

Non-CITES-listed marine ornamental fish species (n=2105), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Taxonomy						Range States		Evidence of species in international trade				Extinction risk/vulnerability						
Class	Order	Family	Genus	Species	Common Name	No of native range States	List of native range States	Evidence of species in international trade	Species imported in EU and/or UK (% Imports)	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Red List year of assessment	Vulnerability (FishBase)	Likelihood of threat from international trade		
Actinopteri	Tetraodoniformes	Balistidae	<i>Abudefduf</i>	<i>Abudefduf stenorhynchus</i>	Starry triggerfish	1	Andaman Is.; Australia; Bahrain; Brunei Darussalam; Cambodia; Chagos Is.; China; Comoros; Djibouti; Egypt; Eritrea; Fiji; Guam; Hong Kong; India; Indonesia; Iran; Iraq; Israel; Japan; Jordan; Kenya; Kiribati; Korea (South); Kuwait; Madagascar; Malaysia; Maldives; Micronesia; Mozambique; Myanmar; Niue; New Caledonia; Niue; Oman; Pakistan; Palau; Papua New Guinea; Philippines; Qatar; Ryukyu Is.; Saudi Arabia; Seychelles; Singapore; Solomon Is.; Somalia; South Africa; Sri Lanka; Sudan; Taiwan; Tanzania; Thailand; United Arab Em.; Vanuatu; Viet Nam;	✓	✓ (Very low)	None	commercial	Least Concern	Not assessed	not assessed	not assessed	2017	43.83 Moderate risk	
Actinopteri	Perciformes/Scorpaenidae	Tetraodonidae	<i>Abudefduf</i>	<i>Abudefduf duarum</i>	Reddentilfish	4	Madagascar; Mozambique; South Africa; Tanzania	✓	✓ (Very low)	None	commercial	Least Concern	Not assessed	not assessed	not assessed	2010	35.77 Moderate risk	
Actinopteri	Perciformes/Scorpaenidae	Tetraodonidae	<i>Abudefduf</i>	<i>Abudefduf taurinus</i>	Cockatoo waspfish	15	Andaman Is.; Australia; Fiji; Indonesia; Japan; Lord Howe I.; New Caledonia; Norfolk I.; Palau; Papua New Guinea; Philippines; Taiwan; Thailand; Timor-Leste; Viet Nam	✓	✓ (Very low)	None	commercial	Least Concern	Not assessed	not assessed	not assessed	2010	35.45 Moderate risk	
Actinopteri	Ovalentaria	Pomacentridae	<i>Abudefduf</i>	<i>Abudefduf adonimatus</i>	Green damselfish	3	French Polynesia; Hawaii; Midway Is.	✓	✓ (Very low)	None	commercial	Least Concern	Stable	Not assessed	not assessed	not assessed	2010	35.77 Moderate risk
Actinopteri	Ovalentaria	Pomacentridae	<i>Abudefduf</i>	<i>Abudefduf bengalensis</i>	Semipi sergeant	23	Andaman Is.; Australia; Cambodia; China; Hong Kong; India; Indonesia; Japan; Korea (South); Lord Howe I.; Malaysia; Ogasawara Is.; Pakistan; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Singapore; Solomon Is.; Taiwan; Thailand; Viet Nam	✓	✓ (Very low)	None	Unspecified	Least Concern	Stable	2010	28.25 Lower risk			
Actinopteri	Ovalentaria	Pomacentridae	<i>Abudefduf</i>	<i>Abudefduf boerjasi</i>	African sergeant	2	Cape Verde; Sao Tome Princ.	✓	✓ (Very low)	None	Unspecified	Least Concern	Stable	2011	30.38 Moderate risk			
Actinopteri	Ovalentaria	Pomacentridae	<i>Abudefduf</i>	<i>Abudefduf marginatus</i>	Pearly sergeant	2	Mauritius; Réunion	✓	✓ (Very low)	None	Unspecified	Least Concern	Stable	2010	32.51 Moderate risk			
Actinopteri	Ovalentaria	Pomacentridae	<i>Abudefduf</i>	<i>Abudefduf natalensis</i>	Natal sergeant	5	Madagascar; Mauritius; Mozambique; Réunion; South Africa	✓	✓ (Very low)	None	commercial	Least Concern	Stable	Unknown	2013	28.25 Lower risk		
Actinopteri	Ovalentaria	Pomacentridae	<i>Abudefduf</i>	<i>Abudefduf notatus</i>	Yellowtail sergeant	26	Andaman Is.; Cambodia; Christmas I.; Cocos Is. (Keel); Indonesia; Japan; Korea (South); Malaysia; Maldives; Mozambique; New Caledonia; North Marianas; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Seychelles; Socotra Arch.; Solomon Is.; South Africa; Taiwan; Thailand; Viet Nam; Yemen	✓	✓ (Very low)	None	Unspecified	Least Concern	Stable	2010	28.25 Lower risk			
Actinopteri	Ovalentaria	Pomacentridae	<i>Abudefduf</i>	<i>Abudefduf saxatilis</i>	Sergeant major	69	Trinidad Tobago; Turks Caicos Is.; Uruguay; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US); West Sahara	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2010	32.28 Moderate risk			
Actinopteri	Ovalentaria	Pomacentridae	<i>Abudefduf</i>	<i>Abudefduf septemfasciatus</i>	Banded sergeant	47	Andaman Is.; Australia; Caroline I.; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Cook Is.; Fiji; French Polynesia; Guam; Hong Kong; India; Indonesia; Japan; Kiribati; Madagascar; Malaysia; Maldives; Marshall Is.; Mauritius; Micronesia; Mozambique; Myanmar; New Caledonia; Niue; North Marianas; Palau; Papua New Guinea; Philippines; Réunion; Ryukyu Is.; Samoa; Seychelles; Socotra Arch.; Solomon Is.; South Africa; Sri Lanka; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Vanuatu; Viet Nam; Yemen	✓	✓ (Very low)	None	Unspecified	Least Concern	Stable	2010	32.15 Moderate risk			
Actinopteri	Ovalentaria	Pomacentridae	<i>Abudefduf</i>	<i>Abudefduf senfasciatus</i>	Scissortail sergeant	52	Vanuatu; Viet Nam	✓	✓ (Very low)	None	public aquariums	Least Concern	Stable	2010	29.65 Lower risk			
Actinopteri	Ovalentaria	Pomacentridae	<i>Abudefduf</i>	<i>Abudefduf sordidus</i>	Blackspot sergeant	8	Kenya; Madagascar; Mauritius; Mozambique; Réunion; Seychelles; South Africa; Tanzania	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2010	33.11 Moderate risk			
Actinopteri	Ovalentaria	Pomacentridae	<i>Abudefduf</i>	<i>Abudefduf sparoides</i>	Falsetye sergeant	13	Nicaragua; Panama; Peru; Revillagigedo	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2007	30.38 Moderate risk			
Actinopteri	Ovalentaria	Pomacentridae	<i>Abudefduf</i>	<i>Abudefduf taurus</i>	Night sergeant	55	Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2010	33.5 Moderate risk			
Actinopteri	Ovalentaria	Pomacentridae	<i>Abudefduf</i>	<i>Abudefduf roscocheli</i>	Panamic sergeant major	13	Nicaragua; Panama; Peru; Revillagigedo	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2007	30.38 Moderate risk			
Actinopteri	Ovalentaria	Pomacentridae	<i>Abudefduf</i>	<i>Abudefduf vaigensis</i>	Indo-Pacific sergeant	61	Vanuatu; Yemen	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2013	15.82 Lower risk			
Actinopteri	Ovalentaria	Pomacentridae	<i>Abudefduf</i>	<i>Abudefduf whitleyi</i>	Whitley's sergeant	5	Australia; Lord Howe I.; New Caledonia; Norfolk I.; Solomon Is.	✓	✓ (Very low)	None	public aquariums	Least Concern	Stable	2010	30.38 Moderate risk			
Actinopteri	Bleenniiformes	Chaenopsidae	<i>Acanthemblemaria</i>	<i>Acanthemblemaria aspera</i>	Roughhead blenny	3	Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Trinidad Tobago; Turks Caicos Is.; USA; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2007	21.24 Lower risk			
Actinopteri	Bleenniiformes	Chaenopsidae	<i>Acanthemblemaria</i>	<i>Acanthemblemaria crockeri</i>	Browncheek blenny	1	Mexico	✓	✓ (Very low)	None	rarely	Least Concern	Unknown	2007	10 Lower risk			
Actinopteri	Bleenniiformes	Chaenopsidae	<i>Acanthemblemaria</i>	<i>Acanthemblemaria hancocki</i>	Hancock's blenny	3	Costa Rica; Ecuador; Panama	✓	✓ (Very low)	None	rarely	Least Concern	Unknown	2007	10 Lower risk			
Actinopteri	Bleenniiformes	Chaenopsidae	<i>Acanthemblemaria</i>	<i>Acanthemblemaria macrocephala</i>	Baracle blenny	2	Mexico; Revillagigedo	✓	✓ (Very low)	None	rarely	Least Concern	Unknown	2007	10 Lower risk			
Actinopteri	Ovalentaria	Pomacentridae	<i>Acanthochromis</i>	<i>Acanthochromis polyacanthus</i>	Spiry chromis	11	Vanuatu; Viet Nam	✓	✓ (Very low)	None	Unspecified	Least Concern	Stable	2010	13.33 Lower risk			
Actinopteri	Eupercaria	Sporidae	<i>Acanthopagrus</i>	<i>Acanthopagrus pacificus</i>	Pacific seabream	14	Singapore; Taiwan; Thailand; Viet Nam	✓	✓ (Very low)	None	public aquariums	Least Concern	Unknown	2014	59.51 Lower risk			
Actinopteri	Tetraodoniformes	Ostraciidae	<i>Acanthostracion</i>	<i>Acanthostracion polygonus</i>	Honeycomb cowfish	33	Uruguay; USA; Venezuela; Virgin Is. (US)	✓	✓ (Very low)	None	commercial	Least Concern	Unknown	2011	25.58 Lower risk			
Actinopteri	Tetraodoniformes	Ostraciidae	<i>Acanthostracion</i>	<i>Acanthostracion quadricornis</i>	Scrawled cowfish	37	Burundi; Cameroon; Nigeria; Sierra Leone; St Kitts Nevis; St Lucia; St Vincent Gren.; Trinidad Tobago; Turks Caicos Is.; USA; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2011	31.74 Moderate risk			
Actinopteri	Acanthuriformes	Acanthuridae	<i>Acanthurus</i>	<i>Acanthurus achilles</i>	Achilles tang	25	Tahiti; Tonga; Tuamotu Is.; Viet Nam; Wake I.	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2010	24.17 Lower risk			
Actinopteri	Acanthuriformes	Acanthuridae	<i>Acanthurus</i>	<i>Acanthurus bahianus</i>	Barber surgeonfish	3	Ascension I.; Brazil; St Helena	✓	✓ (Very low)	None	rarely	Least Concern	Stable	2010	11.97 Lower risk			
Actinopteri	Acanthuriformes	Acanthuridae	<i>Acanthurus</i>	<i>Acanthurus baianus</i>	Black-spot surgeonfish	22	Andaman Is.; Australia; Fiji; Hong Kong; Indonesia; Japan; Malaysia; Maldives; Mauritius; Mozambique; New Caledonia; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Seychelles; Solomon Is.; Sri Lanka; Taiwan; Timor-Leste	✓	✓ (Very low)	None	commercial	Least Concern	Unknown	2010	36.05 Moderate risk			
Actinopteri	Acanthuriformes	Acanthuridae	<i>Acanthurus</i>	<i>Acanthurus blochi</i>	Ringtail surgeonfish	41	Yemen	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2010	38.32 Moderate risk			
Actinopteri	Acanthuriformes	Acanthuridae	<i>Acanthurus</i>	<i>Acanthurus chiruus</i>	Doctfish	41	Virgin Is. (US)	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2010	22.98 Lower risk			
Actinopteri	Acanthuriformes	Acanthuridae	<i>Acanthurus</i>	<i>Acanthurus chronis</i>	Chronis surgeonfish	1	Micronesia	✓	✓ (Very low)	None	commercial	Vulnerable	Unknown	2010	26.07 Higher risk			
Actinopteri	Acanthuriformes	Acanthuridae	<i>Acanthurus</i>	<i>Acanthurus coelestis</i>	Blue tang surgeonfish	42	Virgin Is. (UK); Virgin Is. (US)	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2010	58.55 Moderate risk			
Actinopteri	Acanthuriformes	Acanthuridae	<i>Acanthurus</i>	<i>Acanthurus dussumieri</i>	Eyestripe surgeonfish	45	Tanzania; Tonga; Viet Nam; Yemen	✓	✓ (Very low)	None	commercial	Least Concern	Unknown	2010	36.1 Moderate risk			

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Class	Order	Family	Genus	Species	Common Name							List of native range States	Red List population trend	Red List year of assessment	Vulnerability (Fishbase) trend	Likelihood of threat from international
Actinopteri	Acanthuriformes	Acanthuridae	Acanthurus	<i>Acanthurus fowleri</i>	Fowler's surgeonfish	6	Australia; Indonesia; Papua New Guinea; Philippines; Solomon Is.; Thailand	✓	(low)	None	commercial	Least Concern	Unknown	2010	46.16	Moderate risk
Actinopteri	Acanthuriformes	Acanthuridae	Acanthurus	<i>Acanthurus gahmii</i>	Black surgeonfish	4	Egypt; Socotra Arch.; Somalia; Yemen	✓	(very low)	No data	commercial	Least Concern	Unknown	2010	32.64	Moderate risk
Actinopteri	Acanthuriformes	Acanthuridae	Acanthurus	<i>Acanthurus grammoptilus</i>	Fine-lined surgeonfish	6	Australia; Indonesia; New Caledonia; Philippines; Timor-Leste; Viet Nam	✓	(low)	No data	Unspecified	Least Concern	Unknown	2010	39.26	Moderate risk
Actinopteri	Acanthuriformes	Acanthuridae	Acanthurus	<i>Acanthurus guttatus</i>	Whitespotted surgeonfish	39	American Samoa; Australia; Caroline I.; Chagos Is.; Christmas I.; Cocos Is. (Keel); Cook Is.; Fiji; French Polynesia; Guam; Hawaii; Indonesia; Japan; Johnston I.; Kiribati; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Micronesia; New Caledonia; Niue; North Mariana; Palau; Papua New Guinea; Philippines; Pitcairn; R��union; Ryukyu Is.; Samoa; Seychelles; Tahiti; Taiwan; Tonga; Tuamotu Is.; US Minor Is.; Vanuatu; Wake I.; Wallis Futuna	✓	(low)	None	commercial	Least Concern	Unknown	2010	25.02	Lower risk
Actinopteri	Acanthuriformes	Acanthuridae	Acanthurus	<i>Acanthurus japonicus</i>	Japan surgeonfish	11	Taiwan	✓	(moderate)	None	commercial	Least Concern	Unknown	2010	22.09	Lower risk
Actinopteri	Acanthuriformes	Acanthuridae	Acanthurus	<i>Acanthurus leucocellus</i>	Palefaced surgeonfish	11	Leste	✓	(very low)	None	commercial	Least Concern	Unknown	2010	46.16	Moderate risk
Actinopteri	Acanthuriformes	Acanthuridae	Acanthurus	<i>Acanthurus leucopareus</i>	Whitebar surgeonfish	18	Ogasawara Is.; Philippines; Pitcairn; Ryukyu Is.; Taiwan; Tuamotu Is.; Viet Nam; Wake I.	✓	(low)	Rare	commercial	Least Concern	Stable	2010	24.62	Lower risk
Actinopteri	Acanthuriformes	Acanthuridae	Acanthurus	<i>Acanthurus leucostomus</i>	Powderblow surgeonfish	22	Thailand; Yemen	✓	(moderate)	None	commercial	Least Concern	Unknown	2010	37.16	Moderate risk
Actinopteri	Acanthuriformes	Acanthuridae	Acanthurus	<i>Acanthurus lineatus</i>	Lined surgeonfish	55	US Minor Is.; Vanuatu; Viet Nam; Wallis Futuna; Yemen	✓	(moderate)	None	commercial	Least Concern	Stable	2010	22.89	Lower risk
Actinopteri	Acanthuriformes	Acanthuridae	Acanthurus	<i>Acanthurus maculiceps</i>	White-freckled surgeonfish	23	Taiwan	✓	(low)	None	commercial	Least Concern	Unknown	2010	43.5	Moderate risk
Actinopteri	Acanthuriformes	Acanthuridae	Acanthurus	<i>Acanthurus mata</i>	Elongate surgeonfish	46	Marshall Is.; Micronesia; Mozambique; New Caledonia; North Mariana; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; R��union; Ryukyu Is.; Samoa; Seychelles; Socotra Arch.; South Africa; Sri Lanka; Tahiti; Taiwan; Tanzania; Timor-Leste; Tonga; Tuamotu Is.; Viet Nam; Wake I.; Yemen	✓	(low)	Rare	commercial	Least Concern	Stable	2010	39.45	Moderate risk
Actinopteri	Acanthuriformes	Acanthuridae	Acanthurus	<i>Acanthurus monroviae</i>	Monrovia doctorfish	23	Leone; Togo	✓	(low)	No data	commercial	Least Concern	Unknown	2010	46.16	Moderate risk
Actinopteri	Acanthuriformes	Acanthuridae	Acanthurus	<i>Acanthurus nigricans</i>	Whitecheek surgeonfish	47	Samoa; Singapore; Tahiti; Taiwan; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Viet Nam	✓	(low)	None	commercial	Least Concern	Stable	2010	20.49	Lower risk
Actinopteri	Acanthuriformes	Acanthuridae	Acanthurus	<i>Acanthurus nigricauda</i>	Epulette surgeonfish	47	Lanka; Tahiti; Taiwan; Tanzania; Timor-Leste; Tonga; Tuamotu Is.; US Minor Is.; Viet Nam; Wake I.	✓	(very low)	No data	commercial	Least Concern	Stable	2010	24.96	Lower risk
Actinopteri	Acanthuriformes	Acanthuridae	Acanthurus	<i>Acanthurus nigrofasciatus</i>	Brown surgeonfish	59	Thailand; Timor-Leste; Tonga; Tuamotu Is.; US Minor Is.; Viet Nam; Wake I.; Yemen	✓	(low)	None	commercial	Least Concern	Stable	2010	27.14	Lower risk
Actinopteri	Acanthuriformes	Acanthuridae	Acanthurus	<i>Acanthurus nigrostriatus</i>	Bluelined surgeonfish	27	Philippines; Pitcairn; Samoa; Seychelles; Tonga; Tuamotu Is.; Viet Nam; Wake I.	✓	(very low)	No data	commercial	Least Concern	Stable	2010	24.62	Lower risk
Actinopteri	Acanthuriformes	Acanthuridae	Acanthurus	<i>Acanthurus rubellus</i>	Bluelined surgeon	10	Tuamotu Is.; Wake I.	✓	(very low)	None	commercial	Least Concern	Unknown	2010	25.02	Lower risk
Actinopteri	Acanthuriformes	Acanthuridae	Acanthurus	<i>Acanthurus olivaceus</i>	Orangespot surgeonfish	39	Samoa; Tahiti; Taiwan; Timor-Leste; Tonga; Tuamotu Is.; US Minor Is.; Vanuatu; Viet Nam	✓	(low)	None	commercial	Least Concern	Stable	2010	18.16	Lower risk
Actinopteri	Acanthuriformes	Acanthuridae	Acanthurus	<i>Acanthurus polyzona</i>	Black-banded surgeonfish	4	Comoros; Madagascar; Mauritius; R��union	✓	(low)	No data	rarely	Data Deficient	Unknown	2010	12.01	Lower risk
Actinopteri	Acanthuriformes	Acanthuridae	Acanthurus	<i>Acanthurus pyroferus</i>	Chocolate surgeonfish	33	Tuamotu Is.; Vanuatu; Viet Nam	✓	(low)	None	commercial	Least Concern	Stable	2010	28.92	Lower risk
Actinopteri	Acanthuriformes	Acanthuridae	Acanthurus	<i>Acanthurus sohal</i>	Sohal surgeonfish	18	Somalia; Sudan; Taiwan; United Arab Em.; Yemen	✓	(low)	None	commercial	Least Concern	Stable	2010	32.64	Moderate risk
Actinopteri	Acanthuriformes	Acanthuridae	Acanthurus	<i>Acanthurus tennoti</i>	Doubleband surgeonfish	20	Myanmar; Oman; R��union; Seychelles; Socotra Arch.; South Africa; Sri Lanka; Tanzania; Thailand; Yemen	✓	(low)	No data	commercial	Least Concern	Stable	2010	27.9	Lower risk
Actinopteri	Acanthuriformes	Acanthuridae	Acanthurus	<i>Acanthurus thompsoni</i>	Thompson's surgeonfish	42	US Minor Is.; Viet Nam; Wake I.	✓	(low)	None	commercial	Least Concern	Stable	2010	25.47	Lower risk
Actinopteri	Acanthuriformes	Acanthuridae	Acanthurus	<i>Acanthurus tractus</i>	Ocean surgeonfish	35	Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	(low)	No data	commercial	Least Concern	Unknown	2014	21.09	Lower risk
Actinopteri	Acanthuriformes	Acanthuridae	Acanthurus	<i>Acanthurus triostegus</i>	Convict surgeonfish	76	Tuamotu Is.; Tuvalu; US Minor Is.; Vanuatu; Viet Nam; Wake I.; Wallis Futuna	✓	(moderate)	None	commercial	Least Concern	Stable	2010	16.26	Lower risk
Actinopteri	Acanthuriformes	Acanthuridae	Acanthurus	<i>Acanthurus triostegus</i>	Indian Ocean mimic surgeonfish	8	Andaman Is.; Chagos Is.; Indonesia; Maldives; Myanmar; Seychelles; Sri Lanka; Thailand	✓	(low)	None	commercial	Least Concern	Stable	2010	24.62	Lower risk
Actinopteri	Acanthuriformes	Acanthuridae	Acanthurus	<i>Acanthurus xanthopterus</i>	Yellowfin surgeonfish	68	Thailand; Timor-Leste; Tonga; Tuamotu Is.; US Minor Is.; Vanuatu; Viet Nam; Wallis Futuna	✓	(very low)	None	commercial	Least Concern	Stable	2010	37.08	Moderate risk
Actinopteri	Gobiiformes	Gobiidae	Acentrogobius	<i>Acentrogobius caninus</i>	Tropical sand goby	18	Seychelles; Singapore; Taiwan; Tanzania; Thailand; Viet Nam	✓	(low)	None	Unspecified	Least Concern	Unknown	2015	23.01	Lower risk
Actinopteri	Gobiiformes	Gobiidae	Acentrogobius	<i>Acentrogobius nebulosus</i>	Shadow goby	23	Taiwan; Tanzania; Thailand; Viet Nam	✓	(low)	No data	Unspecified	not assessed	not assessed	not assessed	32.92	Moderate risk
Actinopteri	Pleuronectiformes	Achiridae	Achirus	<i>Achirus lineatus</i>	Lined sole	18	Puerto Rico; Suriname; Trinidad Tobago; Uruguay; USA; Venezuela	✓	(low)	No data	commercial	Least Concern	Unknown	2018	34.3	Lower risk
Actinopteri	Tetraodontiformes	Moraenidae	Arothrymum	<i>Arothrymum radialis</i>	Radial leatherjacket	7	Australia; Indonesia; Japan; New Caledonia; Papua New Guinea; Philippines; Ryukyu Is.	✓	(low)	No data	commercial	Least Concern	Unknown	2015	11.03	Lower risk

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Actinopteri	Tetraodontiformes	Monacanthidae	<i>Acanthichthys</i>	<i>Acanthichthys tomentosus</i>	Brittle tail file-fish	18	Bhlyau Is.; Solomon Is.; Sri Lanka; Taiwan; Thailand; Timor-Leste; Tonga	✓	✓ (moderate)	Common	commercial	Least Concern	Stable	2015	15.57	Lower risk
Actinopteri	Syngnathiformes		<i>Aeoliscus</i>	<i>Aeoliscus punctulatus</i>	Speckled shrimpfish	6	Kenya; Mozambique; Seychelles; Somalia; South Africa; Tanzania			No data		Data Deficient	Unknown	2013	24.15	Lower risk
Actinopteri	Syngnathiformes	Centricoridae	<i>Aeoliscus</i>	<i>Aeoliscus strigatus</i>	Razorfish	19	Andaman Is.; Australia; Cambodia; China; Indonesia; Japan; Malaysia; Mayotte; Micronesia; New Caledonia; Palau; Papua New Guinea; Philippines; Seychelles; Taiwan; Tanzania; Timor-Leste; Vanuatu; Viet Nam	✓	✓ (low)	Common	commercial	Data Deficient	Unknown	2015	24.15	Lower risk
Actinopteri	Pleuronectiformes	Soleidae	<i>Aesopia</i>	<i>Aesopia cornuta</i>	Unicorn sole	15	Caledonia; Philippines; South Africa; Taiwan; Thailand	✓	✓ (Very low)	None	rarely	Least Concern	Unknown	2015		38.6 Lower risk
Elasmobranchii	Myliobatiformes	Aetobatidae	<i>Aetobatus</i>	<i>Aetobatus narinari</i>	Whitespotted eagle ray	89	Angola; Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Benin; Bermuda; Brazil; Cameroon; Cayman Is.; Colombia; Congo; Congo Dem Rep; Costa Rica; Cote d'Ivoire; Cuba; Curaçao I.; Dominica; Dominican Rp; Eq Guinea; French Guiana; Gabon; Gambia; Ghana; Grenada; Guadeloupe; Guatemala; Guinea; Guinea-Bissau; Guyana; Haiti; Honduras; Iran; Jamaica; Japan; Jordan; Kenya; Liberia; Madagascar; Malaysia; Maldives; Marshall Is.; Martinique; Mauritania; Mayotte; Mexico; Montserrat; Myanmar; New Caledonia; Nicaragua; Nigeria; North Marianas; Ogasawara Is.; Oman; Palau; Panama; Papua New Guinea; Peru; Philippines; Puerto Rico; Qatar; R�dunian; Samoa; Senegal; Seychelles; Sierra Leone; Sri Lanka; St Kitts Nevis; St Lucia; St Vincent Gren.; Suriname; Taiwan; Tanzania; Thailand; Timor-Leste; Togo; Tonga; Trinidad Tobago; Turks Caicos Is.; USA; Vanuatu; Venezuela; Viet Nam; Virgin Is. (UK); Virgin Is. (US); Wake I.; Yemen	✓		None	rarely	Endangered	Decreasing	2020	75.13	Higher risk
Elasmobranchii	Myliobatiformes	Myliobatidae	<i>Aetomyxus</i>	<i>Aetomyxus maculatus</i>	Mottled eagle ray	20	Bahrain; China; India; Indonesia; Iran; Kuwait; Malaysia; Maldives; Mauritius; New Caledonia; Palau; Papua New Guinea; Qatar; Saudi Arabia; Singapore; Sri Lanka; Taiwan; Thailand; United Arab Em.; Viet Nam			No data	rarely	Endangered	Decreasing	2020	58.88	-
Actinopteri	Gobiiformes	Gobiidae	<i>Aioliops</i>	<i>Aioliops megastigma</i>	Bigspot mindartfish	3	Indonesia; Papua New Guinea; Philippines	✓	✓ (low)	No data	rarely	Least Concern	Unknown	2022	10	Lower risk
Actinopteri	Carangiformes	Carangidae	<i>Alectis</i>	<i>Alectis ciliaris</i>	African pompano	123	Admiralty Is.; American Samoa; Andaman Is.; Anguilla; Antigua Barbuda; Aruba; Australia; Bahamas; Bangladesh; Barbados; Belize; Benin; Bermuda; Brazil; Cambodia; Cameroon; Cabo Verde; Cayman Is.; China; Colombia; Comoros; Cook Is.; Costa Rica; Cote d'Ivoire; Cuba; Curaçao I.; Djibouti; Dominica; Dominican Rp; Ecuador; Egypt; El Salvador; Eq Guinea; Eritrea; Fiji; French Guiana; French Polynesia; Gabon; Galapagos Is.; Gambia; Ghana; Grenada; Guadeloupe; Guam; Guatemala; Guinea; Guinea-Bissau; Guyana; Haiti; Hawaii; Honduras; Hong Kong; India; Indonesia; Iran; Israel; Jamaica; Japan; Jordan; Kenya; Korea (South); Liberia; Lord Howe I.; Madagascar; Malaysia; Maldives; Marshall Is.; Martinique; Mauritius; Mayotte; Mexico; Micronesia; Montserrat; Mozambique; Myanmar; New Caledonia; Nicaragua; Ogasawara Is.; Oman; Palau; Panama; Papua New Guinea; Peru; Philippines; Puerto Rico; R�dunian; Ryukyu Is.; Samoa; Saudi Arabia; Senegal; Seychelles; Sierra Leone; Singapore; Solomon Is.; Somalia; South Africa; Sri Lanka; St Kitts Nevis; St Lucia; St Vincent Gren.; Sudan; Suriname; Taiwan; Tanzania; Thailand; Timor-Leste; Togo; Tokelau; Tonga; Trinidad Tobago; Tuvalu; United Arab Em.; USA; Vanuatu; Venezuela; Viet Nam; Virgin Is. (UK); Virgin Is. (US)	✓		No data	commercial	Least Concern	Unknown	2009	71.04	Moderate risk
Actinopteri	Carangiformes	Carangidae	<i>Alectis</i>	<i>Alectis indica</i>	Indian threadfin	62	Admiralty Is.; Andaman Is.; Australia; Bahrain; Bangladesh; Cambodia; Caroline I.; China; Christmas I.; Comoros; Djibouti; Egypt; Eritrea; Fiji; French Polynesia; Guam; Hawaii; Hong Kong; India; Indonesia; Iran; Iraq; Japan; Kenya; Kuwait; Madagascar; Malaysia; Maldives; Mauritius; Mayotte; Micronesia; Mozambique; Myanmar; New Caledonia; North Marianas; Oman; Pakistan; Palau; Papua New Guinea; Philippines; Qatar; R�dunian; Ryukyu Is.; Saudi Arabia; Seychelles; Singapore; Somalia; South Africa; Sri Lanka; Sudan; Tahiti; Taiwan; Tanzania; Thailand; Timor-Leste; Tokelau; Tuvalu; United Arab Em.; Vanuatu; Viet Nam; Yemen	✓	✓ (low)	None	public aquariums	Least Concern	Unknown	2015	61.72	Lower risk
Actinopteri	Perciformes/Serranoidae	Serranidae	<i>Alphestus</i>	<i>Alphestus zifer</i>	Mutton hamlet	41	Admiralty Is.; Argentina; Australia; Bahrain; Belize; Brazil; Chile; China; Colombia; Costa Rica; Cuba; Dominican Rp; Easter I.; Ecuador; El Salvador; French Guiana; Guatemala; Guyana; Hawaii; Honduras; Hong Kong; India; Indonesia; Iran; Japan; Jordan; Korea (South); Kuwait; Lord Howe I.; Madeira Is.; Malaysia; Mexico; Mozambique; Myanmar; New Caledonia; New Zealand; Nicaragua; North Marianas; Ogasawara Is.; Oman; Palau; Panama; Papua New Guinea; Peru; Philippines; Portugal; Qatar; R�dunian; Saudi Arabia; Seychelles; Somalia; South Africa; St Helena; St Kitts Nevis; St Lucia; St Vincent Gren.; Suriname; Trinidad Tobago; Turks Caicos Is.; Uruguay; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓		No data	commercial	Least Concern	Stable	2016	33.13	Lower risk
Actinopteri	Tetraodontiformes	Monacanthidae	<i>Aluterus</i>	<i>Aluterus monoceros</i>	Unicorn leatherjacket filefish	61	Andaman Is.; Argentina; Australia; Bahrain; Belize; Brazil; Chile; China; Colombia; Costa Rica; Cuba; Dominican Rp; Easter I.; Ecuador; El Salvador; French Guiana; Guatemala; Guyana; Hawaii; Honduras; Hong Kong; India; Indonesia; Iran; Japan; Jordan; Korea (South); Kuwait; Lord Howe I.; Madeira Is.; Malaysia; Mexico; Mozambique; Myanmar; New Caledonia; New Zealand; Nicaragua; North Marianas; Ogasawara Is.; Oman; Palau; Panama; Papua New Guinea; Peru; Philippines; Portugal; Qatar; R�dunian; Saudi Arabia; Seychelles; Somalia; South Africa; St Helena; St Kitts Nevis; St Lucia; St Vincent Gren.; Suriname; Trinidad Tobago; Turks Caicos Is.; Uruguay; USA; Viet Nam; Yemen	✓		No data	rarely	Least Concern	Unknown	2014	47.86	Lower risk
Actinopteri	Tetraodontiformes	Monacanthidae	<i>Aluterus</i>	<i>Aluterus schoepfii</i>	Orange filefish	50	Angola; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Benin; Bermuda; Brazil; Cameroon; Canada; Colombia; Congo; Congo Dem Rep; Costa Rica; Cote d'Ivoire; Cuba; Curaçao I.; Dominica; Dominican Rp; Eq Guinea; French Guiana; Gabon; Gambia; Ghana; Grenada; Guadeloupe; Guatemala; Guinea; Guinea-Bissau; Guyana; Haiti; Honduras; Jamaica; Liberia; Mauritania; Mexico; Nicaragua; Nigeria; Panama; Puerto Rico; Senegal; Sierra Leone; St Kitts Nevis; St Lucia; St Vincent Gren.; Suriname; Togo; Trinidad Tobago; USA; Venezuela	✓		No data	commercial	Least Concern	Unknown	2014	53.31	Lower risk
Actinopteri	Tetraodontiformes	Monacanthidae	<i>Aluterus</i>	<i>Aluterus scripius</i>	Scribbled leatherjacket filefish	98	American Samoa; Andaman Is.; Anguilla; Antigua Barbuda; Aruba; Ascension I.; Australia; Bahamas; Barbados; Brazil; Cambodia; Canada; Cape Verde; Cayman Is.; Chagos Is.; China; Christmas I.; Cocos Is.; Cook Is.; Colombia; Cook Is.; Costa Rica; Cuba; Curaçao I.; Djibouti; Dominica; Dominican Rp; Easter I.; Ecuador; Egypt; El Salvador; Fiji; French Polynesia; Galapagos Is.; Grenada; Guadeloupe; Guam; Guatemala; Haiti; Hawaii; Honduras; Hong Kong; India; Indonesia; Jamaica; Japan; Jordan; Korea (South); Madeira Is.; Malaysia; Maldives; Martinique; Mauritius; Mexico; Micronesia; Montserrat; Mozambique; New Caledonia; New Zealand; Nicaragua; Niue; North Marianas; Ogasawara Is.; Oman; Palau; Panama; Papua New Guinea; Philippines; Pitcairn; Portugal; Puerto Rico; R�dunian; Samoa; Sao Tome Prnc.; Seychelles; Sierra Leone; Socotra Arch.; Somalia; South Africa; Sri Lanka; St Helena; St Kitts Nevis; St Lucia; St Pauls Rocks; St Vincent Gren.; Taiwan; Tanzania; Timor-Leste; Tonga; Trinidad Tobago; Turks Caicos Is.; Turks Caicos Is.; USA; Vanuatu; Viet Nam; Virgin Is. (UK); Virgin Is. (US); Yemen	✓	✓ (Very low)	None	commercial	Least Concern	Unknown	2014	67.69	Lower risk
Actinopteri	Tetraodontiformes	Monacanthidae	<i>Amanses</i>	<i>Amanses scopas</i>	Broom filefish	32	American Samoa; Andaman Is.; Australia; Bahrain; Belize; Benin; Bermuda; Brazil; Cameroon; Canada; Colombia; Congo; Congo Dem Rep; Costa Rica; Cote d'Ivoire; Cuba; Curaçao I.; Dominica; Dominican Rp; Eq Guinea; French Guiana; Gabon; Gambia; Ghana; Grenada; Guadeloupe; Guatemala; Guinea; Guinea-Bissau; Guyana; Haiti; Honduras; Jamaica; Liberia; Mauritania; Mexico; Nicaragua; Nigeria; Panama; Puerto Rico; Senegal; Sierra Leone; St Kitts Nevis; St Lucia; St Vincent Gren.; Suriname; Togo; Trinidad Tobago; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓		No data	rarely	Least Concern	Stable	2015	25.85	Lower risk
Actinopteri	Centrarchiformes	Cirrihidae	<i>Amblycirrhitus</i>	<i>Amblycirrhitus bimaculatus</i>	Twospot hawkfish	32	Admiralty Is.; Andaman Is.; Australia; Bahrain; Belize; Benin; Bermuda; Brazil; Cameroon; Canada; Colombia; Congo; Congo Dem Rep; Costa Rica; Cote d'Ivoire; Cuba; Curaçao I.; Dominica; Dominican Rp; Eq Guinea; French Guiana; Gabon; Gambia; Ghana; Grenada; Guadeloupe; Guatemala; Guinea; Guinea-Bissau; Guyana; Haiti; Honduras; Jamaica; Liberia; Mauritania; Mexico; Nicaragua; Nigeria; Panama; Puerto Rico; Senegal; Sierra Leone; St Kitts Nevis; St Lucia; St Vincent Gren.; Suriname; Togo; Trinidad Tobago; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)			No data	commercial	Least Concern	Unknown	2015	10	Lower risk
Actinopteri	Centrarchiformes	Cirrihidae	<i>Amblycirrhitus</i>	<i>Amblycirrhitus pinnatus</i>	Redspotted hawkfish	30	Admiralty Is.; Andaman Is.; Australia; Bahrain; Belize; Benin; Bermuda; Brazil; Cameroon; Canada; Colombia; Congo; Congo Dem Rep; Costa Rica; Cote d'Ivoire; Cuba; Curaçao I.; Dominica; Dominican Rp; Eq Guinea; French Guiana; Gabon; Gambia; Ghana; Grenada; Guadeloupe; Guatemala; Guinea; Guinea-Bissau; Guyana; Haiti; Honduras; Jamaica; Liberia; Mauritania; Mexico; Nicaragua; Nigeria; Panama; Puerto Rico; Senegal; Sierra Leone; St Kitts Nevis; St Lucia; St Vincent Gren.; Suriname; Togo; Trinidad Tobago; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (Very low)	None	commercial	Least Concern	Unknown	2014	10	Lower risk
Actinopteri	Gobiiformes	Gobiidae	<i>Amblyeleotris</i>	<i>Amblyeleotris aurora</i>	Pinkback goby	8	Andaman Is.; Comoros; Indonesia; Maldives; Myanmar; Seychelles; South Africa; Thailand	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2018	20.43	Lower risk
Actinopteri	Gobiiformes	Gobiidae	<i>Amblyeleotris</i>	<i>Amblyeleotris calligaris</i>	Beautiful-cheek shrimpgoby	1	Australia	✓	✓ (low)	No data	rarely	Data Deficient	Unknown	2009	16.89	Lower risk
Actinopteri	Gobiiformes	Gobiidae	<i>Amblyeleotris</i>	<i>Amblyeleotris diognalls</i>	Diagonal shrimp goby	20	Australia; Bahrain; Indonesia; Kenya; Kuwait; Madagascar; Malaysia; Maldives; New Caledonia; Oman; Papua New Guinea; Philippines; Qatar; Ryukyu Is.; Saudi Arabia; Seychelles; Solomon Is.; Sri Lanka; Sudan; United Arab Em.	✓	✓ (low)	None	Unspecified	Least Concern	Unknown	2018	24.45	Lower risk
Actinopteri	Gobiiformes	Gobiidae	<i>Amblyeleotris</i>	<i>Amblyeleotris fasciata</i>	Red-banded prawn-goby	18	American Samoa; Australia; Cook Is.; French Polynesia; Guam; Indonesia; Japan; Marshall Is.; Micronesia; New Caledonia; Niue; North Marianas; Philippines; Ryukyu Is.; Samoa; Taiwan; Tonga; Viet Nam	✓		No data	commercial	Least Concern	Unknown	2020	14.62	Lower risk
Actinopteri	Gobiiformes	Gobiidae	<i>Amblyeleotris</i>	<i>Amblyeleotris fontanesii</i>	Giant prawn-goby	11	Andaman Is.; Australia; Indonesia; New Caledonia; Palau; Papua New Guinea; Philippines; Niue; Solomon Is.	✓		No data	commercial	Least Concern	Unknown	2020	39.87	Lower risk
Actinopteri	Gobiiformes	Gobiidae	<i>Amblyeleotris</i>	<i>Amblyeleotris guttata</i>	Spotted prawn-goby	19	Australia; Brunei Darussalam; Guam; Indonesia; Japan; Malaysia; Marshall Is.; Micronesia; New Caledonia; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Solomon Is.; Taiwan; Timor-Leste; Tonga; Vanuatu	✓	✓ (low)	None	commercial	Least Concern	Unknown	2020	24.45	Lower risk
Actinopteri	Gobiiformes	Gobiidae	<i>Amblyeleotris</i>	<i>Amblyeleotris gymnocephala</i>	Masked shrimpgoby	13	Guinea; Philippines; Thailand; Viet Nam	✓		No data	commercial	Least Concern	Unknown	2018	22.86	Lower risk
Actinopteri	Gobiiformes	Gobiidae	<i>Amblyeleotris</i>	<i>Amblyeleotris latifasciata</i>	Wide-banded shrimpgoby	7	Andaman Is.; Brunei Darussalam; Indonesia; Malaysia; Myanmar; Philippines; Thailand	✓	✓ (Very low)	No data	rarely	Least Concern	Unknown	2020	26.72	Lower risk
Actinopteri	Gobiiformes	Gobiidae	<i>Amblyeleotris</i>	<i>Amblyeleotris periphalma</i>	Pericrepidina prawn-goby		American Samoa; Australia; Bahrain; Guam; Indonesia; Japan; Kuwait; Maldives; Mauritius; Micronesia; New Caledonia; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Qatar; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Solomon Is.; Sri Lanka; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; United Arab Em.; Viet Nam			No data	commercial	Least Concern	Unknown	2018	24.45	Lower risk
Actinopteri	Gobiiformes	Gobiidae	<i>Amblyeleotris</i>	<i>Amblyeleotris randalli</i>	Randall's prawn-goby	13	Admiralty Is.; Australia; Fiji; Indonesia; Japan; Malaysia; Micronesia; New Caledonia; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Solomon Is.	✓	✓ (low)	Common	commercial	Least Concern	Unknown	2020	25.64	Lower risk
Actinopteri	Gobiiformes	Gobiidae	<i>Amblyeleotris</i>	<i>Amblyeleotris steinitzi</i>	Steinitz' prawn-goby	25	Andaman Is.; Australia; Brunei Darussalam; Guam; Indonesia; Japan; Jordan; Maldives; Marshall Is.; Mauritius; Micronesia; New Caledonia; North Marianas; Palau; Papua New Guinea; Philippines; Samoa; Solomon Is.; Sri Lanka;	✓	✓ (low)	None	commercial	Least Concern	Unknown	2018	26.72	Lower risk
Actinopteri	Gobiiformes	Gobiidae	<i>Amblyeleotris</i>	<i>Amblyeleotris suaequam</i>	Magnus prawn-goby	8	Egypt; Israel; Jordan; Seychelles; Socotra Arch.; Sri Lanka; Sudan; Yemen	✓		No data	commercial	Least Concern	Unknown	2018	18.38	Lower risk

Non-CITES-listed marine ornamental fish species (n=2105), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Class	Order	Taxonomy				No of native range States	Range States			Evidence of species in international trade	Species imported in EU and/or US (% imports)	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Red List year of assessment	Extinction risk/vulnerability		
		Family	Genus	Species	Common Name		List of native range States	Evidence of species in international trade	Species imported in EU and/or US (% imports)								Evidence of captive-breeding	Demand for aquaria	Red List category
Actinopteri	Gobiiformes	Gobiidae	<i>Amblyeleotris</i>	<i>Amblyeleotris wheeleri</i>	Giorgous strom-goby	24	Australia; Curaçao; Carapagos; Chagos Is.; Fiji; Guam; Indonesia; Japan; Maldives; Marshall Is.; Mauritius; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; RÅÙnion; Ryukyu Is.; Socotra Arch.; South Africa; Sudan; Taiwan; Timor-Leste; Vanuatu; Yemen		✓	✓ (low)	None	commercial	Least Concern	Unknown		2015	23.58	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	<i>Amblyeleotris</i>	<i>Amblyeleotris yanoi</i>	Flagtail stringgoby	6	Indonesia; Marshall Is.; Palau; Papua New Guinea; Ryukyu Is.; Timor-Leste		✓	✓ (low)	No data	rarely	Least Concern	Unknown		2020	26.72	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	<i>Amblygobiodon</i>	<i>Amblygobiodon aureus</i>	Golden damselfish	Andaman Is.; Australia; Christmas I.; Cocos Is. (Keel); Fiji; Guam; Indonesia; Japan; Kiribati; Malaysia; Marshall Is.; Micronesia; New Caledonia; North Marianas; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Solomon Is.; Taiwan; Thailand; Timor-Leste; Tonga; Vanuatu; Viet Nam		✓	✓ (moderate)	Captive bred (not for retail)	commercial	Least Concern	Stable		2010	24.47	Lower risk		
Actinopteri	Ovalentaria	Pomacentridae	<i>Amblygobiodon</i>	<i>Amblygobiodon curacao</i>	Staghorn damselfish	27	Solomon Is.; Taiwan; Thailand; Timor-Leste; Tonga; Vanuatu; Viet Nam		✓		No data	commercial	Least Concern	Decreasing		2010	22.69	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	<i>Amblygobiodon</i>	<i>Amblygobiodon flavilatus</i>	Yellowfin damsel	9	Djibouti; Egypt; Eritrea; Israel; Jordan; Saudi Arabia; Somalia; Sudan; Yemen		✓		No data	Unspecified	Least Concern	Stable		2013	26.93	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	<i>Amblygobiodon</i>	<i>Amblygobiodon indicus</i>	Maldives damselfish	7	Andaman Is.; Chagos Is.; Indonesia; Malaysia; Maldives; Myanmar; Thailand		✓		No data	rarely	Least Concern	Unknown		2010	21.72	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	<i>Amblygobiodon</i>	<i>Amblygobiodon leucogaster</i>	Yellowbelly damselfish	25	Australia; Chagos Is.; China; Cocos Is. (Keel); Egypt; Fiji; Indonesia; Israel; Japan; Jordan; Maldives; Marshall Is.; Micronesia; New Caledonia; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Seychelles; Taiwan; Tanzania; Thailand; Timor-Leste; Viet Nam		✓		Captive bred (not for retail)	commercial	Least Concern	Stable		2010	24.47	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	<i>Amblygobiodon</i>	<i>Amblygobiodon temataensis</i>	Temate damsel	12	Indonesia; Japan; Malaysia; Micronesia; New Caledonia; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Solomon Is.; Taiwan; Vanuatu		✓	✓ (low)	Captive bred (not for retail)	Unspecified	Vulnerable	Decreasing		2010	24.92	Higher risk	
Actinopteri	Gobiiformes	Gobiidae	<i>Amblygobius</i>	<i>Amblygobius albimaculatus</i>	Butterfly goby	32	Viet Nam		✓		No data	commercial	Least Concern	Unknown		2018	32.92	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	<i>Amblygobius</i>	<i>Amblygobius decussatus</i>	Orange-striped goby	13	Australia; Indonesia; Japan; Marshall Is.; Micronesia; New Caledonia; North Marianas; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Singapore; Taiwan; Thailand; Timor-Leste; Viet Nam		✓	✓ (low)	None	commercial	Least Concern	Unknown		2020	21.72	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	<i>Amblygobius</i>	<i>Amblygobius esakae</i>	Snout-spotted goby	3	Indonesia; Palau; Papua New Guinea		✓		Captive bred (not for retail)	rarely	Least Concern	Unknown		2020	19.49	-	
Actinopteri	Gobiiformes	Gobiidae	<i>Amblygobius</i>	<i>Amblygobius linki</i>	Link's goby	7	Indonesia; Japan; New Caledonia; Palau; Papua New Guinea; Philippines; Viet Nam		✓	✓ (Very low)	Common	Unspecified	Least Concern	Unknown		2020	12.01	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	<i>Amblygobius</i>	<i>Amblygobius nocturnus</i>	Nocturn goby	American Samoa; Andaman Is.; Australia; Bahrain; China; Fiji; French Polynesia; Guam; Indonesia; Japan; Kuwait; Lord Howe I.; Maldives; Micronesia; New Caledonia; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Qatar; Ryukyu Is.; Samoa; Saudi Arabia; Sudan; Taiwan; Timor-Leste; Tonga; Tuamotu Is.; United Arab Em.; Rodrigues; Saudi Arabia; Seychelles; South Africa; Sri Lanka; Sudan; Taiwan; Tanzania; Thailand; United Arab Em.		✓		No data	commercial	Least Concern	Unknown		2018	22.58	Lower risk		
Actinopteri	Gobiiformes	Gobiidae	<i>Amblygobius</i>	<i>Amblygobius phalaena</i>	Whitebarred goby	29	Vanuatu		✓	✓ (moderate)	Common	commercial	Least Concern	Unknown		2020	10	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	<i>Amblygobius</i>	<i>Amblygobius sphynx</i>	Sphinx goby	15	Australia; Comoros; Indonesia; Japan; Madagascar; Mauritius; Micronesia; Mozambique; New Caledonia; Palau; Papua New Guinea; Philippines; RÅÙnion; Seychelles; Timor-Leste		✓	✓ (Very low)	No data	commercial	Least Concern	Unknown		2015	27.47	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	<i>Amblygobius</i>	<i>Amblygobius strophthalmus</i>	Freckled goby	7	Indonesia; Malaysia; Myanmar; New Caledonia; Philippines; Singapore; Thailand		✓		None	rarely	Least Concern	Unknown		2020	19.49	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	<i>Amblypomacentrus</i>	<i>Amblypomacentrus brevirosp</i>	Black-banded demosella	6	Australia; Indonesia; Papua New Guinea; Philippines; Solomon Is.; Timor-Leste		✓		No data	Unspecified	Least Concern	Unknown		2010	17.13	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	<i>Amblypomacentrus</i>	<i>Amblypomacentrus clarus</i>	Banggai demersal fish	3	Cambodia; Indonesia; Philippines		✓		No data	rarely	Least Concern	Unknown		2010	12.47	-	
Actinopteri	Tetraodontiformes	Tetraodontidae	<i>Amblyrhynchotes</i>	<i>Amblyrhynchotes florensis</i>	Evilive blaesop	10	China; Hong Kong; Marshall Is.; Mauritius; Micronesia; Mozambique; Seychelles; South Africa; Thailand; Wake I.		✓		No data	rarely	Least Concern	Unknown		2011	24.86	Lower risk	
Actinopteri	Acanthopterygii	Acanthopterygidae	<i>Amphichacterodon</i>	<i>Amphichacterodon lowensis</i>	Lord Howe Island butterflyfish	6	Australia; Kermadec Is.; Lord Howe I.; New Caledonia; New Zealand; Norfolk I.		✓		No data	commercial	Least Concern	Stable		2009	16.68	Lower risk	
Actinopteri	Acanthopterygii	Acanthopterygidae	<i>Amphichacterodon</i>	<i>Amphichacterodon mebae</i>	Narrow-barred butterflyfish	3	Desventuradas Is.; Easter I.; Juan FernÅÙndez		✓		No data	commercial	Data Deficient	Unknown		2009	16.68	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	<i>Amphipnon</i>	<i>Amphipnon akalagilans</i>	Silurk clownfish	13	South Africa; Tanzania; Thailand		✓	✓ (low)	Common	commercial	Least Concern	Unknown		2010	26.29	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	<i>Amphipnon</i>	<i>Amphipnon alabidius</i>	Barbar reef anemonefish	4	Australia; New Caledonia; Tonga; Viet Nam		✓	✓ (low)	Common	commercial	Least Concern	Unknown		2010	23.12	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	<i>Amphipnon</i>	<i>Amphipnon allardi</i>	Wortel anemonefish	9	Comoros; Kenya; Madagascar; Mauritius; Mozambique; RÅÙnion; Seychelles; South Africa; Tanzania		✓	✓ (low)	Rare	commercial	Least Concern	Unknown		2010	26.31	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	<i>Amphipnon</i>	<i>Amphipnon barberi</i>	Barber anemonefish	3	American Samoa; Fiji; Tonga		✓	✓ (Very low)	Common	rarely	not assessed	not assessed	not assessed		2022	22.42	Lower risk
Actinopteri	Ovalentaria	Pomacentridae	<i>Amphipnon</i>	<i>Amphipnon bicinctus</i>	Twoband anemonefish	14	Taiwan; Yemen		✓	✓ (low)	Common	commercial	Least Concern	Unknown		2010	25.07	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	<i>Amphipnon</i>	<i>Amphipnon chrysopterus</i>	Mauritian anemonefish	2	Madagascar; Mauritius		✓	✓ (low)	Captive bred (not for retail)	rarely	Least Concern	Unknown		2022	26.31	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	<i>Amphipnon</i>	<i>Amphipnon chrysopterus</i>	Orangefin anemonefish	24	Admiralty Is.; Australia; Caroline I.; Fiji; French Polynesia; Guam; Indonesia; Kiribati; Marshall Is.; Micronesia; New Caledonia; Niue; North Marianas; Palau; Papua New Guinea; Philippines; Samoa; Solomon Is.; Tahiti; Tonga; Tuamotu Is.; US Minor Is.; Vanuatu; Viet Nam		✓	✓ (low)	Rare	commercial	Least Concern	Unknown		2022	16.48	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	<i>Amphipnon</i>	<i>Amphipnon clarkii</i>	Yellowtail clownfish	38	Andaman Is.; Australia; Bahrain; China; Christmas I.; Cocos Is. (Keel); Fiji; Guam; Hong Kong; India; Indonesia; Japan; Korea (South); Kuwait; Malaysia; Maldives; Micronesia; New Caledonia; North Marianas; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Qatar; Ryukyu Is.; Saudi Arabia; Singapore; Solomon Is.; Sri Lanka; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; United Arab Em.; Vanuatu; Viet Nam		✓		Common	commercial	Least Concern	Unknown		2022	28.7	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	<i>Amphipnon</i>	<i>Amphipnon ephippium</i>	Saddle anemonefish	10	Andaman Is.; Brunei Darussalam; China; India; Indonesia; Malaysia; Myanmar; Singapore; Thailand; Viet Nam		✓	✓ (low)	Common	commercial	Least Concern	Unknown		2010	25.07	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	<i>Amphipnon</i>	<i>Amphipnon frenatus</i>	Tomato clownfish	14	Taiwan; Thailand; Viet Nam		✓	✓ (low)	Common	commercial	Least Concern	Unknown		2010	25.07	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	<i>Amphipnon</i>	<i>Amphipnon fuscicaudatus</i>	Seychelles anemonefish	1	Seychelles		✓		No data	commercial	Least Concern	Unknown		2010	25.07	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	<i>Amphipnon</i>	<i>Amphipnon latronatus</i>	White-band anemonefish	4	Australia; Lord Howe I.; New Caledonia; Norfolk I.		✓	✓ (Very low)	Moderate	commercial	Data Deficient	Unknown		2022	25.07	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	<i>Amphipnon</i>	<i>Amphipnon leucorhynchus</i>	Whitebonnet anemonefish	4	Australia; Indonesia; Papua New Guinea; Solomon Is.		✓		Captive bred (not for retail)	commercial	Least Concern	Unknown		2022	22.46	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	<i>Amphipnon</i>	<i>Amphipnon miculalchi</i>	Whitesnout anemonefish	1	Australia		✓		Rare	commercial	Vulnerable	Unknown		2022	23.46	Higher risk	
Actinopteri	Ovalentaria	Pomacentridae	<i>Amphipnon</i>	<i>Amphipnon melanopus</i>	Fire clownfish	17	Australia; Caroline I.; French Polynesia; Guam; Indonesia; Kiribati; Marshall Is.; Micronesia; New Caledonia; North Marianas; Palau; Papua New Guinea; Philippines; Solomon Is.; Timor-Leste; Vanuatu; Viet Nam		✓	✓ (low)	Common	commercial	Least Concern	Unknown		2010	24.65	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	<i>Amphipnon</i>	<i>Amphipnon nigripes</i>	Maldivian anemonefish	2	Maldives; Sri Lanka		✓	✓ (low)	Moderate	commercial	Least Concern	Unknown		2022	22.69	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	<i>Amphipnon</i>	<i>Amphipnon ocellaris</i>	Clown anemonefish	19	Andaman Is.; Australia; Brunei Darussalam; India; Indonesia; Japan; Malaysia; Myanmar; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Singapore; Solomon Is.; Taiwan; Thailand; Timor-Leste; Vanuatu; Viet Nam		✓	✓ (high)	Common	commercial	Least Concern	Unknown		2022	22.69	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	<i>Amphipnon</i>	<i>Amphipnon omianensis</i>	Oran anemonefish	3	Oman; Socotra Arch.; Yemen		✓		No data	Unspecified	Least Concern	Unknown		2010	25.07	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	<i>Amphipnon</i>	<i>Amphipnon percula</i>	Orange clownfish	9	Admiralty Is.; Australia; China; Hong Kong; Indonesia; Papua New Guinea; Philippines; Solomon Is.; Vanuatu		✓	✓ (moderate)	Common	commercial	Least Concern	Stable		2010	22.69	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	<i>Amphipnon</i>	<i>Amphipnon pendlerian</i>	Pink anemonefish	31	Viet Nam		✓	✓ (low)	Common	commercial	Least Concern	Stable		2010	25.99	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	<i>Amphipnon</i>	<i>Amphipnon polymus</i>	Saddleback clownfish	6	Australia; Cambodia; China; Hong Kong; Indonesia; Japan; Malaysia; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Taiwan; Thailand; Timor-Leste; Viet Nam		✓	✓ (low)	Common	commercial	Least Concern	Unknown		2010	24.47	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	<i>Amphipnon</i>	<i>Amphipnon rubrocinctus</i>	Red Anemonefish	1	Australia		✓	✓ (low)	Common	commercial	Least Concern	Unknown		2010	23.46	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	<i>Amphipnon</i>	<i>Amphipnon sandaracinus</i>	Yellow clownfish	14	Australia; Brunei Darussalam; Christmas I.; Indonesia; Japan; Malaysia; Micronesia; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Solomon Is.; Taiwan; Timor-Leste		✓	✓ (low)	Common	commercial	Least Concern	Unknown		2009	25.07	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	<i>Amphipnon</i>	<i>Amphipnon sebree</i>	Sebae anemonefish	7	Andaman Is.; India; Indonesia; Maldives; Oman; Pakistan; Sri Lanka		✓	✓ (low)	Moderate	commercial	Least Concern	Unknown		2022	27.47	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	<i>Amphipnon</i>	<i>Amphipnon thiletti</i>	Thilett's anemonefish	1	Philippines		✓		No data	commercial	not assessed	not assessed	not assessed		16.89	Moderate risk	
Actinopteri	Ovalentaria	Pomacentridae	<i>Amphipnon</i>	<i>Amphipnon tricoloratus</i>	Mason clownfish	3	Marshall Is.; New Caledonia; Viet Nam		✓	✓ (Very low)	Captive bred (not for retail)	commercial	Least Concern	Unknown		2010	30.54	Moderate risk	
Actinopteri	Espercaria	Labridae	<i>Anampses</i>	<i>Anampses caeruleopunctatus</i>	Bluespotted wrasse	56	Australia; Cook Is.; French Polynesia; Indonesia; Kiribati; Marshall Is.; Micronesia; New Caledonia; Norfolk I.; Pitcairn		✓	✓ (low)	None	commercial	Least Concern	Unknown		2008	40.08	Moderate risk	
Actinopteri	Espercaria	Labridae	<i>Anampses</i>	<i>Anampses chrysocephalus</i>	Red tail wrasse	2	Hawaii; Midway Is.		✓	✓ (low)	None	commercial	Least Concern	Stable		2009	29.85	Lower risk	
Actinopteri	Espercaria	Labridae	<i>Anampses</i>	<i>Anampses covei</i>	Pear wrasse	3	Hawaii; Johnston I.; Midway Is.		✓		No data	commercial	Least Concern	Stable		2009	34.91	Moderate risk	
Actinopteri	Espercaria	Labridae	<i>Anampses</i>	<i>Anampses elegans</i>	Elegant wrasse	10	Viet Nam		✓		No data	commercial	Least Concern	Stable		2009	34.73	Moderate risk	
Actinopteri	Espercaria	Labridae	<i>Anampses</i>	<i>Anampses femininus</i>	Blue-tipped orange tailwr	6	Australia; Easter I.; French Polynesia; Lord Howe I.; New Caledonia; Pitcairn		✓	✓ (low)	None	commercial	Least Concern	Stable		2009	31.13	Moderate risk	
Actinopteri	Espercaria	Labridae	<i>Anampses</i>	<i>Anampses georgianus</i>	Georgian wrasse	17	Papua New Guinea; Philippines; Ryukyu Is.; Taiwan; Timor-Leste; Tonga		✓	✓ (Very low)	None	commercial	Least Concern	Stable		2009	34.91	Moderate risk	
Actinopteri	Espercaria	Labridae	<i>Anampses</i>	<i>Anampses lemaud</i>	Blue-and-yellow wrasse	1	Australia		✓	✓ (Very low)	None	commercial	Least Concern	Stable		2009	33.42	Moderate risk	
Actinopteri	Espercaria	Labridae	<i>Anampses</i>	<i>Anampses lineatus</i>	Linead wrasse	15	South Africa; Tanzania; Viet Nam; Yemen		✓	✓ (low)	None	commercial	Data Deficient	Unknown		2008	22.77	Lower risk	
Actinopteri	Espercaria	Labridae	<i>Anampses</i>	<i>Anampses melanurus</i>	White-spotted wrasse	22	Vanuatu; Wake I.		✓	✓ (Very low)	No data	commercial	Least Concern	Unknown		2009	21.39	Lower risk	

Non-CITES-listed marine ornamental fish species (n=2105), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in International trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Class	Order	Taxonomy				No of native range States	Range States <i>List of native range States</i>	Evidence of species in International trade	Species imported in EU and/or US (% Imports)	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Extinction risk/vulnerability			
		Family	Genus	Species	Common Name									Red List year of assessment	Vulnerability (FishBase)	Likelihood of threat from International Trade	
Actinopteri	Eupercaria	Labridae	Anapomys	<i>Anapomys melagrides</i>	Spotted wrasse	41	Viet Nam	✓	✓ (low)	None	commercial	Least Concern	Stable	2009	29.85	Lower risk	
Actinopteri	Eupercaria	Labridae	Anapomys	<i>Anapomys neogalicius</i>	New Guinea wrasse	14	Australia; Fiji; Indonesia; Japan; Lord Howe I.; New Caledonia; Palau; Papua New Guinea; Philippines; Solomon Is.; Taiwan; Thailand; Tonga; Vanuatu	✓	✓ (very)	None	commercial	Least Concern	Stable	2009	34.69	Moderate risk	
Actinopteri	Eupercaria	Labridae	Anapomys	<i>Anapomys twisti</i>	Yellowbreasted wrasse	40	American Samoa; Australia; Chagos Is.; China; Christmas I.; Egypt; Fiji; French Polynesia; Guam; Indonesia; Japan; Jordan; Madagascar; Maldives; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; North Mariana; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Pitcairn; Réunion; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Somalia; South Africa; Sri Lanka; Taiwan; Tanzania; Timor-Leste; Tonga; Tuamotu Is.; Viet Nam; Yemen	✓	✓ (low)	None	commercial	Least Concern	Stable	2009	27.03	Lower risk	
Actinopteri	Eupercaria	Labridae	Anchocheilichthys	<i>Anchocheilichthys nitidus</i>	Natal wrasse	2	Mozambique; South Africa	✓	✓	None	rarely	Least Concern	Unknown	2009	61.56	Moderate risk	
Actinopteri	Eupercaria	Haemulidae	Anisotremus	<i>Anisotremus moricandii</i>	Browndraped grunt	5	Anaba; Brazil; Colombia; Panama; Venezuela	✓	✓	No data	rarely	Least Concern	Unknown	2011	25.41	-	
Actinopteri	Eupercaria	Haemulidae	Anisotremus	<i>Anisotremus curacaoensis</i>	Black mangrove	41	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Brazil; Cayman Is.; Colombia; Costa Rica; Cuba; Curaçao I.; Dominica; Dominican Rp; French Guiana; Grenada; Guadeloupe; Guatemala; Guyana; Haiti; Honduras; Jamaica; Martinique; Mexico; Montserrat; Neff Antilles; Nicaragua; Panama; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren; Suriname; Trinidad Tobago; Turks Caicos Is.; Uruguay; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓	No data	public aquariums	Data Deficient	Unknown	2016	56.47	Moderate risk	
Actinopteri	Eupercaria	Haemulidae	Anisotremus	<i>Anisotremus zambianus</i>	Blanchi parrotfish	10	Colombia; Costa Rica; Ecuador; El Salvador; Guatemala; Honduras; Mexico; Nicaragua; Panama; Peru	✓	✓	No data	rarely	Least Concern	Unknown	2007	32.15	Moderate risk	
Actinopteri	Eupercaria	Haemulidae	Anisotremus	<i>Anisotremus virginicus</i>	Parrotfish	38	Gren; Suriname; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (low)	Moderate	public aquariums	Least Concern	Unknown	2011	38	Moderate risk	
Actinopteri	Trachichthyiformes	Anomalopidae	Anomalops	<i>Anomalops katoptron</i>	Spilfin flashlightfish	20	American Samoa; Australia; Cook Is.; Fiji; Guam; Indonesia; Japan; Micronesia; New Caledonia; Niue; North Mariana; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Solomon Is.; Taiwan; Tonga; Tuamotu Is.; Vanuatu	✓	✓	Rare	commercial	Least Concern	Unknown	2010	18.57	Lower risk	
Actinopteri	Lophiiformes	Antennariidae	Antennarius	<i>Antennarius commerson</i>	Commerston's frogfish	28	American Samoa; Andaman Is.; Australia; Colombia; Ecuador; French Polynesia; Guam; Hawaii; Indonesia; Israel; Japan; Jordan; Lord Howe I.; Maldives; Mauritius; Mozambique; New Caledonia; Ogasawara Is.; Palau; Panama; Papua New Guinea; Philippines; Réunion; Samoa; Seychelles; South Africa; Taiwan; Thailand	✓	✓ (very low)	No data	rarely	Least Concern	Unknown	2022	23.35	Lower risk	
Actinopteri	Lophiiformes	Antennariidae	Antennarius	<i>Antennarius triporus</i>	Shaggy angler	19	Australia; China; Fiji; India; Indonesia; Korea (South); Malaysia; Mozambique; New Caledonia; Papua New Guinea; Philippines; Réunion; Seychelles; South Africa; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga	✓	✓ (very low)	No data	Unspecified	Least Concern	Unknown	2022	10	Lower risk	
Actinopteri	Lophiiformes	Antennariidae	Antennarius	<i>Antennarius indicus</i>	Indian frogfish	6	India; Iraq; Mozambique; Oman; Seychelles; Sri Lanka	✓	✓ (very low)	No data	rarely	Least Concern	Unknown	2022	11.94	Lower risk	
Actinopteri	Lophiiformes	Antennariidae	Antennarius	<i>Antennarius maculatus</i>	Warty frogfish	16	Australia; Egypt; French Polynesia; Guam; Hawaii; Indonesia; Maldives; Mauritius; New Caledonia; Palau; New Guinea; Philippines; Ryukyu Is.; Seychelles; Solomon Is.; Taiwan	✓	✓ (low)	None	commercial	Least Concern	Unknown	2022	10	Lower risk	
Actinopteri	Lophiiformes	Antennariidae	Antennarius	<i>Antennarius multifasciatus</i>	Longfure frogfish	32	Anguilla; Antigua Barbuda; Aruba; Ascension I.; Bahamas; Barbados; Belize; Bermuda; Brazil; Cayman Is.; Colombia; Cuba; Curaçao I.; Dominica; Dominican Rp; Grenada; Guadeloupe; Haiti; Jamaica; Martinique; Mexico; Montserrat; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓	No data	commercial	Least Concern	Unknown	2013	10	Lower risk	
Actinopteri	Lophiiformes	Antennariidae	Antennarius	<i>Antennarius pardalis</i>	Dwarf frogfish	16	Benin; Cameroon; Cape Verde; Congo; Cote d'Ivoire; Eq Guinea; Gabon; Ghana; Guinea; Guinea-Bissau; Liberia; Nigeria; Senegal; Sierra Leone; Togo	✓	✓	No data	rarely	Least Concern	Unknown	2013	10	-	
Actinopteri	Lophiiformes	Antennariidae	Antennarius	<i>Antennarius pavo-adustus</i>	Dwarf frogfish	9	Antigua Barbuda; Bahamas; Belize; Bermuda; Colombia; Cuba; Honduras; Puerto Rico; USA; Australia; Cambodia; Cocos Is. (Keel); Egypt; French Polynesia; Guam; Hawaii; India; Indonesia; Japan; Lord Howe I.; Madagascar; Maldives; Marshall Is.; Mauritius; Midway Is.; Mozambique; New Caledonia; Norfolk I.; North Mariana; Oman; Palau; Papua New Guinea; Philippines; Réunion; Samoa; Seychelles; South Africa; Sri Lanka; Tahiti; Taiwan; Tanzania; Tonga	✓	✓	No data	Unspecified	Least Concern	Unknown	2013	10	-	
Actinopteri	Lophiiformes	Antennariidae	Antennarius	<i>Antennarius pictus</i>	Painted frogfish	33	Taiwan; Tanzania; Tonga	✓	✓	No data	Unspecified	Least Concern	Unknown	2022	16	Lower risk	
Actinopteri	Lophiiformes	Antennariidae	Antennarius	<i>Antennarius striatus</i>	Striated frogfish	75	UK; Virgin Is. (US); West Sahara	✓	✓ (very low)	None	commercial	Least Concern	Stable	2013	13.16	Lower risk	
Actinopteri	Lophiiformes	Antennariidae	Antennarius	<i>Antennarius bermudensis</i>	Island frogfish	7	Bahamas; Bermuda; Colombia; Haiti; Puerto Rico; Trinidad Tobago; Venezuela	✓	✓	No data	rarely	Least Concern	Unknown	2013	10	-	
Actinopteri	Lophiiformes	Antennariidae	Antennatus	<i>Antennatus coccineus</i>	Scarlet frogfish	57	American Samoa; Andaman Is.; Australia; Cagadoco Carajon; Chagos Is.; Chile; China; Christmas I.; Cocos I. (C.R.); Comoros; Costa Rica; Deceitwaters Is.; Easter I.; Egypt; Fiji; French Polynesia; Galapagos Is.; Guam; Hawaii; India; Indonesia; Japan; Johnston I.; Jordan; Kiribati; Lord Howe I.; Madagascar; Malaysia; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Micronesia; Midway Is.; Mozambique; New Caledonia; Nicaragua; North Mariana; Oman; Palau; Panama; Papua New Guinea; Philippines; Pitcairn; Réunion; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Solomon Is.; South Africa; Sri Lanka; Taiwan; Tanzania; Thailand; Tonga; Vanuatu; Viet Nam	✓	✓	No data	commercial	not assessed	not assessed	not assessed	not assessed	10	-
Actinopteri	Lophiiformes	Antennariidae	Antennatus	<i>Antennatus nummifer</i>	Spotfin frogfish	52	American Samoa; Australia; Azores Is.; Bahrain; Canary Is.; Chile; China; Christmas I.; Comoros; Easter I.; Egypt; Eritrea; French Polynesia; Guam; Hawaii; Hong Kong; India; Indonesia; Iran; Israel; Japan; Kuwait; Lord Howe I.; Madagascar; Madeira Is.; Maldives; Marshall Is.; Mauritius; Mozambique; Myanmar; New Caledonia; New Zealand; North Mariana; Ogasawara Is.; Oman; Pakistan; Palau; Papua New Guinea; Philippines; Qatar; Réunion; Ryukyu Is.; Samoa; Saudi Arabia; South Africa; St Helena; St. Helena; Taiwan; Tanzania; Thailand; United Arab Em.; Vanuatu	✓	✓	No data	commercial	Least Concern	Unknown	2014	10	-	
Actinopteri	Lophiiformes	Antennariidae	Antennatus	<i>Antennatus tuberosus</i>	Tuberculated frogfish	34	Tahiti; Taiwan; Tonga; Tuamotu Is.; US Minor Is.; Vanuatu	✓	✓	No data	rarely	Least Concern	Unknown	2022	10	Lower risk	
Actinopteri	Perciformes/Serranidae	Serranidae	Athias	<i>Athias athias</i>	Smallmouth seaperch	48	Albania; Algeria; Angola; Azores Is.; Benin; Bosnia Herzegov.; Cameroon; Canary Is.; Cape Verde; Congo; Congo Dem Rep; Cote d'Ivoire; Croatia; Cyprus; Egypt; Eq Guinea; France; Gabon; Ghana; Gibraltar; Greece; Guinea; Guinea-Bissau; Israel; Italy; Lebanon; Liberia; Libya; Madeira Is.; Malta; Mauritania; Monaco; Montenegro; Morocco; Namibia; Nigeria; Portugal; Sao Tome Prnc.; Senegal; Sierra Leone; Slovenia; Spain; Syria; Togo; Tunisia; Turkey; West Sahara	✓	✓	Captive bred (unknown levels)	commercial	Least Concern	Stable	2013	37.56	Lower risk	
Actinopteri	Perciformes/Serranidae	Serranidae	Azygoderon	<i>Azygoderon leucogrammicus</i>	Slender grouper	45	Thailand; Timor-Leste; Tonga; Viet Nam	✓	✓ (very low)	None	rarely	Least Concern	Unknown	2016	52.18	Lower risk	
Actinopteri	Kurififormes	Apogonidae	Apogon	<i>Apogon atriradiatus</i>	Plain cardinalfish	3	Mexico; Phillipidgo; USA	✓	✓	No data	potential	Least Concern	Unknown	2008	10	-	
Actinopteri	Kurififormes	Apogonidae	Apogon	<i>Apogon aurifrenatus</i>	Birdie cardinalfish	7	Bahamas; Cayman Is.; Cuba; Curaçao I.; Mexico; USA; Venezuela	✓	✓	No data	Unspecified	Least Concern	Unknown	2011	10	-	
Actinopteri	Kurififormes	Apogonidae	Apogon	<i>Apogon bimaculatus</i>	Barrel cardinalfish	28	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Bermuda; Cayman Is.; Cuba; Curaçao I.; Dominica; Dominican Rp; Grenada; Guadeloupe; Mexico; Montserrat; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓	No data	Unspecified	Least Concern	Stable	2011	14.21	-	
Actinopteri	Kurififormes	Apogonidae	Apogon	<i>Apogon coccineus</i>	Ruby cardinalfish	46	Admiralty Is.; American Samoa; Andaman Is.; Australia; Bahrain; Chagos Is.; Christmas I.; Comoros; Djibouti; Easter I.; Egypt; Fiji; French Polynesia; Hawaii; India; Indonesia; Japan; Jordan; Kenya; Kuwait; Lord Howe I.; Madagascar; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Mozambique; New Caledonia; North Mariana; Oman; Palau; Papua New Guinea; Philippines; Qatar; Réunion; Samoa; Saudi Arabia; Seychelles; Socotra Arch.; South Africa; Sudan; Taiwan; Thailand; United Arab Em.; Viet Nam; Yemen	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2022	10	Lower risk	
Actinopteri	Kurififormes	Apogonidae	Apogon	<i>Apogon crassiceps</i>	Transparent cardinalfish	32	Leste; Tonga; Tuamotu Is.	✓	✓	No data	rarely	Least Concern	Unknown	2022	10	Lower risk	
Actinopteri	Kurififormes	Apogonidae	Apogon	<i>Apogon divii</i>	Tailspot cardinalfish	11	Peru	✓	✓	No data	Unspecified	Least Concern	Unknown	2008	10	Lower risk	
Actinopteri	Kurififormes	Apogonidae	Apogon	<i>Apogon erythrinus</i>	Hawaiian ruby cardinalfish	4	Guam; Hawaii; Johnston I.; Midway Is.	✓	✓	No data	rarely	Least Concern	Unknown	2022	10	Lower risk	
Actinopteri	Kurififormes	Apogonidae	Apogon	<i>Apogon imberbis</i>	Cardinal fish	42	Senegal; Sierra Leone; Slovenia; Spain; Syria; Togo; Tunisia; Turkey	✓	✓	No data	Unspecified	Least Concern	Stable	2012	15.08	Lower risk	

Non-CITES-listed marine ornamental fish species (n=2105), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Class	Order	Taxonomy				No of native range States	Range States	Evidence of species in International trade	Species imported in EU and/or USA (€ % Import)	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Extinction risk/vulnerability		
		Family	Genus	Species	Common Name									Vulnerability (FishBase)	Likelihood of threat from International trade	
Actinopteri	Kuriformes	Apogonidae	Apogon	<i>Apogon maculatus</i>	Flamefish	32	Anguilla, Antigua Barbuda, Aruba; Bahamas; Barbados; Belize; Bermuda; Brazil; Canada; Cayman Is.; Cuba; Curaçao I.; Dominica; Dominican Rp; Grenada; Guadeloupe; Haiti; Jamaica; Martinique; Mexico;Montserrat; Panama; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela;	✓	No data	commercial	Least Concern	Stable	2011	10.53	Lower risk	
Actinopteri	Kuriformes	Apogonidae	Apogon	<i>Apogon phoenax</i>	Broad cardinalfish	6	Bahamas; Cuba; Curaçao I.; Puerto Rico; Trinidad Tobago; USA	✓	No data	Unspecified	Least Concern	Unknown	2011	10	-	
Actinopteri	Kuriformes	Apogonidae	Apogon	<i>Apogon pinnatus</i>	Midway saddle cardinalfish	3	Bahamas; Puerto Rico; USA	✓	No data	Unspecified	Least Concern	Unknown	2011	10	Lower risk	
Actinopteri	Kuriformes	Apogonidae	Apogon	<i>Apogon platinifrons</i>	Pale cardinalfish	29	Anguilla, Antigua Barbuda, Aruba; Bahamas; Barbados; Belize; Brazil; Cayman Is.; Cuba; Curaçao I.; Dominica; Dominican Rp; Grenada; Guadeloupe; Haiti; Jamaica; Martinique; Mexico;Montserrat; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	No data	Unspecified	Least Concern	Stable	2011	12.01	-	
Actinopteri	Kuriformes	Apogonidae	Apogon	<i>Apogon pseudomaculatus</i>	Twospot cardinalfish	15	Trinidad Tobago; USA; Venezuela	✓	✓ (low)	None	commercial	Least Concern	Stable	2013	10.53	Lower risk
Actinopteri	Kuriformes	Apogonidae	Apogon	<i>Apogon quadrisquamatus</i>	Sawcheek cardinalfish	28	Anguilla, Antigua Barbuda, Aruba; Bahamas; Barbados; Brazil; Cayman Is.; Cuba; Curaçao I.; Dominica; Dominican Rp; Grenada; Guadeloupe; Jamaica; Martinique; Mexico;Montserrat; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Taiwan; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	No data	Unspecified	Least Concern	Unknown	2011	10	-	
Actinopteri	Kuriformes	Apogonidae	Apogon	<i>Apogon reticulatus</i>	Barspot cardinalfish	1	Mexico	✓	No data	potential	Least Concern	Unknown	2008	10	Lower risk	
Actinopteri	Kuriformes	Apogonidae	Apogon	<i>Apogon semiornatus</i>	Oblique-banded cardinalfish	25	Anguilla, Antigua Barbuda, Aruba; Bahamas; Barbados; Belize; Cayman Is.; Cuba; Curaçao I.; Dominica; Dominican Rp; Grenada; Guadeloupe; Haiti; Honduras; Jamaica; Martinique; Mexico;Montserrat; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	No data	Unspecified	Least Concern	Unknown	2011	10	-	
Actinopteri	Kuriformes	Apogonidae	Apogon	<i>Apogon towsendi</i>	Belted cardinalfish	28	Lucia; St Vincent Gren.; Trinidad Tobago; Turks Caicos Is.; USA; Virgin Is. (UK); Virgin Is. (US)	✓	No data	Unspecified	Least Concern	Stable	2010	10	Lower risk	
Actinopteri	Kuriformes	Apogonidae	<i>Apogonichthyoides</i>	<i>Apogonichthyoides melas</i>	Black cardinalfish	12	Australia; Cocos Is. (Keel); Indonesia; Japan; Malaysia; New Caledonia; Palau; Papua New Guinea; Philippines;	✓	Rare	Unspecified	Least Concern	Unknown	2022	11.53	Lower risk	
Actinopteri	Kuriformes	Apogonidae	<i>Apogonichthyoides</i>	<i>Apogonichthyoides opercularis</i>	Pearlycheek cardinalfish	1	Australia	✓	No data	rarely	Least Concern	Unknown	2022	10	Lower risk	
Actinopteri	Kuriformes	Apogonidae	<i>Apogonichthyoides</i>	<i>Apogonichthyoides sualis</i>	Twinbar cardinalfish	4	Bruni Darim; China; Japan; Philippines	✓	✓ (Very low)	No data	rarely	not assessed	not assessed	not assessed	12.93	Lower risk
Actinopteri	Kuriformes	Apogonidae	<i>Apogonichthyoides</i>	<i>Apogonichthyoides timorensis</i>	Timor cardinalfish	16	Seychelles; Solomon Is.; South Africa; Taiwan; Viet Nam	✓	No data	commercial	Least Concern	Unknown	2022	10	-	
Actinopteri	Acanthuriformes	Pomacentridae	<i>Apolemichthys</i>	<i>Apolemichthys arcuatus</i>	Bandit angelfish	3	Hawaii; Johnston I.; Midway Is.	✓	✓ (Very low)	Rare	commercial	Least Concern	Stable	2009	33.2	Moderate risk
Actinopteri	Acanthuriformes	Pomacentridae	<i>Apolemichthys</i>	<i>Apolemichthys armata</i>	Zumiate angelfish	2	Madagascar; Seychelles	✓	✓ (Very low)	No data	rarely	not assessed	not assessed	not assessed	34.91	Moderate risk
Actinopteri	Acanthuriformes	Pomacentridae	<i>Apolemichthys</i>	<i>Apolemichthys griffithi</i>	Griffith angelfish	7	Caroline I.; Indonesia; Kiribati; Micronesia; Nauru; Papua New Guinea; Solomon Is.	✓	✓ (Very low)	No data	Unspecified	Least Concern	Stable	2009	49.94	Moderate risk
Actinopteri	Acanthuriformes	Pomacentridae	<i>Apolemichthys</i>	<i>Apolemichthys ouatei</i>	Reunion angelfish	1	Réunion	✓	No data	Unspecified	Data Deficient	Unknown	2009	31.21	Moderate risk	
Actinopteri	Acanthuriformes	Pomacentridae	<i>Apolemichthys</i>	<i>Apolemichthys kinji</i>	Tiger angelfish	2	Mozambique; South Africa	✓	✓ (Very low)	No data	rarely	Least Concern	Unknown	2009	34.81	Higher risk
Actinopteri	Acanthuriformes	Pomacentridae	<i>Apolemichthys</i>	<i>Apolemichthys trimaculatus</i>	Threespot angelfish	34	American Samoa; Andaman Is.; Australia; Cargados Carajos; Chagos Is.; China; Christmas I.; Guam; Indonesia; Japan; Maldives; Mauritius; Micronesia; Mozambique; New Caledonia; North Marianas; Ogasawara Is.; Palau; Papua New Guinea; Philippines; RûUnion; Rodrigues; Ryukyu Is.; Samoa; Seychelles; Solomon Is.; Somalia; South Africa; Taiwan; Tanzania; Timor-Leste; Tonga; Vanuatu; Viet Nam	✓	✓ (low)	Captive bred (not for retail)	commercial	Least Concern	Stable	2009	37.1	Moderate risk
Actinopteri	Acanthuriformes	Pomacentridae	<i>Apolemichthys</i>	<i>Apolemichthys xanthurus</i>	Goldspotted angelfish	2	Caroline I.; Kiribati	✓	✓ (Very low)	Captive bred (not for retail)	commercial	Least Concern	Stable	2009	36.65	Moderate risk
Actinopteri	Acanthuriformes	Pomacentridae	<i>Apolemichthys</i>	<i>Apolemichthys xanthos</i>	Yellow-ear angelfish	10	Djibouti; Egypt; Eritrea; Israel; Jordan; Oman; Socotra Arch.; Somalia; Sudan; Yemen	✓	✓ (Very low)	No data	commercial	Least Concern	Stable	2009	40.92	Moderate risk
Actinopteri	Acanthuriformes	Pomacentridae	<i>Apolemichthys</i>	<i>Apolemichthys xanthos</i>	Yellowtail angelfish	9	Andaman Is.; India; Maldives; Mauritius; Myanmar; RûUnion; Rodrigues; Sri Lanka; Thailand	✓	✓ (Very low)	Rare	commercial	Least Concern	Unknown	2009	31.21	Moderate risk
Actinopteri	Eupercaria	Lutjanidae	<i>Agrion</i>	<i>Agrion viridescens</i>	Green jobfish	83	Yemen	✓	No data	commercial	Least Concern	Unknown	2015	61.35	-	
Actinopteri	Kuriformes	Apogonidae	<i>Archamia</i>	<i>Archamia bleekeri</i>	Gov's cardinalfish	17	Singapore; South Africa; Sri Lanka; Taiwan; Thailand; Viet Nam	✓	No data	rarely	not assessed	not assessed	not assessed	10	Lower risk	
Actinopteri	Eupercaria	Spinidae	<i>Archosargus</i>	<i>Archosargus probatocephalus</i>	Sheepshead	19	Honduras; Mexico; Nicaragua; Panama; Suriname; Trinidad Tobago; USA; Venezuela	✓	No data	public aquariums	Least Concern	Stable	2011	36.43	Moderate risk	
Actinopteri	Eupercaria	Spinidae	<i>Archosargus</i>	<i>Archosargus rhomboidalis</i>	Western Atlantic seabream	33	Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	No data	Unspecified	Least Concern	Unknown	2011	36.17	Moderate risk	
Actinopteri	Siluriformes	Ariidae	<i>Ariopsis</i>	<i>Ariopsis felis</i>	Hardhead sea catfish	2	Mexico; USA	✓	No data	Unspecified	Least Concern	Stable	2014	56.46	Lower risk	
Actinopteri	Tetraodontiformes	Tetraodontidae	<i>Arothron</i>	<i>Arothron caeruleopunctatus</i>	Blue-spotted puffer	11	Philippines; RûUnion	✓	No data	commercial	Least Concern	Unknown	2011	44.56	Moderate risk	
Actinopteri	Tetraodontiformes	Tetraodontidae	<i>Arothron</i>	<i>Arothron diadematus</i>	Masked puffer	2	Egypt; Jordan	✓	✓ (Very low)	None	rarely	Least Concern	Unknown	2011	24.86	Lower risk
Actinopteri	Tetraodontiformes	Tetraodontidae	<i>Arothron</i>	<i>Arothron hispidus</i>	White-spotted puffer	57	Andaman Is.; Australia; Cambodia; China; Christmas I.; Cocos Is. (Keel); Cook Is.; Costa Rica; Ecuador; Egypt; El Salvador; Fiji; French Polynesia; Galapagos Is.; Guam; Guatemala; Hawaii; Honduras; Hong Kong; India; Indonesia; Japan; Jordan; Korea (South); Lord Howe I.; Madagascar; Maldives; Marshall Is.; Mauritius; Mexico; Micronesia; Mozambique; New Caledonia; Nicaragua; New Zealand; North Marianas; Ogasawara Is.; Oman; Palau; Panama; Papua New Guinea; Philippines; RûUnion; Samoa; Saudi Arabia; Seychelles; Socotra Arch.; Solomon Is.; South Africa; Sri Lanka; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Vanuatu; Viet Nam	✓	✓ (low)	None	commercial	Least Concern	Unknown	2011	34.01	Moderate risk
Actinopteri	Tetraodontiformes	Tetraodontidae	<i>Arothron</i>	<i>Arothron immaculatus</i>	Immaculate puffer	38	Taiwan; Tanzania; Thailand; Timor-Leste; Vanuatu; Viet Nam; Yemen	✓	✓ (Very low)	No data	public aquariums	Least Concern	Unknown	2011	25.53	Lower risk
Actinopteri	Tetraodontiformes	Tetraodontidae	<i>Arothron</i>	<i>Arothron maclacis</i>	Narrow-lined puffer	21	Vanuatu	✓	✓ (Very low)	No data	Unspecified	Least Concern	Unknown	2009	25.1	Lower risk
Actinopteri	Tetraodontiformes	Tetraodontidae	<i>Arothron</i>	<i>Arothron mappa</i>	Map puffer	24	Timor-Leste; Tonga; Viet Nam; Wake I.	✓	✓ (low)	None	rarely	Least Concern	Unknown	2011	37.48	Moderate risk
Actinopteri	Tetraodontiformes	Tetraodontidae	<i>Arothron</i>	<i>Arothron melanoargis</i>	Guineafowl puffer	50	Tonga	✓	✓ (low)	None	commercial	Least Concern	Stable	2011	34.01	Moderate risk
Actinopteri	Tetraodontiformes	Tetraodontidae	<i>Arothron</i>	<i>Arothron nigropunctatus</i>	Blackspotted puffer	44	Leste; Tonga; Vanuatu; Viet Nam; Yemen	✓	✓ (low)	None	public aquariums	Least Concern	Unknown	2011	25.85	Lower risk
Actinopteri	Tetraodontiformes	Tetraodontidae	<i>Arothron</i>	<i>Arothron reticulatus</i>	Reticulated pufferfish	15	New Guinea; Philippines; Ryukyu Is.; Taiwan; Thailand	✓	No data	Unspecified	Least Concern	Unknown	2011	41.73	Moderate risk	
Actinopteri	Tetraodontiformes	Tetraodontidae	<i>Arothron</i>	<i>Arothron stellatus</i>	Stellate puffer	53	United Arab Em.; Viet Nam; Yemen	✓	✓ (Very low)	None	Unspecified	Least Concern	Unknown	2011	61.07	Moderate risk
Actinopteri	Perciformes/Cottolidae	Cottidae	<i>Arietus</i>	<i>Arietus harringtoni</i>	Scalyhead sculpin	3	Alaska; Canada; USA	✓	No data	public aquariums	not assessed	not assessed	not assessed	29.86	Lower risk	
Actinopteri	Blennioformes	Blenniidae	<i>Aspidontus</i>	<i>Aspidontus dussumieri</i>	Lance blenny	1	American Samoa; Australia; Chagos Is.; Cocos Is. (Keel); Egypt; French Polynesia; Guam; Indonesia; Japan; Jordan; Maldives; Marshall Is.; Micronesia; Mozambique; New Caledonia; Ogasawara Is.; Palau; Papua New Guinea;	✓	No data	commercial	Least Concern	Stable	2009	22.92	-	
Actinopteri	Blennioformes	Blenniidae	<i>Aspidontus</i>	<i>Aspidontus taenatus</i>	False cleanerfish	33	Timor-Leste; Tonga; Tuamotu Is.; Viet Nam	✓	No data	commercial	Least Concern	Stable	2009	22.15	-	
Actinopteri	Blennioformes	Blenniidae	<i>Aspidontus</i>	<i>Aspidontus tractus</i>		10	Tanzania	✓	No data	rarely	Least Concern	Stable	2009	19.5	-	
Actinopteri	Ovalentaria	Plesioipidae	<i>Assessor</i>	<i>Assessor faveosinus</i>	Yellow devilfish	2	Australia; Papua New Guinea	✓	✓ (low)	Moderate	Least Concern	Unknown	2022	12.47	Lower risk	
Actinopteri	Ovalentaria	Plesioipidae	<i>Assessor</i>	<i>Assessor macrolepis</i>	Blue devilfish	4	Australia; New Caledonia; Papua New Guinea; Taiwan	✓	✓ (low)	Common	commercial	Least Concern	Unknown	2022	12.47	Lower risk

Non-CITES-listed marine ornamental fish species (n=2105), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by Fishbase. Information on the data sources are provided in the

Taxonomy				Range States		Evidence of species in international trade	Species imported in EU and/or UK (% imports)	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Extinction risk/vulnerability		Likelihood of threat from international trade	
Class	Order	Family	Genus	Species	Common Name							No of native range States	List of native range States		Red List year of assessment
Actinopteri	Ovalentaria	Pseudochromidae	<i>Assoulus</i>	<i>Assoulus punctatus</i>	Common Name	1	Australia	-	-	14.62	-	2022	14.62	-	
Actinopteri	Gobiiformes	Gobiidae	<i>Asteropteryx</i>	<i>Asteropteryx semipunctata</i>	Starry goby	1	American Samoa; Andaman Is.; Australia; Bahrain; Caroline Is.; Chagos Is.; China; Cocos Is. (Keel); Cook Is.; Fiji; French Polynesia; Guam; Hawaii; Hong Kong; India; Indonesia; Japan; Jordan; Kenya; Kiribati; Korea (South); Kuwait; Lord Howe I.; Maldives; Marshall Is.; Micronesia; Mozambique; New Caledonia; North Marianas; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Qatar; R��union; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; 47 South Africa; Sudan; Taiwan; Tonga; Tuamotu Is.; United Arab Em.; Viet Nam	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Bermuda; Brazil; Cayman Is.; Cuba; Cura��o I.; Dominica; Dominican Rp.; Grenada; Guadeloupe; Haiti; Jamaica; Martinique; Mexico; Montserrat; Puerto Rico; St. Kitts Nevis; St. Lucia; St. Vincent Gren.; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	-	commercial	Least Concern	Unknown	2018	10	-
Actinopteri	Kuriiformes	Apogonidae	<i>Astragopon</i>	<i>Astragopon stellatus</i>	Corchfish	30	(US)	-	-	10	-	2011	10	Lower risk	
Elasmobranchii	Carcharhiniformes	Scyliorhinidae	<i>Alopiocentrus</i>	<i>Alopiocentrus ballerus</i>	Ball catshark	1	Indonesia	0	0	37.58	Least Concern	Unknown	2020	37.58	Lower risk
Elasmobranchii	Carcharhiniformes	Scyliorhinidae	<i>Alopiocentrus</i>	<i>Alopiocentrus edwardsi</i>	Spotted belly catshark	1	Indonesia	-	-	39.53	Least Concern	Stable	2020	39.53	-
Elasmobranchii	Carcharhiniformes	Scyliorhinidae	<i>Alopiocentrus</i>	<i>Alopiocentrus maculayi</i>	Marbled catshark	1	Australia	-	-	44.84	Least Concern	Unknown	2015	44.84	Lower risk
Elasmobranchii	Carcharhiniformes	Scyliorhinidae	<i>Alopiocentrus</i>	<i>Alopiocentrus marginatus</i>	Coral catshark	19	Bangladesh; Cambodia; China; Hong Kong; India; Indonesia; Japan; Macau; Malaysia; Myanmar; Pakistan; Papua New Guinea; Philippines; Singapore; Sri Lanka; Taiwan; Thailand; Timor-Leste; Viet Nam	Anguilla; French Polynesia; Jordan; Marshall Is.; New Caledonia; Pakistan; Ryukyu Is.; Socotra Arch.; Timor-Leste; 10 Yemen	0	52.42	Near Threatened	Decreasing	2020	52.42	Moderate risk
Actinopteri	Blenniiformes	Blenniidae	<i>Atrosalarias</i>	<i>Atrosalarias fuscus</i>	-	13	New Guinea; Philippines; Indonesia; Japan; Malaysia; Marshall Is.; Micronesia; New Caledonia; Palau; Papua New Guinea	Australia; French Polynesia; Indonesia; Japan; Malaysia; Marshall Is.; Micronesia; New Caledonia; Palau; Papua New Guinea; Philippines; Singapore; Sri Lanka; Taiwan	0	24.63	Least Concern	Stable	2009	24.63	Lower risk
Actinopteri	Blenniiformes	Blenniidae	<i>Atrosalarias</i>	<i>Atrosalarias holomelas</i>	Brown coral blenny	13	New Guinea; Philippines; Indonesia; Japan; Malaysia; Marshall Is.; Tonga	Australia; French Polynesia; Indonesia; Japan; Malaysia; Marshall Is.; Micronesia; New Caledonia; Palau; Papua New Guinea	-	24.63	Least Concern	Unknown	2012	24.63	-
Actinopteri	Centrarchiformes	Microcanthidae	<i>Atychtylus</i>	<i>Atychtylus latus</i>	Eastern footballer	5	Australia; Kiribati; St. Helena; St. Kitts Nevis; St. Lucia; St. Vincent Gren.	Australia; Kiribati; St. Helena; St. Kitts Nevis; St. Lucia; St. Vincent Gren.	0	40.33	not assessed	not assessed	not assessed	40.33	Moderate risk
Actinopteri	Centrarchiformes	Microcanthidae	<i>Atychtylus</i>	<i>Atychtylus strigatus</i>	Australian mado	3	Australia; Kiribati; St. Helena; St. Kitts Nevis; St. Lucia; St. Vincent Gren.	Australia; Kiribati; St. Helena; St. Kitts Nevis; St. Lucia; St. Vincent Gren.	0	28.95	Least Concern	Unknown	2009	28.95	Lower risk
Actinopteri	Synbranchiformes	Aulostomidae	<i>Aulostomus</i>	<i>Aulostomus chinensis</i>	Chinese trumpetfish	56	Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Vanuatu; Viet Nam	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Bermuda; Brazil; Cayman Is.; Colombia; Costa Rica; Cuba; Cura��o I.; Dominica; Dominican Rp.; French Guiana; Grenada; Guadeloupe; Guatemala; Guyana; Haiti; Honduras; Jamaica; Martinique; Mexico; Nicaragua; Panama; Puerto Rico; St. Kitts Nevis; St. Lucia; St. Paul & Rocks; 39 St. Vincent Gren.; Suriname; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	0	33.78	Least Concern	Unknown	2014	33.78	Lower risk
Actinopteri	Synbranchiformes	Aulostomidae	<i>Aulostomus</i>	<i>Aulostomus maculatus</i>	Trumpetfish	56	Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Vanuatu; Viet Nam	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Bermuda; Brazil; Cayman Is.; Colombia; Costa Rica; Cuba; Cura��o I.; Dominica; Dominican Rp.; French Guiana; Grenada; Guadeloupe; Guatemala; Guyana; Haiti; Honduras; Jamaica; Martinique; Mexico; Nicaragua; Panama; Puerto Rico; St. Kitts Nevis; St. Lucia; St. Paul & Rocks; 39 St. Vincent Gren.; Suriname; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	0	49.99	Least Concern	Decreasing	2013	49.99	Lower risk
Actinopteri	Tetraodontiformes	Balistidae	<i>Balistapus</i>	<i>Balistapus undulatus</i>	Orange-lined triggerfish	51	Yemen	Algeria; Angola; Antigua Barbuda; Argentina; Aruba; Ascension I.; Bahamas; Barbados; Belize; Benin; Bermuda; Brazil; Canada; Cape Verde; Colombia; Costa Rica; Cuba; Cura��o I.; Cyprus; Dominica; Dominican Rp.; France; French Guiana; Gabon; Gibraltar; Greece; Grenada; Guatemala; Guinea; Guinea-Bissau; Guyana; Haiti; Honduras; Ireland; Italy; Jamaica; Lebanon; Madeira Is.; Malta; Mauritania; Mexico; Netherlands; Nicaragua; Norway; Panama; Portugal; Puerto Rico; Sao Tome Prnc.; Slovenia; Spain; St. Helena; St. Kitts Nevis; St. Lucia; St. Vincent Gren.; Suriname; Sweden; Syria; Trinidad Tobago; Turkey; UK; Uruguay; USA; Venezuela	0	29.77	Least Concern	Unknown	2022	29.77	Lower risk
Actinopteri	Tetraodontiformes	Balistidae	<i>Balistes</i>	<i>Balistes capricornus</i>	Grey triggerfish	21	Benin; Cameroon; Canary Is.; Cape Verde; Congo; Congo Dem. Rep.; Cote d'Ivoire; Eq. Guinea; Gabon; Gambia; Guinea; Guinea-Bissau; Liberia; Mauritania; Nigeria; Sao Tome Prnc.; Senegal; Sierra Leone; Togo	Anguilla; Antigua Barbuda; Aruba; Ascension I.; Azores Is.; Bahamas; Barbados; Belize; Bermuda; Brazil; Canada; Cape Verde; Cayman Is.; Colombia; Costa Rica; Cuba; Cura��o I.; Dominica; Dominican Rp.; Eq. Guinea; French Guiana; Gambia; Grenada; Guadeloupe; Guatemala; Guinea; Guinea-Bissau; Guyana; Haiti; Honduras; Jamaica; Martinique; Mauritania; Mexico; Montserrat; Mozambique; Netherlands; Nicaragua; Panama; Puerto Rico; Senegal; Sierra Leone; St. Kitts Nevis; St. Lucia; St. Vincent Gren.; Suriname; Trinidad Tobago; Turkey; UK; Uruguay; USA; Venezuela	0	34.82	Vulnerable	Decreasing	2011	34.82	Higher risk
Actinopteri	Tetraodontiformes	Balistidae	<i>Balistes</i>	<i>Balistes punctatus</i>	Bluespotted triggerfish	21	Benin; Cameroon; Canary Is.; Cape Verde; Congo; Congo Dem. Rep.; Cote d'Ivoire; Eq. Guinea; Gabon; Gambia; Guinea; Guinea-Bissau; Liberia; Mauritania; Nigeria; Sao Tome Prnc.; Senegal; Sierra Leone; Togo	Anguilla; Antigua Barbuda; Aruba; Ascension I.; Azores Is.; Bahamas; Barbados; Belize; Bermuda; Brazil; Canada; Cape Verde; Cayman Is.; Colombia; Costa Rica; Cuba; Cura��o I.; Dominica; Dominican Rp.; Eq. Guinea; French Guiana; Gambia; Grenada; Guadeloupe; Guatemala; Guinea; Guinea-Bissau; Guyana; Haiti; Honduras; Jamaica; Martinique; Mauritania; Mexico; Montserrat; Mozambique; Netherlands; Nicaragua; Panama; Puerto Rico; Senegal; Sierra Leone; St. Kitts Nevis; St. Lucia; St. Vincent Gren.; Suriname; Trinidad Tobago; Turkey; UK; Uruguay; USA; Venezuela	0	33.53	Vulnerable	Decreasing	2011	33.53	Higher risk
Actinopteri	Tetraodontiformes	Balistidae	<i>Balistes</i>	<i>Balistes vetula</i>	Queen triggerfish	54	Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	Anguilla; Antigua Barbuda; Aruba; Ascension I.; Azores Is.; Bahamas; Barbados; Belize; Bermuda; Brazil; Canada; Cape Verde; Cayman Is.; Colombia; Costa Rica; Cuba; Cura��o I.; Dominica; Dominican Rp.; Eq. Guinea; French Guiana; Gambia; Grenada; Guadeloupe; Guatemala; Guinea; Guinea-Bissau; Guyana; Haiti; Honduras; Jamaica; Martinique; Mauritania; Mexico; Montserrat; Mozambique; Netherlands; Nicaragua; Panama; Puerto Rico; Senegal; Sierra Leone; St. Kitts Nevis; St. Lucia; St. Vincent Gren.; Suriname; Trinidad Tobago; Turkey; UK; Uruguay; USA; Venezuela	0	36.2	Near Threatened	Decreasing	2011	36.2	Higher risk
Actinopteri	Tetraodontiformes	Balistidae	<i>Balistras</i>	<i>Balistras conspicillum</i>	Clown triggerfish	40	Maldives; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; Niue; North Marianas; Ogasawara Is.; Palau; Papua New Guinea; Philippines; R��union; Samoa; Seychelles; Socotra Arch.; Tanzania; Timor-Leste; Tonga	American Samoa; Andaman Is.; Australia; Cambodia; Caroline Is.; Chagos Is.; China; Christmas I.; Cook Is.; Egypt; Fiji; French Polynesia; Guam; India; Indonesia; Japan; Kiribati; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Micronesia; Mozambique; Myanmar; New Caledonia; Niue; North Marianas; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Pitcairn; R��union; Rodriguez; Samoa; Tonga; Tuamotu Is.; Vanuatu; Viet Nam; Yemen	0	37.89	Least Concern	Unknown	2022	37.89	Lower risk
Actinopteri	Tetraodontiformes	Balistidae	<i>Balistras</i>	<i>Balistras virens</i>	Titan triggerfish	48	Tanzania; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Vanuatu; Viet Nam; Yemen	American Samoa; Andaman Is.; Australia; Cambodia; Caroline Is.; Chagos Is.; China; Christmas I.; Cook Is.; Egypt; Fiji; French Polynesia; Guam; India; Indonesia; Japan; Kiribati; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Micronesia; Mozambique; Myanmar; New Caledonia; Niue; North Marianas; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Pitcairn; R��union; Samoa; Seychelles; Singapore; Socotra Arch.; Somalia; South Africa; Sri Lanka; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Vanuatu; Viet Nam; Yemen	0	53.22	Least Concern	Unknown	2022	53.22	Lower risk
Actinopteri	Gobiiformes	Gobiidae	<i>Barballier</i>	<i>Barballier confucius</i>	Bearded goby	10	Bahamas; Brazil; Colombia; Mexico; Puerto Rico; Trinidad Tobago; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	American Samoa; Australia; Cargados Carajos; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); French Polynesia; Guam; Hawaii; Indonesia; Japan; Johnston I.; Lord Howe I.; Madagascar; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Micronesia; Mozambique; Myanmar; New Caledonia; Niue; North Marianas; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Pitcairn; R��union; Rodriguez; Samoa; Tonga; Tuamotu Is.	0	20.10	Least Concern	Unknown	2010	20.10	-
Actinopteri	Gobiiformes	Gobiidae	<i>Bathygobius</i>	<i>Bathygobius coccineus</i>	Cocco fringed goby	32	Seychelles; South Africa; Taiwan; Tonga; Tuamotu Is.	Colombia; Costa Rica; Ecuador; El Salvador; Guatemala; Honduras; Mexico; Nicaragua; Panama; Peru	0	21.88	Least Concern	Stable	2017	21.88	-
Actinopteri	Gobiiformes	Gobiidae	<i>Bathygobius</i>	<i>Bathygobius ramirezi</i>	Panama hillfin	7	Australia; Cambodia; Indonesia; Malaysia; Papua New Guinea; Singapore; Thailand	Colombia; Costa Rica; Ecuador; El Salvador; Guatemala; Honduras; Mexico; Nicaragua; Panama; Peru	0	28.87	Least Concern	Stable	2017	28.87	-
Actinopteri	Batrachoidiformes	Batrachoididae	<i>Batrachomoeus</i>	<i>Batrachomoeus tinis</i>	Three-spined frogfish	8	Australia; Indonesia; Japan; Lord Howe I.; New Caledonia; Philippines; Ryukyu Is.; Taiwan	American Samoa; Australia; Chagos Is.; Christmas I.; Comoros; Fiji; French Polynesia; Guam; Indonesia; Japan; Malaysia; Maldives; Marshall Is.; Mauritius; Mayotte; Micronesia; Mozambique; New Caledonia; North Marianas; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Seychelles; Solomon Is.; Somalia; South Africa; Taiwan; Tanzania; Tonga	0	10.53	Least Concern	Unknown	2022	10.53	Lower risk
Actinopteri	Ovalentaria	Pleuropterygidae	<i>Belongopterygion</i>	<i>Belongopterygion fasciolum</i>	Barred spiny basslet	8	Australia; Indonesia; Japan; Lord Howe I.; New Caledonia; Philippines; Ryukyu Is.; Taiwan	American Samoa; Australia; Chagos Is.; Christmas I.; Comoros; Fiji; French Polynesia; Guam; Indonesia; Japan; Malaysia; Maldives; Marshall Is.; Mauritius; Mayotte; Micronesia; Mozambique; New Caledonia; North Marianas; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Seychelles; Solomon Is.; Somalia; South Africa; Taiwan; Tanzania; Tonga	0	10.53	Least Concern	Unknown	2022	10.53	Lower risk
Actinopteri	Perciformes/Serranoidi	Serranidae	<i>Belontioperca</i>	<i>Belontioperca chabanaisi</i>	Arrowhead soapfish	31	Tanzania; Tonga	American Samoa; Australia; Chagos Is.; Christmas I.; Comoros; Fiji; French Polynesia; Guam; Indonesia; Japan; Malaysia; Maldives; Marshall Is.; Mauritius; Mayotte; Micronesia; Mozambique; New Caledonia; North Marianas; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Seychelles; Solomon Is.; Somalia; South Africa; Taiwan; Tanzania; Tonga	0	21.56	Least Concern	Unknown	2015	21.56	Lower risk
Actinopteri	Blenniiformes	Blenniidae	<i>Blemniella</i>	<i>Blemniella chryssipolis</i>	Red-spotted blenny	31	Yanabu; Viet Nam	American Samoa; Australia; Chagos Is.; Christmas I.; Comoros; Fiji; French Polynesia; Guam; Indonesia; Japan; Malaysia; Maldives; Marshall Is.; Mauritius; Mayotte; Micronesia; Mozambique; New Caledonia; North Marianas; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Seychelles; Solomon Is.; Somalia; South Africa; Taiwan; Tanzania; Tonga	0	27.68	Least Concern	Stable	2009	27.68	Lower risk
Actinopteri	Blenniiformes	Blenniidae	<i>Blemniella</i>	<i>Blemniella gibbifrons</i>	Hump-headed blenny	7	Indonesia; Palau; Papua New Guinea; Philippines; Solomon Is.; Taiwan; Vanuatu	American Samoa; Chagos Is.; Comoros; Cook Is.; French Polynesia; Guam; Hawaii; Japan; Johnston I.; Kiribati; Madagascar; Marquesas Is.; Marshall Is.; Mauritius; Micronesia; Miyako Is.; Mozambique; Niue; North Marianas; 29 Palau; Pitcairn; R��union; Seychelles; South Africa; Tahiti; Tanzania; Tuamotu Is.; US Minor Is.; Wake I.	0	26.5	Least Concern	Stable	2009	26.5	Lower risk
Actinopteri	Blenniiformes	Blenniidae	<i>Blemniella</i>	<i>Blemniella interrupta</i>	Dashed-line blenny	7	Indonesia; Palau; Papua New Guinea; Philippines; Solomon Is.; Taiwan; Vanuatu	American Samoa; Chagos Is.; Comoros; Cook Is.; French Polynesia; Guam; Hawaii; Japan; Johnston I.; Kiribati; Madagascar; Marquesas Is.; Marshall Is.; Mauritius; Micronesia; Miyako Is.; Mozambique; Niue; North Marianas; 29 Palau; Pitcairn; R��union; Seychelles; South Africa; Tahiti; Tanzania; Tuamotu Is.; US Minor Is.; Wake I.	0	13.79	Least Concern	Stable	2009	13.79	Lower risk
Actinopteri	Blenniiformes	Blenniidae	<i>Blemniella</i>	<i>Blemniella periphthalmus</i>	Blue-dashed rockciper	47	Africa; Sudan; Taiwan; Tanzania; Thailand; Tuamotu Is.; United Arab Em.; Yemen	American Samoa; Andaman Is.; Australia; Bahrain; Cargados Carajos; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Comoros; Cook Is.; Egypt; ��tre; Fiji; India; Indonesia; Japan; Jordan; Kenya; Kuwait; Madagascar; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Mozambique; New Caledonia; North Marianas; Oman; Palau; Papua New Guinea; Philippines; Qatar; R��union; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Solomon Is.; South Africa; Sudan; Taiwan; Tanzania; Thailand; Tuamotu Is.; United Arab Em.; Yemen	0	30.38	Least Concern	Stable	2009	30.38	Moderate risk
Actinopteri	Ovalentaria	Pseudochromidae	<i>Blinodromus</i>	<i>Blinodromus sculptaris</i>	Ocellate eel blenny	1	Australia	-	-	21.17	Least Concern	Unknown	2009	21.17	-
Actinopteri	Esperacaria	Labridae	<i>Bodianus</i>	<i>Bodianus abrotanurus</i>	-	2	Hawaii; Johnston I.	American Samoa; Australia; Caroline I.; Chagos Is.; Christmas I.; Cocos Is. (Keel); Cook Is.; Egypt; French Polynesia; Guam; Indonesia; Japan; Jordan; Kiribati; Maldives; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; North Marianas; Palau; Papua New Guinea; Philippines; Pitcairn; R��union; Samoa; Seychelles; Solomon Is.; Socotra Arch.; Tanzania; Tuamotu Is.; US Minor Is.; Wake I.	0	45.76	Least Concern	Unknown	2009	45.76	-
Actinopteri	Esperacaria	Labridae	<i>Bodianus</i>	<i>Bodianus anthoides</i>	Lyletail hogfish	5	Mauritius; Mozambique; R��union; Rodriguez; South Africa	American Samoa; Australia; Caroline I.; Chagos Is.; Christmas I.; Cocos Is. (Keel); Cook Is.; Egypt; French Polynesia; Guam; Indonesia; Japan; Jordan; Kiribati; Maldives; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; North Marianas; Palau; Papua New Guinea; Philippines; Pitcairn; R��union; Samoa; Seychelles; Solomon Is.; Socotra Arch.; Tanzania; Tuamotu Is.; US Minor Is.; Wake I.	0	38.58	Least Concern	Unknown	2008	38.58	Moderate risk
Actinopteri	Esperacaria	Labridae	<i>Bodianus</i>	<i>Bodianus arolambus</i>	Palibar hogfish	5	Mauritius; Mozambique; R��union; Rodriguez; South Africa	American Samoa; Australia; Caroline I.; Chagos Is.; Christmas I.; Cocos Is. (Keel); Cook Is.; Egypt; French Polynesia; Guam; Indonesia; Japan; Jordan; Kiribati; Maldives; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; North Marianas; Palau; Papua New Guinea; Philippines; Pitcairn; R��union; Samoa; Seychelles; Solomon Is.; Socotra Arch.; Tanzania; Tuamotu Is.; US Minor Is.; Wake I.	0	44.42	Least Concern	Unknown	2008	44.42	Moderate risk
Actinopteri	Esperacaria	Labridae	<i>Bodianus</i>	<i>Bodianus axillaris</i>	Axillpot hogfish	48	Tanzania; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Vanuatu; Viet Nam; Yemen	American Samoa; Australia; Caroline I.; Chagos Is.; Christmas I.; Cocos Is. (Keel); Cook Is.; Egypt; French Polynesia; Guam; Indonesia; Japan; Jordan; Kiribati; Maldives; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; North Marianas; Palau; Papua New Guinea; Philippines; Pitcairn; R��union; Samoa; Seychelles; Solomon Is.; Socotra Arch.; Tanzania; Tuamotu Is.; US Minor Is.; Wake I.	0	34.69	Least Concern	Unknown	2008	34.69	Moderate risk

Non-CITES-listed marine ornamental fish species (n=2105), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Taxonomy						Range States		Evidence of species in International trade				Extinction risk/vulnerability				
Class	Order	Family	Genus	Species	Common Name	No of native range States	List of native range States	Evidence of species in International trade	Species Imported in EU and/or UK (%) Imports	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Red List year of assessment	Vulnerability (FishBase)	Level of threat from International trade
Actinopteri	Euperacaria	Labridae	Bodianus	<i>Bodianus bilunulatus</i>	Tarty hogfish	1	Australia; Brunei Darussalam; China; French Polynesia; Hong Kong; Indonesia; Japan; Kenya; Korea (South); Madagascar; Malaysia; Maldives; Mauritius; Micronesia; Mozambique; New Caledonia; Ogasawara Is.; Palau; Papua New Guinea; Philippines; R�union; Ryukyu Is.; Seychelles; Socotra Arch.; South Africa; South America; Tanzania; Thailand; Yemen	✓	✓ (Very low)	None	commercial	Least Concern	Unknown	2008	53.04	Moderate risk
Actinopteri	Euperacaria	Labridae	Bodianus	<i>Bodianus bimaculatus</i>	Twospot hogfish	20	Australia; Egypt; Fiji; Indonesia; Japan; Madagascar; Maldives; Marshall Is.; Mauritius; New Caledonia; New Zealand; Palau; Papua New Guinea; Philippines; R�union; Ryukyu Is.; South Africa; Taiwan; Timor-Leste; Viet Nam	✓	✓ (low)	None	commercial	Least Concern	Unknown	2008	12.93	Lower risk
Actinopteri	Euperacaria	Labridae	Bodianus	<i>Bodianus dana</i>	Diana's hogfish	20	Andaman Is.; Chagos Is.; Christmas I.; Cocos Is. (Keel); Egypt; Kenya; Maldives; Mauritius; Mozambique; Pakistan; R�union; Saudi Arabia; Seychelles; Socotra Arch.; South Africa; Sri Lanka; Sudan; Tanzania; Thailand; Yemen	✓	✓ (low)	None	commercial	Least Concern	Unknown	2008	31.16	Moderate risk
Actinopteri	Euperacaria	Labridae	Bodianus	<i>Bodianus dicryma</i>	Redfin hogfish	17	Australia; Indonesia; Japan; Kiribati; Malaysia; Marshall Is.; Micronesia; New Caledonia; Palau; Papua New Guinea; Chile; Clipperton I.; Cocos I. (P.R.); Colombia; Costa Rica; Ecuador; El Salvador; Galapagos Is.; Guatemala	✓	No data	None	rarely	Least Concern	Unknown	2008	28.7	-
Actinopteri	Euperacaria	Labridae	Bodianus	<i>Bodianus diglossa</i>	Marlin hogfish	14	Honduras; Mexico; Nicaragua; Panama; Peru	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2007	61.24	Moderate risk
Actinopteri	Euperacaria	Labridae	Bodianus	<i>Bodianus eclancheri</i>	Hexlequin wrasse	4	Chile; Ecuador; Galapagos Is.; Peru	✓	No data	commercial	Least Concern	Unknown	2007	85.27	Unknown	
Actinopteri	Euperacaria	Labridae	Bodianus	<i>Bodianus frenatus</i>	Fourfish	1	Australia	✓	No data	commercial	Least Concern	Unknown	2008	46.54	Higher risk	
Actinopteri	Euperacaria	Labridae	Bodianus	<i>Bodianus lineatus</i>	Striped pigfish	7	Australia; Indonesia; Japan; New Caledonia; Palau; Papua New Guinea; Taiwan	✓	No data	commercial	Data Deficient	Unknown	2008	22.42	Lower risk	
Actinopteri	Euperacaria	Labridae	Bodianus	<i>Bodianus lineatus</i>	Blackfin hogfish	12	American Samoa; Australia; China; Cook Is.; French Polynesia; Guam; Indonesia; Japan; Kiribati; Malaysia; Marshall Is.; New Caledonia; Niue; North Mariana; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Taiwan; Tonga; Tuamotu Is.; Viet Nam	✓	No data	commercial	Least Concern	Unknown	2008	44.21	Moderate risk	
Actinopteri	Euperacaria	Labridae	Bodianus	<i>Bodianus macrurus</i>	Black-banded hogfish	5	Caracas; Mauritius; R�union; Seychelles; Viet Nam	✓	✓ (Very low)	None	rarely	Least Concern	Unknown	2008	35.18	Moderate risk
Actinopteri	Euperacaria	Labridae	Bodianus	<i>Bodianus nasutus</i>	Blackfin hogfish	6	Indonesia; Japan; New Caledonia; Norfolk I.; Ryukyu Is.; Taiwan	✓	✓ (Very low)	None	rarely	Least Concern	Unknown	2008	25.41	Lower risk
Actinopteri	Euperacaria	Labridae	Bodianus	<i>Bodianus nigrifrons</i>	Blackfin hogfish	19	Andaman Is.; Australia; China; Christmas I.; Fiji; Hong Kong; Indonesia; Japan; Malaysia; Micronesia; Myanmar; New Caledonia; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Solomon Is.; Taiwan; Thailand	✓	✓ (low)	None	commercial	Least Concern	Unknown	2008	31.86	Moderate risk
Actinopteri	Euperacaria	Labridae	Bodianus	<i>Bodianus ocellatus</i>	Eye of Bengal hogfish	6	Andaman Is.; India; Maldives; Myanmar; Sri Lanka; Thailand	✓	No data	commercial	Least Concern	Unknown	2008	28.6	Lower risk	
Actinopteri	Euperacaria	Labridae	Bodianus	<i>Bodianus opercularis</i>	Blackspot hogfish	7	Christmas I.; Jordan; Kenya; Madagascar; Mauritius; R�union; Somalia	✓	✓ (Very low)	None	rarely	Least Concern	Unknown	2008	27.03	Lower risk
Actinopteri	Euperacaria	Labridae	Bodianus	<i>Bodianus orycephalus</i>	Blackspot hogfish	6	China; Hong Kong; Japan; Korea (South); Ogasawara Is.; Taiwan	✓	No data	commercial	Data Deficient	Unknown	2008	43.3	-	
Actinopteri	Euperacaria	Labridae	Bodianus	<i>Bodianus perditio</i>	Golden-spot hogfish	12	Australia; French Polynesia; Japan; Lord Howe I.; New Caledonia; Norfolk I.; Ogasawara Is.; Pitcairn; South Africa; Taiwan; Tonga; Tuamotu Is.	✓	✓ (Very low)	None	commercial	Least Concern	Unknown	2008	66.82	Moderate risk
Actinopteri	Euperacaria	Labridae	Bodianus	<i>Bodianus pulchellus</i>	Spotfin hogfish	38	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Bermuda; Brazil; Cayman Is.; Colombia; Cuba; Cura�ao; I.; Dominica; Dominican Rp.; French Guiana; Grenada; Guadeloupe; Guatemala; Guyana; Haiti; Honduras; Jamaica; Martinique; Mexico; Montserrat; Puerto Rico; Sao Tome Prnc.; St Kitts Nevis; St Lucia; St Vincent Gren.; Suriname; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (low)	Rare	commercial	Least Concern	Unknown	2008	33.47	Moderate risk
Actinopteri	Euperacaria	Labridae	Bodianus	<i>Bodianus rufus</i>	Spanish hogfish	40	Is. (US)	✓	✓ (low)	None	commercial	Least Concern	Unknown	2009	38.07	Moderate risk
Actinopteri	Euperacaria	Labridae	Bodianus	<i>Bodianus septacaudus</i>	Crescent tail hogfish	3	Fiji; Indonesia; Kiribati	✓	✓ (low)	None	rarely	Data Deficient	Unknown	2008	19.49	Lower risk
Actinopteri	Euperacaria	Labridae	Bodianus	<i>Bodianus speciosus</i>	Blackbar hogfish	9	Cameroun; Canary Is.; Cape Verde; Gabon; Guinea; Guinea-Bissau; Mauritania; Sao Tome Prnc.; Sierra Leone	✓	No data	commercial	Data Deficient	Decreasing	2008	58.05	Moderate risk	
Actinopteri	Euperacaria	Scorpaenidae	Bolbometopon	<i>Bolbometopon muricatum</i>	Green humphead parrotfish	43	American Samoa; Andaman Is.; Australia; Chagos Is.; Chile; China; Christmas I.; Clipperton I.; Cocos I. (C.R.); Cocos Is. (Keel); Cook Is.; Easter I.; Fiji; French Polynesia; Galapagos Is.; Guam; Hawaii; Hong Kong; India; Indonesia; Japan; Lord Howe I.; Maldives; Marshall Is.; Mauritius; Mexico; Micronesia; Mozambique; New Caledonia; New Zealand; Niue; North Mariana; Ogasawara Is.; Palau; Papua New Guinea; Philippines; R�union; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Solomon Is.; Somalia; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Vanuatu	✓	✓ (Very low)	None	commercial	Vulnerable	Decreasing	2007	67.49	Higher risk
Actinopteri	Pleuronectiformes	Bothidae	Bothus	<i>Bothus lunatus</i>	Plate fish	42	Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	No data	commercial	Least Concern	Unknown	2012	54.71	Lower risk	
Actinopteri	Pleuronectiformes	Bothidae	Bothus	<i>Bothus mancus</i>	Flowers flounder	46	American Samoa; Andaman Is.; Australia; Chagos Is.; Chile; China; Christmas I.; Clipperton I.; Cocos I. (C.R.); Cocos Is. (Keel); Cook Is.; Easter I.; Fiji; French Polynesia; Galapagos Is.; Guam; Hawaii; Hong Kong; India; Indonesia; Japan; Lord Howe I.; Maldives; Marshall Is.; Mauritius; Mexico; Micronesia; Mozambique; New Caledonia; Norfolk I.; North Mariana; Ogasawara Is.; Palau; Papua New Guinea; Philippines; R�union; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Solomon Is.; Somalia; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2019	40.9	Lower risk
Actinopteri	Pleuronectiformes	Bothidae	Bothus	<i>Bothus ocellatus</i>	Eye flounder	37	Suriname; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2012	31.26	Lower risk
Actinopteri	Pleuronectiformes	Bothidae	Bothus	<i>Bothus pantherinus</i>	Leopard flounder	55	American Samoa; Andaman Is.; Australia; Bahrain; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Cook Is.; Djibouti; Egypt; Fiji; French Polynesia; Guam; Hawaii; Hong Kong; India; Indonesia; Iraq; Israel; Japan; Jordan; Kenya; Kuwait; Lord Howe I.; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; Norfolk I.; North Mariana; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Qatar; R�union; Samoa; Saudi Arabia; Seychelles; Somalia; South Africa; Sri Lanka; Tahiti; Taiwan; Tanzania; Tonga	✓	✓ (low)	None	rarely	Least Concern	Unknown	2015	47.96	Lower risk
Actinopteri	Tetraodontiformes	Brachaluteres	<i>Brachaluteres jacksonianus</i>	Pigmy leatherjacket	2	Australia; New Caledonia	✓	No data	rarely	Least Concern	Stable	2015	14.62	Lower risk		
Actinopteri	Tetraodontiformes	Monacanthidae	<i>Brachaluteres taylori</i>	Taylor's inflator fishlet	9	Australia; Indonesia; Kiribati; Lord Howe I.; Marshall Is.; New Caledonia; New Zealand; Palau; Papua New Guinea; Philippines	✓	No data	rarely	Least Concern	Stable	2015	10	-		
Actinopteri	Anguilliformes	Ophichthidae	<i>Brachysomophis cirrochellus</i>	Stargazer snake eel	9	Australia; Hong Kong; Indonesia; Japan; Mozambique; Papua New Guinea; South Africa; Sri Lanka; Taiwan	✓	No data	Unspecified	not assessed	not assessed	not assessed	65.37	Higher risk		
Actinopteri	Blenniiformes	Labrisomidae	<i>Broccus</i>	<i>Broccus nigricinctus</i>	Spotcheek blenny	30	USA	✓	No data	commercial	Least Concern	Unknown	2007	10	-	
Actinopteri	Gobiiformes	Gobiidae	<i>Bryaninops</i>	<i>Bryaninops amplus</i>	Large whip goby	20	Viet Nam	✓	No data	commercial	Least Concern	Unknown	2009	10.53	-	
Actinopteri	Gobiiformes	Gobiidae	<i>Bryaninops</i>	<i>Bryaninops natans</i>	Redeye goby	22	Is.; Taiwan; Tonga	✓	No data	commercial	Near Threatened	Unknown	2017	10	-	
Actinopteri	Gobiiformes	Gobiidae	<i>Bryaninops</i>	<i>Bryaninops tigris</i>	Black coral goby	16	Guinea; Philippines; Ryukyu Is.; Solomon Is.; Tahiti; Viet Nam	✓	No data	commercial	Least Concern	Unknown	2015	10	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	<i>Bryaninops</i>	<i>Bryaninops yongei</i>	Whip coral goby	27	Catar; Ryukyu Is.; Samoa; Saudi Arabia; Solomon Is.; Taiwan; Tonga; United Arab Em.; Viet Nam; Yemen	✓	No data	commercial	Least Concern	Unknown	2015	10	-	
Actinopteri	Gobiiformes	Butidae	<i>Butis</i>	<i>Butis butis</i>	Duckbill sleeper	24	South Africa; Sri Lanka; Thailand; Viet Nam	✓	No data	rarely	Least Concern	Stable	2016	23.38	Lower risk	
Actinopteri	Euperacaria	Cassionidae	<i>Cassio</i>	<i>Cassio lunaris</i>	Lunar fusilier	60	Taiwan; Tanzania; Thailand; Timor-Leste; United Arab Em.; Viet Nam; Yemen	✓	✓ (Very low)	No data	rarely	Least Concern	Unknown	2015	28.23	Lower risk
Actinopteri	Euperacaria	Cassionidae	<i>Cassio</i>	<i>Cassio tereus</i>	Yellow and blueback fusilier	56	Tokelau; Tonga; Tuvalu; Vanuatu; Viet Nam; Wallis Futuna	✓	✓ (Very low)	No data	rarely	Least Concern	Unknown	2015	28.23	Lower risk

Non-CITES-listed marine ornamental fish species (n=2105), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by Fishbase. Information on the data sources are provided in the

Taxonomy						Range States			Evidence of species in				Extinction risk/vulnerability			
Class	Order	Family	Genus	Species	Common Name	No of native range States	List of native range States	Evidence of species in International trade	Species imported in EU and/or UK (% imports)	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Red List year of assessment	Vulnerability (Fishbase)	Likelihood of threat from International trade
Actinopteri	Espercaria	Sparidae	Calamus	Calamus calamus	Saucerrey porgy	1	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Bermuda; Brazil; Cayman Is.; Colombia; Costa Rica; Cuba; Curaçao I.; Dominica; Dominican Rp; French Guiana; Grenada; Guadeloupe; Guatemala; Guyana; Haiti; Honduras; Jamaica; Martinique; Mexico; Montserrat; Nicaragua; Panama; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren; Suriname; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓	No data	Unspecified	Least Concern	Unknown	2011	55.84	Moderate risk
Actinopteri	Callionymiformes	Callionymidae	Callionymus	Callionymus baird	Lancer dragonet	1	Anguilla; Antigua Barbuda; Aruba; Ascension I.; Bahamas; Barbados; Bermuda; Brazil; Canada; Cape Verde; Cayman Is.; Colombia; Cuba; Curaçao I.; Dominica; Dominican Rp; Grenada; Guadeloupe; Haiti; Jamaica; Martinique; Montserrat; Puerto Rico; St Helena; St Kitts Nevis; St Lucia; St Vincent Gren; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓	Captive bred (not for retail)	commercial	Least Concern	Unknown	2012	16.49	-
Actinopteri	Callionymiformes	Callionymidae	Callionymus	Callionymus delicatulus	Delicate dragonet	13	Australia; Chagos Is.; Egypt; Eritrea; Indonesia; Madagascar; Maldives; Palau; Papua New Guinea; Philippines; Saudi Arabia; Seychelles; Solomon Is.	✓	✓	No data	commercial	Least Concern	Unknown	2022	10.53	-
Actinopteri	Callionymiformes	Callionymidae	Callionymus	Callionymus pleurostictus	Blue spotted ruddetail dragonet	10	Australia; Brunei Daruss; Indonesia; Japan; New Caledonia; Ryukyu Is.; Solomon Is.; Taiwan; Thailand; Viet Nam	✓	✓	No data	commercial	not assessed	not assessed	not assessed	-	-
Actinopteri	Gobiiformes	Gobiidae	Calligobius	Calligobius amikami	Amikami nana goby	4	Israel; Oman; Saudi Arabia; Socotra Arch.	✓	✓	No data	rarely	Endangered	Unknown	2018	10	Higher risk
Actinopteri	Gobiiformes	Gobiidae	Calligobius	Calligobius hasseltii	Hasselt's goby	13	Australia; Fiji; Indonesia; Japan; Marshall Is.; Micronesia; New Caledonia; Palau; Philippines; Ryukyu Is.; Taiwan; Thailand; Tonga	✓	✓	No data	commercial	Least Concern	Unknown	2020	13.37	Lower risk
Actinopteri	Ovalentaria	Plesiopidae	Calliplesiops	Calliplesiops aethiops	Comet	31	Australia; Caroline I.; Chagos Is.; China; Christmas I.; Fiji; Guam; Indonesia; Japan; Jordan; Kiribati; Maldives; Marshall Is.; Mayotte; Micronesia; Mozambique; New Caledonia; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Saudi Arabia; Seychelles; Taiwan; Tanzania; Timor-Leste; Tonga; Tuamotu Is.; Vanuatu; Viet Nam; Wake I.	✓	✓	Common	public aquariums	Least Concern	Unknown	2019	30.39	Lower risk
Actinopteri	Ovalentaria	Plesiopidae	Calliplesiops	Calliplesiops argus		2	Indonesia; Philippines	✓	✓	No data	commercial	Data Deficient	Unknown	2022	27.47	Lower risk
Actinopteri	Espercaria	Scardidae	Calotomus	Calotomus carolinus	Carolinian parrotfish	1	American Samoa; Australia; Caroline I.; Chagos Is.; Cocos Is. (Keel); Comoros; Cook Is.; French Polynesia; Galapagos Is.; Guam; Hawaii; Indonesia; Japan; Johnston I.; Kenya; Kiribati; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Mexico; Micronesia; Mozambique; New Caledonia; Niue; North Mariana; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Pitcairn; RÄUnion; Samoa; South Africa; Seychelles; Socotra Arch.; Solomon Is.; South Africa; Tahiti; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Yemen	✓	✓	No data	commercial	Least Concern	Unknown	2009	23.62	-
Actinopteri	Espercaria	Scardidae	Calotomus	Calotomus spinidens	Spirytooth parrotfish	36	Admiralty Is.; Andaman Is.; Australia; Chagos Is.; China; Cocos Is. (Keel); Comoros; Fiji; Guam; Hong Kong; India; Indonesia; Japan; Kenya; Madagascar; Malaysia; Maldives; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; North Mariana; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Seychelles; Solomon Is.; South Africa; Sri Lanka; Taiwan; Tanzania; Timor-Leste; Tonga; Viet Nam	✓	✓	No data	commercial	Least Concern	Unknown	2009	17.65	-
Actinopteri	Espercaria	Scardidae	Calotomus	Calotomus viridescens	Viridescant parrotfish	8	Chagos Is.; Egypt; Eritrea; Israel; Jordan; Saudi Arabia; Sudan; Yemen	✓	✓	No data	commercial	Least Concern	Unknown	2009	19.15	-
Actinopteri	Espercaria	Scardidae	Calotomus	Calotomus zonarhynchus	Yellowbar parrot	2	Hawaii; Midway Is.	✓	✓	No data	commercial	Least Concern	Unknown	2009	24.1	-
Actinopteri	Tetraodontiformes	Monacanthidae	Cantherhines	Cantherhines dumerilii	Whitespotted filefish	1	American Samoa; Australia; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Colombia; Cook Is.; Easter I.; French Polynesia; Galapagos Is.; Guam; Hawaii; Hong Kong; Indonesia; Japan; Korea (South); Lord Howe I.; Maldives; Marshall Is.; Mauritius; Mexico; Micronesia; Mozambique; New Caledonia; Niue; North Mariana; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Pitcairn; RÄUnion; Samoa; South Africa; Seychelles; Somalia; South Africa; Taiwan; Tanzania; Thailand; Tonga; Vanuatu; Viet Nam; Yemen	✓	✓	No data	commercial	Least Concern	Stable	2015	35.73	Lower risk
Actinopteri	Tetraodontiformes	Monacanthidae	Cantherhines	Cantherhines fronticinctus	Spectacled filefish	22	Taiwan; Tanzania; Tonga; Wake I.	✓	✓	No data	rarely	Least Concern	Unknown	2015	29.75	-
Actinopteri	Tetraodontiformes	Monacanthidae	Cantherhines	Cantherhines macroscopus	American whitespotted filefish	45	Anguilla; Antigua Barbuda; Aruba; Ascension I.; Bahamas; Barbados; Belize; Bermuda; Brazil; Cayman Is.; Cuba; Curaçao I.; Dominica; Dominican Rp; Grenada; Guadeloupe; Haiti; Honduras; Jamaica; Martinique; Montserrat; Neeth Antilles; Puerto Rico; Sierra Leone; St Kitts Nevis; St Lucia; St Paul's Rocks; St Vincent Gren; Trind; M Vaz Is.; Trinidad Tobago; Turks Caicos Is.; USA; Virgin Is. (UK); Virgin Is. (US)	✓	✓	No data	commercial	Least Concern	Unknown	2014	39.8	Lower risk
Actinopteri	Tetraodontiformes	Monacanthidae	Cantherhines	Cantherhines pardalis	Honeycomb filefish	1	American Samoa; Andaman Is.; Australia; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Cook Is.; Egypt; Eq Guinea; French Polynesia; Guam; Hawaii; Hong Kong; Indonesia; Japan; Jordan; Lord Howe I.; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Mozambique; New Caledonia; North Mariana; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Pitcairn; RÄUnion; Samoa; Saudi Arabia; Seychelles; Socotra Arch.; Somalia; South Africa; Taiwan; Tanzania; Timor-Leste; Tonga; Vanuatu; Viet Nam; Yemen	✓	✓	No data	Unspecified	Least Concern	Unknown	2015	29.75	Lower risk
Actinopteri	Tetraodontiformes	Monacanthidae	Cantherhines	Cantherhines pallas	Orange-spotted filefish	41	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Bermuda; Brazil; Cayman Is.; Colombia; Costa Rica; Cuba; Curaçao I.; Dominica; Dominican Rp; French Guiana; Grenada; Guadeloupe; Guatemala; Guyana; Haiti; Honduras; Jamaica; Martinique; Mexico; Montserrat; Nicaragua; Panama; Puerto Rico; Sao Tome Prins; St Kitts Nevis; St Lucia; St Vincent Gren; Suriname; Trind; M Vaz Is.; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓	No data	commercial	Least Concern	Unknown	2014	25.85	Lower risk
Actinopteri	Tetraodontiformes	Monacanthidae	Cantherhines	Cantherhines sandwicheensis	Sandwich side file	3	French Polynesia; Hawaii; Pitcairn	✓	✓	No data	commercial	Least Concern	Unknown	2015	24.95	-
Actinopteri	Tetraodontiformes	Balistidae	Canthidermis	Canthidermis maculata	Rough triggerfish	53	American Samoa; Andaman Is.; Australia; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Cook Is.; Egypt; Eq Guinea; French Polynesia; Guam; Hawaii; Hong Kong; Indonesia; Japan; Jordan; Lord Howe I.; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Mozambique; New Caledonia; North Mariana; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Pitcairn; RÄUnion; Samoa; South Africa; Seychelles; Somalia; South Africa; Sri Lanka; Taiwan; Tanzania; Timor-Leste; Tonga; Tuamotu Is.; USA; Viet Nam	✓	✓	No data	rarely	Least Concern	Stable	2011	41.39	-
Actinopteri	Tetraodontiformes	Balistidae	Canthidermis	Canthidermis sufflamen	Ocean triggerfish	34	Trind; M Vaz Is.; Trinidad Tobago; Turks Caicos Is.; USA; Virgin Is. (UK); Virgin Is. (US)	✓	✓	No data	commercial	Least Concern	Stable	2011	34.32	Moderate risk
Actinopteri	Tetraodontiformes	Tetraodontidae	Canthigaster	Canthigaster amboinensis	Spider-eye puffer	30	Taiwan; Tonga; Viet Nam	✓	✓	No data	commercial	Least Concern	Unknown	2011	13.37	Lower risk
Actinopteri	Tetraodontiformes	Tetraodontidae	Canthigaster	Canthigaster axillulosus	Pacific crown toby	18	Australia; French Polynesia; Guam; Indonesia; Japan; Marshall Is.; Micronesia; New Caledonia; North Mariana; Oman; Ogasawara Is.; Palau; Philippines; Ryukyu Is.; Taiwan; Timor-Leste; Tonga; Viet Nam; Wake I.	✓	✓	No data	rarely	Least Concern	Unknown	2011	11.03	-
Actinopteri	Tetraodontiformes	Tetraodontidae	Canthigaster	Canthigaster bennetti	Bennett's sharpnose puffer	39	Vanuatu; Viet Nam	✓	✓	No data	rarely	Least Concern	Unknown	2011	10	Lower risk
Actinopteri	Tetraodontiformes	Tetraodontidae	Canthigaster	Canthigaster capitistrata	Micronesian sharpnose puffer	4	Azores Is.; Canary Is.; Cape Verde; Madeira Is.	✓	✓	No data	rarely	Least Concern	Unknown	2011	10	-
Actinopteri	Tetraodontiformes	Tetraodontidae	Canthigaster	Canthigaster compressa	Compressed toby	16	Australia; Guam; Indonesia; Japan; Malaysia; Micronesia; New Caledonia; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Solomon Is.; Taiwan; Timor-Leste; Vanuatu	✓	✓	No data	rarely	Least Concern	Unknown	2011	12.59	Lower risk
Actinopteri	Tetraodontiformes	Tetraodontidae	Canthigaster	Canthigaster ornata	Crowned puffer	3	Hawaii; Palau; Pitcairn	✓	✓	None	commercial	Least Concern	Unknown	2011	12.01	Lower risk
Actinopteri	Tetraodontiformes	Tetraodontidae	Canthigaster	Canthigaster eplalampa	Lantern toby	20	Christmas I.; Cook Is.; French Polynesia; Guam; Hawaii; Indonesia; Japan; Malaysia; Marshall Is.; Micronesia; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Solomon Is.; Taiwan; Timor-Leste; Tonga; Wake I.	✓	✓	No data	rarely	Least Concern	Unknown	2011	11.03	Lower risk
Actinopteri	Tetraodontiformes	Tetraodontidae	Canthigaster	Canthigaster figuriviroli	Southern Atlantic sharpnose puffer	3	Brazil; Colombia; Venezuela	✓	✓	No data	commercial	Least Concern	Unknown	2011	10.53	-
Actinopteri	Tetraodontiformes	Tetraodontidae	Canthigaster	Canthigaster jactator	Hawaiian whitespotted toby	4	Hawaii; Johnston I.; Taiwan; Viet Nam	✓	✓	None	commercial	Least Concern	Unknown	2011	10	Lower risk
Actinopteri	Tetraodontiformes	Tetraodontidae	Canthigaster	Canthigaster janthinoptera	Honeycomb toby	38	Viet Nam	✓	✓	None	commercial	Least Concern	Unknown	2011	10	Lower risk
Actinopteri	Tetraodontiformes	Tetraodontidae	Canthigaster	Canthigaster leopardi	Leopard sharpnose puffer	6	Christmas I.; Cook Is.; Guam; Indonesia; Philippines; Timor-Leste	✓	✓	None	rarely	Least Concern	Unknown	2009	10	Lower risk
Actinopteri	Tetraodontiformes	Tetraodontidae	Canthigaster	Canthigaster margaritata	Spotted sharpnose puffer	11	Egypt; India; Jordan; Kenya; Mauritius; Mozambique; Ogasawara Is.; Saudi Arabia; Seychelles; Sri Lanka; Thailand	✓	✓	No data	rarely	Least Concern	Unknown	2011	25.4	Lower risk
Actinopteri	Tetraodontiformes	Tetraodontidae	Canthigaster	Canthigaster ocelliflucta	Sly toby	14	Australia; Fiji; French Polynesia; Indonesia; Japan; Malaysia; New Caledonia; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Solomon Is.; Tonga; Viet Nam	✓	✓	No data	Unspecified	Least Concern	Unknown	2011	10	Lower risk
Actinopteri	Tetraodontiformes	Tetraodontidae	Canthigaster	Canthigaster papua	Papuan toby	12	Solomon Is.; Timor-Leste; Vanuatu	✓	✓	None	rarely	Least Concern	Unknown	2011	11.03	Lower risk
Actinopteri	Tetraodontiformes	Tetraodontidae	Canthigaster	Canthigaster petrusii	Peter's toby	5	Andaman Is.; Indonesia; Myanmar; Oman; Thailand	✓	✓	No data	rarely	Least Concern	Unknown	2011	10	-
Actinopteri	Tetraodontiformes	Tetraodontidae	Canthigaster	Canthigaster punctatissima	Spotted sharpnose puffer	10	Australia; Costa Rica; Ecuador; El Salvador; Galapagos Is.; Guatemala; Honduras; Mexico; Nicaragua; Panama	✓	✓	No data	rarely	Least Concern	Unknown	2008	10	Lower risk
Actinopteri	Tetraodontiformes	Tetraodontidae	Canthigaster	Canthigaster pygmaea	Pygmy toby	2	Israel; Jordan	✓	✓	No data	rarely	Least Concern	Unknown	2011	10	-
Actinopteri	Tetraodontiformes	Tetraodontidae	Canthigaster	Canthigaster rivulata	Brown-lined puffer	21	Taiwan; Viet Nam	✓	✓	No data	commercial	Least Concern	Unknown	2011	15.39	Lower risk

Non-CITES-listed marine ornamental fish species (n=2105), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Taxonomy						Range States		Evidence of species in international trade				Extinction risk/vulnerability						
Class	Order	Family	Genus	Species	Common Name	No of native range States	List of native range States	Evidence of species in international trade	Species imported in EU and/or UK (% imports)	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Red List year of assessment	Vulnerability (FishBase)	Likelihood of threat from international trade		
Actinopteri	Tetraodontiformes	Tetraodontidae	Canthigaster	Canthigaster rostrata	Caribbean sharpnose puffer	8	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Bermuda; Cayman Is.; Cuba; Curaçao; J. Dominica; Dominican Rp.; Grenada; Guadeloupe; Haiti; Jamaica; Martinique; Mexico; Montserrat; Nicaragua; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (Very low)	Captive bred (not for retail)	commercial	Least Concern	Unknown	2011	11.03	Lower risk		
Actinopteri	Tetraodontiformes	Tetraodontidae	Canthigaster	Canthigaster smithae	Bicolored toby	12	South Africa; Tanzania; Thailand	✓	No data	None	rarely	Least Concern	Unknown	2011	11.53	-		
Actinopteri	Tetraodontiformes	Tetraodontidae	Canthigaster	Canthigaster solandri	Spotted sharpnose	35	American Samoa; Andaman Is.; Australia; Caroline I.; Cook Is.; French Polynesia; Guam; Hawaii; Indonesia; Japan; Kiribati; Maldives; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; North Marianas; Oman; Palau; Papua New Guinea; Philippines; RÅlunion; Samoa; Seychelles; Socotra Arch.; South Africa; Sri Lanka; Taiwan; Tanzania; Timor-Leste; Tonga; Tuamotu Is.; Vanuatu; Viet Nam; Yemen	✓	✓ (low)	None	commercial	Least Concern	Unknown	2011	10.53	Lower risk		
Actinopteri	Tetraodontiformes	Tetraodontidae	Canthigaster	Canthigaster supramaculata	West African sharpnose puffer	3	Cape Verde; Cote d'Ivoire; Ghana	✓	✓ (Very low)	None	rarely	Least Concern	Unknown	2011	10	-		
Actinopteri	Tetraodontiformes	Tetraodontidae	Canthigaster	Canthigaster tyleri	Tyler's toby	8	Chagos Is.; Christmas I.; Comoros; Indonesia; Maldives; Mauritius; Seychelles; Tanzania	✓	✓ (Very low)	None	rarely	Least Concern	Unknown	2011	10	Lower risk		
Actinopteri	Tetraodontiformes	Tetraodontidae	Canthigaster	Canthigaster valentini	Valentin's sharpnose puffer	41	American Samoa; Andaman Is.; Australia; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Cook Is.; French Polynesia; Guam; Indonesia; Japan; Lord Howe I.; Maldives; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; Niue; North Marianas; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; RÅlunion; Samoa; Seychelles; Socotra Arch.; South Africa; Sri Lanka; Taiwan; Tanzania; Timor-Leste; Tonga; Tuamotu Is.; Vanuatu; Viet Nam; Wake I.; Yemen	✓	✓ (moderate)	Rare	commercial	Least Concern	Decreasing	2011	10	Lower risk		
Actinopteri	Perciformes/Scorpaenoidi	Scorpaenidae	Caracanthus	Caracanthus maculatus	Spotted coral croucher	30	Nam	✓	✓ (low)	None	commercial	Least Concern	Unknown	2015	14.21	Lower risk		
Actinopteri	Perciformes/Scorpaenoidi	Scorpaenidae	Caracanthus	Caracanthus madagascariensis	Spotted croucher	9	Chagos Is.; Comoros; Maldives; Mauritius; Mayotte; Mozambique; RÅlunion; Seychelles; South Africa	✓	✓ (Very low)	No data	rarely	not assessed	Unknown	not assessed	not assessed	2015	14.21	Lower risk
Actinopteri	Perciformes/Scorpaenoidi	Scorpaenidae	Caracanthus	Caracanthus unipinna	Pygmy coral croucher	37	American Samoa; Andaman Is.; Australia; Chagos Is.; Christmas I.; Cocos Is. (Keel); Comoros; Fiji; Guam; India; Indonesia; Japan; Kenya; Madagascar; Maldives; Marshall Is.; Mauritius; Mayotte; Micronesia; Mozambique; New Caledonia; North Marianas; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Pitcairn; RÅlunion; Ryukyu Is.; Samoa; Seychelles; South Africa; Sri Lanka; Taiwan; Timor-Leste; Tonga; Tuamotu Is.	✓	No data	None	rarely	Least Concern	Unknown	2015	14.21	Lower risk		
Actinopteri	Carangiformes	Carangidae	Caranx	Caranx cryosus	Blue runner	84	Algeria; Angola; Anguilla; Antigua Barbuda; Argentina; Aruba; Ascension I.; Bahamas; Barbados; Belize; Benin; Bermuda; Brazil; Cameroon; Canada; Cape Verde; Cayman Is.; Colombia; Congo; Congo Dem Rp.; Costa Rica; Cote d'Ivoire; Croatia; Cuba; Curaçao; J. Dominica; Dominican Rp.; Egypt; Eq Guinea; France; French Guiana; Gabon; Gambia; Ghana; Greece; Grenada; Guadeloupe; Guatemala; Guinea; Guinea-Bissau; Guyana; Haiti; Honduras; Israel; Italy; Jamaica; Lebanon; Liberia; Libya; Madeira Is.; Malta; Martinique; Mauritania; Mexico; Monaco; Montenegro; Montserrat; Morocco; Nicaragua; Nigeria; Panama; Puerto Rico; Sao Tome Princ.; Senegal; Sierra Leone; Spain; St Helena; St Kitts Nevis; St Lucia; St Paul's Rocks; St Vincent Gren.; Suriname; Syria; Togo; Trinidad Tobago; Tunisia; Turkey; Turks Caicos Is.; Uruguay; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	No data	rarely	Least Concern	Unknown	2009	34.26	Moderate risk			
Actinopteri	Carangiformes	Carangidae	Caranx	Caranx ignobilis	Giant trevally	79	Admiralty Is.; Andaman Is.; Australia; Bahrain; Bangladesh; Cambodia; Caroline I.; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Comoros; Cook Is.; Djibouti; Egypt; Eritrea; Fiji; French Polynesia; Guam; Hawaii; Hong Kong; India; Indonesia; Iran; Israel; Japan; Jordan; Kenya; Kiribati; Kuwait; Madagascar; Malaysia; Maldives; Marquessa Is.; Marshall Is.; Mauritius; Mayotte; Micronesia; Midway Is.; Mozambique; Myanmar; New Caledonia; New Zealand; Niue; North Marianas; Ogasawara Is.; Oman; Pakistan; Palau; Papua New Guinea; Philippines; Pitcairn; Qatar; RÅlunion; Rodriguez; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Singapore; Solomon Is.; Somalia; South Africa; Sri Lanka; Sudan; Tahiti; Taiwan; Tanzania; Thailand; Timor-Leste; Tokelau; Tonga; Tuamotu Is.; Tuvalu; United Arab Em.; Vanuatu; Viet Nam; Wallis Futuna; Yemen	✓	No data	public aquariums	Least Concern	Unknown	2015	82.12	Lower risk			
Actinopteri	Carangiformes	Carangidae	Caranx	Caranx latus	Horse-eye jack	45	Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US); Yemen	✓	No data	None	commercial	Least Concern	Stable	2018	58.96	Lower risk		
Actinopteri	Carangiformes	Carangidae	Caranx	Caranx melampygus	Bluelin trevally	85	Nam; Wallis Futuna; Yemen	✓	No data	None	public aquariums	Least Concern	Unknown	2015	55.89	Lower risk		
Elasmobranchi	Carcharhiniformes	Carcharhinidae	Carcharhinus	Carcharhinus leucas	Bull shark	101	American Samoa; Andaman Is.; Angola; Argentina; Australia; Bahrain; Belize; Benin; Brazil; Cameroon; Barbados; Belize; Bermuda; Brazil; Brunei Darussalam; Cambodia; Cameroon; Cape Verde; Cayman Is.; Colombia; Congo; Congo Dem Rp.; Costa Rica; Cote d'Ivoire; Cuba; Curaçao; J. Dominica; Dominican Rp.; Ecuador; El Salvador; Eq Guinea; Fiji; French Guiana; French Polynesia; Gabon; Gambia; Ghana; Grenada; Guadeloupe; Guatemala; Guinea; Guinea-Bissau; Guyana; Haiti; Honduras; India; Indonesia; Iran; Iraq; Jamaica; Kenya; Kuwait; Liberia; Maldives; Madagascar; Malawi; Malaysia; Martinique; Mauritius; Mayotte; Mexico; Montserrat; Morocco; Mozambique; New Caledonia; Niue; North Marianas; Oman; Palau; Panama; Papua New Guinea; Peru; Philippines; Puerto Rico; Qatar; Samoa; Sao Tome Princ.; Saudi Arabia; Senegal; Sierra Leone; Somalia; South Africa; St Kitts Nevis; St Lucia; St Vincent Gren.; Suriname; Taiwan; Tanzania; Thailand; Togo; Trinidad Tobago; Tunisia; Turkey; Turks Caicos Is.; United Arab Em.; Uruguay; USA; Venezuela; Viet Nam; Virgin Is. (UK); Virgin Is. (US); Zimbabwe	✓	No data	rarely	Vulnerable	Decreasing	2020	87.54	-			
Elasmobranchi	Carcharhiniformes	Carcharhinidae	Carcharhinus	Carcharhinus melanopterus	Blacktip reef shark	81	Tuvalu; United Arab Em.; Vanuatu; Viet Nam; Wake I.; Wallis Futuna; Yemen	✓	Moderate	public aquariums	Vulnerable	Decreasing	2020	67.08	Higher risk			
Elasmobranchi	Carcharhiniformes	Carcharhinidae	Carcharhinus	Carcharhinus plumbeus	Sandbar shark	96	USA; Venezuela; Viet Nam; Yemen	✓	None	rarely	rarely	Endangered	Decreasing	2020	87.51	Higher risk		
Elasmobranchi	Lamniformes	Carcharidae	Carcharias	Carcharias taurus	Sand tiger shark	77	Tanzania; Turkey; Uruguay; USA; Viet Nam; West Sahara; Yemen	✓	None	rarely	rarely	Critically Endangered	Decreasing	2020	58.1	Higher risk		
Actinopteri	Syngnathiformes	Centropomidae	Centropomus	Centropomus cristatus	Smooth razorfish	3	Australia; Indonesia; New Caledonia	✓	No data	Unspecified	Unspecified	Data Deficient	Unknown	2015	34.1	-		
Actinopteri	Syngnathiformes	Centropomidae	Centropomus	Centropomus scutatus	Grooved razorfish	22	Nam	✓	No data	commercial	Least Concern	Unknown	2015	24.15	Lower risk			
Actinopteri	Esperacaria	Centropomidae	Centropomus	Centropomus vagiopsis	False scorpionfish	11	Andaman Is.; Australia; India; Indonesia; Japan; Papua New Guinea; Philippines; Ryukyu Is.; Singapore; Timor-Leste; Viet Nam	✓	No data	None	rarely	not assessed	not assessed	not assessed	13.16	Lower risk		
Actinopteri	Esperacaria	Labridae	Centrolabrus	Centrolabrus exostictus	Rock cobb	15	Sweden; UK; UK; No Infrd; UK Scotland	✓	No data	public aquariums	Least Concern	Unknown	2013	20	Lower risk			
Actinopteri	Perciformes/Scorpaenoidi	Tetraodontidae	Centropomus	Centropomus latifrons	Pale tortoise	1	Australia	✓	✓ (Very low)	None	rarely	Data Deficient	Unknown	2009	39.29	Moderate risk		
Actinopteri	Perciformes/Serranoidi	Serranidae	Centropristis	Centropristis philadelphica	Rock sea bass	2	Mexico; USA	✓	No data	Unspecified	Least Concern	Unknown	2012	31.76	Lower risk			
Actinopteri	Perciformes/Serranoidi	Serranidae	Centropristis	Centropristis striata	Black seabass	3	Canada; Mexico; USA	✓	No data	public aquariums	Least Concern	Stable	2012	32.35	Lower risk			
Actinopteri	Acanthiformes	Pomacanthidae	Centropyge	Centropyge acanthis	Orangeback angelfish	15	Cargados Carapag; Chagos Is.; Kenya; Madagascar; Maldives; Mauritius; Mozambique; Oman; RÅlunion; Seychelles; Socotra Arch.; Somalia; South Africa; Tanzania; Yemen	✓	✓ (moderate)	Rare	commercial	Least Concern	Stable	2009	22.96	Lower risk		

Non-CITES-listed marine ornamental fish species (n=210), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Taxonomy					Range States		Evidence of species in International trade	Species Imported in EU and/or US (% Imports)	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Extinction risk/vulnerability					
Class	Order	Family	Genus	Species	Common Name	No of native range States							List of native range States	Vulnerability (FishBase)	Likelihood of threat from International Trade			
Actinopteri	Acanthuriformes	Pomacentridae	Centropyge	Centropyge argi	Cherryfish	1	Anguilla, Antigua Barbuda, Aruba, Bahamas, Barbados, Belize, Bermuda, Cayman Is.; Colombia, Costa Rica, Cuba, Curaçao, I., Dominica, Dominican Rp, Grenada, Guadeloupe, Haiti, Honduras, Indonesia, Jamaica, Martinique, Mexico, Montserrat, Neth Antilles, Nicaragua, Panama, Puerto Rico, St Kitts Nevis, St Lucia, St Vincent Gren., Suriname, Trinitid Tobago, USA, Venezuela, Virgin Is. (UK), Virgin Is. (US)	✓	✓ (low)	Common	commercial	Least Concern	Unknown	2009	22.96	Lower risk		
Actinopteri	Acanthuriformes	Pomacentridae	Centropyge	Centropyge auranta	Golden angelfish	8	American Samoa, Australia, Indonesia, Micronesia, Palau, Papua New Guinea, Samoa, Solomon Is.	✓	✓ (low)	None	commercial	Least Concern	Stable	2009	25.54	Lower risk		
Actinopteri	Acanthuriformes	Pomacentridae	Centropyge	Centropyge aurantonotus	Flameback angelfish	9	Anaba, Bahamas, Barbados, Brazil, Curaçao, I., Neeth Antilles, St Lucia, Trind, M Vaz Is., USA	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2009	22.18	Lower risk		
Actinopteri	Acanthuriformes	Pomacentridae	Centropyge	Centropyge bicolor	Bicolor angelfish	56	Andaman Is.; Australia, Bangladesh, Br Indian Oc Tr; Brunei Darussalam, Cambodia, Chagos Is.; Christmas Is.; Cook Is. (Keel), Comoros, Djibouti, Eritrea, Fiji, French Polynesia, Guam, India, Indonesia, Japan, Kenya, Kiribati, Madagascar, Malaysia, Maldives, Marshall Is.; Mauritius; Micronesia, Mozambique, Myanmar, New Caledonia, New Caledonia, New Caledonia, Norfolk I., North Mariana, Ogasawara Is.; Palau, Papua New Guinea, Philippines, Réunionion, Sri Lanka, Samoa, Singapore, Solomon Is.; Somalia; South Africa; Sri Lanka; Taiwan; Tanzania; Thailand; Timor-Leste; Tokelau; Tonga; Tuvalu; US Minor Is.; Vanuatu; Viet Nam; Yemen	✓	✓ (moderate)	Captive bred (not for retail)	commercial	Least Concern	Stable	2009	10.58	Lower risk		
Actinopteri	Acanthuriformes	Pomacentridae	Centropyge	Centropyge bispinosa	Twospined angelfish	39	American Samoa, Andaman Is., Australia, Christmas I., French Polynesia, Hawaii, Indonesia, Japan, Johnston I., Maldives, Marqussas Is.; Marshall Is.; Mauritius; Mozambique; New Caledonia, Ogasawara Is.; Palau; Papua New Guinea, Philippines, Ryukyu Is.; Samoa, Seychelles, South Africa, Tahiti, Taiwan, Tanzania; Timor-Leste; Tonga; Tuamotu Is.; Vanuatu, Viet Nam	✓	✓ (moderate)	Moderate	commercial	Least Concern	Stable	2009	25.54	Lower risk		
Actinopteri	Acanthuriformes	Pomacentridae	Centropyge	Centropyge boylei	Pigmy angelfish	1	Cook Is.	✓	✓	No data	rarely	Least Concern	Stable	2009	20.82	Lower risk		
Actinopteri	Acanthuriformes	Pomacentridae	Centropyge	Centropyge collieri	Coccol Keeling angelfish	9	Coccol Keel, Fiji, Guam, Indonesia, Malaysia, Marshall Is.; Micronesia, Palau, Philippines	✓	✓ (Very low)	No data	commercial	Least Concern	Stable	2009	24.93	Lower risk		
Actinopteri	Acanthuriformes	Pomacentridae	Centropyge	Centropyge debilis	Blue Mauritius angelfish	3	Mauritius, Réunionion, Seychelles	✓	✓	Captive bred (not for retail)	rarely	Least Concern	Stable	2009	24.35	Lower risk		
Actinopteri	Acanthuriformes	Pomacentridae	Centropyge	Centropyge deborae	Blue Velvet Angelfish	1	Fiji	✓	✓ (Very low)	No data	rarely	not assessed	not assessed	not assessed	2009	24.89	Lower risk	
Actinopteri	Acanthuriformes	Pomacentridae	Centropyge	Centropyge eblis	Blacktail angelfish	7	Andaman Is.; Australia; Christmas I.; India; Indonesia; Maldives; Sri Lanka	✓	✓ (low)	Captive bred (not for retail)	commercial	Least Concern	Stable	2009	31.21	Moderate risk		
Actinopteri	Acanthuriformes	Pomacentridae	Centropyge	Centropyge ferrugata	Rusty angelfish	6	Japan, Ogasawara Is.; Palau, Philippines, Ryukyu Is.	✓	✓ (low)	None	commercial	Least Concern	Stable	2009	25.54	Lower risk		
Actinopteri	Acanthuriformes	Pomacentridae	Centropyge	Centropyge fisheri	Orange angelfish	26	American Samoa, Australia; Christmas I.; French Polynesia, Hawaii, Indonesia, Japan, Johnston I., Maldives, Marqussas Is.; Marshall Is.; Mauritius; Mozambique; New Caledonia, Ogasawara Is.; Palau; Papua New Guinea, Philippines, Ryukyu Is.; Samoa, Solomon Is.; Tahiti; Taiwan; Timor-Leste; Tonga; Tuamotu Is.	✓	✓ (low)	Captive bred (not for retail)	commercial	Least Concern	Stable	2009	23.6	Lower risk		
Actinopteri	Acanthuriformes	Pomacentridae	Centropyge	Centropyge flavicaudalis	Yellowfin angelfish	7	Andaman Is.; India, Indonesia, Maldives, Myanmar; Sri Lanka; Tuamotu Is.	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2009	25.54	Lower risk		
Actinopteri	Acanthuriformes	Pomacentridae	Centropyge	Centropyge flavissima	Lemonpeel angelfish	1	American Samoa, Australia; Caroline I., Cook Is.; French Polynesia, Guam, Indonesia, Japan, Kiribati, Lord Howe I.; Marqussas Is.; Marshall Is.; Micronesia, New Caledonia; Niue; North Mariana, Ogasawara Is.; Palau; Philippines; Pitcairn; Ryukyu Is.; Samoa; Solomon Is.; Taiwan, Tuamotu Is.; Vanuatu; Viet Nam; Yemen	✓	✓ (moderate)	Rare	commercial	Least Concern	Stable	2009	30.52	Moderate risk		
Actinopteri	Acanthuriformes	Pomacentridae	Centropyge	Centropyge heraldi	Yellow angelfish	13	Brunei Darussalam, Guam, Indonesia, Japan, Marshall Is.; Micronesia, North Mariana, Ogasawara Is.; Palau; Philippines; Ryukyu Is.; Taiwan; Viet Nam	✓	✓ (low)	None	commercial	Least Concern	Stable	2009	28.25	Lower risk		
Actinopteri	Acanthuriformes	Pomacentridae	Centropyge	Centropyge hotumatua	Blackear angelfish	3	Easter I., French Polynesia, Pitcairn	✓	✓	No data	commercial	Least Concern	Stable	2009	25.54	Lower risk		
Actinopteri	Acanthuriformes	Pomacentridae	Centropyge	Centropyge interrata	Japanese angelfish	5	Hawaii, Japan, Maldives Is.; Ogasawara Is.; Taiwan	✓	✓ (Very low)	No data	commercial	Least Concern	Stable	not assessed	not assessed	2009	31.21	Moderate risk
Actinopteri	Acanthuriformes	Pomacentridae	Centropyge	Centropyge jacculator	Yellowhead angelfish	2	Christmas I.; Cocos Is. (Keel)	✓	✓ (Very low)	Captive bred (not for retail)	commercial	Least Concern	Stable	2009	24.35	Lower risk		
Actinopteri	Acanthuriformes	Pomacentridae	Centropyge	Centropyge loriscus	Flame angel	4	Australia; Cook Is.; Fiji; French Polynesia; Guam; Hawaii; Johnston I.; Kiribati; Marqussas Is.; Marshall Is.; Micronesia; New Caledonia; Palau; Papua New Guinea; Philippines; Pitcairn; Samoa; Solomon Is.; Tahiti; Tonga; Tuamotu Is.; US Minor Is.; Vanuatu; Wake I.	✓	✓ (moderate)	Moderate	commercial	not assessed	not assessed	not assessed	2009	31.21	Moderate risk	
Actinopteri	Acanthuriformes	Pomacentridae	Centropyge	Centropyge multicolor	Multicolor angelfish	12	Cook Is.; Fiji; French Polynesia; Guam; Hawaii; Johnston I.; Kiribati; Marshall Is.; Micronesia; Palau; Tahiti; Tonga; Tuamotu Is.; Cargados Carapas; Chagos Is.; Comoros; Egypt; India; Indonesia; Jordan; Madagascar; Maldives; Mauritius; Mozambique; Oman; Réunionion; Seychelles; Socotra Arch.; South Africa; Sri Lanka; Tanzania; Thailand; Timor-Leste; Viet Nam; Yemen	✓	✓ (low)	Captive bred (not for retail)	commercial	Least Concern	Stable	2009	24.35	Lower risk		
Actinopteri	Acanthuriformes	Pomacentridae	Centropyge	Centropyge multispinis	Dusky angelfish	21	Yemen	✓	✓ (low)	None	commercial	Least Concern	Stable	2009	30.52	Moderate risk		
Actinopteri	Acanthuriformes	Pomacentridae	Centropyge	Centropyge nahackyi	Nahack's angelfish	1	Johnston I.	✓	✓	No data	rarely	Near Threatened	Stable	2009	24.35	Moderate risk		
Actinopteri	Acanthuriformes	Pomacentridae	Centropyge	Centropyge nox	Midnight angelfish	16	Australia; Fiji; Hong Kong; Indonesia; Japan; Micronesia; New Caledonia; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Solomon Is.; Taiwan; Timor-Leste; Tonga; Vanuatu	✓	✓ (low)	None	commercial	Least Concern	Stable	2009	25.54	Lower risk		
Actinopteri	Acanthuriformes	Pomacentridae	Centropyge	Centropyge potteri	Russet angelfish	2	Hawaii; Johnston I.	✓	✓ (low)	Captive bred (not for retail)	commercial	Least Concern	Stable	2009	25.54	Lower risk		
Actinopteri	Acanthuriformes	Pomacentridae	Centropyge	Centropyge respiciens	Resplendent angelfish	1	Ascension I.	✓	✓	Captive bred (not for retail)	commercial	Least Concern	Stable	2009	17.51	Lower risk		
Actinopteri	Acanthuriformes	Pomacentridae	Centropyge	Centropyge shepardi	Mango angelfish	5	Guam, Japan; North Mariana, Ogasawara Is., Palau	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2009	24.35	Lower risk		
Actinopteri	Acanthuriformes	Pomacentridae	Centropyge	Centropyge tibicen	Purple angelfish	26	Is.; Singapore; Taiwan; Thailand; Timor-Leste; Tonga; Vanuatu; Viet Nam	✓	✓ (low)	None	commercial	Least Concern	Stable	2009	34	Moderate risk		
Actinopteri	Acanthuriformes	Pomacentridae	Centropyge	Centropyge venusta	Kyuhma angelfish	6	China; Japan; Palau; Philippines; Ryukyu Is.; Taiwan	✓	✓ (Very low)	No data	commercial	Least Concern	Stable	2009	27.48	Lower risk		
Actinopteri	Acanthuriformes	Pomacentridae	Centropyge	Centropyge versicolor	Pearlescale angelfish	23	Micronesia; New Caledonia; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Taiwan; Timor-Leste; Tonga; Vanuatu; Viet Nam	✓	✓ (low)	None	commercial	Least Concern	Stable	2009	29.25	Lower risk		
Actinopteri	Acanthuriformes	Pomacentridae	Centropyge	Centropyge woodheadi	Centropyge woodheadi	5	Australia; Fiji; French Polynesia; Tonga; Vanuatu	✓	✓ (low)	None	rarely	not assessed	not assessed	not assessed	2009	29.25	Lower risk	
Actinopteri	Perciformes/Serranidae	Serranidae	Ophalophilis	Ophalophilis argus	Peacock hind	72	American Samoa, Andaman Is., Australia, Bangladesh, Brunei Darussalam, Caroline I.; Chagos Is.; China, Christmas I.; Cook Is. (Keel), Comoros, Cook Is., Djibouti, Egypt, Eritrea, Fiji, French Polynesia, Guam, Hong Kong, India, Indonesia, Israel, Japan, Jordan, Kenya, Kiribati, Lord Howe I., Madagascar, Malaysia, Maldives, Marqussas Is.; Marshall Is.; Mauritius, Mayotte, Micronesia, Mozambique, Myanmar, New Caledonia, Niue; North Mariana, Ogasawara Is.; Oman; Palau; Papua New Guinea, Philippines, Pitcairn, Réunionion, Rodriguez; Ryukyu Is.; Samoa; Seychelles, Singapore, Socotra Arch.; Solomon Is.; Somalia; South Africa; Sri Lanka; Sudan; Tahiti; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Tuvalu; US Minor Is.; Vanuatu; Viet Nam; Wallis Futuna; Yemen	✓	✓ (Very low)	No data	commercial	Least Concern	Stable	2017	48.76	Lower risk		
Actinopteri	Perciformes/Serranidae	Serranidae	Ophalophilis	Ophalophilis beanak	Chocolate hind	11	Andaman Is.; Australia; Cambodia; China; Comoros; Hong Kong; India; Indonesia, Japan; Kenya; Madagascar; Malaysia; Maldives; Mayotte; Micronesia; Mozambique; New Caledonia; Palau; Papua New Guinea; Philippines; Réunionion; Ryukyu Is.; Seychelles, Singapore; Solomon Is.; Sri Lanka; Taiwan; Tanzania; Thailand; Viet Nam; Wallis Futuna	✓	✓	No data	commercial	Least Concern	Stable	2016	31.04	Lower risk		
Actinopteri	Perciformes/Serranidae	Serranidae	Ophalophilis	Ophalophilis formosa	Bluelined hind	16	Andaman Is.; Australia; Brunei Darussalam, Cambodia, China, India, Indonesia, Japan, Malaysia; Papua New Guinea, Philippines, Singapore; Sri Lanka, Taiwan, Thailand, Viet Nam	✓	✓ (Very low)	None	rarely	Least Concern	Stable	2017	33.69	Lower risk		
Actinopteri	Perciformes/Serranidae	Serranidae	Ophalophilis	Ophalophilis fava	Coney	43	Anguilla, Antigua Barbuda, Aruba, Bahamas, Barbados, Belize, Bermuda, Cayman Is.; Colombia, Costa Rica, Cuba, Curaçao, I., Dominica, Dominican Rp, French Guiana, Grenada, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Mexico, Montserrat, Neeth Antilles, Nicaragua, Panama, Puerto Rico, St Kitts Nevis, St Lucia, St Paul's Hook, St Vincent Gren., Suriname, Trind, M Vaz Is., Trinitid Tobago, Turks Caicos Is.; Uruguay; USA, Venezuela, Virgin Is. (UK), Virgin Is. (US)	✓	✓	No data	commercial	Least Concern	Decreasing	2018	39.85	Lower risk		
Actinopteri	Perciformes/Serranidae	Serranidae	Ophalophilis	Ophalophilis minzta	Coral hind	53	American Samoa, Andaman Is., Australia, Caroline I.; Chagos Is.; China, Christmas I.; Comoros; Djibouti; Egypt; Eritrea, Fiji, India, Indonesia, Israel, Japan, Jordan, Kenya, Kiribati, Lord Howe I., Madagascar, Malaysia, Maldives, Marshall Is.; Mauritius, Mayotte, Micronesia, Mozambique; New Caledonia; North Mariana, Ogasawara Is.; Oman; Palau; Papua New Guinea, Philippines; Ryukyu Is.; Samoa, Saudi Arabia; Seychelles, Socotra Arch.; Solomon Is.; Somalia; South Africa; Sri Lanka; Sudan, Taiwan, Tanzania, Timor-Leste; Tonga, Tuvalu; Viet Nam; Wallis Futuna; Yemen	✓	✓ (low)	No data	commercial	Least Concern	Stable	2017	66.12	Lower risk		
Actinopteri	Perciformes/Serranidae	Serranidae	Ophalophilis	Ophalophilis oligosticta	Vermilion hind	6	Egypt, Eritrea, Israel, Jordan; Saudi Arabia; Sudan	✓	✓	No data	potential	Least Concern	Unknown	2018	31.76	-		
Actinopteri	Perciformes/Serranidae	Serranidae	Ophalophilis	Ophalophilis polini	Harlequin hind	23	Australia; Chagos Is.; Christmas I.; Cocos Is. (Keel), Comoros; French Polynesia; Guam; Indonesia, Japan, Kiribati; Madagascar; Maldives; Mauritius; Mayotte; Micronesia; Mozambique; New Caledonia; Palau; Papua New Guinea; Philippines; Réunionion; Ryukyu Is.; Sri Lanka; Timor-Leste	✓	✓ (Very low)	None	rarely	Least Concern	Unknown	2018	37.06	Lower risk		
Actinopteri	Perciformes/Serranidae	Serranidae	Ophalophilis	Ophalophilis polysylla	-	3	Andaman Is.; Indonesia; Thailand	✓	✓	No data	rarely	Least Concern	Unknown	2018	29.41	-		
Actinopteri	Perciformes/Serranidae	Serranidae	Ophalophilis	Ophalophilis semaeuata	Sibbotich hind	55	American Samoa, Andaman Is., Australia, Caroline I.; Chagos Is.; Christmas I.; Comoros, Cook Is.; Djibouti; Egypt; Eritrea, Fiji, French Polynesia, Guam, India, Indonesia, Japan, Jordan, Kenya, Kiribati, Lord Howe I.; Malaysia; Maldives; Marqussas Is.; Marshall Is.; Mauritius; Mayotte; Micronesia, Mozambique; New Caledonia; North Mariana, Ogasawara Is.; Pakistan; Palau; Papua New Guinea, Philippines, Pitcairn; Réunionion; Rodriguez; Ryukyu Is.; Samoa; Seychelles; Solomon Is.; South Africa; Sri Lanka, Taiwan, Tanzania, Timor-Leste; Tonga; Tuamotu Is.; US Minor Is.; Vanuatu; Viet Nam; Yemen	✓	✓ (Very low)	No data	rarely	Least Concern	Unknown	2017	33.23	Lower risk		
Actinopteri	Perciformes/Serranidae	Serranidae	Ophalophilis	Ophalophilis unodonta	Darkfin hind	50	American Samoa, Australia; Caroline I.; Chagos Is.; China, Christmas I.; Cook Is. (Keel), Comoros, Cook Is.; Fiji; French Polynesia, Guam; Hong Kong; India; Indonesia, Japan, Jordan, Kenya, Kiribati; Madagascar; Malaysia; Maldives; Marqussas Is.; Marshall Is.; Mauritius; Micronesia, Mozambique; New Caledonia; North Mariana, Ogasawara Is.; Oman; Palau; Papua New Guinea, Philippines, Pitcairn; Réunionion; Rodriguez; Ryukyu Is.; Samoa; Seychelles; Solomon Is.; South Africa; Sri Lanka, Taiwan, Tanzania, Timor-Leste; Tonga; Tuamotu Is.; US Minor Is.; Vanuatu; Viet Nam	✓	✓ (Very low)	No data	potential	Least Concern	Stable	2016	13.87	Lower risk		
Elasmobranchii	Carcharhiniformes	Scyliorhinidae	Oxyporhynchidae	Oxyporhynchus unbratilis	Blotchy swell shark	7	China, Fiji, Japan, Korea (North), Korea (South), Taiwan, Viet Nam	✓	✓	No data	potential	Near Threatened	Decreasing	2019	67.91	Higher risk		
Actinopteri	Gobiiformes	Gobiidae	Ondelia	Ondelia florida	Pugjaw wormfish	1	Anguilla, Antigua Barbuda, Aruba, Bahamas, Barbados, Belize, Bermuda, Cayman Is.; Cuba, Curaçao, I., Dominica, Dominican Rp, Grenada, Guadeloupe, Haiti, Jamaica, Martinique, Montserrat, Nicaragua, Panama, Puerto Rico; St Kitts Nevis, St Lucia, St Vincent Gren., Trinitid Tobago, Turks Caicos Is.; USA, Virgin Is. (UK), Virgin Is. (US)	✓	✓	No data	commercial	Least Concern	Unknown	2014	10	-		
Actinopteri	Esperacaria	Scorpaenidae	Oetocarus	Oetocarus bicolor	Bicolor parrotfish	8	Djibouti; Egypt; Eritrea; Israel; Jordan; Saudi Arabia; Sudan; Yemen	✓	✓ (low)	None	commercial	Least Concern	Unknown	2009	27.92	Lower risk		
Actinopteri	Esperacaria	Scorpaenidae	Oetocarus	Oetocarus ocellatus	Spotted parrotfish	45	American Samoa, Andaman Is., Australia, Caroline I.; Chagos Is.; Christmas I.; Comoros, Cook Is.; Djibouti; Egypt; Eritrea, Fiji, French Polynesia, Guam, India, Indonesia, Japan, Jordan, Kenya, Kiribati; Madagascar; Malaysia; Maldives; Marshall Is.; Mauritius; Micronesia, Mozambique; New Caledonia; Niue; North Mariana, Ogasawara Is.; Oman; Palau; Papua New Guinea, Philippines, Pitcairn; Réunionion; Rodriguez; Ryukyu Is.; Samoa; Seychelles, Singapore; Solomon Is.; Somalia; South Africa; Tahiti, Taiwan; Tanzania; Timor-Leste; Tokelau; Tuamotu Is.; Tuvalu; Vanuatu; Viet Nam; Wallis Futuna	✓	✓	No data	rarely	Least Concern	Unknown	2009	59.05	Moderate risk		

Non-CITES-listed marine ornamental fish species (n=2105), their native range States, extinction risk, vulnerability to harvest pressures and whether there was evidence of them in international trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Taxonomy						Range States		Evidence of species in international trade				Extinction risk/vulnerability				
Class	Order	Family	Genus	Species	Common Name	No of native range States	List of native range States	Evidence of species in international trade	Species imported in EU and/or US (% imports)	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Red List year of assessment	Vulnerability (FishBase)	Likelihood of threat from international trade
Actinopteri	Blenniiformes	Chaenopsidae	Chaenopsis	Chaenopsis limbaughi	Yellowface pikeblenny	15	Rico; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)			No data	commercial	Least Concern	Unknown	2007	10	-
Actinopteri	Blenniiformes	Chaenopsidae	Chaenopsis	Chaenopsis ocellata	Bluetooth pikeblenny	29	Antigua; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Cayman Is.; Colombia; Cuba; Curaçao; I.; Dominica; Dominican Rp.; Grenada; Guadeloupe; Haiti; Honduras; Jamaica; Martinique; Montserrat; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Trinidad Tobago; Turks Caicos Is.; USA; Virgin Is. (UK); Virgin Is. (US)			No data	commercial	Least Concern	Unknown	2007	10	-
Actinopteri	Tetraodontiformes	Monacanthidae	Chaetodontis	Chaetodontis penicilligerus	Pickly leatherjacket	11	Australia; Cambodia; China; Indonesia; Japan; Korea (South); Malaysia; Papua New Guinea; Philippines; Taiwan;	✓	✓ (low)	None	Unspecified	Least Concern	Stable	2017	32.92	Lower risk
Actinopteri	Acanthuriformes	Ephippidae	Chaetodontes	Chaetodontes faber	Atlantic spadefish	31	USA; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Brazil; Colombia; Costa Rica; Cuba; Curaçao; I.; Dominica; Dominican Rp.; French Guiana; Grenada; Guatemala; Guyana; Haiti; Honduras; Jamaica; Martinique; Mexico; Nicaragua; Panama; Puerto Rico; St Lucia; St Vincent Gren.; Suriname; Trinidad Tobago; USA; Venezuela; Virgin Is. (UK)	✓	✓ (Very low)	Captive bred (not for retail)	public aquariums	Least Concern	Unknown	2013	49.1	Lower risk
Actinopteri	Acanthuriformes	Ephippidae	Chaetodontes	Chaetodontes zonatus	Pacific spadefish	12	Peru; USA; Colombia; Costa Rica; Ecuador; El Salvador; Galapagos Is.; Guatemala; Honduras; Mexico; Nicaragua; Panama;	✓		No data	commercial	Least Concern	Unknown	2008	50.82	-
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon adspersus	Philippine butterflyfish	13	Australia; Brunei Darussalam; China; Indonesia; Japan; Korea (South); Malaysia; Palau; Philippines; Ryukyu Is.; Taiwan;	✓	✓ (low)	No data	commercial	Least Concern	Stable	2009	15.01	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon andamanensis	Andaman butterflyfish	7	Andaman Is.; India; Indonesia; Maldives; Myanmar; Sri Lanka; Thailand			No data	rarely	Data Deficient	Unknown	2009	12.01	-
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon argenteus	Asian butterflyfish	7	China; Japan; Ogasawara Is.; Philippines; Ryukyu Is.; Taiwan; Viet Nam	✓	✓ (Very low)	No data	commercial	Least Concern	Stable	2009	15.01	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon issawi	West Australian butterflyfish	2	Australia; Indonesia			No data	rarely	Least Concern	Stable	2009	10.53	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon areolaris	Golden butterflyfish	4	Australia; Indonesia; Papua New Guinea; Viet Nam	✓		No data	commercial	Least Concern	Stable	2009	10	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon auripes	Threatfin butterflyfish	65	Tonag; Vanuatu; Viet Nam; Wake I.; Yemen	✓	✓ (low)	None	commercial	Least Concern	Decreasing	2009	11.53	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon aurogates	Oriental butterflyfish	10	China; Hong Kong; Japan; Korea (South); Malaysia; Ogasawara Is.; Philippines; Ryukyu Is.; Taiwan; Viet Nam	✓		No data	commercial	Least Concern	Stable	2009	15.01	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon australis	Blacktail butterflyfish	8	Egypt; Eritrea; Israel; Jordan; Saudi Arabia; Somalia; Sudan; Yemen	✓		No data	commercial	Least Concern	Stable	2009	12.47	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon baronessa	Eastern trianquil butterflyfish	20	Australia; Christmas I.; Cook Is. (Keel); Fiji; Indonesia; Micronesia; New Caledonia; Ogasawara Is.; Palau; Taiwan; Viet Nam; Wake I.; Yemen	✓	✓ (Very low)	No data	commercial	Least Concern	Decreasing	2009	13.76	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon benetti	Bluishashed butterflyfish	42	Tanzania; Timor-Leste; Tonga; Viet Nam; Yemen	✓	✓ (low)	No data	commercial	Data Deficient	Stable	2009	15.01	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon blackburni	Brownburnie	7	Kenya; Madagascar; Mauritius; Mozambique; Réunion; South Africa; Tanzania	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2009	10.53	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon burgessi	Burgess butterflyfish	7	Indonesia; Malaysia; Micronesia; Palau; Papua New Guinea; Philippines; Tonga	✓	✓ (low)	None	commercial	Least Concern	Stable	2009	11.53	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon capistratus	Foureye butterflyfish	19	Antilles; Antigua Barbuda; Bahamas; Barbados; Belize; Bermuda; Cayman Is.; Cuba; Jamaica; Martinique; Mexico; Neeth	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2009	12.01	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon chiroli	Speckled butterflyfish	41	Vanuatu; Viet Nam	✓	✓ (low)	No data	commercial	Least Concern	Stable	2009	10	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon callare	Redtail butterflyfish	19	Pakistan; Philippines; Socotra Arch.; Sri Lanka; Taiwan; Thailand; Viet Nam; Yemen	✓	✓ (low)	None	commercial	Least Concern	Stable	2009	14.21	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon declivis	Marquesas butterflyfish	3	French Polynesia; Kiribati; Marquesas Is.	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2009	10	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon decussatus	Indian vagabond butterflyfish	13	Timor-Leste; Yemen	✓	✓ (low)	None	commercial	Least Concern	Stable	2009	15.01	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon dolacrus	Gman butterflyfish	1	Oman	✓		No data	rarely	Least Concern	Stable	2009	14.21	-
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon dolosus	African butterflyfish	9	Kenya; Madagascar; Mauritius; Mozambique; Réunion; Seychelles; Somalia; South Africa; Tanzania	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2009	12.01	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon ephippium	Saddle butterflyfish	36	Taiwan; Timor-Leste; Tonga; Tuamotu Is.; Vanuatu; Viet Nam; Wake I.	✓	✓ (low)	None	commercial	Least Concern	Stable	2009	23.58	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon falcata	Blackwedged butterflyfish	14	Taiwan; Tanzania; Thailand; Viet Nam	✓	✓ (low)	None	commercial	Least Concern	Stable	2009	15.01	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon fasciatus	Striped butterflyfish	8	Djibouti; Egypt; Eritrea; Israel; Jordan; Kenya; Saudi Arabia; Sudan	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2009	16.69	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon flavocornutus	Yellow-crowned butterflyfish	1	Hawaii	✓		No data	commercial	Least Concern	Stable	2009	10	-
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon frenatus	Bluespotted butterflyfish	13	Pitcairn; Samoa; Tonga; Tuamotu Is.	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2009	15.01	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon gardneri	Gardner's butterflyfish	15	Thailand; United Arab Em.; Yemen	✓		No data	commercial	Least Concern	Stable	2009	13.37	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon quaterfi	Crochet butterflyfish	13	Ryukyu Is.; Taiwan; Tonga; Viet Nam	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2009	14.21	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon guttatissimus	Peppered butterflyfish	23	Africa; Sri Lanka; Tanzania; Thailand; Yemen	✓	✓ (low)	None	commercial	Least Concern	Stable	2009	10	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon hefferi	Four-banded butterflyfish	10	Angola; Cape Verde; Gabon; Gambia; Ghana; Guinea; Guinea-Bissau; Mauritania; Senegal; Sierra Leone	✓		No data	commercial	Least Concern	Unknown	2009	21.88	-
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon humeralis	Threebanded butterflyfish	11	Peru	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2009	20.32	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon interruptus	Yellow teardrop butterflyfish	12	Seychelles; Sri Lanka	✓	✓ (low)	None	rarely	Least Concern	Stable	2009	15.01	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon kinjii	Sunburst butterflyfish	47	Taiwan; Tanzania; Timor-Leste; Tonga; Vanuatu; Viet Nam; Yemen	✓	✓ (low)	None	commercial	Least Concern	Stable	2009	12.01	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon levallei	Hooded butterflyfish	9	Djibouti; Egypt; Eritrea; Israel; Jordan; Oman; Saudi Arabia; Sudan; Yemen	✓	✓ (Very low)	No data	commercial	Least Concern	Stable	2009	12.04	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon leucopygia	Somal butterflyfish	5	Oman; Seychelles; Socotra Arch.; Tanzania; Yemen	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2009	16.68	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon lineolatus	Linead butterflyfish	52	Timor-Leste; Tonga; Viet Nam; Yemen	✓	✓ (Very low)	No data	commercial	Least Concern	Stable	2009	23.58	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon litus	Eastern Island butterflyfish	1	Easter I.	✓		No data	commercial	Least Concern	Stable	2009	13.37	-
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon madagascariensis	Seychelles butterflyfish	18	Mauritius; Mozambique; Réunion; Seychelles; Somalia; South Africa; Sri Lanka; Taiwan; Tanzania	✓	✓ (low)	None	commercial	Least Concern	Unknown	2009	10.53	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon marleyi	Doublesash butterflyfish	2	Mozambique; South Africa	✓		No data	commercial	Least Concern	Stable	2009	15.01	Lower risk

Non-CITES-listed marine ornamental fish species (n=2105), their native range States, extinction risk, vulnerability to harvest pressures and whether there was evidence of them in international trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Class	Order	Taxonomy			Common Name	No. of native range States	Range States	Evidence of species in international trade	Species imported in EU and/or UK (% imports)	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Extinction risk/vulnerability		
		Family	Genus	Species										List of native range States	Vulnerability (FishBase)	Likelihood of threat from international trade
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon melanostomus	Blackback butterflyfish	1	Andaman Is.; Australia; Cargados Carajios; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Egypt; Fiji; Guam; Hong Kong; India; Indonesia; Israel; Madagascar; Malaysia; Maldives; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; New Norfolk I.; Ogasawara Is.; Palau; Papua New Guinea; Philippines; R��union; Rodrigues; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Socotra Arch.; South Africa; Sri Lanka; Sudan; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Viet Nam; Yemen	✓	✓ (low)	None	commercial	Least Concern	Decreasing	2009	47.26	Moderate risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon melanostomus	Australian butterflyfish	10	Bahrain; Djibouti; Eritrea; Israel; Oman; Qatar; Saudi Arabia; Sudan; Yemen	✓	✓ (Very low)	No data	commercial	Least Concern	Stable	2009	10.63	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon mertensii	Aloil butterflyfish	28	Philippines; Pitcairn; Ryukyu Is.; Samoa; Sri Lanka; Taiwan; Tonga; Tuamotu Is.; Vanuatu; Viet Nam	✓	✓ (low)	None	commercial	Least Concern	Stable	2009	10	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon mesoleucos	White face butterflyfish	5	Djibouti; Saudi Arabia; Socotra Arch.; Sudan; Yemen	✓	✓ (low)	None	rarely	Least Concern	Unknown	2009	10.53	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon meyeri	Scrawled butterflyfish	38	Is.; Seychelles; Somalia; South Africa; Sri Lanka; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Wake I.	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2009	15.01	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon miliaris	Millet butterflyfish	4	Hawaii; Johnston I.; Midway Is.; Taiwan	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2009	12.41	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon mitsurus	Indian butterflyfish	9	Chagos Is.; Christmas I.; Cocos Is. (Keel); Comoros; Madagascar; Maldives; Mauritius; R��union; Seychelles	✓	✓ (low)	None	rarely	Least Concern	Stable	2009	13.37	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon multicinctus	Pabbled butterflyfish	2	Hawaii; Johnston I.	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2009	10	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon nigroquadratus	Black-spotted butterflyfish	6	Bahrain; Kuwait; Oman; Qatar; Saudi Arabia; United Arab Em.	✓	✓ (low)	No data	commercial	Least Concern	Stable	2009	11.53	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon nippon	Japanese butterflyfish	7	Japan; Korea (North); Korea (South); Ogasawara Is.; Philippines; Ryukyu Is.; Taiwan	✓	✓ (low)	No data	commercial	Least Concern	Stable	2009	12.01	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon ocellatus	Spotfin butterflyfish	35	Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2009	15.01	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon ocellicaudus	Spot tail butterflyfish	9	Australia; Indonesia; Malaysia; Palau; Papua New Guinea; Philippines; Solomon Is.; Timor-Leste; Viet Nam	✓	✓ (low)	No data	commercial	Data Deficient	Unknown	2009	12.01	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon octofasciatus	Eightband butterflyfish	21	Papua New Guinea; Philippines; Ryukyu Is.; Seychelles; Solomon Is.; Sri Lanka; Taiwan; Thailand; Viet Nam	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2009	10	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon ornatus	Gmatte butterflyfish	38	Is.; Samoa; Sri Lanka; Tahiti; Taiwan; Thailand; Timor-Leste; Tonga; Vanuatu; Viet Nam; Wake I.	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2009	15.01	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon otophthalmus	Spot-nape butterflyfish	15	Philippines; Solomon Is.; Sri Lanka; Timor-Leste	✓	✓ (Very low)	No data	commercial	Least Concern	Stable	2009	29.09	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon paucifasciatus	Eritrean butterflyfish	8	Djibouti; Egypt; Eritrea; Israel; Jordan; Saudi Arabia; Sudan; Yemen	✓	✓ (low)	None	commercial	Least Concern	Stable	2009	11.53	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon polioeris	Sunart butterflyfish	16	Australia; Cook Is.; Easter I.; Fiji; French Polynesia; Indonesia; Lord Howe I.; New Caledonia; Norfolk I.; Palau; Papua New Guinea; Pitcairn; Samoa; Tahiti; Tonga; Tuamotu Is.	✓	✓ (low)	None	commercial	Least Concern	Stable	2009	10	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon pictus	Horseshoe butterflyfish	2	Oman; Socotra Arch.	✓	✓ (Very low)	No data	rarely	Least Concern	Unknown	2009	14.27	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon plebeius	Blueblotch butterflyfish	20	Palau; Papua New Guinea; Philippines; Ryukyu Is.; Sri Lanka; Taiwan; Thailand; Tonga; Vanuatu; Viet Nam	✓	✓ (Very low)	No data	commercial	Least Concern	Decreasing	2009	12.01	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon punctatofasciatus	Spotband butterflyfish	22	Viet Nam; Wake I.	✓	✓ (low)	None	commercial	Least Concern	Stable	2009	10	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon quadrimaculatus	Fourspot butterflyfish	23	Tuamotu Is.; Wake I.	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2009	12.47	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon raffaei	Lalfiond butterflyfish	24	Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Sri Lanka; Tahiti; Taiwan; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Vanuatu; Viet Nam	✓	✓ (low)	No data	commercial	Least Concern	Stable	2009	14.21	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon rainfordi	Rainford's butterflyfish	3	Australia; Lord Howe I.; Papua New Guinea	✓	✓ (Very low)	None	commercial	Near Threatened	Decreasing	2009	12.01	Moderate risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon reticulatus	Mailed butterflyfish	15	Marshall Is.; Micronesia; New Caledonia; North Marianas; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Pitcairn; Ryukyu Is.; Samoa; Solomon Is.; Tahiti; Taiwan; Tonga; Wake I.	✓	✓ (low)	No data	commercial	Data Deficient	Stable	2009	14.21	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon robustus	Three-banded butterflyfish	3	Cape Verde; Mauritania; Sao Tome Princ.	✓	✓ (low)	No data	commercial	Least Concern	Stable	2009	13.79	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon sanctaehelenae	Saint Helena butterflyfish	2	Ascension I.; St Helena	✓	✓ (low)	No data	commercial	Least Concern	Stable	2009	14.21	-
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon sedentarius	Reef butterflyfish	30	Virgin Is. (US)	✓	✓ (low)	Captive bred (not for retail)	commercial	Least Concern	Stable	2009	12.01	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon sefene	Yellow-dotted butterflyfish	7	Indonesia; Japan; Papua New Guinea; Philippines; Ryukyu Is.; Taiwan; Timor-Leste	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2009	12.47	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon semeion	Dotted butterflyfish	29	Philippines; Ryukyu Is.; Samoa; Sri Lanka; Taiwan; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Viet Nam	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2009	21	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon similivittatus	Blackbeek butterflyfish	8	Djibouti; Egypt; Eritrea; Israel; Jordan; Saudi Arabia; Sudan; Yemen	✓	✓ (low)	None	commercial	Least Concern	Stable	2009	17.81	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon smithi	Smith's butterflyfish	3	Easter I.; French Polynesia; Pitcairn	✓	✓ (low)	No data	unspecified	Least Concern	Stable	2009	14.62	-
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon speculum	Mirror butterflyfish	25	Taiwan; Timor-Leste; Tonga; Vanuatu; Viet Nam	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2010	14.21	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon striatus	Banded butterflyfish	35	Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (Very low)	Rare	commercial	Least Concern	Stable	2009	12.47	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon triostriatus	Hawaiian butterflyfish	6	Cook Is.; French Polynesia; Hawaii; Johnston I.; Marshall Is.; Taiwan; Vanuatu; Viet Nam	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2009	12.01	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon triangulum	Triangle butterflyfish	8	Andaman Is.; Chagos Is.; Indonesia; Madagascar; Maldives; Seychelles; Taiwan; Thailand	✓	✓ (Very low)	No data	commercial	Least Concern	Stable	2009	12.47	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon trichurus	Tahiti butterflyfish	4	Cook Is.; French Polynesia; Tahiti; Tuamotu Is.	✓	✓ (Very low)	No data	commercial	Least Concern	Stable	2009	10	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon tricus	Three-striped butterflyfish	3	Australia; Lord Howe I.; Norfolk I.	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2009	12.01	-
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon trifasciatus	Chevron butterflyfish	56	Vanuatu; Viet Nam; Wake I.; Yemen	✓	✓ (Very low)	No data	commercial	Near Threatened	Decreasing	2009	24.48	Higher risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon trifasciatus	Melon butterflyfish	43	Tanzania; Thailand; Tuamotu Is.; Yemen	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2009	10	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon ulletensis	Pacific double-saddle butterflyfish	35	Leste; Tonga; Tuamotu Is.; Vanuatu; Viet Nam; Wallis Futuna	✓	✓ (low)	None	commercial	Least Concern	Stable	2009	12.01	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon unimaculatus	Tear-drop butterflyfish	10	China; Hong Kong; Indonesia; Japan; Korea (South); Philippines; Ryukyu Is.; Taiwan; Thailand; Viet Nam	✓	✓ (low)	No data	commercial	Least Concern	Stable	2009	14.62	Lower risk

Non-CITES-listed marine ornamental fish species (n=210), their native range States, extinction risk, vulnerability to harvest pressures and whether there was evidence of them in international trade. Taxonomy follows that used by Fishbase. Information on the data sources are provided in the

Taxonomy						Range States				Evidence of species in international trade	Species imported in EU and/or UK (% imports)	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Extinction risk/vulnerability		
Class	Order	Family	Genus	Species	Common Name	No of native range States	List of native range States	Year of first record	Year of last record							Year of last record	Vulnerability (Fishbase)	Likelihood of threat from international trade
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon xanthocephalus	Yellowhead butterflyfish	18	Réunion, Rodriguez, Seychelles; Somalia; South Africa; Sri Lanka; Tanzania; Thailand	✓	✓ (low)	None	commercial	Least Concern	Unknown	2009	15.01	Lower risk		
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon xanthurus	PEARLFISH	10	China; Hong Kong; Indonesia; Japan; Palau; Philippines; Ryukyu Is.; Taiwan; Timor-Leste; Viet Nam	✓	✓ (low)	None	commercial	Least Concern	Stable	2009	13.37	Lower risk		
Actinopteri	Acanthuriformes	Chaetodontidae	Chaetodon	Chaetodon zanzibaricus	Zanzibar butterflyfish	12	Somalia; South Africa; Tanzania	✓	✓ (very low)	No data	commercial	Least Concern	Stable	2009	10	Lower risk		
Actinopteri	Acanthuriformes	Pomacanthidae	Chaetodontoplos	Chaetodontoplos ballinae	Ballina angelfish	1	Australia	✓	✓ (low)	No data	rarely	Least Concern	Unknown	2009	40.37	Moderate risk		
Actinopteri	Acanthuriformes	Pomacanthidae	Chaetodontoplos	Chaetodontoplos caeruleopunctatus	Blue-spotted angelfish	1	Philippines	✓	✓ (very low)	Captive bred (not for retail)	commercial	Data Deficient	Unknown	2009	34.27	Moderate risk		
Actinopteri	Acanthuriformes	Pomacanthidae	Chaetodontoplos	Chaetodontoplos chryscephalus	Orange-face angelfish	5	Indonesia; Japan; Philippines; Ryukyu Is.; Taiwan	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2009	35.28	Moderate risk		
Actinopteri	Acanthuriformes	Pomacanthidae	Chaetodontoplos	Chaetodontoplos conspurcatus	Conspicuous angelfish	4	Australia; Lord Howe I.; New Caledonia; Norfolk I.	✓	✓ (very low)	Rare	commercial	Least Concern	Stable	2009	25.54	Lower risk		
Actinopteri	Acanthuriformes	Pomacanthidae	Chaetodontoplos	Chaetodontoplos delatarsi	Vevee angelfish	1	Indonesia	✓	None	No data	rarely	Least Concern	Stable	2009	35.28	Stable		
Actinopteri	Acanthuriformes	Pomacanthidae	Chaetodontoplos	Chaetodontoplos dubouayi	Scribbled angelfish	4	Australia; Indonesia; Papua New Guinea; Taiwan	✓	✓ (low)	Rare	commercial	Least Concern	Stable	2009	38.84	Higher risk		
Actinopteri	Acanthuriformes	Pomacanthidae	Chaetodontoplos	Chaetodontoplos melanosoma	Black-velvet angelfish	9	Andaman Is.; India; Indonesia; Japan; Papua New Guinea; Philippines; Taiwan; Timor-Leste; Viet Nam	✓	✓ (low)	None	commercial	Least Concern	Stable	2009	34.27	Moderate risk		
Actinopteri	Acanthuriformes	Pomacanthidae	Chaetodontoplos	Chaetodontoplos menardi	Queen-of-slender yellowtail	2	Australia; Lord Howe I.	✓	✓ (very low)	Rare	Unspecified	Least Concern	Stable	2009	38.15	Higher risk		
Actinopteri	Acanthuriformes	Pomacanthidae	Chaetodontoplos	Chaetodontoplos molesculus	Vermicoloured angelfish	14	Is.; Solomon Is.; Sri Lanka; Taiwan; Viet Nam	✓	✓ (low)	Moderate	commercial	Least Concern	Stable	2009	32.2	Moderate risk		
Actinopteri	Acanthuriformes	Pomacanthidae	Chaetodontoplos	Chaetodontoplos niger	Black angelfish	2	Japan; Philippines	✓	None	No data	rarely	Least Concern	Unknown	2009	38.15	-		
Actinopteri	Acanthuriformes	Pomacanthidae	Chaetodontoplos	Chaetodontoplos personifer	Blue-face angelfish	2	Australia; Taiwan	✓	None	No data	commercial	Least Concern	Stable	2009	50.29	Moderate risk		
Actinopteri	Acanthuriformes	Pomacanthidae	Chaetodontoplos	Chaetodontoplos polianus	Greytail angelfish	4	Indonesia; Palau; Papua New Guinea; Solomon Is.	✓	None	No data	rarely	Least Concern	Stable	2009	28.26	-		
Actinopteri	Acanthuriformes	Pomacanthidae	Chaetodontoplos	Chaetodontoplos septentrionalis	Bluesniped angelfish	11	Nam	✓	✓ (low)	Rare	commercial	Least Concern	Stable	2009	35.28	Moderate risk		
Actinopteri	Anguilliformes	Muraenidae	Chanoschanura	Chanoschanura vittata	Broadbanded moray		Anguilla; Antigua Barbuda; Aruba; Ascension I.; Bahamas; Barbados; Belize; Bermuda; Brazil; Cape Verde; Christmas I.; Curaçao I.; Dominica; Dominican Rp.; Grenada; Guadeloupe; Haiti; Hawaii; Jamaica; Jamaica; Kiribati; Martinique; Mauritius; Micronesia; Montserrat; Palau; Puerto Rico; Réunion; Sao Tome Prince; St Kitts Nevis; St Lucia; St Paul's Rocks; St Vincent Gren.; Taiwan; Trinidad Tobago; Virgin Is. (UK); Virgin Is. (US)	✓	None	No data	commercial	Least Concern	Unknown	2011	89.86	-		
Actinopteri	Esperacaria	Labridae	Chelinus	Chelinus chlorourus	Floral wrasse		American Samoa; Andaman Is.; Australia; Cambodia; Chagos Is.; China; Cocos Is. (Keel); Cook Is.; French Polynesia; Galapagos Is.; Guam; Hawaii; Hong Kong; India; Indonesia; Japan; Malaysia; Maldives; Marianne Is.; Marshall Is.; Mauritius; Micronesia; Mozambique; Myanmar; New Caledonia; North Marianas; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Réunion; Ryukyu Is.; Samoa; Seychelles; Solomon Is.; Somalia; South Africa; Sri Lanka; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Viet Nam; Wake I.	✓	None	No data	commercial	Least Concern	Unknown	2008	43.8	Moderate risk		
Actinopteri	Esperacaria	Labridae	Chelinus	Chelinus fasciatus	Redbreasted wrasse		Andaman Is.; Australia; Chagos Is.; China; Cocos Is. (Keel); Cook Is.; Guam; India; Indonesia; Japan; Kiribati; Madagascar; Malaysia; Maldives; Marshall Is.; Mauritius; Micronesia; Mozambique; Myanmar; New Caledonia; North Marianas; Palau; Papua New Guinea; Philippines; Réunion; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; 40 Somalia; Sri Lanka; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Vanuatu; Viet Nam; Wallis Futuna	✓	✓ (very low)	None	commercial	Least Concern	Unknown	2008	52.24	Moderate risk		
Actinopteri	Esperacaria	Labridae	Chelinus	Chelinus lunulatus	Broomtail wrasse		Bahrain; Djibouti; Egypt; Eritrea; Iran; Iraq; Jordan; Kuwait; Oman; Qatar; Saudi Arabia; Socotra Arch.; Somalia; 16 Sudan; United Arab Em.; Yemen	✓	✓ (very low)	None	commercial	Least Concern	Unknown	2008	47.81	Moderate risk		
Actinopteri	Esperacaria	Labridae	Chelinus	Chelinus oryzophthalmus	Snooty wrasse		American Samoa; Australia; Chagos Is.; China; Christmas I.; Fiji; French Polynesia; Guam; India; Indonesia; Japan; Kenya; Madagascar; Maldives; Marianne Is.; Marshall Is.; Micronesia; Mozambique; New Caledonia; North Marianas; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Réunion; Samoa; Seychelles; Socotra Arch.; 36 Somalia; South Africa; Taiwan; Tanzania; Timor-Leste; Tonga; Viet Nam; Yemen	✓	✓ (very low)	None	Unspecified	Least Concern	Unknown	2008	25.85	Lower risk		
Actinopteri	Esperacaria	Labridae	Chelinus	Chelinus trilobatus	Tripletail wrasse		American Samoa; Andaman Is.; Australia; Cambodia; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Cook Is.; Fiji; French Polynesia; Guam; India; Indonesia; Israel; Japan; Jordan; Kiribati; Malaysia; Maldives; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; North Marianas; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Pitcairn; Réunion; Ryukyu Is.; Samoa; Seychelles; Somalia; South Africa; Sudan; Taiwan; Tanzania; 47 Thailand; Timor-Leste; Tonga; Tuamotu Is.; US Minor Is.; Viet Nam; Wake I.	✓	None	No data	commercial	Least Concern	Stable	2009	42.75	Moderate risk		
Actinopteri	Esperacaria	Labridae	Chelio	Chelio inermis	Cigar wrasse		American Samoa; Andaman Is.; Australia; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Cook Is.; Djibouti; Easter I.; Egypt; French Polynesia; Guam; Hawaii; India; Indonesia; Japan; Jordan; Kenya; Korea (South); Lord Howe I.; Madagascar; Malaysia; Maldives; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; Norfolk I.; North Marianas; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Pitcairn; Réunion; Samoa; South Africa; Seychelles; 51 Seychelles; Socotra Arch.; South Africa; Sri Lanka; Taiwan; Tanzania; Timor-Leste; Tonga; Viet Nam; Yemen	✓	✓ (very low)	None	commercial	Least Concern	Unknown	2008	56.05	Moderate risk		
Actinopteri	Kurifformes	Apogonidae	Chelodactylus	Chelodactylus quinquefasciatus	Five-lined cardinalfish		Andaman Is.; Australia; Cargados Carago; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Comoros; Cook Is.; Egypt; Eritrea; Fiji; French Polynesia; Guam; India; Indonesia; Japan; Jordan; Kiribati; Lord Howe I.; Madagascar; Maldives; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; North Marianas; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Pitcairn; Réunion; Samoa; Saudi Arabia; Seychelles; Socotra Arch.; Solomon Is.; Sri Lanka; Sudan; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Vanuatu; Viet Nam;	✓	✓ (low)	Captive bred (not for retail)	public aquariums	Least Concern	Unknown	2022	12.47	Lower risk		
Actinopteri	Acanthuriformes	Chaetodontidae	Chelmon	Chelmon marginatus	Margined coralfish		51 Yemen	✓	✓ (low)	None	commercial	Least Concern	Stable	2009	14.21	Lower risk		
Actinopteri	Acanthuriformes	Chaetodontidae	Chelmon	Chelmon muelleri	Blackfin coralfish		3 Australia; Papua New Guinea; Viet Nam	✓	✓ (low)	None	commercial	Least Concern	Stable	2009	15.55	Lower risk		
Actinopteri	Acanthuriformes	Chaetodontidae	Chelmon	Chelmon rostratus	Copperband butterflyfish		Andaman Is.; Australia; Cambodia; China; Hong Kong; India; Indonesia; Japan; Malaysia; Mauritius; Papua New Guinea; 19 Guinea; Philippines; Ryukyu Is.; Singapore; Solomon Is.; Sri Lanka; Taiwan; Thailand; Viet Nam	✓	✓ (moderate)	None	commercial	Least Concern	Stable	2009	15.01	Lower risk		
Actinopteri	Acanthuriformes	Chaetodontidae	Chelmonops	Chelmonops cursorus	Western talma		1 Australia	✓	None	No data	rarely	Least Concern	Stable	2009	21	-		
Actinopteri	Acanthuriformes	Chaetodontidae	Chelmonops	Chelmonops truncatus	Eastern talma		1 Australia	✓	✓ (very low)	None	commercial	Least Concern	Stable	2009	16.69	Lower risk		
Actinopteri	Tetraodontiformes	Tetraodontidae	Chelodactylus	Chelodactylus	Milkspotted puffer		Andaman Is.; Australia; Bahrain; Bangladesh; China; Hong Kong; India; Indonesia; Iran; Japan; Kenya; Kuwait; Malaysia; Maldives; Mozambique; Myanmar; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Qatar; 31 Ryukyu Is.; Saudi Arabia; Somalia; South Africa; Taiwan; Tanzania; Thailand; United Arab Em.; Viet Nam	✓	None	No data	Unspecified	Least Concern	Unknown	2020	37.84	Lower risk		
Actinopteri	Tetraodontiformes	Diodontidae	Chilomycterus	Chilomycterus antennatus	Bridled burrfish		Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Cayman Is.; Cuba; Curaçao I.; Dominica; Dominican Rp.; Grenada; Guadeloupe; Haiti; Jamaica; Martinique; Mauritania; Montserrat; Panama; Puerto Rico; South Africa; St 28 Kitts Nevis; St Lucia; St Vincent Gren.; Trinidad Tobago; Turks Caicos Is.; USA; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (low)	None	Unspecified	Least Concern	Unknown	2011	20	Lower risk		
Actinopteri	Tetraodontiformes	Diodontidae	Chilomycterus	Chilomycterus anilimum	Web burrfish		Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Brazil; Cayman Is.; Colombia; Cuba; Curaçao I.; Dominica; Dominican Rp.; French Guiana; Grenada; Guadeloupe; Haiti; Jamaica; Martinique; Montserrat; Nicaragua; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Suriname; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela	✓	✓ (very low)	None	rarely	Least Concern	Unknown	2011	16	Lower risk		
Actinopteri	Tetraodontiformes	Diodontidae	Chilomycterus	Chilomycterus schopfi	Striped burrfish		7 Bahamas; Brazil; Canada; Cuba; Mexico; Trinidad Tobago; USA	✓	✓ (low)	None	commercial	Least Concern	Unknown	2009	14.84	Lower risk		
Elasmobranchii	Orectolobiformes	Hemiscylliidae	Chiloscyllium	Chiloscyllium arabicum	Arabian carpetshark		12 Bahrain; India; Iran; Iraq; Kuwait; Oman; Pakistan; Qatar; Saudi Arabia; Socotra Arch.; United Arab Em.; Yemen	✓	None	No data	rarely	Near Threatened	Decreasing	2017	41.65	Moderate risk		
Elasmobranchii	Orectolobiformes	Hemiscylliidae	Chiloscyllium	Chiloscyllium hasseloti	Hassel's bonboshoark		8 Andaman Is.; India; Indonesia; Malaysia; Myanmar; Singapore; Thailand; Viet Nam	✓	✓ (very low)	Captive bred (not for retail)	rarely	Least Concern	not assessed	not assessed	2017	29.54	Lower risk	
Elasmobranchii	Orectolobiformes	Hemiscylliidae	Chiloscyllium	Chiloscyllium plagiosum	Whitespotted bonboshoark		Cambodia; China; Hong Kong; India; Indonesia; Japan; Korea (South); Macau; Malaysia; Maldives; Philippines; 17 Ryukyu Is.; Singapore; Sri Lanka; Taiwan; Thailand; Viet Nam	✓	✓ (very low)	Common	rarely	Near Threatened	Decreasing	2020	35.62	Moderate risk		
Elasmobranchii	Orectolobiformes	Hemiscylliidae	Chiloscyllium	Chiloscyllium punctatum	Brown-banded bonboshoark		17 Guinea; Philippines; Singapore; Taiwan; Thailand; Viet Nam	✓	✓ (low)	Common	commercial	Near Threatened	Decreasing	2015	58.95	Moderate risk		
Actinopteri	Centrolophiformes	Latilidae	Chirocentrus	Chirocentrus brachyactylus	Two-tone longfin		3 Mozambique; Namibia; South Africa	✓	None	No data	rarely	Least Concern	not assessed	not assessed	2009	43	Moderate risk	
Actinopteri	Esperacaria	Scorpaenidae	Chlorurus	Chlorurus albidus	Bluemoon parrotfish		8 Chagos Is.; Kenya; Madagascar; Maldives; Mozambique; Seychelles; South Africa; Tanzania	✓	None	No data	commercial	Least Concern	Unknown	2009	22.64	-		
Actinopteri	Esperacaria	Scorpaenidae	Chlorurus	Chlorurus bleekeri	Bleeker's parrotfish		Australia; Fiji; Indonesia; Marshall Is.; Micronesia; New Caledonia; Palau; Papua New Guinea; Philippines; Samoa; 15 Solomon Is.; Timor-Leste; Tonga; Vanuatu; Viet Nam	✓	None	No data	commercial	Least Concern	Unknown	2009	30.63	Moderate risk		
Actinopteri	Esperacaria	Scorpaenidae	Chlorurus	Chlorurus boeweni	Bowen's parrotfish		Brunel Darussalam; Indonesia; Japan; Malaysia; Micronesia; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Taiwan;	✓	None	No data	Unspecified	Near Threatened	Unknown	2009	26.45	Moderate risk		
Actinopteri	Esperacaria	Scorpaenidae	Chlorurus	Chlorurus cyanopterus	Blue Humphrey parrotfish		5 Madagascar; Mauritius; Mozambique; South Africa; Tanzania	✓	None	No data	commercial	Near Threatened	Unknown	2009	31.08	-		
Actinopteri	Esperacaria	Scorpaenidae	Chlorurus	Chlorurus frontalis	Pacific slopedhead parrotfish		American Samoa; Australia; Cook Is.; French Polynesia; Guam; Japan; Kiribati; Marshall Is.; Micronesia; New Caledonia; North Marianas; Palau; Papua New Guinea; Philippines; Pitcairn; Ryukyu Is.; Samoa; Solomon Is.; Tahiti; 23 Taiwan; Tonga; Viet Nam; Wake I.	✓	None	No data	commercial	Least Concern	Stable	2009	24.27	-		
Actinopteri	Esperacaria	Scorpaenidae	Chlorurus	Chlorurus gibbus	Heavybeak parrotfish		8 Egypt; Eritrea; Israel; Jordan; Palau; Saudi Arabia; Somalia; Sudan	✓	None	No data	commercial	Least Concern	Unknown	2009	36.53	Moderate risk		
Actinopteri	Esperacaria	Scorpaenidae	Chlorurus	Chlorurus japonensis	Palecheek parrotfish		American Samoa; Australia; Cook Is.; Indonesia; Japan; Micronesia; New Caledonia; Palau; Papua New Guinea;	✓	None	No data	commercial	Least Concern	Unknown	2009	23.1	-		
Actinopteri	Esperacaria	Scorpaenidae	Chlorurus	Chlorurus perspicillatus	Spectacled parrotfish		17 Philippines; Ryukyu Is.; Samoa; Solomon Is.; Taiwan; Timor-Leste; Tonga; Viet Nam	✓	None	No data	commercial	Least Concern	Unknown	2009	44.93	-		
Actinopteri	Esperacaria	Scorpaenidae	Chlorurus	Chlorurus xanthurus	Daisy parrotfish		3 Hawaii; Johnston I.; Midway Is.	✓	None	No data	commercial	Least Concern	Unknown	2009	44.93	-		
Actinopteri	Esperacaria	Labridae	Chorodon	Chorodon axanopus	Orange-dotted tussockfish		Andaman Is.; Australia; Bahrain; Bangladesh; Chagos Is.; Christmas I.; Cocos Is. (Keel); Egypt; India; Indonesia; Jordan; Kenya; Kuwait; Malaysia; Maldives; Mauritius; Mozambique; Oman; Qatar; Réunion; Saudi Arabia; Seychelles; Socotra Arch.; Somalia; South Africa; Tanzania; Timor-Leste; United Arab Em.; Yemen	✓	None	No data	commercial	Least Concern	Unknown	2009	18.82	Lower risk		
Actinopteri	Esperacaria	Labridae	Chorodon	Chorodon zanzibaricus	Blue-tufted tussockfish		Andaman Is.; Australia; French Polynesia; Hong Kong; India; Indonesia; Japan; Malaysia; Micronesia; New Caledonia; Niue; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Singapore; Sri Lanka; Taiwan;	✓	✓ (very low)	No data	commercial	Least Concern	Unknown	2008	47.81	Moderate risk		
Actinopteri	Esperacaria	Labridae	Chorodon	Chorodon zanzibaricus	Blue-tufted tussockfish		10 China; Hong Kong; Japan; Korea (North); Korea (South); Palau; Philippines; Ryukyu Is.; Taiwan; Viet Nam	✓	None	No data	commercial	Least Concern	Unknown	2008	43.58	Lower risk		
Actinopteri	Esperacaria	Labridae	Chorodon	Chorodon zanzibaricus	Blue-tufted tussockfish		2 Australia; Viet Nam	✓	None	No data	commercial	Least Concern	Unknown	2008	59.07	-		

Non-CITES-listed marine ornamental fish species (n=2105), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by Fishbase. Information on the data sources are provided in the

Taxonomy		Range States					EVIDENCE OF SPECIES IN INTERNATIONAL TRADE	SPECIES IMPORTED IN EU AND/OR US (% imports)	EVIDENCE OF CAPTIVE-BREEDING	DEMAND FOR AQUARIA	RED LIST CATEGORY	RED LIST POPULATION TREND	RED LIST YEAR OF ASSESSMENT	VULNERABILITY (FISHBASE)	LIKELIHOOD OF THREAT FROM INTERNATIONAL TRADE	
Class	Order	Family	Genus	Species	Common Name	No of native range States										List of native range States
Actinopteri	Espercaria	Labridae	Chorodax	Chorodax fasciatus	Harlequin tuskfish	12	Australia; Japan; Lord Howe I.; Micronesia; New Caledonia; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Taiwan; Vanuatu; Viet Nam	✓	✓ (low)	None	commercial	Least Concern	Unknown	2008	34.51 Moderate risk	
Actinopteri	Espercaria	Labridae	Chorodax	Chorodax pygmaeus	Graphic tuskfish	3	Australia; New Caledonia; Philippines	✓	✓ (low)	None	public aquariums	Least Concern	Unknown	2008	50.33 -	
Actinopteri	Espercaria	Labridae	Chorodax	Chorodax jordani	Jordan's tuskfish	11	Australia; Fiji; Indonesia; Japan; New Caledonia; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Taiwan; Tonga	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2008	25.85 Lower risk	
Actinopteri	Espercaria	Labridae	Chorodax	Chorodax schoenleuii	Blackspot tuskfish	21	Australia; Thailand; Vanuatu; Viet Nam	✓	✓ (low)	No data	commercial	Near Threatened	Unknown	2004	39.41 -	
Actinopteri	Syngnathiformes	Syngnathidae	Choroichthys	Choroichthys brachyoma	Short-bodied pipefish	22	Seychelles; Socotra Arch.; Tonga	✓	✓ (low)	No data	Unspecified	Least Concern	Unknown	2015	10 -	
Actinopteri	Syngnathiformes	Syngnathidae	Choroichthys	Choroichthys sculptus	Sculptured pipefish	31	American Samoa; Andaman Is.; Australia; Caroline I.; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Fiji; French Polynesia; Guam; India; Indonesia; Japan; Kenya; Kiribati; Madagascar; Maldives; Marshall Is.; Mayotte; Micronesia; Mozambique; North Marianas; Palau; Papua New Guinea; Philippines; RÅrunion; Samoa; Taiwan; Tonga; Tuamotu Is.	✓	✓ (low)	No data	Unspecified	Least Concern	Decreasing	2015	10 Lower risk	
Actinopteri	Syngnathiformes	Syngnathidae	Choroichthys	Choroichthys scullus	Pignout pipefish	1	Australia	✓	✓ (low)	No data	Unspecified	Least Concern	Decreasing	2016	10 -	
Actinopteri	Ovalentaria	Pomacentridae	Chromis	Chromis acans	Midget chromis	24	Australia; Cook Is.; Fiji; French Polynesia; Guam; Hawaii; Japan; Johnston I.; Kiribati; Marshall Is.; Micronesia; New Caledonia; North Marianas; Ogasawara Is.; Palau; Papua New Guinea; Pitcairn; Ryukyu Is.; Samoa; Taiwan; Tonga; Tuamotu Is.; Vanuatu; Wake I.	✓	✓ (low)	None	Unspecified	not assessed	not assessed	not assessed	10.53 Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	Chromis	Chromis amboinensis	Amboin chromis	18	Australia; Christmas I.; Cocos Is. (Keel); Fiji; Guam; Indonesia; Japan; Marshall Is.; Micronesia; New Caledonia; North Marianas; Palau; Papua New Guinea; Philippines; Samoa; Timor-Leste; Tonga; Viet Nam	✓	✓ (Very low)	No data	commercial	Least Concern	Stable	2010	20.93 Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	Chromis	Chromis analis	Yellow chromis	20	Australia; China; Fiji; Guam; Indonesia; Japan; Korea (South); Micronesia; New Caledonia; North Marianas; Palau; Papua New Guinea; Philippines; RÅrunion; Ryukyu Is.; Solomon Is.; Taiwan; Timor-Leste; Tonga; Vanuatu; Viet Nam; Cocos I. (C.R.); Colombia; Costa Rica; Ecuador; El Salvador; Galapagos Is.; Guatemala; Honduras; Mexico; Nicaragua; Panama; Peru	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2010	29.25 Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	Chromis	Chromis atrilobata	Scissortail damselfish	12	American Samoa; Australia; Chagos Is.; Christmas I.; Cook Is.; French Polynesia; Guam; Indonesia; Japan; Kiribati; Lord Howe I.; Madagascar; Malaysia; Maldives; Marquesas Is.; Marshall Is.; Micronesia; New Caledonia; Palau; Papua New Guinea; Philippines; RÅrunion; Ryukyu Is.; Samoa; Seychelles; Taiwan; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Viet Nam; Wake I.	✓	✓ (low)	No data	Unspecified	Least Concern	Unknown	2007	24.75 Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	Chromis	Chromis atripetralis	Black-axil chromis	22	Australia; Christmas I.; Cocos Is. (Keel); Fiji; Indonesia; Japan; Kiribati; Marshall Is.; Micronesia; New Caledonia; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Solomon Is.; Taiwan; Timor-Leste; Tonga; US	✓	✓ (low)	None	commercial	Least Concern	Unknown	2022	23.46 Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	Chromis	Chromis atripes	Dark-fin chromis	22	Minor Is.; Vanuatu; Viet Nam	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2010	18.89 -	
Actinopteri	Ovalentaria	Pomacentridae	Chromis	Chromis cyanus	Blue chromis	19	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Bermuda; Cayman Is.; Cuba; Curaçao I.; Dominica; Dominican Rp; Grenada; Guadeloupe; Haiti; Jamaica; Martinique; Mexico; Montserrat; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (moderate)	None	commercial	Least Concern	Unknown	2009	26.31 Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	Chromis	Chromis dasymelas	Blue-spotted chromis	2	Mozambique; South Africa	✓	✓ (low)	No data	Unspecified	Least Concern	Unknown	2010	23.46 Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	Chromis	Chromis dimidiata	Chocolate-striped chromis	5	Egypt; Israel; Jordan; Socotra Arch.; Yemen	✓	✓ (Very low)	No data	Unspecified	Least Concern	Unknown	2010	18.89 Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	Chromis	Chromis elaeus	Twinspot chromis	19	Australia; Christmas I.; Cocos Is. (Keel); Fiji; Guam; Indonesia; Japan; Maldives; Marshall Is.; Micronesia; Palau; Cargados Carajos; Chagos Is.; Christmas I.; Comoros; Indonesia; Kenya; Maldives; Mauritius; Mozambique; Oman; 17 RÅrunion; Seychelles; Socotra Arch.; South Africa; Sri Lanka; Tanzania; Yemen	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2010	14.21 -	
Actinopteri	Ovalentaria	Pomacentridae	Chromis	Chromis fieldi	Two-tone Chromis	17	RÅrunion; Seychelles; Socotra Arch.; South Africa; Sri Lanka; Tanzania; Yemen	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2009	17.15 -	
Actinopteri	Ovalentaria	Pomacentridae	Chromis	Chromis flavicauda	Cobalt chromis	3	Bermuda; Brazil; Trinidad; M. Vaz Is.	✓	✓ (low)	No data	commercial	Data Deficient	Unknown	2009	17.15 -	
Actinopteri	Ovalentaria	Pomacentridae	Chromis	Chromis flavipectoralis	Malayan chromis	4	Indonesia; Malaysia; Maldives; Thailand	✓	✓ (low)	No data	Unspecified	Least Concern	Unknown	2010	16.21 -	
Actinopteri	Ovalentaria	Pomacentridae	Chromis	Chromis hamar	Chocolate-dig Chromis	1	Hawaii	✓	✓ (low)	No data	commercial	Least Concern	not assessed	not assessed	not assessed	14.52 Lower risk
Actinopteri	Ovalentaria	Pomacentridae	Chromis	Chromis hypolepis	Brown pulper	4	Australia; Lord Howe I.; New Zealand; Norfolk I.	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2010	32.51 -	
Actinopteri	Ovalentaria	Pomacentridae	Chromis	Chromis insolata	Sunshinefish	12	Tobago; USA	✓	✓ (low)	None	commercial	Least Concern	Unknown	2010	27.47 Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	Chromis	Chromis isomelas	Half-and-half chromis	13	American Samoa; Australia; Cook Is.; Fiji; French Polynesia; Marquesas Is.; New Caledonia; Palau; Papua New Guinea; Samoa; Tahiti; Tonga; Tuamotu Is.; Vanuatu	✓	✓ (low)	No data	commercial	Least Concern	not assessed	not assessed	not assessed	15.83 Lower risk
Actinopteri	Ovalentaria	Pomacentridae	Chromis	Chromis lepidolepis	Scaly chromis	29	Australia; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Comoros; Fiji; Hong Kong; Indonesia; Japan; Kenya; Kiribati; Maldives; Marshall Is.; Micronesia; Mozambique; New Caledonia; North Marianas; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Seychelles; South Africa; Taiwan; Tanzania; Timor-Leste; Tonga; Viet Nam	✓	✓ (low)	No data	Unspecified	not assessed	not assessed	not assessed	18.89 Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	Chromis	Chromis leucura	White-tail chromis	11	Ryukyu Is.	✓	✓ (low)	No data	Unspecified	Least Concern	Unknown	2009	17.13 Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	Chromis	Chromis lineata	Lined chromis	10	Australia; Christmas I.; Indonesia; Malaysia; Palau; Papua New Guinea; Philippines; Solomon Is.; Timor-Leste; Vanuatu	✓	✓ (low)	No data	commercial	Least Concern	not assessed	not assessed	not assessed	14.21 Lower risk
Actinopteri	Ovalentaria	Pomacentridae	Chromis	Chromis margaritifer	Bicolor chromis	27	American Samoa; Australia; Caroline I.; Christmas I.; Cocos Is. (Keel); Cook Is.; French Polynesia; Guam; Indonesia; Japan; Kiribati; Lord Howe I.; Marshall Is.; Micronesia; New Caledonia; North Marianas; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Samoa; Taiwan; Timor-Leste; Tonga; Tuamotu Is.; Vanuatu; Viet Nam	✓	✓ (low)	No data	commercial	Least Concern	not assessed	not assessed	not assessed	29.23 Lower risk
Actinopteri	Ovalentaria	Pomacentridae	Chromis	Chromis multipecta	Brown chromis	20	Anguilla; Antigua Barbuda; Aruba; Ascension I.; Bahamas; Barbados; Belize; Bermuda; Brazil; Cape Verde; Cayman Is.; Colombia; Costa Rica; Cuba; Curaçao I.; Dominica; Dominican Rp; French Guiana; Grenada; Guadeloupe; Guatemala; Guyana; Haiti; Honduras; Jamaica; Martinique; Mexico; Montserrat; Nicaragua; Panama; Puerto Rico; Sao Tome Prnc.; St Helena; St Kitts Nevis; St Lucia; St Paul's Rocks; St Vincent Gren.; Suriname; Trinidad; M. Vaz Is.; 45 Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (low)	No data	Captive bred (not for retail)	commercial	Least Concern	Unknown	2010	30.38 Moderate risk
Actinopteri	Ovalentaria	Pomacentridae	Chromis	Chromis nigroanalis	Kenyan chromis	4	Indonesia; Kenya; Madagascar; Maldives	✓	✓ (low)	No data	Unspecified	Least Concern	Unknown	2022	23.46 Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	Chromis	Chromis nigra	Blacktail chromis	13	Seychelles; South Africa; Sri Lanka; Tanzania	✓	✓ (low)	No data	Unspecified	Least Concern	not assessed	not assessed	not assessed	12.47 Lower risk
Actinopteri	Ovalentaria	Pomacentridae	Chromis	Chromis nigrata	Barrier reef chromis	3	Australia; Lord Howe I.; New Caledonia	✓	✓ (low)	No data	Unspecified	Least Concern	Unknown	2022	17.15 Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	Chromis	Chromis opercularis	Doublebar chromis	19	Andaman Is.; Australia; Chagos Is.; Christmas I.; Cocos Is. (Keel); India; Indonesia; Madagascar; Maldives; Mauritius; Mozambique; Philippines; RÅrunion; Seychelles; South Africa; Sri Lanka; Taiwan; Tanzania; Vanuatu	✓	✓ (Very low)	No data	Unspecified	Least Concern	Unknown	2022	29.25 Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	Chromis	Chromis ovalis	Hawaiian chromis	2	Hawaii; Midway Is.	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2022	31.62 Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	Chromis	Chromis pacifica	Pacific bronze Chromis	23	Tonga; Tuamotu Is.; Wake I.	✓	✓ (low)	No data	commercial	Least Concern	not assessed	not assessed	not assessed	19.23 -
Actinopteri	Ovalentaria	Pomacentridae	Chromis	Chromis punctipennis	Blacksmith	2	Mexico; USA	✓	✓ (low)	No data	Unspecified	Least Concern	Stable	2009	30.78 Moderate risk	
Actinopteri	Ovalentaria	Pomacentridae	Chromis	Chromis retrofasciata	Black-bar chromis	16	Ryukyu Is.; Solomon Is.; Taiwan; Timor-Leste; Tonga; Vanuatu	✓	✓ (moderate)	None	Unspecified	Least Concern	not assessed	not assessed	not assessed	14.62 Lower risk
Actinopteri	Ovalentaria	Pomacentridae	Chromis	Chromis scoleciloptera	Philippine chromis	4	Indonesia; Malaysia; Micronesia; Philippines	✓	✓ (low)	No data	Unspecified	Least Concern	Unknown	2022	27.47 Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	Chromis	Chromis scotti	Purple reeffish	13	Bahamas; Belize; Bermuda; Brazil; Colombia; Cuba; Curaçao I.; Jamaica; Mexico; Netherlands; Puerto Rico; USA; Virgin Is. (UK)	✓	✓ (Very low)	None	commercial	Least Concern	Unknown	2010	20.93 Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	Chromis	Chromis temataensis	Temate chromis	38	Andaman Is.; Australia; Cambodia; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Comoros; Fiji; Guam; India; Indonesia; Japan; Jordan; Madagascar; Maldives; Marshall Is.; Micronesia; Mozambique; New Caledonia; North Marianas; Palau; Papua New Guinea; Philippines; RÅrunion; Ryukyu Is.; Samoa; Seychelles; Socotra Arch.; Solomon Is.; Sri Lanka; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Viet Nam; Yemen	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2022	21.88 Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	Chromis	Chromis vanderbilii	Vanderbil's chromis	24	Australia; Cook Is.; Fiji; French Polynesia; Guam; Hawaii; Japan; Johnston I.; Marshall Is.; Micronesia; New Caledonia; New Zealand; Norfolk I.; North Marianas; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Pitcairn; Samoa; Taiwan; Tonga; Viet Nam	✓	✓ (moderate)	None	commercial	Least Concern	not assessed	not assessed	not assessed	12.47 Lower risk
Actinopteri	Ovalentaria	Pomacentridae	Chromis	Chromis vezleri	Threespot chromis	2	Hawaii; Johnston I.	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2022	13.26 Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	Chromis	Chromis viridis	Blue green damselfish	47	American Samoa; Andaman Is.; Australia; Caroline I.; Chagos Is.; China; Comoros; Cook Is.; Egypt; Fiji; French Polynesia; Guam; India; Indonesia; Israel; Japan; Jordan; Kiribati; Madagascar; Malaysia; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; North Marianas; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Pitcairn; RÅrunion; Ryukyu Is.; Samoa; Seychelles; Solomon Is.; Somalia; Taiwan	✓	✓ (high)	Captive bred (not for retail)	commercial	Least Concern	Unknown	2022	20.93 Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	Chromis	Chromis weberi	Weber's chromis	47	Andaman Is.; Australia; Caroline I.; Chagos Is.; Christmas I.; Comoros; Cook Is.; Egypt; Fiji; Guam; India; Indonesia; New Caledonia; North Marianas; Oman; Palau; Papua New Guinea; Philippines; Pitcairn; RÅrunion; Ryukyu Is.; Samoa; Seychelles; Socotra Arch.; Solomon Is.; Somalia; South Africa; Sri Lanka; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Vanuatu; Viet Nam; Yemen	✓	✓ (low)	None	Unspecified	Least Concern	Unknown	2022	24.75 Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	Chromis	Chromis xanthurus	Paletail chromis	29	American Samoa; Australia; China; Christmas I.; Cocos Is. (Keel); Cook Is.; Fiji; French Polynesia; Guam; Indonesia; Japan; Kiribati; Marquesas Is.; Marshall Is.; Micronesia; New Caledonia; New Zealand; Niue; North Marianas; Palau; Papua New Guinea; Philippines; Pitcairn; Samoa; Taiwan; Timor-Leste; Tonga; Vanuatu; Viet Nam	✓	✓ (low)	None	commercial	Least Concern	Unknown	2022	29.25 Lower risk	

Non-CITES-listed marine ornamental fish species (n=210), their native range States, extinction risk, vulnerability to harvest pressures and whether there was evidence of them in international trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Table with columns: Class, Order, Family, Genus, Species, Common Name, No of native range States, Range States, Evidence of species in International trade, Species imported in EU and/or US (% imports), Evidence of captive-breeding, Demand for aquaria, Red List category, Red List population trend, Red List year of assessment, Extinction risk/vulnerability (FishBase), and Likelihood of threat from International Trade. The table lists 210 species, including various Chrysiptera and Cirrhilabrus species, with their respective native ranges and conservation status.

Non-CITES-listed marine ornamental fish species (n=2105), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Taxonomy						Range States		Evidence of species in International trade				Extinction risk/vulnerability				
Class	Order	Family	Genus	Species	Common Name	No of native range States	List of native range States	Evidence of species in International trade	Species Imported in EU and/or UK (%) Imports	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Red List year of assessment	Vulnerability (FishBase)	Likelihood of threat from International Trade
Actinopteri	Centrarchiformes	Cirrhidae	<i>Cirrhilabrus</i>	<i>Cirrhilabrus nana</i>	Coral hawkfish	49	Andaman Is.; Australia; Chagos Is.; Christmas I.; Cocos Is. (Keel); Colombia; Costa Rica; Ecuador; Egypt; El Salvador; French Polynesia; Galapagos Is.; Guam; Guatemala; Hawaii; Hong Kong; Indonesia; Israel; Japan; Jordan; Kenya; Madagascar; Maldives; Marquesas Is.; Marshall Is.; Mexico; Micronesia; Mozambique; New Caledonia; Nicaragua; North Mariana; Ogasawara Is.; Oman; Palau; Papua New Guinea; Peru; Philippines; Socotra Arch.; Somalia; South Africa; Sudan; Taiwan; Tanzania; Timor-Leste; Tonga; Viet Nam; Wake I.; Yemen	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2015	10	Lower risk
Actinopteri	Centrarchiformes	Cirrhidae	<i>Cirrhilabrus</i>	<i>Cirrhilabrus fasciatus</i>	Redbreasted hawkfish	9	Hawaii; Japan; Madagascar; Mauritius; Réunion	✓	✓	No data	commercial	Least Concern	Unknown	2015	10	Lower risk
Actinopteri	Centrarchiformes	Cirrhidae	<i>Cirrhilus</i>	<i>Cirrhilus pinulatus</i>	Sticky hawkfish	11	American Samoa; Andaman Is.; Australia; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Comoros; Cook Is.; Egypt; Eritrea; Fiji; French Polynesia; Guam; Hawaii; India; Indonesia; Japan; Johnston I.; Kenya; Kermadec Is.; Kiribati; Lord Howe I.; Madagascar; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Micronesia; Midway Is.; Mozambique; Nauru; New Caledonia; New Zealand; Niue; North Mariana; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Pitcairn; Réunion; Samoa; Saudi Arabia; Seychelles; Socotra Arch.; Solomon Is.; Somalia; South Africa; Sri Lanka; Sudan; Tahiti; Taiwan; Tanzania; Timor-Leste; Tokelau; Tonga; Tuamotu Is.; Viet Nam; Wake Is.; Yemen	✓	✓	No data	commercial	Least Concern	Unknown	2015	16	Lower risk
Actinopteri	Centrarchiformes	Cirrhidae	<i>Cirrhilus</i>	<i>Cirrhilus rivulatus</i>	Giant hawkfish	11	Paru	✓	✓	No data	rarely	Least Concern	Stable	2007	29.28	Lower risk
Actinopteri	Blenniiformes	Blenniidae	<i>Cirripectes</i>	<i>Cirripectes alboopacalis</i>	Blackblotch blenny	12	Australia; Chile; Cook Is.; Easter I.; French Polynesia; Kermadec Is.; Lord Howe I.; New Caledonia; New Zealand; Norfolk I.; Pitcairn; Tonga	✓	✓	No data	commercial	Least Concern	Stable	2009	21.68	-
Actinopteri	Blenniiformes	Blenniidae	<i>Cirripectes</i>	<i>Cirripectes castaneus</i>	Chestnut eyelash-blenny	7	Australia; Cargados Carajos; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Comoros; Egypt; Fiji; India; Indonesia; Israel; Japan; Jordan; Kenya; Kermadec Is.; Lord Howe I.; Madagascar; Maldives; Mauritius; Micronesia; Mozambique; New Caledonia; New Zealand; Norfolk I.; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Réunion; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Socotra Arch.; Solomon Is.; South Africa; Sri Lanka; Sudan; Taiwan; Tanzania; Thailand; Tonga; Vanuatu; Viet Nam; Yemen	✓	✓	No data	commercial	Least Concern	Stable	2009	22.08	Lower risk
Actinopteri	Blenniiformes	Blenniidae	<i>Cirripectes</i>	<i>Cirripectes chebotari</i>	Lady Musgrave blenny	7	Australia; Fiji; Lord Howe I.; New Caledonia; Papua New Guinea; Tonga; Vanuatu	✓	✓	No data	commercial	Least Concern	Stable	2009	22.58	-
Actinopteri	Blenniiformes	Blenniidae	<i>Cirripectes</i>	<i>Cirripectes filamentus</i>	Filamentous blenny	27	Andaman Is.; Australia; Bahrain; Cargados Carajos; Eritrea; India; Indonesia; Kenya; Kuwait; Madagascar; Malaysia; Maldives; New Caledonia; Oman; Papua New Guinea; Philippines; Qatar; Ryukyu Is.; Saudi Arabia; Seychelles; Solomon Is.; Taiwan; Thailand; Timor-Leste; United Arab Em.; Viet Nam; Yemen	✓	✓	No data	commercial	Least Concern	Unknown	2009	17.15	-
Actinopteri	Blenniiformes	Blenniidae	<i>Cirripectes</i>	<i>Cirripectes obscurus</i>	Cargadown blenny	2	Hawaii; Midway Is.	✓	✓	No data	commercial	Least Concern	Stable	2009	28.7	Lower risk
Actinopteri	Blenniiformes	Blenniidae	<i>Cirripectes</i>	<i>Cirripectes quagga</i>	Squiggly blenny	36	Australia; Cargados Carajos; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Comoros; Cook Is.; Fiji; French Polynesia; Guam; Hawaii; India; Indonesia; Japan; Johnston I.; Kiribati; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Micronesia; North Mariana; Palau; Pitcairn; Réunion; Samoa; South Africa; Sri Lanka; Taiwan; Tanzania; Tonga; Tuamotu Is.; US Minor Is.; Viet Nam; Wake I.	✓	✓	No data	rarely	Least Concern	Stable	2009	19.5	Lower risk
Actinopteri	Blenniiformes	Blenniidae	<i>Cirripectes</i>	<i>Cirripectes stigmaticus</i>	Red-streaked blenny	34	American Samoa; Andaman Is.; Australia; Cargados Carajos; Christmas I.; Comoros; Fiji; India; Indonesia; Japan; Kenya; Kiribati; Madagascar; Maldives; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; Palau; Papua New Guinea; Philippines; Réunion; Samoa; Seychelles; Solomon Is.; Sri Lanka; Tanzania; Thailand; Timor-Leste; Tonga; US Minor Is.; Vanuatu; Wallis Futuna	✓	✓	No data	commercial	Least Concern	Stable	2009	23.74	Lower risk
Actinopteri	Blenniiformes	Blenniidae	<i>Cirripectes</i>	<i>Cirripectes vandrabiti</i>	Scarface blenny	2	Hawaii; Johnston I.	✓	✓	No data	commercial	Least Concern	Stable	2009	23.74	-
Actinopteri	Blenniiformes	Blenniidae	<i>Cirripectes</i>	<i>Cirripectes variolosus</i>	Red-speckled blenny	27	American Samoa; China; Cook Is.; Fiji; French Polynesia; Guam; Hawaii; Japan; Johnston I.; Kiribati; Marquesas Is.; Marshall Is.; Micronesia; North Mariana; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Pitcairn; Samoa; Sri Lanka; Tokelau; Tonga; Tuamotu Is.; US Minor Is.; Wake I.; Wallis Futuna	✓	✓	No data	commercial	Least Concern	Stable	2009	21.55	Lower risk
Actinopteri	Trachichthyiformes	Monoacanthidae	<i>Cleidopus</i>	<i>Cleidopus glaucomans</i>	Australian pineapplefish	1	Australia	✓	✓	No data	commercial	Least Concern	Unknown	2013	99.45	Lower risk
Actinopteri	Espercaria	Labridae	<i>Cleptopus</i>	<i>Cleptopus parzei</i>	Crooke wrasse	30	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Bermuda; Cayman Is.; Colombia; Cuba; Curaçao I.; Dominican Republic; Grenada; Guadeloupe; Haiti; Honduras; Jamaica; Martinique; Mexico; Montserrat; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (low)	None	commercial	Least Concern	Unknown	2009	34.51	Moderate risk
Actinopteri	Anquilliformes	Congridae	<i>Conger</i>	<i>Conger cinereus</i>	Longfin African conger	59	American Samoa; Andaman Is.; Australia; Bahrain; Cargados Carajos; Chagos Is.; Chile; China; Christmas I.; Cocos Is. (Keel); Comoros; Cook Is.; Easter I.; Fiji; French Polynesia; Guam; India; Indonesia; Japan; Jordan; Kermadec Is.; Kuwait; Lord Howe I.; Madagascar; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Mayotte; Micronesia; Midway Is.; Mozambique; New Caledonia; New Zealand; Niue; Norfolk I.; North Mariana; Ogasawara Is.; Oman; Pakistan; Palau; Papua New Guinea; Philippines; Qatar; Réunion; Samoa; Saudi Arabia; Seychelles; Somalia; South Africa; Sri Lanka; Sudan; Taiwan; Tanzania; Timor-Leste; Tonga; Tuvalu; United Arab Em.; Viet Nam	✓	✓ (low)	None	commercial	Least Concern	Unknown	2011	67.74	-
Actinopteri	Ovalentaria	Pseudochromidae	<i>Congrogadus</i>	<i>Congrogadus subdicens</i>	Carpet eelblenny	16	Andaman Is.; Australia; Cambodia; China; India; Indonesia; Japan; Malaysia; Papua New Guinea; Philippines; Ryukyu Is.; Singapore; Solomon Is.; Taiwan; Thailand; Viet Nam	✓	✓ (low)	Captive bred (not for retail)	commercial	Least Concern	Unknown	2018	43.8	Lower risk
Actinopteri	Espercaria	Pracanthidae	<i>Coeloclinus</i>	<i>Coeloclinus japonicus</i>	Longfinned bluntnose	51	Argentina; Aruba; Ascension I.; Australia; Bermuda; Brazil; Colombia; Comoros; Costa Rica; Curaçao I.; Easter I.; Ecuador; El Salvador; Fiji; French Polynesia; French Polynesia; Guam; Guatemala; Guyana; Hawaii; Honduras; Indonesia; Japan; Korea (South); Maldives; Mauritius; Mayotte; Mexico; Mozambique; Myanmar; New Caledonia; Nicaragua; Ogasawara Is.; Oman; Palau; Papua New Guinea; Peru; Réunion; Revillagigedo; Seychelles; Somalia; South Africa; Sri Lanka; Sudan; Taiwan; Tanzania; Timor-Leste; Tonga; Tuvalu; United Arab Em.; Viet Nam	✓	✓ (Very low)	None	commercial	Least Concern	Unknown	2013	25.34	-
Actinopteri	Acanthuriformes	Chaetodontidae	<i>Coradon</i>	<i>Coradon coralifeis</i>	Highfin coralife	15	Philippines; Ryukyu Is.; Solomon Is.; Taiwan; Vanuatu; Viet Nam	✓	✓	None	commercial	Least Concern	Stable	2009	14.21	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	<i>Coradon</i>	<i>Coradon chrysonotus</i>	Goldringtailed coralife	17	Australia; China; Hong Kong; Indonesia; Japan; Malaysia; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Solomon Is.; Taiwan; Thailand; Timor-Leste; Tonga; Viet Nam	✓	✓	No data	commercial	Least Concern	Stable	2009	12.01	-
Actinopteri	Acanthuriformes	Chaetodontidae	<i>Coradon</i>	<i>Coradon melanopus</i>	Twospot coralife	7	Australia; Indonesia; Papua New Guinea; Philippines; Ryukyu Is.; Solomon Is.; Timor-Leste	✓	✓	No data	commercial	Least Concern	Stable	2009	12.01	Lower risk
Actinopteri	Espercaria	Labridae	<i>Coris</i>	<i>Coris auricularis</i>	Western king wrasse	1	Australia	✓	✓	No data	rarely	Least Concern	Increasing	2008	50.24	Moderate risk
Actinopteri	Espercaria	Labridae	<i>Coris</i>	<i>Coris aurimacra</i>	Goldfinch coris	2	Australia; Viet Nam	✓	✓	No data	Unspecified	Least Concern	Unknown	2009	23.67	-
Actinopteri	Espercaria	Labridae	<i>Coris</i>	<i>Coris argyrea</i>	Clown coris	50	American Samoa; Australia; Caroline I.; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Cook Is.; Egypt; Fiji; French Polynesia; Guam; India; Indonesia; Israel; Japan; Jordan; Kenya; Kiribati; Lord Howe I.; Maldives; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; Niue; North Mariana; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Pitcairn; Réunion; Ryukyu Is.; Samoa; Seychelles; Socotra Arch.; Somalia; South Africa; Sri Lanka; Sudan; Taiwan; Tanzania; Timor-Leste; Tonga; Vanuatu; Wake I.; Yemen	✓	✓ (low)	None	commercial	Least Concern	Unknown	2008	72.31	Moderate risk
Actinopteri	Espercaria	Labridae	<i>Coris</i>	<i>Coris bairdii</i>	Batu coris	2	Hawaii; Midway Is.	✓	✓	No data	commercial	Least Concern	Unknown	2009	34.91	-
Actinopteri	Espercaria	Labridae	<i>Coris</i>	<i>Coris butanensis</i>	Batu coris	18	Is.; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Taiwan; Timor-Leste; Tonga	✓	✓	No data	commercial	Least Concern	Unknown	2009	25.85	Lower risk
Actinopteri	Espercaria	Labridae	<i>Coris</i>	<i>Coris subflava</i>	Doubleheader	3	Australia; Lord Howe I.; Norfolk I.	✓	✓	No data	commercial	Vulnerable	Decreasing	2008	66.64	-
Actinopteri	Espercaria	Labridae	<i>Coris</i>	<i>Coris caudimaculata</i>	Spottail coris	18	Australia; Comoros; Egypt; Indonesia; Israel; Jordan; Kenya; Madagascar; Mauritius; Mozambique; Oman; Papua New Guinea; Réunion; Saudi Arabia; Seychelles; Somalia; South Africa; Tanzania	✓	✓	No data	commercial	Least Concern	Unknown	2009	28.6	Lower risk
Actinopteri	Espercaria	Labridae	<i>Coris</i>	<i>Coris covreni</i>	Andaman coris	21	Myanmar; Oman; Réunion; Seychelles; Somalia; South Africa; Sri Lanka; Sudan; Tanzania; Thailand	✓	✓ (Very low)	None	rarely	Least Concern	Unknown	2009	37.49	Moderate risk
Actinopteri	Espercaria	Labridae	<i>Coris</i>	<i>Coris dorsomaculata</i>	Pale-banded coris	20	Australia; Brunei Darussalam; China; Christmas I.; Cocos Is. (Keel); Fiji; Indonesia; Japan; Malaysia; New Caledonia; New Zealand; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Solomon Is.; Taiwan; Timor-Leste; Tonga	✓	✓	No data	commercial	Least Concern	Unknown	2009	37.49	Moderate risk
Actinopteri	Espercaria	Labridae	<i>Coris</i>	<i>Coris flavovittata</i>	Yellowstripe coris	2	Hawaii; Midway Is.	✓	✓	No data	commercial	Least Concern	Unknown	2009	29.97	Moderate risk
Actinopteri	Espercaria	Labridae	<i>Coris</i>	<i>Coris formosa</i>	Queen coris	16	Chagos Is.; Comoros; India; Kenya; Maldives; Mauritius; Mozambique; Oman; Réunion; Seychelles; Socotra Arch.; Somalia; South Africa; Sri Lanka; Tanzania; Yemen	✓	✓ (low)	None	commercial	Least Concern	Unknown	2009	55.25	Moderate risk
Actinopteri	Espercaria	Labridae	<i>Coris</i>	<i>Coris galmar</i>	African coris	36	American Samoa; Australia; China; Christmas I.; Cocos Is. (Keel); Cook Is.; Fiji; French Polynesia; Guam; Hawaii; Indonesia; Japan; Johnston I.; Kiribati; Lord Howe I.; Malaysia; Marshall Is.; Micronesia; New Caledonia; Niue; North Mariana; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Solomon Is.; Tahiti; Taiwan	✓	✓ (low)	None	public aquariums	Least Concern	Stable	2008	38.07	Moderate risk
Actinopteri	Espercaria	Labridae	<i>Coris</i>	<i>Coris howei</i>	French Polynesia; Marquesas Is.	2	French Polynesia; Marquesas Is.	✓	✓	No data	rarely	Least Concern	Unknown	2009	27.68	-
Actinopteri	Espercaria	Labridae	<i>Coris</i>	<i>Coris julis</i>	Mediterranean rainbow wrasse	38	UK; Uruguay; West Sahara	✓	✓	No data	commercial	Least Concern	Stable	2009	38.53	Moderate risk
Actinopteri	Espercaria	Labridae	<i>Coris</i>	<i>Coris marquesensis</i>	Comb wrasse	2	French Polynesia; Marquesas Is.	✓	✓	No data	rarely	Least Concern	Unknown	2009	37.66	-
Actinopteri	Espercaria	Labridae	<i>Coris</i>	<i>Coris picta</i>	Blackstripe coris	8	Australia; Japan; Kermadec Is.; Lord Howe I.; New Caledonia; New Zealand; Norfolk I.; Ryukyu Is.	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2009	31.86	Moderate risk
Actinopteri	Espercaria	Labridae	<i>Coris</i>	<i>Coris pictoides</i>	Sandpaper wrasse	5	Australia; Indonesia; Malaysia; Philippines; Timor-Leste	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2009	24.91	Lower risk
Actinopteri	Espercaria	Labridae	<i>Coris</i>	<i>Coris sanderyi</i>	Sandpaper wrasse	6	Australia; Kermadec Is.; Lord Howe I.; New Caledonia; New Zealand; Norfolk I.	✓	✓	No data	commercial	Least Concern	Stable	2008	31.66	-
Actinopteri	Espercaria	Labridae	<i>Coris</i>	<i>Coris variegata</i>	Dapple coris	6	Egypt; Eritrea; Jordan; Palau; Saudi Arabia; Yemen	✓	✓	No data	commercial	Least Concern	Unknown	2008	28.8	Lower risk
Actinopteri	Espercaria	Labridae	<i>Coris</i>	<i>Coris venusta</i>	Elegant coris	2	Hawaii; Midway Is.	✓	✓ (Very low)	None	commercial	Least Concern	Unknown	2009	27.83	Lower risk
Actinopteri	Espercaria	Sciainidae	<i>Corvula</i>	<i>Corvula barbana</i>	Blue croaker	25	Anguilla; Antigua Barbuda; Aruba; Barbados; Cayman Is.; Cuba; Curaçao I.; Dominican Republic; Grenada; Guadeloupe; Haiti; Jamaica; Martinique; Mexico; Montserrat; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Trinidad Tobago; Turks Caicos Is.; USA; Virgin Is. (UK); Virgin Is. (US)	✓	✓	No data	commercial	Least Concern	Unknown	2019	20.85	-
Actinopteri	Gobiiformes	Gobiidae	<i>Coryphopterus</i>	<i>Coryphopterus dorus</i>	Colon goby	30	USA	✓	✓	No data	commercial	Least Concern	Unknown	2010	10	-

Non-CITES-listed marine ornamental fish species (n=2105), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Taxonomy				Range States		Evidence of species in International trade					Extinction risk/vulnerability						
Class	Order	Family	Genus	Species	Common Name	No of native range States	List of native range States	Evidence of species in International trade	Species Imported in EU and/or UK (%) Imports	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Red List year of assessment	Vulnerability (FishBase)	Likelihood of threat from International trade	
Actinopteri	Gobiiformes	Gobiidae	Coryphopterus	Coryphopterus eodon	Pallid goby	11	Bahamas; Belize; Brazil; Cayman Is.; Cuba; Haiti; Mexico; Trinidad Tobago; USA; Virgin Is. (UK); Virgin Is. (US)	✓		No data	commercial	Vulnerable	Unknown	2010	11.03	-	
Actinopteri	Gobiiformes	Gobiidae	Coryphopterus	Coryphopterus glaucofraenum	Bridled goby	9	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Bermuda; Brazil; Cayman Is.; Cuba; Curaçao; G.I. Dominica; Dominican Rp.; Grenada; Guadeloupe; Haiti; Jamaica; Martinique; Mexico; Montserrat; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓		No data	commercial	Least Concern	Unknown	2010	14.62	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Coryphopterus	Coryphopterus trilineatus	Glass goby	6	Bahamas; Cayman Is.; Cuba; Mexico; Trinidad Tobago; USA	✓		No data	commercial	Vulnerable	Unknown	2011	10	-	
Actinopteri	Gobiiformes	Gobiidae	Coryphopterus	Coryphopterus sporneus	Peppermint goby	27	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Cayman Is.; Cuba; Curaçao; G.I. Dominica; Dominican Rp.; Grenada; Guadeloupe; Haiti; Jamaica; Martinique; Mexico; Montserrat; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Trinidad Tobago; Turks Caicos Is.; USA; Virgin Is. (UK); Virgin Is. (US)	✓		No data	commercial	Vulnerable	Unknown	2011	10	Higher risk	
Actinopteri	Gobiiformes	Gobiidae	Coryphopterus	Coryphopterus personatus	Masked goby	30	(US)	✓		Moderate	commercial	Vulnerable	Unknown	2011	10	Higher risk	
Actinopteri	Syngnathiformes	Syngnathidae	Corythoichthys	Corythoichthys haemulopterus	Messmate pipefish	23	Andaman Is.; Australia; Indonesia; Japan; Madagascar; Maldives; Mauritius; Micronesia; Mozambique; New Caledonia; Oman; Palau; Papua New Guinea; Philippines; Réunion; Samoa; Seychelles; Singapore; Solomon Is.; Taiwan; Timor-Leste; Vanuatu; Viet Nam	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2015	19.05	Lower risk	
Actinopteri	Syngnathiformes	Syngnathidae	Corythoichthys	Corythoichthys sticticalis	Scribbled pipefish	14	Australia; French Polynesia; Guam; Indonesia; Marshall Is.; Micronesia; New Caledonia; North Marianne; Palau; Papua New Guinea; Philippines; Samoa; Solomon Is.; Tonga	✓	✓ (moderate)	None	public aquariums	Least Concern	Decreasing	2015	15.01	Lower risk	
Actinopteri	Syngnathiformes	Syngnathidae	Corythoichthys	Corythoichthys nigropunctatus	Black-breasted pipefish	13	Papua New Guinea; Philippines; Tonga	✓		No data	Unspecified	Least Concern	Decreasing	2015	10.53	Lower risk	
Actinopteri	Syngnathiformes	Syngnathidae	Corythoichthys	Corythoichthys parroti	Groiled pipefish	7	Indonesia; New Caledonia; Palau; Papua New Guinea; Philippines; Solomon Is.	✓		No data	rarely	Least Concern	Decreasing	2016	19	-	
Actinopteri	Syngnathiformes	Syngnathidae	Corythoichthys	Corythoichthys partouti	Partout's pipefish	2	Australia; New Caledonia	✓		No data	rarely	Least Concern	Decreasing	2016	12.93	Lower risk	
Actinopteri	Syngnathiformes	Syngnathidae	Corythoichthys	Corythoichthys polynotatus	Many-spotted pipefish	3	Indonesia; Palau; Philippines	✓		No data	Unspecified	Least Concern	Unknown	2016	12.47	-	
Actinopteri	Syngnathiformes	Syngnathidae	Corythoichthys	Corythoichthys schultzei	Schultze's pipefish		Andaman Is.; Australia; Chagos Is.; Christmas I.; Comoros; Egypt; French Polynesia; Hawaii; Indonesia; Japan; Jordan; Maldives; Marshall Is.; Mauritius; Mayotte; Mozambique; New Caledonia; Palau; Papua New Guinea; 20th Philippines; Réunion; Seychelles; Sri Lanka; Thailand; Taiwan; Timor-Leste; Tonga; Vanuatu; Viet Nam	✓		No data	public aquariums	Least Concern	Decreasing	2016	12.47	Lower risk	
Actinopteri	Syngnathiformes	Syngnathidae	Cosmocampus	Cosmocampus albivittatus	Whitenoise pipefish	12	USA	✓		No data	Unspecified	Least Concern	Unknown	2014	15.01	-	
Actinopteri	Syngnathiformes	Syngnathidae	Cosmocampus	Cosmocampus balfi	Balf's pipe fish	1	Hawaii	✓		No data	commercial	Vulnerable	Unknown	2015	10	-	
Actinopteri	Syngnathiformes	Syngnathidae	Cosmocampus	Cosmocampus mawsoni	Mawson's pipefish	8	Australia; Egypt; Indonesia; Marshall Is.; Papua New Guinea; Philippines; Samoa; Tonga	✓		No data	Unspecified	Least Concern	Decreasing	2015	10	-	
Actinopteri	Perciformes/Serranidae	Serranidae	Oromileptes	Oromileptes albirostris	Humpback grouper	23	Andaman Is.; Australia; Cambodia; China; Fiji; Guam; Hong Kong; India; Indonesia; Japan; Malaysia; New Caledonia; North Marianne; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Singapore; Sri Lanka; Taiwan; Thailand; Viet Nam	✓	✓ (low)	No data	commercial	Data Deficient	Decreasing	2016	33.52	Higher risk	
Actinopteri	Blenniiformes	Blenniidae	Crossosalarias	Crossosalarias macrospilus	Trigglespot blenny	13	Ryukyu Is.; Tonga; Viet Nam	✓	✓ (low)	No data	Unspecified	Least Concern	Unknown	2009	19.5	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Cryptocentrus	Cryptocentrus albidus	White-backed shrimpgoby	7	Indonesia; Japan; Palau; Philippines; Ryukyu Is.; Singapore; Taiwan	✓		No data	rarely	Least Concern	Unknown	2020	16.21	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Cryptocentrus	Cryptocentrus carolinaculatus	Blue-speckled prawn-goby	13	Ryukyu Is.; Solomon Is.; Viet Nam	✓	✓ (low)	No data	rarely	Least Concern	Unknown	2015	22.58	-	
Actinopteri	Gobiiformes	Gobiidae	Cryptocentrus	Cryptocentrus carolinapunctatus	Harlequin prawn-goby	13	Egypt; Saudi Arabia; Vietnam	✓	✓ (Very low)	None	commercial	Least Concern	Unknown	2018	23.16	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Cryptocentrus	Cryptocentrus cinctus	Yellow prawn-goby	13	Singapore; Timor-Leste; Viet Nam	✓	✓ (moderate)	Common	commercial	Least Concern	Unknown	2020	22.58	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Cryptocentrus	Cryptocentrus cyathophyllus	Blueback shrimpgoby	2	Indonesia; Palau	✓		No data	rarely	not assessed	not assessed	not assessed	2020	21.88	Lower risk
Actinopteri	Gobiiformes	Gobiidae	Cryptocentrus	Cryptocentrus cyanostriatus	Lagoon shrimpgoby	2	Indonesia; Papua New Guinea	✓	✓ (low)	Rare	rarely	Least Concern	Unknown	2020	21.88	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Cryptocentrus	Cryptocentrus fasciatus	Y-bar shrimpgoby	18	Andaman Is.; Australia; Indonesia; Madagascar; Maldives; New Caledonia; Oman; Palau; Papua New Guinea; Philippines; 18 Réunion; Rodriguez; Seychelles; Socotra Arch.; Solomon Is.; Sri Lanka; Tanzania; Thailand; Yemen	✓		Moderate	commercial	Least Concern	Unknown	2018	23.86	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Cryptocentrus	Cryptocentrus inaequalis	Irregular shrimpgoby	7	Australia; Indonesia; Japan; Palau; Philippines; Ryukyu Is.; Solomon Is.	✓		No data	rarely	Least Concern	Unknown	2020	25.64	-	
Actinopteri	Gobiiformes	Gobiidae	Cryptocentrus	Cryptocentrus leptophthalmus	Pink-speckled shrimpgoby	14	Singapore; Thailand; Tonga; Vanuatu; Viet Nam	✓	✓ (low)	Moderate	rarely	Least Concern	Unknown	2020	25.64	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Cryptocentrus	Cryptocentrus lineostriatus	Sad-colored prawn-goby	13	Samoa; Solomon Is.; Tonga; Vanuatu	✓		No data	rarely	Least Concern	Unknown	2020	16.21	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Cryptocentrus	Cryptocentrus lutheri	Luther's prawn-goby	10	Australia; China; French Polynesia; Kiribati; Marshall Is.; Micronesia; New Caledonia; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Solomon Is.; Sri Lanka; Taiwan; Tonga; Vanuatu; Viet Nam	✓		Captive bred (not for retail)	rarely	Least Concern	Unknown	2018	20.42	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Cryptocentrus	Cryptocentrus pavonoides	Pardal shrimpgoby	6	Indonesia; Malaysia; Myanmar; Philippines; Singapore; Thailand	✓	✓ (low)	None	rarely	Data Deficient	Unknown	2020	29.45	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Cryptocentrus	Cryptocentrus shigeris	Shige shrimpgoby	2	Japan; Palau	✓		No data	rarely	Least Concern	Unknown	2020	22.79	-	
Actinopteri	Gobiiformes	Gobiidae	Cryptocentrus	Cryptocentrus strigiliceps	Target shrimp goby	22	Andaman Is.; Australia; Fiji; Guam; Hong Kong; Indonesia; Japan; Maldives; Marshall Is.; Micronesia; Mozambique; New Caledonia; North Marianne; Oman; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Taiwan; Tonga; Viet Nam	✓		No data	commercial	Least Concern	Unknown	2015	21.88	Lower risk	
Actinopteri	Eupercaria	Scorpaenidae	Cryptotomus	Cryptotomus roseus	Blueleaf parrotfish	34	USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓		No data	commercial	Least Concern	Unknown	2008	10	-	
Actinopteri	Eupercaria	Scorpaenidae	Cryptotomus	Cryptotomus rosaceus	Blueleaf parrotfish		Admiralty Is.; American Samoa; Australia; Caroline I.; Chagos Is.; Cocos Is. (Keel); Comoros; Fiji; French Polynesia; Guam; Hong Kong; Indonesia; Japan; Kenya; Kiribati; Lord Howe I.; Madagascar; Malaysia; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; Norfolk I.; North Marianne; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Seychelles; Solomon Is.; South Africa; Sri Lanka; Tahiti; Taiwan; 48 Tanzania; Timor-Leste; Tonga; Tuamotu Is.; Tuvalu; US Minor Is.; Vanuatu; Viet Nam; Wake I.	✓	✓ (low)	None	commercial	Least Concern	Stable	2010	22.82	Lower risk	
Actinopteri	Acanthuriformes	Acanthuridae	Ctenochaetus	Ctenochaetus bimaculatus	Two-spot surgeonfish		Australia; China; Fiji; Indonesia; Kiribati; Malaysia; Marshall Is.; New Caledonia; North Marianne; Ogasawara Is.; 20 Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Timor-Leste; Tonga; Tuvalu; US Minor Is.; Wake I.	✓		No data	rarely	Least Concern	Stable	2010	21.31	Lower risk	
Actinopteri	Acanthuriformes	Acanthuridae	Ctenochaetus	Ctenochaetus flavicauda	Short-tail bristle-tooth	7	Cook Is.; French Polynesia; Kiribati; Marquesas Is.; Pitcairn; Tuamotu Is.; US Minor Is.	✓	✓ (low)	None	rarely	Least Concern	Unknown	2010	16.13	Lower risk	
Actinopteri	Acanthuriformes	Acanthuridae	Ctenochaetus	Ctenochaetus hawaiiensis	Chevron tang	19	American Samoa; Cook Is.; French Polynesia; Guam; Hawaii; Japan; Johnston I.; Kiribati; Marquesas Is.; Marshall Is.; Micronesia; North Marianne; Palau; Pitcairn; Samoa; Tonga; Tuamotu Is.; Viet Nam; Wake I.	✓	✓ (low)	None	Least Concern	Unknown	2010	24.62	Lower risk		
Actinopteri	Acanthuriformes	Acanthuridae	Ctenochaetus	Ctenochaetus marginatus	Striped-fin surgeonfish	15	Caroline I.; Clipperton I.; Cocos I. (Keel); Colombia; Costa Rica; French Polynesia; Hawaii; Johnston I.; Kiribati; 15 Marquesas Is.; Marshall Is.; Micronesia; New Caledonia; Panama; Tokelau	✓	✓ (very low)	No data	commercial	Least Concern	Unknown	2010	25.47	Lower risk	
Actinopteri	Acanthuriformes	Acanthuridae	Ctenochaetus	Ctenochaetus striatus	Striated surgeonfish	57	American Samoa; Andaman Is.; Australia; Caroline I.; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Comoros; Cook Is.; Egypt; Fiji; French Polynesia; Guam; India; Indonesia; Japan; Jordan; Kenya; Kiribati; Madagascar; Maldives; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; Norfolk I.; North Marianne; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Pitcairn; Réunion; Ryukyu Is.; Samoa; Seychelles; Socotra Arch.; Solomon Is.; Somalia; South Africa; Sri Lanka; Sudan; Tahiti; Taiwan; Tanzania; Timor-Leste; Tonga; Tuamotu Is.; 57 Tuvalu; Vanuatu; Viet Nam; Wake I.; Wallis Futuna; Yemen	✓	✓ (low)	None	commercial	Least Concern	Stable	2010	18.05	Lower risk	
Actinopteri	Acanthuriformes	Acanthuridae	Ctenochaetus	Ctenochaetus stegosus	Spotted surgeonfish	3	Hawaii; Johnston I.; Socotra Arch.	✓	✓ (moderate)	None	commercial	Least Concern	Stable	2010	26.65	Lower risk	
Actinopteri	Acanthuriformes	Acanthuridae	Ctenochaetus	Ctenochaetus tominiensis	Tomini surgeonfish	11	Australia; Fiji; Indonesia; Palau; Papua New Guinea; Philippines; Solomon Is.; Timor-Leste; Tonga; Vanuatu; Viet Nam	✓	✓ (moderate)	None	commercial	Least Concern	Unknown	2010	21.31	Lower risk	
Actinopteri	Acanthuriformes	Acanthuridae	Ctenochaetus	Ctenochaetus truncatus	Indian gold-rim bristle-tooth	22	Andaman Is.; Australia; Indonesia; Japan; Malaysia; Marshall Is.; Micronesia; New Caledonia; Palau; 22 Tanzania; Thailand	✓	✓ (low)	None	rarely	Least Concern	Unknown	2010	21.31	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Ctenogobius	Ctenogobius auricinctus	Gold-streaked prawn-goby	19	Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Solomon Is.; Sri Lanka; Taiwan; Tonga	✓		No data	commercial	Least Concern	Unknown	2015	17.71	-	
Actinopteri	Gobiiformes	Gobiidae	Ctenogobius	Ctenogobius maculosus	Seychelles shrimpgoby	5	Egypt; Eritrea; Israel; Saudi Arabia; Timor-Leste	✓		No data	commercial	Least Concern	Unknown	2015	14.62	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Ctenogobius	Ctenogobius pomatinctus	Gold-speckled prawn-goby	17	New Guinea; Philippines; Ryukyu Is.; Solomon Is.; Taiwan; Timor-Leste; Viet Nam	✓		No data	commercial	Least Concern	Unknown	2020	17.71	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Ctenogobius	Ctenogobius tangarui	Tangara shrimpgoby	16	Admiralty Is.; American Samoa; Australia; China; Fiji; Guam; Indonesia; Japan; Palau; Papua New Guinea; 16 Philippines; Ryukyu Is.; Samoa; Solomon Is.; Tonga; Vanuatu	✓	✓ (low)	None	commercial	Least Concern	Unknown	2020	11.03	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Ctenogobius	Ctenogobius saepepallens	Dash goby	12	Anguilla; Bahamas; Brazil; Cayman Is.; Cuba; Mexico; Puerto Rico; Trinidad Tobago; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓		No data	commercial	Least Concern	Unknown	2014	10	-	
Actinopteri	Eupercaria	Labridae	Ctenolabrus	Ctenolabrus rupestris	Goldfinny wrasse	38	Albania; Algeria; Belgium; Bosnia Herzegovina; Bulgaria; Croatia; Cyprus; Denmark; Egypt; France; Germany; Gibraltar; Greece; Iceland; Isle of Man; Israel; Italy; Lebanon; Libya; Monaco; Montenegro; Morocco; Netherlands; Norway; Poland; Portugal; Romania; Slovenia; Spain; Sweden; Syria; Tunisia; Turkey; UK; UK Eng/Wal; UK No Ind; UK No Ind; UK No Ind; UK No Ind; Ukraine	✓		No data	public aquariums	Least Concern	Stable	2008	32.5	Moderate risk	
Actinopteri	Tetraodontiformes	Dirotidae	Cylicichthys	Cylicichthys orbicularis	Blind-bait burfish	28	Australia; Bahrain; Cambodia; Guam; Hong Kong; India; Indonesia; Iran; Japan; Lord Howe I.; Malaysia; Maldives; Mauritius; Mozambique; Oman; Palau; Papua New Guinea; Philippines; Réunion; Saudi Arabia; Socotra Arch.; Somalia; South Africa; Taiwan; Tanzania; Thailand; Viet Nam; Yemen	✓		No data	Unspecified	not assessed	not assessed	not assessed	16	Lower risk	
Actinopteri	Perciformes/Scorpaenidae	Platycephalidae	Ombaccephalus	Ombaccephalus beauforti	Crocodile fish	11	Singapore; Taiwan	✓	✓ (very low)	No data	Unspecified	Least Concern	Unknown	2015	36.98	Lower risk	
Actinopteri	Eupercaria	Cymulidae	Oryzias latipes	Sharp-headed wrasse	2	Hawaii; Viet Nam	✓		No data	commercial	Least Concern	Unknown	2009	32.3	-		
Actinopteri	Ovalentaria	Pseudochromidae	Cyath	Cyathopoma purpuraceum	Oblique-lined dotyback	8	Admiralty Is.; Australia; Fiji; New Caledonia; Papua New Guinea; Solomon Is.; Tonga; Vanuatu	✓	✓ (low)	Common	commercial	Least Concern	Unknown	2013	13.79	Lower risk	

Non-CITES-listed marine ornamental fish species (n=2105), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Taxonomy						Range States		Evidence of species in International trade	Species Imported in EU and/or UK (%) Imports	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Extinction risk/vulnerability		
Class	Order	Family	Genus	Species	Common Name	No of native range States	List of native range States							Red List Vulnerability (FishBase)	Likelihood of threat from International trade	
Actinopteri	Centrarchiformes	Cirriidae	Cyprinocirrhites	<i>Cyprinocirrhites polyactis</i>	Swallowtail hawkfish	22	Australia; China; Fiji; Indonesia; Japan; Madagascar; Maldives; Mauritius; Micronesia; New Caledonia; New Zealand; Palau; Papua New Guinea; Philippines; R�union; Seychelles; South Africa; Taiwan; Tanzania; Timor-Leste; Tonga; Viet Nam	✓	✓ (Very low)	None	commercial	Least Concern	Unknown	2015	10	Lower risk
Actinopteri	Dactylopteriformes	Dactylopteridae	<i>Dactyloptera</i>	<i>Dactyloptera orientalis</i>	Oriental flying gurnard	58	American Samoa; Andaman Is.; Australia; Bahrain; Cambodia; Chagos Is.; China; Comoros; Cook Is.; Fiji; French Polynesia; Guam; Hawaii; Hong Kong; India; Indonesia; Japan; Kenya; Korea (South); Kuwait; Lord Howe I.; Madagascar; Malaysia; Maldives; Marquesas Is.; Mauritius; Mayotte; Micronesia; Mozambique; Myanmar; New Caledonia; New Zealand; North Mariana; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Pitcairn; Qatar; R�union; Rodrigues; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Somalia; South Africa; Tahiti; Taiwan; Tanzania; Thailand; Tonga; Tuamotu Is.; United Arab Em.; Vanuatu; Viet Nam; Yemen	✓	✓ (low)	Common	commercial	Least Concern	Unknown	2015	18.14	Lower risk
Actinopteri	Dactylopteriformes	Dactylopteridae	<i>Dactylopterus</i>	<i>Dactylopterus volitans</i>	Flying gurnard	57	Albania; Algeria; Angola; Antigua Barbuda; Argentina; Aruba; Bahamas; Barbados; Belize; Bermuda; Brazil; Canada; Cape Verde; Cayman Is.; Colombia; Costa Rica; Cote d'Ivoire; Cuba; Cura�ao; I.; Cyprus; Dominica; Dominican Rp.; France; French Guiana; Gabon; Greece; Grenada; Guatemala; Guinea; Guinea-Bissau; Guyana; Haiti; Honduras; Italy; Jamaica; Malta; Mauritania; Mexico; Nicaragua; Panama; Puerto Rico; Sao Tome Princ.; Spain; St Lucia; St Paul's Rocks; St Vincent Gren.; Suriname; Syria; Trinidad Tobago; Turkey; Turks Caicos Is.; UK; Ukraine; Uruguay; USA; Venezuela; Virgin Is. (US)	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2013	30.57	Lower risk
Actinopteri	Callionymiformes	Callionymidae	<i>Dactylopus</i>	<i>Dactylopus decylopus</i>	Fingered dragonet	14	Australia; Cambodia; China; Guam; Indonesia; Japan; Malaysia; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Singapore; Taiwan; Viet Nam	✓	✓ (low)	None	commercial	Least Concern	Unknown	2022	32.5	Lower risk
Actinopteri	Ovalentaria	Pomacentridae	<i>Dascyllus</i>	<i>Dascyllus albisetella</i>	Hawaiian dascyllus	2	Hawaii; Johnston I.	✓	✓ (Very low)	Captive bred (not for retail)	commercial	Least Concern	Unknown	2022	10	Lower risk
Actinopteri	Ovalentaria	Pomacentridae	<i>Dascyllus</i>	<i>Dascyllus aruanus</i>	Whitetail dascyllus	51	Lanka; Sudan; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Vanuatu; Viet Nam	✓	✓ (moderate)	Captive bred (not for retail)	commercial	Least Concern	Unknown	2022	26.39	Lower risk
Actinopteri	Ovalentaria	Pomacentridae	<i>Dascyllus</i>	<i>Dascyllus auripinnis</i>		2	Cook Is.; Kiribati	✓	✓ (low)	None	rarely	Least Concern	Unknown	2022	26.92	Lower risk
Actinopteri	Ovalentaria	Pomacentridae	<i>Dascyllus</i>	<i>Dascyllus coronatus</i>	Cloudy dascyllus	15	Seychelles; Socotra Arch.; South Africa; Sri Lanka; Tanzania; Yemen	✓	✓ (low)	None	commercial	Least Concern	Unknown	2022	14.21	Lower risk
Actinopteri	Ovalentaria	Pomacentridae	<i>Dascyllus</i>	<i>Dascyllus flavicaudus</i>	Yellowtail dascyllus	5	Cook Is.; French Polynesia; Kiribati; Tuvalu	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2022	23.46	Lower risk
Actinopteri	Ovalentaria	Pomacentridae	<i>Dascyllus</i>	<i>Dascyllus marginatus</i>	Marginate dascyllus	7	China; Egypt; Jordan; Oman; Socotra Arch.; Taiwan; Yemen	✓	✓ (low)	None	commercial	Least Concern	Unknown	2022	12.47	Lower risk
Actinopteri	Ovalentaria	Pomacentridae	<i>Dascyllus</i>	<i>Dascyllus melanurus</i>	Blacktail humbug	17	Australia; Indonesia; Japan; Korea (South); Marshall Is.; Micronesia; New Caledonia; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Solomon Is.; Taiwan; Timor-Leste; Tonga; Vanuatu; Viet Nam	✓	✓ (moderate)	None	commercial	Least Concern	Unknown	2022	16.21	Lower risk
Actinopteri	Ovalentaria	Pomacentridae	<i>Dascyllus</i>	<i>Dascyllus reticulatus</i>	Reticulate dascyllus	28	Australia; Christmas I.; Cocos Is. (Keel); Cook Is.; French Polynesia; Guam; Indonesia; Japan; Kiribati; Lord Howe I.; Marshall Is.; Micronesia; New Caledonia; North Mariana; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Pitcairn; Ryukyu Is.; Samoa; Solomon Is.; Taiwan; Thailand; Timor-Leste; Tonga; Vanuatu; Viet Nam	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2022	24.77	Lower risk
Actinopteri	Ovalentaria	Pomacentridae	<i>Dascyllus</i>	<i>Dascyllus trimaculatus</i>	Threespot dascyllus	66	Andaman Is.; Australia; Bahrain; Cambodia; Caroline I.; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Comoros; Cook Is.; Djibouti; Egypt; Eritrea; Fiji; French Polynesia; Guam; Hong Kong; India; Indonesia; Japan; Jordan; Kenya; Kiribati; Korea (South); Kuwait; Lord Howe I.; Madagascar; Malaysia; Maldives; Marshall Is.; Mauritius; Micronesia; Mozambique; Myanmar; New Caledonia; New Zealand; North Mariana; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Pitcairn; Qatar; R�union; Samoa; Saudi Arabia; Seychelles; Socotra Arch.; Solomon Is.; Somalia; South Africa; Sri Lanka; Sudan; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuamotu Is.; United Arab Em.; US Minor Is.; Vanuatu; Viet Nam; Yemen	✓	✓ (moderate)	Common	commercial	Least Concern	Unknown	2022	25.07	Lower risk
Elasmobranchii	Myliobatiformes	Dasyatidae	<i>Dasyatis</i>	<i>Dasyatis brevius</i>	Whiptail stingray	14	Chile; Colombia; Costa Rica; Ecuador; El Salvador; Galapagos Is.; Guatemala; Hawaii; Honduras; Mexico; Nicaragua; Panama; Peru; USA	✓	✓ (Very low)	No data	public aquariums	not assessed	not assessed	not assessed	75.76	-
Actinopteri	Eupercaria	Labridae	<i>Decodon</i>	<i>Decodon puerilis</i>	Red hooffish	28	Anguilla; Antigua Barbuda; Aruba; Barbados; Cayman Is.; Colombia; Cuba; Cura�ao; I.; Dominica; Dominican Rp.; Grenada; Guadeloupe; Haiti; Jamaica; Martinique; Mexico; Montserrat; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Suriname; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (US)	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2014	34.51	-
Actinopteri	Perciformes/Scorpaenoidi	Scorpaenidae	<i>Dendrochirus</i>	<i>Dendrochirus barberi</i>	Hawaiian lionfish	2	Hawaii; Johnston I.	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2015	31.96	Lower risk
Actinopteri	Perciformes/Scorpaenoidi	Scorpaenidae	<i>Dendrochirus</i>	<i>Dendrochirus biocellatus</i>	Twospot turkeyfish	30	American Samoa; Australia; Christmas I.; Cook Is.; Fiji; French Polynesia; Guam; Indonesia; Japan; Malaysia; Maldives; Marshall Is.; Mauritius; Mayotte; Micronesia; New Caledonia; North Mariana; Palau; Papua New Guinea; Philippines; R�union; Ryukyu Is.; Samoa; Solomon Is.; Sri Lanka; Taiwan; Tanzania; Timor-Leste; Tonga; Tuamotu Is.; Vanuatu; Viet Nam; Yemen	✓	✓ (low)	Rare	commercial	Least Concern	Unknown	2015	29.01	Lower risk
Actinopteri	Perciformes/Scorpaenoidi	Scorpaenidae	<i>Dendrochirus</i>	<i>Dendrochirus brachypterus</i>	Dwarf lionfish	20	Andaman Is.; Australia; Guam; India; Indonesia; Japan; Lord Howe I.; Malaysia; Maldives; Mayotte; Mozambique; New Caledonia; North Mariana; Palau; Papua New Guinea; Philippines; Samoa; Solomon Is.; Thailand; Tonga; Viet Nam	✓	✓ (moderate)	Rare	commercial	Least Concern	Unknown	2015	32.38	Lower risk
Actinopteri	Perciformes/Scorpaenoidi	Scorpaenidae	<i>Dendrochirus</i>	<i>Dendrochirus zebra</i>	Zebra turkeyfish	30	Andaman Is.; Australia; Chagos Is.; China; Christmas I.; Cook Is.; Hong Kong; Indonesia; Japan; Kenya; Lord Howe I.; Madagascar; Malaysia; Maldives; Marshall Is.; Mauritius; Mayotte; Micronesia; Mozambique; New Caledonia; Norfolk I.; Ogasawara Is.; Palau; Papua New Guinea; Philippines; R�union; Rodrigues; Samoa; Seychelles; South Africa; Sri Lanka; Taiwan; Thailand; Tonga; Vanuatu; Viet Nam	✓	✓ (low)	Rare	commercial	Least Concern	Unknown	2015	46.15	Lower risk
Actinopteri	Perciformes/Serranoidi	Serranidae	<i>Dematolepis</i>	<i>Dematolepis nemis</i>	Markled grouper	3	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Bermuda; Brazil; Cayman Is.; Colombia; Costa Rica; Cuba; Cura�ao; I.; Dominica; Dominican Rp.; French Guiana; Grenada; Guadeloupe; Guatemala; Guyana; Haiti; Honduras; Jamaica; Martinique; Mexico; Montserrat; North Antilles; Nicaragua; Panama; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Suriname; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (US)	✓	✓ (Very low)	No data	rarely	Data Deficient	Decreasing	2018	60.64	-
Actinopteri	Gobiesociformes	Gobiesocidae	<i>Diademichthys</i>	<i>Diademichthys lineatus</i>		15	Ryukyu Is.; Taiwan; Thailand; Tonga; Viet Nam	✓	✓ (low)	None	Unspecified	Least Concern	Unknown	2015	26.52	Lower risk
Actinopteri	Eupercaria	Haemulidae	<i>Diagramma</i>	<i>Diagramma pictum</i>	Painted sweetlips	53	South Africa; Sri Lanka; Sudan; Taiwan; Tanzania; Thailand; Timor-Leste; United Arab Em.; Viet Nam; Yemen	✓	✓ (low)	No data	commercial	not assessed	not assessed	not assessed	44.59	Moderate risk
Actinopteri	Ophidiiformes	Dinemactichthyidae	<i>Danicistrus</i>	<i>Danicistrus fuscus</i>	Dusky brotuliid	6	China; Japan; Philippines; Ryukyu Is.; Taiwan; Viet Nam	✓	✓ (low)	None	commercial	Least Concern	Unknown	2019	13.37	Lower risk
Actinopteri	Centrarchiformes	Dichistidae	<i>Dichistis</i>	<i>Dichistis capensis</i>	Gajun	3	Angola; Namibia; South Africa	✓	✓ (Very low)	No data	rarely	not assessed	not assessed	not assessed	59.98	Moderate risk
Actinopteri	Tetraodontiformes	Diodontidae	<i>Diodon</i>	<i>Diodon holocanthus</i>	Longspined porcupinefish	61	Yemen	✓	✓ (low)	Captive bred (not for retail)	commercial	Least Concern	Unknown	2011	27.17	Lower risk
Actinopteri	Tetraodontiformes	Diodontidae	<i>Diodon</i>	<i>Diodon hystrix</i>	Spot-fin porcupinefish	105	Venezuela; Viet Nam; Virgin Is. (UK); Virgin Is. (US); Wallis Futuna	✓	✓ (low)	None	commercial	Least Concern	Unknown	2011	48.2	Moderate risk
Actinopteri	Tetraodontiformes	Diodontidae	<i>Diodon</i>	<i>Diodon lituratus</i>	Black-blotched porcupinefish	39	Aichi; South Africa; Tahiti; Taiwan; Tanzania; Timor-Leste; Tonga; Tuamotu Is.; Viet Nam; Wake I.; Yemen	✓	✓ (Very low)	No data	commercial	not assessed	not assessed	not assessed	29.57	Lower risk
Actinopteri	Tetraodontiformes	Diodontidae	<i>Diodon</i>	<i>Diodon nitchmenus</i>	Slender-spined porcupine fish	1	Australia	✓	✓ (Very low)	No data	rarely	not assessed	not assessed	not assessed	29.35	Lower risk
Actinopteri	Callionymiformes	Callionymidae	<i>Diplagrammus</i>	<i>Diplagrammus pauciradatus</i>	Spotted dragonet	15	Puerto Rico; Trinidad Tobago; USA; Venezuela	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2012	10	-
Actinopteri	Callionymiformes	Callionymidae	<i>Diplagrammus</i>	<i>Diplagrammus venicosus</i>	Japanese fold dragonet	5	Australia; Indonesia; Japan; Ryukyu Is.; Taiwan	✓	✓ (Very low)	No data	rarely	Least Concern	Unknown	2022	14.62	Lower risk
Actinopteri	Perciformes/Serranoidi	Serranidae	<i>Diplogoni</i>	<i>Diplogoni bifasciatum</i>	Barred soapfish	23	American Samoa; Andaman Is.; Australia; Bahrain; Bangladesh; Brunei Darussalam; Cambodia; China; Comoros; Djibouti; Egypt; Eritrea; French Polynesia; Guam; Hong Kong; India; Indonesia; Japan; Korea (South); Lord Howe I.; Malaysia; Maldives; Marshall Is.; Mauritius; Mayotte; Micronesia; New Caledonia; North Mariana; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; R�union; Samoa; Seychelles; Socotra Arch.; Solomon Is.; Somalia; South Africa; Sri Lanka; St Helena; St Lucia; St Paul's Rocks; St Vincent Gren.; Suriname; Taiwan; Tanzania; Timor-Leste; Tonga; Trinidad Tobago; Turks Caicos Is.; USA; Vanuatu	✓	✓ (Very low)	None	commercial	Least Concern	Unknown	2015	28.95	Lower risk
Actinopteri	Perciformes/Serranoidi	Serranidae	<i>Diplogoni</i>	<i>Diplogoni drach</i>	Yellowfin soapfish	3	Egypt; Saudi Arabia; Somalia	✓	✓ (Very low)	None	rarely	Least Concern	Unknown	2017	19.81	Lower risk

Non-CITES-listed marine ornamental fish species (n=210), their native range States, extinction risk, vulnerability to harvest pressures and whether there was evidence of them in international trade. Taxonomy follows that used by Fishbase. Information on the data sources are provided in the

Taxonomy						Range States	Evidence of species in International trade	Species Imported in EU and/or UK (%) Imports	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Red List year of assessment	Extinction risk/vulnerability	Likelihood of threat from international trade		
Class	Order	Family	Genus	Species	Common Name	No of native range States	List of native range States							Vulnerability (Fishbase)			
Actinopteri	Esperacaria	Labridae	Diprotocanthus	Diprotocanthus xanthurus	Yellowtail filefish	11	Vanuatu, Viet Nam	✓	✓ (low)	None	commercial	Least Concern	Unknown	2009	17.67 Lower risk		
Actinopteri	Ovalentaria	Pomacentridae	Diclistostodus fasciatus	Banded damselfish	7	Australia, Indonesia, Malaysia, New Caledonia, Philippines, Timor-Leste, Viet Nam	✓	✓ (low)	No data	commercial	Least Concern	not assessed	not assessed	2009	26.92 Lower risk		
Actinopteri	Ovalentaria	Pomacentridae	Diclistostodus melanotus	Black-vent damselfish	16	Ryukyu Is., Solomon Is., Taiwan, Timor-Leste, Vanuatu, Viet Nam	✓		No data	Unspecified	Least Concern	Unknown	2022	27.47 Lower risk			
Actinopteri	Ovalentaria	Pomacentridae	Diclistostodus perspicillatus	White damselfish	18	Andaman Is., Australia, China, India, Indonesia, Malaysia, Micronesia, North Mariana, Palau, Papua New Guinea, Philippines, Singapore, Solomon Is., Taiwan, Thailand, Timor-Leste, Vanuatu, Viet Nam	✓	✓ (very low)	No data	Unspecified	Least Concern	Unknown	2022	29.01 Lower risk			
Actinopteri	Ovalentaria	Pomacentridae	Diclistostodus prognostomus	Honey-head damselfish	18	Philippines, Ryukyu Is., Tahiti, Taiwan, Tonga, Tuamotu Is., Viet Nam	✓		No data	Unspecified	Least Concern	Unknown	2022	29.93 Lower risk			
Actinopteri	Ovalentaria	Pomacentridae	Diclistostodus pseudohypostictus	Monarch damselfish	7	Australia, Indonesia, Malaysia, New Caledonia, Papua New Guinea, Philippines, Solomon Is.	✓	✓ (very low)	No data	Unspecified	Least Concern	Unknown	2022	29.01 Lower risk			
Actinopteri	Gobiiformes	Gobiidae	Discordigmina	Discordigmina gressingieri	Skefelin gobi	1	Australia, Chagos Is., Cocos Is. (Keel), French Polynesia, Hawaii, Indonesia, Japan, Malaysia, Marquesas Is., Papua New Guinea, Philippines, Ryukyu Is., Tahiti, Taiwan, Tonga, Tuamotu Is., Viet Nam	✓	✓ (low)	None	commercial	Least Concern	Unknown	2015	10 Lower risk		
Actinopteri	Esperacaria	Labridae	Doratonotus	Doratonotus mskalgalis	Dwarf wrasse	26	Anguilla, Antigua Barbuda, Bahamas, Barbados, Belize, Bermuda, Brazil, Cape Verde, Cuba, Dominica, Grenada, Guadeloupe, Jamaica, Martinique, Mexico, Montserrat, Puerto Rico, Sao Tome Prnc., St Kitts Nevis, St Lucia, St Vincent Gren., Trinidad Tobago, USA, Venezuela, Virgin Is. (UK), Virgin Is. (US)	✓		No data	commercial	Least Concern	Unknown	2009	16.13 Lower risk		
Actinopteri	Synbranchiiformes	Synbranchiidae	Dorythamphus	Dorythamphus excisus	Bluestripe pipefish	56	American Samoa, Andaman Is., Australia, Bahrain, Cargados Carajos, Chagos Is., China, Christmas I., Cocos Is. (Keel), Colombia, Comoros, Cook Is., Costa Rica, Ecuador, Fiji, French Polynesia, Galapagos Is., Guam, Hawaii, India, Indonesia, Japan, Johnston I., Kenya, Kuwait, Maldives, Marquesas Is., Marshall Is., Mauritius, Mexico, Micronesia, Mozambique, New Caledonia, North Mariana, Ogasawara Is., Oman, Palau, Panama, Papua New Guinea, Philippines, Qatar, RÅunion; Ryukyu Is.; Samoa, Saudi Arabia, Seychelles, Solomon Is.; South Africa; Taiwan, Tanzania; Thailand; Tonga; Tuamotu Is.; United Arab Em.; Viet Nam; Wake I.	✓	✓ (low)	Moderate	commercial	Least Concern	Unknown	2015	10 Lower risk		
Actinopteri	Synbranchiiformes	Synbranchiidae	Dorythamphus	Dorythamphus janssi	Janss' pipefish	12	Solomon Is., Thailand, Viet Nam	✓	✓ (low)	Captive bred (not for retail)	Unspecified	Least Concern	Unknown	2016	11.53 Lower risk		
Actinopteri	Synbranchiiformes	Synbranchiidae	Dorythamphus	Dorythamphus japonicus	Horsesh pipefish	7	Indonesia, Japan, Korea (South), Ogasawara Is., Papua New Guinea, Philippines, Taiwan	✓		No data	rarely	Least Concern	Unknown	2016	10 Lower risk		
Actinopteri	Acanthuriformes	Drepaneidae	Drepane	Drepane longimana	Concertina fish	25	Andaman Is., Australia, China, Djibouti, Hong Kong, India, Indonesia, Iran, Iraq, Japan, Kenya, Kuwait, Malaysia; Mozambique; Oman; Papua New Guinea, Philippines; Ryukyu Is.; Somalia; South Africa, Taiwan, Tanzania; Thailand; Vanuatu; Viet Nam	✓		No data	commercial	not assessed	not assessed	not assessed	42.39 -		
Actinopteri	Acanthuriformes	Drepaneidae	Drepane	Drepane punctata	Spotted sicklefish	42	Andaman Is., Australia, China, Djibouti, Hong Kong, India, Indonesia, Iran, Iraq, Japan, Kuwait, Malaysia; Marshall Is.; Myanmar; Nepal; New Caledonia; North Mariana; Oman; Pakistan; Palau; Papua New Guinea; Philippines; Qatar; Ryukyu Is.; Saudi Arabia; Singapore; Solomon Is.; Sri Lanka; Taiwan; Thailand; Timor-Leste; Tokau; United Arab Em.; US Minor Is.; Viet Nam; Wallis	✓		No data	commercial	not assessed	not assessed	not assessed	42.27 -		
Actinopteri	Synbranchiiformes	Synbranchiidae	Dunckerampus	Dunckerampus baldwini	Redstripe pipefish	2	Hawaii, Indonesia	✓	✓ (very low)	Captive bred (not for retail)	rarely	Least Concern	Unknown	2016	13.37 Lower risk		
Actinopteri	Synbranchiiformes	Synbranchiidae	Dunckerampus	Dunckerampus decylphorus	Ringed pipefish	3	American Samoa, Andaman Is., Australia, China, Egypt, French Polynesia, Guam, Indonesia, Japan, Marshall Is.; Micronesia; New Caledonia; North Mariana; Palau; Papua New Guinea, Philippines; Ryukyu Is.; Samoa; Seychelles; South Africa; Taiwan; Tonga; Viet Nam	✓	✓ (low)	Moderate	commercial	Data Deficient	Decreasing	2016	14.62 Higher risk		
Actinopteri	Synbranchiiformes	Synbranchiidae	Dunckerampus	Dunckerampus multianulatus	Many-banded pipefish	11	Africa, Yemen	✓	✓ (very low)	No data	rarely	Least Concern	Decreasing	2016	14.02 Lower risk		
Actinopteri	Synbranchiiformes	Synbranchiidae	Dunckerampus	Dunckerampus pessulifusus	Yellow-banded pipefish	4	Australia, Indonesia, Philippines, Wallis Futuna	✓	✓ (low)	Captive bred (not for retail)	Unspecified	Least Concern	Unknown	2015	12.47 Lower risk		
Actinopteri	Carangiformes	Echeneidae	Echeneis	Echeneis naucrates	Live sharksucker	127	USA, Venezuela, Viet Nam, Virgin Is. (UK), Virgin Is. (US), Yemen	✓	✓ (very low)	Rare	commercial	Least Concern	Stable	2012	54.09 Lower risk		
Actinopteri	Anquilliformes	Muraenidae	Echidna	Echidna catenata	Chain moray	1	Anguilla, Antigua Barbuda, Aruba, Ascension I., Bahamas, Barbados, Belize, Bermuda, Brazil, Ceylan Is.; Colombia; Cuba; Curaçao; I.; Dominica; Dominican Rpt; French Guiana; Grenada; Guadeloupe; Guyana; Haiti; Jamaica; Martinique; Montserrat; Panama; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Suriname; Syria; Taiwan; Trinidad; Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK), Virgin Is. (US)	✓	✓ (very low)	No data	commercial	Least Concern	Unknown	2011	82 Moderate risk		
Actinopteri	Anquilliformes	Muraenidae	Echidna	Echidna nebulosa	Starry moray	61	Africa; Sri Lanka; Tahiti; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; United Arab Em.; Vanuatu; Viet Nam; NA	✓	✓ (low)	Rare	commercial	Least Concern	Unknown	2011	60.82 Moderate risk		
Actinopteri	Anquilliformes	Muraenidae	Echidna	Echidna polyzona	Barred moray	43	Viet Nam; Yemen	✓	✓ (very low)	None	commercial	Least Concern	Unknown	2011	54.34 Moderate risk		
Actinopteri	Anquilliformes	Muraenidae	Echidna	Echidna unicolor	Unicolor moray	21	Tuamotu Is.; Viet Nam	✓	✓ (low)	No data	Unspecified	Least Concern	Unknown	2011	35.96 -		
Actinopteri	Bleniiformes	Bleniidae	Ecsenius	Ecsenius aequatus	Fourline blenny	2	Australia, Papua New Guinea, Samoa, Sri Lanka, Taiwan	✓		No data	commercial	Least Concern	Stable	not assessed	not assessed	2009	10 Lower risk
Actinopteri	Bleniiformes	Bleniidae	Ecsenius	Ecsenius alileri	Allen's combtooth blenny	1	Australia	✓	✓ (low)	No data	rarely	Least Concern	Stable	2009	10 Lower risk		
Actinopteri	Bleniiformes	Bleniidae	Ecsenius	Ecsenius bandanus	Band combtooth	3	Indonesia, Micronesia, Palau	✓		No data	commercial	Least Concern	Stable	2009	10 -		
Actinopteri	Bleniiformes	Bleniidae	Ecsenius	Ecsenius bathi	Bath's comb-tooth	2	Indonesia, Malaysia	✓		No data	commercial	Least Concern	Stable	2009	10 -		
Actinopteri	Bleniiformes	Bleniidae	Ecsenius	Ecsenius fowlersi	Blackstriped combtooth blenny	4	Andaman Is.; Australia; Christmas I.; Cocos Is. (Keel); Fiji; Guam; Indonesia; Japan; Kiribati; Maldives; Marshall Is.; Micronesia; Myanmar; New Caledonia; North Mariana; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa;	✓	✓ (moderate)	Captive bred (not for retail)	commercial	Least Concern	Decreasing	2009	21.46 Lower risk		
Actinopteri	Bleniiformes	Bleniidae	Ecsenius	Ecsenius bimaculatus	Bicolor blenny	27	Sri Lanka, Taiwan, Thailand, Timor-Leste, Tonga, Vanuatu, Viet Nam	✓	✓ (low)	None	commercial	Least Concern	Decreasing	2009	10 Lower risk		
Actinopteri	Bleniiformes	Bleniidae	Ecsenius	Ecsenius colletti	Colletti's coralblenny	1	Papua New Guinea	✓		No data	rarely	Least Concern	Stable	2009	10 -		
Actinopteri	Bleniiformes	Bleniidae	Ecsenius	Ecsenius dentus	Sharp nose blenny	3	Egypt, Israel, Saudi Arabia	✓		No data	commercial	Least Concern	Stable	2009	11.93 -		
Actinopteri	Bleniiformes	Bleniidae	Ecsenius	Ecsenius diemana	Twocoat coralblenny	1	Philippines	✓		No data	commercial	Least Concern	Unknown	2009	10 -		
Actinopteri	Bleniiformes	Bleniidae	Ecsenius	Ecsenius fourmannoni	Blackstriped combtooth blenny	4	Australia; Fiji; New Caledonia; Tonga	✓		No data	rarely	Least Concern	Stable	2009	11.53 -		
Actinopteri	Bleniiformes	Bleniidae	Ecsenius	Ecsenius frontalis	Smooth-fin blenny	10	Djibouti; Egypt; Eritrea; Israel; Jordan; Saudi Arabia; Socotra Arch.; Sudan; Taiwan; Yemen	✓		No data	commercial	Least Concern	Stable	2009	18.01 Lower risk		
Actinopteri	Bleniiformes	Bleniidae	Ecsenius	Ecsenius gravior	Red Sea mimic blenny	5	Egypt; Eritrea; Jordan; Saudi Arabia; Sudan	✓		Captive bred (not for retail)	commercial	Least Concern	Stable	2009	18.01 Lower risk		
Actinopteri	Bleniiformes	Bleniidae	Ecsenius	Ecsenius laevis	Blind cave blenny	2	New Caledonia; Vanuatu	✓		No data	rarely	Least Concern	Stable	2009	10 -		
Actinopteri	Bleniiformes	Bleniidae	Ecsenius	Ecsenius kurti	Kurt's coralblenny	1	Philippines	✓		No data	Unspecified	Vulnerable	Unknown	2009	10 -		
Actinopteri	Bleniiformes	Bleniidae	Ecsenius	Ecsenius lineatus	Linear blenny	17	Philippines; RÅunion; Ryukyu Is.; Sri Lanka; Taiwan; Viet Nam; Yemen	✓	✓ (low)	None	rarely	Least Concern	Stable	2009	16.58 Lower risk		
Actinopteri	Bleniiformes	Bleniidae	Ecsenius	Ecsenius fivoidalis	Blackspot coralblenny	6	Australia; Indonesia; Malaysia; Papua New Guinea; Philippines; Solomon Is.	✓	✓ (low)	None	commercial	Least Concern	Stable	2009	10 Lower risk		
Actinopteri	Bleniiformes	Bleniidae	Ecsenius	Ecsenius lubbocki	Lubbock's coralblenny	4	Andaman Is.; Indonesia; Myanmar; Thailand	✓		No data	rarely	Least Concern	Stable	2009	10 -		
Actinopteri	Bleniiformes	Bleniidae	Ecsenius	Ecsenius manduburuti	Queensland combtooth blenny	1	Australia	✓		No data	rarely	Least Concern	Stable	2009	14.21 Lower risk		
Actinopteri	Bleniiformes	Bleniidae	Ecsenius	Ecsenius melarchus	Yellow-eyed combtooth	3	Indonesia; Malaysia; Philippines	✓		No data	commercial	Least Concern	Stable	2009	12.01 Lower risk		
Actinopteri	Bleniiformes	Bleniidae	Ecsenius	Ecsenius mirdus	Persian blenny	32	Andaman Is.; Australia; Chagos Is.; Christmas I.; Cocos Is. (Keel); Comoros; Egypt; Fiji; French Polynesia; Guam; India; Indonesia; Japan; Jordan; Kiribati; Maldives; Marquesas Is.; Mauritius; Mozambique; New Caledonia; Palau; Papua New Guinea; Philippines; RÅunion; Seychelles; Solomon Is.; South Africa; Sudan; Tanzania; Taiwan; Thailand; Tonga; Vanuatu	✓	✓ (moderate)	None	commercial	Least Concern	Stable	2009	22.67 Lower risk		
Actinopteri	Bleniiformes	Bleniidae	Ecsenius	Ecsenius nana	Dwarf blenny	1	Maldives	✓		No data	commercial	Least Concern	Stable	2009	10 -		
Actinopteri	Bleniiformes	Bleniidae	Ecsenius	Ecsenius monoculus	Monocle coralblenny	2	Indonesia; Philippines	✓		No data	Unspecified	Least Concern	Stable	2009	10 -		
Actinopteri	Bleniiformes	Bleniidae	Ecsenius	Ecsenius naldio	Naldio	2	Cargados Carajos; Chagos Is.; Comoros; Eritrea; Jordan; Maldives; Mauritius; Mozambique; Oman; Seychelles;	✓		No data	rarely	Least Concern	Stable	2009	13.47 Lower risk		
Actinopteri	Bleniiformes	Bleniidae	Ecsenius	Ecsenius namyei	Black comb-tooth	7	Australia; Indonesia; Japan; Papua New Guinea; Philippines; Solomon Is.; Taiwan	✓	✓ (very low)	Rare	commercial	Least Concern	Stable	2009	21.46 Lower risk		
Actinopteri	Bleniiformes	Bleniidae	Ecsenius	Ecsenius naze	Naze	1	Ruue	✓		No data	rarely	Least Concern	Stable	2009	10 -		
Actinopteri	Bleniiformes	Bleniidae	Ecsenius	Ecsenius ovalatus	Oval coralblenny	2	Australia; Christmas I.	✓		No data	rarely	Least Concern	Stable	2009	11.09 Lower risk		
Actinopteri	Bleniiformes	Bleniidae	Ecsenius	Ecsenius ocellus	Ocular blenny	6	Fiji; Indonesia; Japan; Philippines; Ryukyu Is.; Taiwan	✓		No data	commercial	Least Concern	Stable	2009	13.37 Lower risk		
Actinopteri	Bleniiformes	Bleniidae	Ecsenius	Ecsenius ops	Eye-spot blenny	1	Indonesia	✓		No data	rarely	Least Concern	Stable	2009	11.03 -		

Non-CITES-listed marine ornamental fish species (n=210), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Class	Order	Taxonomy				No of native range States	List of native range States	Evidence of species in international trade	Species imported in EU and/or UK (%) Imports	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Extinction risk/vulnerability			
		Family	Genus	Species	Common Name									Vulnerability (FishBase)	Likelihood of threat from international trade		
Actinopteri	Blenniiformes	Blenniidae	<i>Ecaneus</i>	<i>Ecaneus opusfontalis</i>	Combed blenny	11	Fiji; Guam; Kiribati; Marshall Is.; Micronesia; North Mariana; Palau; Philippines; Samoa; US Minor Is.; Wallis Futuna	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2009	10	Lower risk	
Actinopteri	Blenniiformes	Blenniidae	<i>Ecaneus</i>	<i>Ecaneus parvus</i>	Spotback coralblenny	4	Indonesia; Malaysia; Myanmar; Thailand			No data	rarely	Least Concern	Stable	2009	11	53	
Actinopteri	Blenniiformes	Blenniidae	<i>Ecaneus</i>	<i>Ecaneus parvulus</i>	Spotback coralblenny	4	Indonesia; Malaysia; Myanmar; Thailand			No data	rarely	Least Concern	Stable	2009	10	-	
Actinopteri	Blenniiformes	Blenniidae	<i>Ecaneus</i>	<i>Ecaneus pictus</i>	White-lined comb-tooth	5	Indonesia; Papua New Guinea; Philippines; Solomon Is.; Timor-Leste	✓	✓ (low)	None	commercial	Least Concern	Stable	2009	10	Lower risk	
Actinopteri	Blenniiformes	Blenniidae	<i>Ecaneus</i>	<i>Ecaneus procellus</i>	Striped coralblenny	3	Admiralty Is.; Papua New Guinea; Solomon Is.			No data	rarely	Least Concern	Stable	2009	10	-	
Actinopteri	Blenniiformes	Blenniidae	<i>Ecaneus</i>	<i>Ecaneus pichoi</i>	Gulf blenny	10	Indonesia; India; Kuwait; Oman; Pakistan; Qatar; Saudi Arabia; Socotra Arch.; United Arab Em.; Yemen	✓	✓ (low)	No data	rarely	Least Concern	Stable	2009	21	46	
Actinopteri	Blenniiformes	Blenniidae	<i>Ecaneus</i>	<i>Ecaneus schroederi</i>	Schroeder's coralblenny	3	Australia; Indonesia; Malaysia	✓		No data	commercial	Least Concern	Stable	2009	13	37	
Actinopteri	Blenniiformes	Blenniidae	<i>Ecaneus</i>	<i>Ecaneus signatura</i>	Talipoti coralblenny	2	Indonesia; Philippines	✓	✓ (moderate)	None	commercial	Least Concern	Stable	2009	12	01	
Actinopteri	Blenniiformes	Blenniidae	<i>Ecaneus</i>	<i>Ecaneus tenuis</i>	White-lined coralblenny	1	Papua New Guinea	✓		No data	rarely	Least Concern	Stable	2009	10	-	
Actinopteri	Blenniiformes	Blenniidae	<i>Ecaneus</i>	<i>Ecaneus tigris</i>	Tiger combtooth blenny	1	Australia	✓		No data	commercial	Vulnerable	Unknown	2009	10	Higher risk	
Actinopteri	Blenniiformes	Blenniidae	<i>Ecaneus</i>	<i>Ecaneus tricolor</i>	Tricolor coralblenny	3	Indonesia; Malaysia; Philippines	✓		No data	rarely	Vulnerable	Unknown	2009	12	01	
Actinopteri	Blenniiformes	Blenniidae	<i>Ecaneus</i>	<i>Ecaneus trilineatus</i>	Three-lined blenny	5	Australia; Indonesia; Papua New Guinea; Solomon Is.; Timor-Leste			No data	commercial	Least Concern	Stable	2009	10	-	
Actinopteri	Blenniiformes	Blenniidae	<i>Ecaneus</i>	<i>Ecaneus yayamensis</i>	Yayama blenny	16	Is.; Solomon Is.; Sri Lanka; Taiwan; Timor-Leste; Vanuatu; Viet Nam	✓		No data	commercial	Least Concern	Stable	2009	12	01	
Actinopteri	Gobiiformes	Gobiidae	<i>Elacatinus</i>	<i>Elacatinus chancei</i>	Shortstripe goby	17	Anguilla; Antigua Barbuda; Bahamas; Barbados; Dominica; Grenada; Guadeloupe; Martinique; Montserrat; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Trinidad Tobago; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓		Captive bred (not for retail)	rarely	Least Concern	Unknown	2011	10	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	<i>Elacatinus</i>	<i>Elacatinus evlyniae</i>	Sharknose goby	26	St Vincent Gren.; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (low)	Moderate	commercial	Least Concern	Unknown	2011	10	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	<i>Elacatinus</i>	<i>Elacatinus genis</i>	Barber goby	1	Brazil	✓	✓ (low)	Common	commercial	Vulnerable	Unknown	2022	10	Higher risk	
Actinopteri	Gobiiformes	Gobiidae	<i>Elacatinus</i>	<i>Elacatinus genis</i>	Cleaner goby	6	Bahamas; Cuba; Puerto Rico; Trinidad Tobago; Virgin Is. (UK); Virgin Is. (US)	✓		Captive bred (not for retail)	commercial	Least Concern	Unknown	2011	10	-	
Actinopteri	Gobiiformes	Gobiidae	<i>Elacatinus</i>	<i>Elacatinus horsti</i>	Yellowline goby	14	USA; Venezuela	✓		Captive bred (not for retail)	commercial	Least Concern	Unknown	2011	10	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	<i>Elacatinus</i>	<i>Elacatinus illecebrosus</i>	Barsout goby	3	Colombia; Mexico; Panama	✓		No data	commercial	Least Concern	Unknown	2011	10	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	<i>Elacatinus</i>	<i>Elacatinus isourae</i>	Spotlight goby	4	Bahamas; Cayman Is.; Cuba; Virgin Is. (UK)	✓		Captive bred (not for retail)	rarely	Least Concern	Unknown	2011	10	-	
Actinopteri	Gobiiformes	Gobiidae	<i>Elacatinus</i>	<i>Elacatinus oceanops</i>	Neon goby	4	Belize; Mexico; USA; Virgin Is. (US)	✓	✓ (low)	Common	commercial	Least Concern	Unknown	2010	10	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	<i>Elacatinus</i>	<i>Elacatinus poecilus</i>	Broadstripe goby	18	Anguilla; Antigua Barbuda; Aruba; Barbados; Belize; Cayman Is.; Curaçao I.; Guadeloupe; Jamaica; Martinique; Mexico; St Vincent Gren.; Trinidad Tobago; USA; Virgin Is. (UK); Virgin Is. (US)	✓		Captive bred (not for retail)	rarely	Vulnerable	Unknown	2010	10	Higher risk	
Actinopteri	Gobiiformes	Gobiidae	<i>Elacatinus</i>	<i>Elacatinus punctulatus</i>	Panamic redhead goby	10	Colombia; Costa Rica; Ecuador; El Salvador; Guatemala; Honduras; Mexico; Nicaragua; Panama; Peru	✓	✓ (low)	Common	rarely	Least Concern	Unknown	2007	10	Higher risk	
Actinopteri	Gobiiformes	Gobiidae	<i>Elacatinus</i>	<i>Elacatinus randalli</i>	Yellownose goby	19	Virgin Is. (US)			Captive bred (not for retail)	commercial	Least Concern	Unknown	2011	10	-	
Actinopteri	Gobiiformes	Gobiidae	<i>Elacatinus</i>	<i>Elacatinus seranilla</i>	Seranilla goby	1	Jamaica			No data	rarely	Least Concern	Unknown	2011	10	-	
Actinopteri	Gobiiformes	Gobiidae	<i>Elacatinus</i>	<i>Elacatinus xanthipora</i>	Yellowgob goby	7	Aruba; Curaçao I.; Jamaica; Mexico; St Vincent Gren.; USA			Captive bred (not for retail)	commercial	Least Concern	Unknown	2010	10	-	
Actinopteri	Gobiiformes	Eleotridae	<i>Eleotris</i>	<i>Eleotris melanosoma</i>	Broadhead sleeper	25	American Samoa; Australia; China; Fiji; Hong Kong; India; Indonesia; Japan; Malaysia; Maldives; Micronesia; Mozambique; New Caledonia; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; South Africa; Taiwan; Tanzania; Timor-Leste; Tonga; Vanuatu; Viet Nam			No data	Unspecified	Least Concern	Unknown	2018	38	63	
Actinopteri	Mugiliformes	Mugilidae	<i>Eliochelon</i>	<i>Eliochelon vaigensis</i>	Squartail mullet	44	Vanuatu; Viet Nam; Wallis Futuna			No data	commercial	Least Concern	Unknown	2016	54	09	
Actinopteri	Blenniiformes	Chenopodidae	<i>Emblemaria</i>	<i>Emblemaria pandionis</i>	Sailfin blenny	29	Lucia; St Vincent Gren.; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (low)	None	commercial	Least Concern	Stable	2007	10	Lower risk	
Actinopteri	Blenniiformes	Chenopodidae	<i>Emblemaria</i>	<i>Emblemaria pirata</i>	Private blenny	5	Belize; Mexico; Puerto Rico; USA; Virgin Is. (US)	✓		No data	commercial	Least Concern	Unknown	2007	10	-	
Actinopteri	Anagalliformes	Muraenidae	<i>Enchelycore</i>	<i>Enchelycore pardalis</i>	Leopard moray eel	23	RÅlunon; Samoa; Socotra Arch.; Taiwan; Yemen	✓	✓ (Very low)	None	commercial	Least Concern	Unknown	2011	58	29	
Actinopteri	Blenniiformes	Tripterygiidae	<i>Eneanectes</i>	<i>Eneanectes alpinus</i>	Luffy tripteryn	7	Bahamas; Brazil; Cayman Is.; Cuba; Trinidad; USA; Trinidad Tobago; USA	✓		No data	commercial	Least Concern	Unknown	2010	10	-	
Actinopteri	Blenniiformes	Tripterygiidae	<i>Eneanectes</i>	<i>Eneanectes boehlkei</i>	Roughhead tripteryn	14	Tobago; USA; Venezuela; Virgin Is. (US)			No data	commercial	Least Concern	Unknown	2010	10	-	
Actinopteri	Blenniiformes	Tripterygiidae	<i>Eneanectes</i>	<i>Eneanectes jordani</i>	Redbelly tripteryn	12	Is. (US)			No data	commercial	Least Concern	Unknown	2010	10	-	
Actinopteri	Centrarchiformes	Engoplosidae	<i>Engoplosus</i>	<i>Engoplosus amatus</i>	Old wife	1	Australia	✓	✓ (Very low)	None	commercial	Least Concern	Unknown	2019	40	85	
Actinopteri	Blenniiformes	Blenniidae	<i>Entomacrodus</i>	<i>Entomacrodus decussatus</i>	Way-fined blenny	19	Caledonia; North Mariana; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Taiwan; Thailand; Tonga			No data	commercial	Least Concern	Stable	2009	28	88	
Actinopteri	Blenniiformes	Blenniidae	<i>Entomacrodus</i>	<i>Entomacrodus marmoratus</i>	Rocklipper	1	Hawaii			No data	commercial	Least Concern	Stable	2009	30	68	
Actinopteri	Blenniiformes	Blenniidae	<i>Entomacrodus</i>	<i>Entomacrodus nigricans</i>	Pearl blenny	31	Virgin Is. (US)			No data	commercial	Least Concern	Stable	2007	19	5	
Actinopteri	Blenniiformes	Blenniidae	<i>Entomacrodus</i>	<i>Entomacrodus striatus</i>	Reef margin blenny	37	Ryukyu Is.; Samoa; Seychelles; South Africa; Taiwan; Thailand; Timor-Leste; Tonga; Wake I.			No data	commercial	Least Concern	Stable	2009	21	46	
Actinopteri	Esperacaria	Labridae	<i>Epibulus</i>	<i>Epibulus tinavo</i>	Latent slingjaw wrasse	5	Indonesia; Palau; Papua New Guinea; Philippines; Timor-Leste			No data	rarely	Least Concern	Unknown	2008	33	06	
Actinopteri	Esperacaria	Labridae	<i>Epibulus</i>	<i>Epibulus insidiator</i>	Slingjaw wrasse	47	Tonga; Tuamotu Is.; Vanuatu; Viet Nam; Wake I.	✓	✓ (Very low)	None	commercial	Least Concern	Unknown	2008	59	74	
Actinopteri	Perciformes/Serranoidae	Serranidae	<i>Epinephelus</i>	<i>Epinephelus adonersonis</i>	Rock hind	46	Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)			No data	rarely	Least Concern	Stable	2017	34	18	
Actinopteri	Perciformes/Serranoidae	Serranidae	<i>Epinephelus</i>	<i>Epinephelus coelestis</i>	Whitespotted grouper	44	Vanuatu; Viet Nam; Wake I.			✓ (Very low)	No data	rarely	Least Concern	Stable	2016	55	67
Actinopteri	Perciformes/Serranoidae	Serranidae	<i>Epinephelus</i>	<i>Epinephelus coioides</i>	Orange-spotted grouper	50	Thailand; Timor-Leste; United Arab Em.; Viet Nam; Yemen	✓		Rare	rarely	Least Concern	Decreasing	2016	57	51	
Actinopteri	Perciformes/Serranoidae	Serranidae	<i>Epinephelus</i>	<i>Epinephelus cyanopodus</i>	Speckled blue grouper	23	Tuvalu; Viet Nam			No data	public aquariums	Least Concern	Unknown	2016	69	99	
Actinopteri	Perciformes/Serranoidae	Serranidae	<i>Epinephelus</i>	<i>Epinephelus fasciatus</i>	Blacktip grouper	72	Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Vanuatu; Viet Nam; Wake I.; Wallis Futuna; Yemen	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2016	53	43	
Actinopteri	Perciformes/Serranoidae	Serranidae	<i>Epinephelus</i>	<i>Epinephelus flavocarinatus</i>	Blue-and-yellow grouper	24	Sri Lanka; Tanzania; Thailand; Yemen	✓	✓ (Very low)	None	commercial	Least Concern	Unknown	2016	58	18	

Non-CITES-listed marine ornamental fish species (n=2105), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Taxonomy						Range States		Evidence of species in international trade	Species imported in EU and/or UK (N imports)	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Red List year of assessment	Extinction risk/vulnerability	
Class	Order	Family	Genus	Species	Common Name	No of native range States	List of native range States								Vulnerability (FishBase)	Likelihood of threat from international trade
Actinopteri	Perciformes/Serranoidei	Serranidae	<i>Epinephelus</i>	<i>Epinephelus fasciatus</i>	Brown-marbled grouper	1	Andaman Is.; Australia; Bangladesh; Brunei Darussalam; Cambodia; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Comoros; Djibouti; Egypt; Eritrea; Fiji; Guam; Hong Kong; India; Indonesia; Israel; Japan; Jordan; Kiribati; Madagascar; Malaysia; Maldives; Marshall Is.; Mauritius; Mayotte; Micronesia; Mozambique; Myanmar; New Caledonia; North Mariana; Pakistan; Palau; Papua New Guinea; Philippines; R��union; Rodrigues; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Singapore; Socotra Arch.; Solomon Is.; Somalia; Sri Lanka; Sudan; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuamotu; Viet Nam; Wake I.; Yemen	✓	✓	Moderate	commercial	Vulnerable	Decreasing	2016	57.09	Higher risk
Actinopteri	Perciformes/Serranoidei	Serranidae	<i>Epinephelus</i>	<i>Epinephelus howlandi</i>	Blacksaddle grouper	22	Vanuatu; Wallis Futuna	✓	✓	No data	public aquariums	Least Concern	Unknown	2016	44.06	Lower risk
Actinopteri	Perciformes/Serranoidei	Serranidae	<i>Epinephelus</i>	<i>Epinephelus lanceolatus</i>	Giant grouper	58	American Samoa; Andaman Is.; Australia; China; Christmas I.; Cook Is.; Djibouti; Eritrea; Fiji; French Polynesia; Guam; Hawaii; Hong Kong; India; Indonesia; Japan; Johnston I.; Kenya; Kiribati; Madagascar; Malaysia; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Mayotte; Micronesia; Mozambique; New Caledonia; New Zealand; North Mariana; Ogasawara Is.; Oman; Pakistan; Palau; Papua New Guinea; Philippines; Pitcairn; R��union; Ryukyu Is.; Samoa; Seychelles; Singapore; Socotra Arch.; Somalia; South Africa; Sri Lanka; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Tuvalu; Vanuatu; Viet Nam; Wake I.; Yemen	✓	✓	Captive bred (not for retail)	commercial	Data Deficient	Decreasing	2016	85.41	Higher risk
Actinopteri	Perciformes/Serranoidei	Serranidae	<i>Epinephelus</i>	<i>Epinephelus maculatus</i>	Highfin grouper	32	Tuvalu; Viet Nam; Wallis Futuna	✓	✓	No data	public aquariums	Least Concern	Decreasing	2017	29.05	Lower risk
Actinopteri	Perciformes/Serranoidei	Serranidae	<i>Epinephelus</i>	<i>Epinephelus merri</i>	Honeycomb grouper	59	Timor-Leste; Tonga; Tuamotu Is.; Tuvalu; US Minor Is.; Vanuatu; Viet Nam; Wallis Futuna	✓	✓	No data	public aquariums	Least Concern	Stable	2017	28.85	Lower risk
Actinopteri	Perciformes/Serranoidei	Serranidae	<i>Epinephelus</i>	<i>Epinephelus morio</i>	Red grouper	40	USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓	No data	public aquariums	Vulnerable	Decreasing	2016	63.98	Higher risk
Actinopteri	Perciformes/Serranoidei	Serranidae	<i>Epinephelus</i>	<i>Epinephelus striatus</i>	Nassau grouper	40	USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓	No data	public aquariums	Critically Endangered	Decreasing	2016	63.42	Higher risk
Actinopteri	Eupercaria	Sciaenidae	<i>Eques</i>	<i>Eques lanceolatus</i>	Jack-knifefish	35	Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (low)	Moderate	commercial	not assessed	not assessed	not assessed	21.73	Lower risk
Actinopteri	Eupercaria	Sciaenidae	<i>Equetus</i>	<i>Equetus punctatus</i>	Mottled drum	35	Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (very low)	Captive bred (not for retail)	commercial	Least Concern	Unknown	2019	23.26	Lower risk
Actinopteri	Tetraodoniformes	Monacanthidae	<i>Eubalichthys</i>	<i>Eubalichthys mosaicus</i>	Mosaic leatherjacket	1	Australia	✓	✓	No data	commercial	Least Concern	Unknown	2017	52.38	Lower risk
Actinopteri	Dactylopterygiformes	Pegaxidae	<i>Euryopagus</i>	<i>Euryopagus draconis</i>	Short dragonfish	40	Andaman Is.; Australia; Cambodia; China; Egypt; French Polynesia; Guam; India; Indonesia; Israel; Japan; Jordan; Lord Howe I.; Madagascar; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Mayotte; Micronesia; Mozambique; New Caledonia; Palau; Papua New Guinea; Philippines; R��union; Saudi Arabia; Seychelles; Solomon Is.; Somalia; South Africa; Sudan; Tahiti; Taiwan; Tanzania; Thailand; Vanuatu; Viet Nam; Wake I.; Yemen	✓	✓ (very low)	None	rarely	Least Concern	Unknown	2016	10	Lower risk
Actinopteri	Dactylopterygiformes	Pegaxidae	<i>Euryopagus</i>	<i>Euryopagus papilio</i>	Hawaiian sea-mouth fish	1	Hawaii	✓	✓ (very low)	No data	rarely	Least Concern	Unknown	2016	10	Lower risk
Actinopteri	Gobiiformes	Gobiidae	<i>Eviota</i>	<i>Eviota albolineata</i>	White-line dwarfgoby	4	French Polynesia; Kiribati; Tahiti; Tuamotu Is.	✓	✓	No data	rarely	Least Concern	Unknown	2020	10	-
Actinopteri	Gobiiformes	Gobiidae	<i>Eviota</i>	<i>Eviota atrivirens</i>	Blackbelly dwarfgoby	12	Solomon Is.; Thailand; Timor-Leste	✓	✓	Captive bred (not for retail)	rarely	Least Concern	Unknown	2015	10	Lower risk
Actinopteri	Gobiiformes	Gobiidae	<i>Eviota</i>	<i>Eviota bifasciata</i>	Twostripe dwarfgoby	12	Australia; Indonesia; Japan; Malaysia; Marshall Is.; New Caledonia; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Solomon Is.; Vanuatu	✓	✓	Captive bred (not for retail)	commercial	Least Concern	Unknown	2015	10	Lower risk
Actinopteri	Gobiiformes	Gobiidae	<i>Eviota</i>	<i>Eviota fasciola</i>	Barred dwarfgoby	14	Papua New Guinea; Ryukyu Is.; Tonga	✓	✓	No data	commercial	Least Concern	Unknown	2015	10	Lower risk
Actinopteri	Gobiiformes	Gobiidae	<i>Eviota</i>	<i>Eviota infata</i>	Shouldermark dwarfgoby	17	Micronesia; Palau; Pitcairn; Ryukyu Is.; Seychelles; Tonga; Tuamotu Is.	✓	✓	No data	commercial	Least Concern	Unknown	2015	10	-
Actinopteri	Gobiiformes	Gobiidae	<i>Eviota</i>	<i>Eviota nigrovittata</i>	Redbelly dwarfgoby	1	Indonesia	✓	✓	No data	commercial	Data Deficient	Unknown	2018	10	Lower risk
Actinopteri	Gobiiformes	Gobiidae	<i>Eviota</i>	<i>Eviota pellucida</i>	Transparent dwarfgoby	6	Guam; Japan; Kiribati; Marshall Is.; Micronesia; Palau	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2015	10	Lower risk
Actinopteri	Gobiiformes	Gobiidae	<i>Eviota</i>	<i>Eviota storthynx</i>	Storthynx dwarfgoby	10	Australia; Hong Kong; Indonesia; Japan; Micronesia; Ogasawara Is.; Palau; Philippines; Ryukyu Is.; Viet Nam	✓	✓	No data	Unspecified	Least Concern	Unknown	2009	10	-
Actinopteri	Acropomatiformes	Pentaceroideae	<i>Eviotias</i>	<i>Eviotias acutirostris</i>	Striped fourfish	11	Australia; Hawaii; Japan; Kermadec Is.; Korea (South); Lord Howe I.; Midway Is.; New Caledonia; New Zealand; Norfolk I.; Ogasawara Is.	✓	✓	No data	commercial	not assessed	not assessed	not assessed	51.31	-
Actinopteri	Bleenniiformes	Bleenniidae	<i>Exallias</i>	<i>Exallias brevis</i>	Leopard blenny	40	American Samoa; Andaman Is.; Australia; Chagos Is.; Christmas I.; Cocos Is. (Keel); Cook Is.; Easter I.; Ecuador; Egypt; El Salvador; French Polynesia; Galapagos Is.; Guam; Guatemala; Hawaii; Honduras; Hong Kong; Indonesia; Iraq; Japan; Jordan; Kermadec Is.; Korea (South); Lord Howe I.; Madagascar; Malaysia; Maldives; Marshall Is.; Mauritius; Mayotte; Mexico; Micronesia; Mozambique; New Caledonia; New Zealand; Nicaragua; Niue; Norfolk I.; North Mariana; Ogasawara Is.; Oman; Palau; Panama; Papua New Guinea; Philippines; Pitcairn; R��union; Rodrigues; Samoa; Seychelles; Socotra Arch.; Somalia; South Africa; Sudan; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Vanuatu; Viet Nam; Yemen	✓	✓ (low)	None	commercial	Least Concern	Stable	2009	24.63	Lower risk
Actinopteri	Gobiiformes	Gobiidae	<i>Eyryias</i>	<i>Eyryias belissimus</i>	Mud reef goby	22	Tonga; Viet Nam	✓	✓	No data	commercial	Least Concern	Unknown	2015	29.45	-
Actinopteri	Gobiiformes	Gobiidae	<i>Eyryias</i>	<i>Eyryias puntang</i>	Puntang goby	22	Nam	✓	✓	No data	commercial	Least Concern	Stable	2020	25.42	-
Actinopteri	Gobiiformes	Gobiidae	<i>Favonigobius</i>	<i>Favonigobius retcheri</i>	Indo-Pacific tropical sand goby	21	Viet Nam	✓	✓	No data	rarely	Least Concern	Unknown	2016	15.01	Lower risk
Actinopteri	Syngnathiformes	Syngnathidae	<i>Festucalax</i>	<i>Festucalax erythraeus</i>		10	Hawaii; Indonesia; Iran; Japan; Maldives; Mozambique; New Caledonia; Philippines; Solomon Is.; Vanuatu	✓	✓	No data	commercial	Least Concern	Unknown	2016	10	-
Actinopteri	Kurtiliformes	Apogonidae	<i>Fibramia</i>	<i>Fibramia thermalis</i>	Half-barred cardinal	25	Lanka; Taiwan; Tanzania; Thailand; Vanuatu	✓	✓	No data	commercial	not assessed	not assessed	not assessed	10	-
Actinopteri	Syngnathiformes	Fistulariidae	<i>Fistularia</i>	<i>Fistularia commersonii</i>	Bluespotted cornetfish	65	American Samoa; Andaman Is.; Australia; Chagos Is.; Chile; China; Christmas I.; Comoros; Cook Is.; Costa Rica; Easter I.; Ecuador; Egypt; El Salvador; French Polynesia; Galapagos Is.; Guam; Guatemala; Hawaii; Honduras; Hong Kong; Indonesia; Iraq; Japan; Jordan; Kermadec Is.; Korea (South); Lord Howe I.; Madagascar; Malaysia; Maldives; Marshall Is.; Mauritius; Mayotte; Mexico; Micronesia; Mozambique; New Caledonia; New Zealand; Nicaragua; Niue; Norfolk I.; North Mariana; Ogasawara Is.; Oman; Palau; Panama; Papua New Guinea; Philippines; Pitcairn; R��union; Rodrigues; Samoa; Seychelles; Socotra Arch.; Somalia; South Africa; Sudan; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Vanuatu; Viet Nam; Yemen	✓	✓	No data	commercial	Least Concern	Unknown	2016	68.33	Lower risk
Actinopteri	Syngnathiformes	Fistulariidae	<i>Fistularia</i>	<i>Fistularia tabacaria</i>	Cornetfish	59	Suriname; Tonga; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓	No data	rarely	Least Concern	Unknown	2013	71	Lower risk
Actinopteri	Kurtiliformes	Apogonidae	<i>Foa</i>	<i>Foa brachygramma</i>	Weed cardinalfish	1	Hawaii	✓	✓	No data	commercial	Least Concern	Unknown	2022	10	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	<i>Forcipiger</i>	<i>Forcipiger flavissimus</i>	Longnose butterfly fish	53	American Samoa; Andaman Is.; Australia; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Cook Is.; Easter I.; Ecuador; Egypt; Fiji; French Polynesia; Galapagos Is.; Guam; Hawaii; Indonesia; Japan; Kenya; Kermadec Is.; Lord Howe I.; Madagascar; Maldives; Marshall Is.; Mauritius; Mexico; Micronesia; Mozambique; New Caledonia; New Zealand; Nicaragua; Niue; Norfolk I.; North Mariana; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Pitcairn; R��union; Norfolk; Ryukyu Is.; Samoa; Seychelles; Somalia; South Africa; Sri Lanka; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Vanuatu; Viet Nam; Yemen	✓	✓ (low)	Captive bred (not for retail)	commercial	Least Concern	Stable	2009	16.69	Lower risk

Non-CITES-listed marine ornamental fish species (n=2105), their native range States, extinction risk, vulnerability to harvest pressures and whether there was evidence of them in international trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Class	Taxonomy					No of native ranges States	Range States	Evidence of species in international trade	Species imported in EU and/or UK (% Imports)	Evidence of captive-breeding	Demand for aquaria	Red List category	Extinction risk/vulnerability			
	Order	Family	Genus	Species	Common Name		List of native range States						Red List population trend	Red List year of assessment	Vulnerability (FishBase)	Likelihood of threat from international trade
Actinopteri	Acanthuriformes	Chaetodontidae	Forcipiger	Forcipiger longirostris	Longnose butterflyfish	American Samoa; Andaman Is.; Australia; Bahrain; Christmas I.; Comoros; Cook Is.; Egypt; Fiji; French Polynesia; Guam; Hawaii; India; Indonesia; Japan; Korea; Marshall Is.; Mauritius; Micronesia; New Caledonia; Niue; North Mariana; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Pitcairn; R��union; Samoa; Seychelles; Socotra Arch.; Taiwan; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Viet Nam; Wake I.; Yemen	40	No data	commercial	Least Concern	Unknown	2009	16.69	Lower risk		
Actinopteri	Ruiformes	Apogonidae	Zwavelra	Zwavelra bimaculata	Orange-spotted sand-goby	4 Indonesia; Papua New Guinea; Philippines; Tonga	4	(low)	Captive bred (not for retail)	rarely	Least Concern	Unknown	2022	10	Lower risk	
Actinopteri	Loabiformes	Acanthuridae	Fowlerichthys	Fowlerichthys ocellatus	Ocellated frogfish	9 Bahamas; Canada; Colombia; Cuba; Honduras; Nicaragua; Puerto Rico; USA; Venezuela	9	No data	commercial	Least Concern	Unknown	2013	20	-		
Actinopteri	Espercari	Labridae	Frontilabrus	Frontilabrus caeruleus		1 Maldives	1	No data	public aquariums	Data Deficient	Unknown	2009	20.92	-		
Actinopteri	Gobiiformes	Gobiidae	Fusigobius	Fusigobius longipinnis		Australia; Cargados Carajos; Guam; Indonesia; Japan; Jordan; Kenya; Marshall Is.; Mauritius; Mozambique; North Mariana; Papua New Guinea; R��union; Ryukyu Is.; Seychelles; South Africa; Taiwan; Tanzania	18	No data	commercial	Least Concern	Unknown	2018	14.62	Lower risk		
Actinopteri	Gobiiformes	Gobiidae	Fusigobius	Fusigobius neophytus	Common fusogoby	Andaman Is.; Australia; Chagos Is.; Cocos Is. (Keel); Fiji; French Polynesia; Guam; Hawaii; India; Indonesia; Israel; Japan; Jordan; Lord Howe I.; Madagascar; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; North Mariana; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; R��union; Ryukyu Is.; Samoa; Seychelles; South Africa; Tahiti; Taiwan; Timor-Leste; Tonga; Tuamotu Is.; Viet Nam	29	No data	commercial	Least Concern	Stable	2015	13.79	Lower risk		
Actinopteri	Gobiiformes	Gobiidae	Fusigobius	Fusigobius pallidus	Pale sandgoby	8 Indonesia; Maldives; Marshall Is.; New Caledonia; Palau; Philippines; Tanzania; Thailand	8	(low)	Common	rarely	Least Concern	Unknown	2015	14.21	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Fusigobius	Fusigobius signipinnis	Signalfin goby	Australia; Brunei Darussalam; Guam; Indonesia; Japan; Malaysia; Micronesia; New Caledonia; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Solomon Is.; Taiwan; Timor-Leste; Tonga	16	No data	commercial	Least Concern	Unknown	2020	11.03	Lower risk		
Actinopteri	Acanthuriformes	Pomacanthidae	Genicanthus	Genicanthus bellus	Ornate angelfish	Cocos Is. (Keel); Cook Is.; French Polynesia; Guam; Indonesia; Marshall Is.; North Mariana; Palau; Philippines; Viet Nam	12	(low)	Captive bred (not for retail)	commercial	Least Concern	Stable	2009	33.2	Moderate risk	
Actinopteri	Acanthuriformes	Pomacanthidae	Genicanthus	Genicanthus caudovittatus	Zebra angelfish	Comoros; Egypt; Indonesia; Israel; Jordan; Kenya; Madagascar; Maldives; Mauritius; Mozambique; R��union; Saudi Arabia; South Africa	13	No data	commercial	Least Concern	Stable	2009	34.27	Moderate risk		
Actinopteri	Acanthuriformes	Pomacanthidae	Genicanthus	Genicanthus jamaicensis	Blackstriped angelfish	Andaman Is.; Australia; Cambodia; China; Guam; Indonesia; Japan; Malaysia; Papua New Guinea; Philippines; Ryukyu Is.; Solomon Is.; Taiwan; Thailand; Timor-Leste; Vanuatu; Viet Nam	17	(low)	Rare	commercial	Least Concern	Stable	2009	36.65	Moderate risk	
Actinopteri	Acanthuriformes	Pomacanthidae	Genicanthus	Genicanthus melanospilus	Spotbreasted angelfish	Australia; China; Fiji; Guam; Indonesia; Japan; Malaysia; Micronesia; New Caledonia; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Solomon Is.; Taiwan; Timor-Leste; Tonga; Vanuatu	19	(low)	Rare	commercial	Least Concern	Stable	2009	33.2	Moderate risk	
Actinopteri	Acanthuriformes	Pomacanthidae	Genicanthus	Genicanthus personatus	Masked angelfish	2 Hawaii; Midway Is.	2	Rare	commercial	Least Concern	Stable	2009	34.81	Moderate risk		
Actinopteri	Acanthuriformes	Pomacanthidae	Genicanthus	Genicanthus seminoleus	Halfbanded angelfish	1 Lord Howe I.	1	Rare	commercial	Least Concern	Stable	2009	35.02	Moderate risk		
Actinopteri	Acanthuriformes	Pomacanthidae	Genicanthus	Genicanthus semifasciatus	Japanese swallowfish	5 Japan; Ogasawara Is.; Philippines; Ryukyu Is.; Taiwan	5	(very low)	None	commercial	Least Concern	Stable	2009	34.81	Moderate risk	
Actinopteri	Acanthuriformes	Pomacanthidae	Genicanthus	Genicanthus spinus	Pitcairn angelfish	2 Cook Is.; French Polynesia; Pitcairn	2	No data	Unspecified	Least Concern	Stable	2009	50.29	Moderate risk		
Actinopteri	Acanthuriformes	Pomacanthidae	Genicanthus	Genicanthus takahuchi	Spotted angelfish	2 Japan; Ogasawara Is.	2	No data	rarely	Least Concern	Stable	2009	46.15	-		
Actinopteri	Acanthuriformes	Pomacanthidae	Genicanthus	Genicanthus watanabei	Blackdipped angelfish	Australia; Cook Is.; French Polynesia; Guam; Japan; Marshall Is.; New Caledonia; North Mariana; Ogasawara Is.; Palau; Philippines; Pitcairn; Ryukyu Is.; Tahiti; Taiwan; Tonga; Tuamotu Is.	17	(low)	None	commercial	Least Concern	Stable	2009	31.21	Moderate risk	
Actinopteri	Blenniiformes	Dactyloscopidae	Girellus	Girellus greyae	Arrow stargazer	Anguilla; Antigua Barbuda; Anuba; Bahamas; Barbados; Belize; Brazil; Cayman Is.; Cuba; Cura��ao I.; Dominica; Dominican Rp.; Grenada; Guadeloupe; Haiti; Jamaica; Martinique; Mexico; Montserrat; Panama; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	30	No data	commercial	Least Concern	Stable	2007	10	-		
Elasmobranchii	Orectolobiformes	Ginglymostomatidae	Ginglymostoma	Ginglymostoma cirratum	Nurse shark	Anguilla; Antigua Barbuda; Anuba; Bahamas; Barbados; Belize; Benin; Bermuda; Brazil; Cameroon; Canary Is.; Cape Verde; Cayman Is.; Colombia; Costa Rica; Cote d'Ivoire; Cuba; Dominica; Dominican Rp.; El Salvador; France; French Guiana; Gabon; Grenada; Guadeloupe; Guatemala; Guinea; Guinea-Bissau; Guyana; Haiti; Honduras; Jamaica; Liberia; Martinique; Mauritania; Mexico; Montserrat; Neeth Antilles; Nicaragua; Nigeria; Panama; Puerto Rico; Sao Tome Prnc.; Senegal; Sierra Leone; St Kitts Nevis; St Lucia; St Vincent Gren.; Suriname; Togo; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	60	(very low)	None	public aquariums	Vulnerable	Decreasing	2019	81.38	Higher risk	
Actinopteri	Gobiiformes	Gobiidae	Ginsburgellus	Ginsburgellus rosenblattus	Ninefin goby	Anguilla; Antigua Barbuda; Anuba; Bahamas; Barbados; Cayman Is.; Cuba; Cura��ao I.; Dominica; Dominican Rp.; Grenada; Guadeloupe; Haiti; Jamaica; Martinique; Montserrat; Neeth Antilles; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Trinidad Tobago; Turks Caicos Is.; Venezuela; Virgin Is. (UK); Virgin Is. (US)	7	No data	commercial	Least Concern	Unknown	2011	10	-		
Actinopteri	Centrarchiformes	Girellidae	Girella	Girella punctata		China; Hong Kong; Japan; Korea (South); Ogasawara Is.; Philippines; Taiwan	4	No data	rarely	not assessed	not assessed	not assessed	2011	10	-	
Actinopteri	Gobiiformes	Gobiidae	Glossogobius	Glossogobius giuris	Tank goby	Andaman Is.; Australia; Bangladesh; Cambodia; China; Guam; Hong Kong; India; Indonesia; Iran; Japan; Kenya; Laos; Madagascar; Malaysia; Marshall Is.; Mauritius; Micronesia; Mozambique; Myanmar; Nepal; New Caledonia; Pakistan; Palau; Papua New Guinea; Philippines; R��union; Seychelles; Somalia; South Africa; Sri Lanka; Taiwan; Tanzania; Thailand; Viet Nam	36	No data	commercial	Least Concern	Unknown	2019	26.38	-		
Actinopteri	Blenniiformes	Blenniidae	Glyptoparus	Glyptoparus delicatulus	Delicate blenny	Australia; Chagos Is.; Cocos Is. (Keel); Fiji; French Polynesia; Guam; Indonesia; Japan; Kenya; Maldives; Mauritius; Micronesia; New Caledonia; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Seychelles; Solomon Is.; Tonga; Viet Nam	23	No data	commercial	Least Concern	Stable	2009	10	-		
Actinopteri	Carangiformes	Carangidae	Gnathanodon	Gnathanodon speciosus	Golden trevally	American Samoa; Andaman Is.; Australia; Bahrain; Bangladesh; Brunei Darussalam; Cambodia; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Colombia; Comoros; Cook Is.; Costa Rica; Djibouti; Easter I.; Ecuador; El Salvador; Fiji; French Polynesia; Galapagos Is.; Guam; Guatemala; Hawaii; Honduras; Hong Kong; India; Indonesia; Iran; Iraq; Japan; Jordan; Kenya; Kuwait; Madagascar; Malaysia; Maldives; Marshall Is.; Mauritius; Mayotte; Mexico; Micronesia; Mozambique; Myanmar; New Caledonia; New Zealand; Nicaragua; Niue; North Mariana; Oman; Pakistan; Palau; Panama; Papua New Guinea; Philippines; Qatar; R��union; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Singapore; Socotra Arch.; Solomon Is.; Somalia; South Africa; Sri Lanka; Tahiti; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Tawal; United Arab Em.; US Minor Is.; Vanuatu; Viet Nam; Wallis Futuna	83	(low)	Moderate	commercial	Least Concern	Unknown	2015	37.51	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Gnatholepis	Gnatholepis caucensis	Eyebay goby	American Samoa; Andaman Is.; Australia; Bahrain; Christmas I.; Comoros; Cook Is.; Fiji; French Polynesia; Guam; Hawaii; India; Indonesia; Japan; Kenya; Kiribati; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; North Mariana; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Pitcairn; R��union; Ryukyu Is.; Seychelles; South Africa; Tahiti; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Viet Nam; Wake I.	42	No data	commercial	Least Concern	Unknown	2009	13.37	-		
Actinopteri	Gobiiformes	Gobiidae	Gnatholepis	Gnatholepis thompsoni	Goldspot goby	Anguilla; Antigua Barbuda; Anuba; Ascension I.; Bahamas; Barbados; Belize; Bermuda; Brazil; Canary Is.; Cape Verde; Cayman Is.; Cuba; Cura��ao I.; Dominica; Dominican Rp.; Ghana; Grenada; Guadeloupe; Haiti; Jamaica; Madeira Is.; Martinique; Mexico; Montserrat; Portugal; Puerto Rico; Sao Tome Prnc.; St Helena; St Kitts Nevis; St Lucia; St Vincent Gren.; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	39	No data	commercial	Least Concern	Stable	2014	14.62	Lower risk		
Actinopteri	Gobiesociformes	Gobiesocidae	Gobiosox	Gobiosox strumosus	Skullfish	8 Bermuda; Brazil; Cuba; Ecuador; Mexico; Puerto Rico; Trinidad Tobago; USA	8	No data	Captive bred (not for retail)	Unspecified	Least Concern	Unknown	2010	33.24	Moderate risk	
Actinopteri	Blenniiformes	Labrisomidae	Gobiodon	Gobiodon buccifrons	Puffbeek blenny	21 Anguilla; Antigua Barbuda; Anuba; Ascension I.; Bahamas; Barbados; Belize; Bermuda; Brazil; Canary Is.; Cape Verde; Cayman Is.; Cuba; Cura��ao I.; Dominica; Dominican Rp.; France; French Guiana; Grenada; Guadeloupe; Haiti; Jamaica; Madeira Is.; Martinique; Mexico; Montserrat; Portugal; Puerto Rico; Sao Tome Prnc.; St Helena; St Kitts Nevis; St Lucia; St Vincent Gren.; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	21	No data	commercial	Least Concern	Stable	2007	10	-		
Actinopteri	Blenniiformes	Labrisomidae	Gobiodon	Gobiodon fialitserae	Downy blenny	9 Belize; Brazil; Colombia; Honduras; Mexico; Puerto Rico; Trinidad Tobago; USA; Venezuela	9	(low)	No data	commercial	Least Concern	Unknown	2007	10	-	
Actinopteri	Gobiiformes	Gobiidae	Gobiodon	Gobiodon aculeatus	Needlespine coral goby	6 Australia; Indonesia; Palau; Papua New Guinea; Solomon Is.; Timor-Leste	6	(low)	None	rarely	Near Threatened	Unknown	2018	10	Moderate risk	
Actinopteri	Gobiiformes	Gobiidae	Gobiodon	Gobiodon albocinctus	Whiteline coral goby	6 Australia; Indonesia; Japan; Palau; Papua New Guinea; Ryukyu Is.	6	(low)	No data	rarely	Least Concern	Unknown	2018	10	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Gobiodon	Gobiodon araguanensis	White-lined coral goby	4 Fiji; Japan; Ogasawara Is.; Ryukyu Is.	4	(low)	Captive bred (unknown levels)	rarely	not assessed	not assessed	not assessed	2018	10	Lower risk
Actinopteri	Gobiiformes	Gobiidae	Gobiodon	Gobiodon cramentus	Ceram coralgoby	3 Australia; Indonesia; Papua New Guinea	3	(low)	No data	rarely	Near Threatened	Unknown	2018	10	Moderate risk	
Actinopteri	Gobiiformes	Gobiidae	Gobiodon	Gobiodon citrinus	Poison goby	Andaman Is.; Australia; Bahrain; Christmas I.; Egypt; French Polynesia; Guam; India; Indonesia; Iran; Japan; Jordan; Korea; Maldives; Marshall Is.; Micronesia; Mozambique; New Caledonia; Oman; Palau; Papua New Guinea; Philippines; Qatar; R��union; Samoa; Saudi Arabia; Seychelles; Socotra Arch.; Taiwan; Tanzania; Tonga; United Philippines; Viet Nam; Yemen	34	(low)	Common	commercial	Least Concern	Unknown	2018	12.47	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Gobiodon	Gobiodon histrio	Broad-barred goby	Andaman Is.; Australia; Indonesia; Japan; New Caledonia; Papua New Guinea; Philippines; Samoa; Thailand; Tonga	11	(moderate)	None	commercial	Least Concern	Unknown	2009	10	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Gobiodon	Gobiodon oculolineatus	Eyeline coral goby	6 Australia; China; Japan; Ogasawara Is.; Ryukyu Is.; Taiwan	6	(very low)	No data	rarely	Least Concern	Unknown	2018	10	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Gobiodon	Gobiodon okinawaensis	Okinawa goby	Australia; Brunei Darussalam; China; Cocos Is. (Keel); Indonesia; Japan; Malaysia; Marshall Is.; New Caledonia; Palau; Papua New Guinea; Philippines; Solomon Is.; Taiwan; Viet Nam	15	(moderate)	Common	commercial	Least Concern	Unknown	2018	10	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Gobiodon	Gobiodon quinquestrigatus	Five-lined coral goby	Australia; Caroline I.; China; Cook Is.; French Polynesia; Guam; Indonesia; Japan; Malaysia; Micronesia; New Caledonia; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Solomon Is.; Taiwan; Thailand; Timor-Leste; Tonga	20	(low)	Moderate	rarely	Least Concern	Unknown	2018	10.53	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Gobiodon	Gobiodon rivulatus	Rippled coral goby	American Samoa; Andaman Is.; Australia; Bahrain; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Comoros; Fiji; Guam; India; Japan; Kenya; Kiribati; Maldives; Madagascar; Maldives; Marshall Is.; Mauritius; Mozambique; New Caledonia; Palau; Papua New Guinea; Qatar; R��union; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Socotra Arch.	37	No data	None	commercial	Least Concern	Unknown	2018	10	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Gobiodon	Gobiodon solanophthalmus	White-lined coral goby	7 Australia; Indonesia; Japan; Palau; Papua New Guinea; Ryukyu Is.; Vanuatu	7	No data	rarely	not assessed	not assessed	not assessed	2020	10	Unknown	
Actinopteri	Gobiiformes	Gobiidae	Gobiodon	Gobiodon unicolor	Unicolor coral goby	9 Australia; Chagos Is.; Indonesia; Japan; New Caledonia; Papua New Guinea; Ryukyu Is.; Taiwan; Viet Nam	9	No data	rarely	not assessed	not assessed	not assessed	2018	10	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Gobius	Gobius cruentatus	Red-mouthed goby	7 Algeria; Croatia; France; Greece; Iceland; Italy; Malta; Mauritania; Morocco; Portugal; Senegal; Slovenia; Spain	7	No data	commercial	Least Concern	Stable	2014	27.47	Lower risk		
Actinopteri	Gobiiformes	Gobiidae	Gobius	Gobius vittatus	Striped goby	11 Syria; Turkey; UK; US; No data	11	No data	commercial	Least Concern	Stable	2014	11.65	-		
Actinopteri	Gobiiformes	Gobiidae	Gobius	Gobius myersi	Paleback goby	9 Anuba; Bahamas; Brazil; Colombia; Cura��ao I.; Mexico; Neeth Antilles; USA; Venezuela	9	No data	commercial	Least Concern	Unknown	2010	24.47	-		
Actinopteri	Espercari	Labridae	Gomphosus	Gomphosus caeruleus	Green birdmouth wrasse	Andaman Is.; Chagos Is.; Egypt; India; Indonesia; Jordan; Maldives; Mauritius; Mozambique; Myanmar; Oman; Philippines; R��union; Seychelles; Socotra Arch.; Somalia; South Africa; Tanzania; Thailand; Yemen	20	(low)	None	commercial	Least Concern	Unknown	2008	35.18	Moderate risk	

Non-CITES-listed marine ornamental fish species (n=2105), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Taxonomy						Range States		Evidence of species in International trade				Extinction risk/vulnerability				
Class	Order	Family	Genus	Species	Common Name	No of native range States	List of native range States	Evidence of species in International trade	Species Imported in EU and/or US (% Imports)	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Red List year of assessment	Vulnerability (FishBase)	Likelihood of threat from International trade
Actinopteri	Esperacina	Labridae	Gomphosus	Gomphosus varius	Bird wrasse	41	American Samoa; Andaman Is.; Australia; China; Christmas I.; Cocos Is. (Keel); French Polynesia; Guam; Hawaii; Hong Kong; India; Indonesia; Japan; Kiribati; Lord Howe I.; Madagascar; Malaysia; Marquesas Is.; Marshall Is.; Micronesia; New Caledonia; Niue; Norfolk I.; North Mariana; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Pitcairn; Samoa; Sri Lanka; Tahiti; Taiwan; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Vanuatu; Viet Nam	✓	✓ (low)	Rare	commercial	Least Concern	Unknown	2008	43.72	Moderate risk
Actinopteri	Centrarchiformes	Labridae	Goniistius	Goniistius gibbosus	Nagdas morwong	2	Australia; Easter I.	✓	✓ (Very low)	No data	rarely	not assessed	not assessed	not assessed	35.9	Moderate risk
Actinopteri	Centrarchiformes	Labridae	Goniistius	Goniistius vitreus	Hawaiian morwong	8	Australia; Easter I.; Hawaii; Kermadec Is.; Lord Howe I.; Midway Is.; New Caledonia; New Zealand	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2008	45.94	Moderate risk
Actinopteri	Anquilliformes	Congridae	Gorgasia	Gorgasia maculata	Whitespotted garden eel	11	Solomon Is.; Timor-Leste	✓	✓ (low)	No data	rarely	Least Concern	Unknown	2009	40.92	Moderate risk
Actinopteri	Anquilliformes	Congridae	Gorgasia	Gorgasia preclara	Splendid garden eel	12	Ryukyu Is.	✓	✓ (Very low)	None	Unspecified	Least Concern	Stable	2016	30.99	Lower risk
Actinopteri	Ovalentaria	Grammatidae	Gramma	Gramma brasiliensis	Brazilian basket	1	Brazil	✓	✓ (Very low)	None	commercial	not assessed	not assessed	not assessed	10	Lower risk
Actinopteri	Ovalentaria	Grammatidae	Gramma	Gramma djong	Golden fairy basket	1	Cuba	✓	✓ (low)	Rare	Unspecified	Unknown	2011	13	Higher risk	
Actinopteri	Ovalentaria	Grammatidae	Gramma	Gramma jinki	Yellowlined basket	7	Bahamas; Belize; Cayman Is.; Cuba; Honduras; Jamaica; Puerto Rico	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2011	10	Lower risk
Actinopteri	Ovalentaria	Grammatidae	Gramma	Gramma loreto	Royal gramma	32	Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (moderate)	Moderate	commercial	Least Concern	Unknown	2011	10	Lower risk
Actinopteri	Ovalentaria	Grammatidae	Gramma	Gramma melacara	Blackcap basket	9	Aruba; Bahamas; Belize; Cayman Is.; Colombia; Cuba; Curaçao I.; Jamaica; Neeth Antilles	✓	✓ (low)	Captive bred (not for retail)	commercial	Least Concern	Stable	2011	10	Lower risk
Actinopteri	Perciformes/Serranoidae	Serranidae	Grammistes	Grammistes aeneivatus	Goldenstriped soapfish	52	American Samoa; Andaman Is.; Australia; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Comoros; Cook Is.; Egypt; Fiji; French Polynesia; Guam; India; Indonesia; Japan; Kenya; Kermadec Is.; Lord Howe I.; Madagascar; Malaysia; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Mayotte; Micronesia; Mozambique; New Caledonia; New Zealand; Niue; North Mariana; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; RÅrUnion; Samoa; Saudi Arabia; Seychelles; Somalia; South Africa; Sri Lanka; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Vanuatu; Viet Nam	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2015	31.76	Lower risk
Actinopteri	Gobiiformes	Gobiidae	Gunnellichthys	Gunnellichthys curvirostris	Curious wormfish	16	Palau; Papua New Guinea; Philippines; Seychelles; Taiwan; Timor-Leste	✓	✓ (Very low)	None	commercial	Least Concern	Unknown	2015	10	Lower risk
Actinopteri	Gobiiformes	Gobiidae	Gunnellichthys	Gunnellichthys monostigma	Onespot wormfish	21	American Samoa; Australia; Chagos Is.; Christmas I.; Cocos Is. (Keel); Egypt; French Polynesia; Guam; Indonesia; Japan; Maldives; Marquesas Is.; Marshall Is.; Micronesia; New Caledonia; North Mariana; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Saudi Arabia	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2015	10	-
Actinopteri	Gobiiformes	Gobiidae	Gunnellichthys	Gunnellichthys pleurotaenia	Onestripe wormfish	14	Palau; Philippines; Ryukyu Is.; Samoa; Vanuatu	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2015	10	-
Actinopteri	Anquilliformes	Muraenidae	Gymnomuraena	Gymnomuraena zebra	Zebra moray	56	American Samoa; Andaman Is.; Australia; Chagos Is.; Christmas I.; Cocos Is. (Keel); Comoros; Costa Rica; Ecuador; El Salvador; French Polynesia; Galapagos Is.; Guam; Guatemala; Hawaii; Honduras; India; Indonesia; Japan; Jordan; Kuwait; Madagascar; Maldives; Marshall Is.; Mauritius; Mayotte; Mexico; Micronesia; Mozambique; New Caledonia; Nicaragua; Ogasawara Is.; Oman; Palau; Papua New Guinea; Peru; Philippines; Qatar; RÅrUnion; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Somalia; South Africa; Sri Lanka; Taiwan; Tanzania; Timor-Leste; Tonga; Tuamotu Is.; United Arab Em.; Viet Nam	✓	✓ (low)	Rare	commercial	Least Concern	Unknown	2011	80.86	Moderate risk
Actinopteri	Anquilliformes	Muraenidae	Gymnothorax	Gymnothorax bonasus	Vagrant moray	43	American Samoa; Australia; Cargados Carajos; Chagos Is.; Christmas I.; Cocos Is. (Keel); Comoros; Costa Rica; Egypt; French Polynesia; Galapagos Is.; Guam; Hawaii; India; Indonesia; Israel; Japan; Johnston I.; Jordan; Madagascar; Maldives; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; North Mariana; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Pitcairn; RÅrUnion; Ryukyu Is.; Samoa; Seychelles; South Africa; Sri Lanka; Taiwan; Timor-Leste; Tonga; Tuamotu Is.; Viet Nam	✓	✓ (low)	No data	Unspecified	Least Concern	Unknown	2011	35.39	Moderate risk
Actinopteri	Anquilliformes	Muraenidae	Gymnothorax	Gymnothorax castaneus	Panamic green moray	12	Nicaragua; Panama; Revillagigedo	✓	✓ (low)	No data	rarely	Least Concern	Unknown	2007	80.86	Moderate risk
Actinopteri	Anquilliformes	Muraenidae	Gymnothorax	Gymnothorax enigmaticus	Enigmatic moray	24	Tonga; Tuamotu Is.; Vanuatu; Yemen	✓	✓ (low)	No data	Unspecified	Least Concern	Unknown	2011	46.28	Moderate risk
Actinopteri	Anquilliformes	Muraenidae	Gymnothorax	Gymnothorax eurusus	Abbott's moray eel	23	Australia; Cargados Carajos; Chile; Costa Rica; Easter I.; French Polynesia; Hawaii; Japan; Kermadec Is.; Madagascar; Mauritius; Mozambique; New Caledonia; New Zealand; Norfolk I.; Ogasawara Is.; Palau; Papua New Guinea; Pitcairn; RÅrUnion; South Africa; Taiwan; Tonga; NZ	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2011	50.64	Moderate risk
Actinopteri	Anquilliformes	Muraenidae	Gymnothorax	Gymnothorax favaginus	Laced moray	51	American Samoa; Andaman Is.; Australia; Brunei Darussalam; Chagos Is.; Christmas I.; Cocos Is. (Keel); Comoros; Cook Is.; Easter I.; French Polynesia; Galapagos Is.; Guam; Hawaii; India; Indonesia; Japan; Johnston I.; Jordan; Kenya; Madagascar; Maldives; Marshall Is.; Mauritius; Mayotte; Mexico; Micronesia; Mozambique; New Caledonia; North Mariana; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Pitcairn; RÅrUnion; Ryukyu Is.; Samoa; Seychelles; South Africa; Sri Lanka; Sudan; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Vanuatu; Viet Nam; Yemen	✓	✓ (Very low)	None	public aquariums	Least Concern	Unknown	2011	86.23	Moderate risk
Actinopteri	Anquilliformes	Muraenidae	Gymnothorax	Gymnothorax fimbriatus	Fimbriated moray	33	Seychelles; Taiwan; Thailand; Tonga; Viet Nam	✓	✓ (Very low)	None	rarely	Least Concern	Unknown	2011	57.06	Moderate risk
Actinopteri	Anquilliformes	Muraenidae	Gymnothorax	Gymnothorax flavimarginatus	Yellow-edged moray	51	American Samoa; Andaman Is.; Australia; Brunei Darussalam; Chagos Is.; Christmas I.; Cocos Is. (Keel); Comoros; Cook Is.; Costa Rica; Egypt; French Polynesia; Galapagos Is.; Guam; Hawaii; Hong Kong; India; Indonesia; Japan; Johnston I.; Jordan; Kenya; Madagascar; Maldives; Marshall Is.; Mauritius; Mayotte; Mexico; Micronesia; Mozambique; New Caledonia; North Mariana; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Pitcairn; RÅrUnion; Ryukyu Is.; Samoa; Seychelles; South Africa; Sri Lanka; Sudan; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Vanuatu; Viet Nam; Yemen	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2011	84.66	Moderate risk
Actinopteri	Anquilliformes	Muraenidae	Gymnothorax	Gymnothorax fuscus	Green moray	35	Trinidad Tobago; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (Very low)	None	public aquariums	Least Concern	Unknown	2011	84.66	Moderate risk
Actinopteri	Anquilliformes	Muraenidae	Gymnothorax	Gymnothorax javanicus	Giant moray	53	American Samoa; Andaman Is.; Australia; Brunei Darussalam; Chagos Is.; Christmas I.; Cocos Is. (Keel); Comoros; Cook Is.; Easter I.; French Polynesia; Galapagos Is.; Guam; Hawaii; India; Indonesia; Japan; Johnston I.; Jordan; Kenya; Madagascar; Maldives; Marshall Is.; Mauritius; Mayotte; Mexico; Micronesia; Mozambique; New Caledonia; North Mariana; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Pitcairn; RÅrUnion; Ryukyu Is.; Samoa; Seychelles; South Africa; Sri Lanka; Sudan; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Vanuatu; Viet Nam; Yemen	✓	✓ (low)	No data	public aquariums	Least Concern	Unknown	2011	86.23	Moderate risk
Actinopteri	Anquilliformes	Muraenidae	Gymnothorax	Gymnothorax melatremus	Dwarf moray	31	Taiwan; Tonga; Viet Nam	✓	✓ (Very low)	None	rarely	Least Concern	Unknown	2011	31.32	Moderate risk
Actinopteri	Anquilliformes	Muraenidae	Gymnothorax	Gymnothorax megalis	Turkey moray	47	Taiwan; Tanzania; Thailand; Tonga; Tuamotu Is.; Vanuatu; Viet Nam; Yemen	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2011	69.14	Moderate risk
Actinopteri	Anquilliformes	Muraenidae	Gymnothorax	Gymnothorax millaris	Goldentail moray	44	Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (Very low)	None	commercial	Least Concern	Unknown	2011	55.23	Moderate risk
Actinopteri	Anquilliformes	Muraenidae	Gymnothorax	Gymnothorax morio	Spotted moray	39	Guatemala; USA; Thailand; Tobago; USA; Venezuela; Viet Nam; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2011	84.64	Moderate risk
Actinopteri	Anquilliformes	Muraenidae	Gymnothorax	Gymnothorax nigronigatus	Blackledge moray	4	Honduras; Mexico; Nicaragua; USA	✓	✓ (low)	No data	rarely	Least Concern	Unknown	2011	61.56	Moderate risk
Actinopteri	Anquilliformes	Muraenidae	Gymnothorax	Gymnothorax nudivomer	Yellowmouth moray	24	Tonga; Yemen	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2011	82	Moderate risk
Actinopteri	Anquilliformes	Muraenidae	Gymnothorax	Gymnothorax pictus	Paintspotted moray	54	Taiwan; Tanzania; Thailand; Tonga; Tuamotu Is.; Vanuatu; Viet Nam	✓	✓ (low)	No data	rarely	Least Concern	Unknown	2011	75.99	Moderate risk
Actinopteri	Anquilliformes	Muraenidae	Gymnothorax	Gymnothorax prasinus	Yellow moray	2	Australia; New Zealand	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2011	59.48	Moderate risk
Actinopteri	Anquilliformes	Muraenidae	Gymnothorax	Gymnothorax reticulatus	Yellow moray	14	Australia; China; Hong Kong; India; Indonesia; Israel; Japan; Korea (South); Mauritius; Papua New Guinea; Saudi Arabia; Taiwan; Thailand; Viet Nam	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2011	47.05	Moderate risk

Non-CITES-listed marine ornamental fish species (n=2105), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Taxonomy						Range States		Evidence of species in international trade	Species imported in EU and/or USA (% imports)	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Extinction risk/vulnerability				
Class	Order	Family	Genus	Species	Common Name	No of native range States	List of native range States							Red List year of assessment	Vulnerability (FishBase)	Likelihood of threat from international trade		
							American Samoa, Andaman Is., Australia, Chagos Is., Christmas I., Cook Is., French Polynesia, Guam, Hawaii, India, Indonesia, Japan, Jordan, Kiribati, Madagascar, Malaysia, Marquesas Is., Marshall Is., Mauritius, Micronesia, Mozambique, New Caledonia, Pakistan, Palau, Papua New Guinea, Philippines, R��union; 39											
Actinopteri	Anguilliformes	Muraenidae	Gymnothorax	Gymnothorax ruggelae	Banded moray			✓			commercial	Least Concern	Unknown	2011		56.99	Moderate risk	
Actinopteri	Anguilliformes	Muraenidae	Gymnothorax	Gymnothorax stendachneri	Stendachner's moray eel	1	Hawaii			No data	commercial	Least Concern	Unknown	2011		58.31	-	
							American Samoa, Andaman Is., Australia, Cambodia, China, Christmas I., French Polynesia, Guam, Hong Kong, India, Indonesia, Japan, Kermadec Is., Malaysia, Maldives, Marshall Is., Micronesia, New Caledonia, Ogasawara Is., Palau, Papua New Guinea, Philippines, Ryukyu Is., Samoa, Taiwan, Thailand, Timor-Leste, Tonga, Tuamotu Is., Viet Nam		✓ (Very low)	No data	rarely	Least Concern	Unknown	2011		53.22	Moderate risk	
Actinopteri	Anguilliformes	Muraenidae	Gymnothorax	Gymnothorax thysoides	Greyface moray	30	Ham											
							American Samoa, Andaman Is., Australia, Bahrain, Bangladesh, Brunei Darussalam, Cargados Carri��es, Chagos Is., China, Cook Is., (Keel), Comoros, Cook Is., Costa Rica, Egypt, French Polynesia, Guam, Hawaii, Hong Kong, India, Indonesia, Iran, Japan, Kenya, Kuwait, Madagascar, Malaysia, Maldives, Marquesas Is., Marshall Is., Mauritius, Mexico, Micronesia, Mozambique, Myanmar, New Caledonia, Ogasawara Is., Oman, Pakistan, Palau, Panama, Papua New Guinea, Philippines, Qatar, R��union, Revillagigedo, Rodriguez, Samoa, Saudi Arabia, Seychelles, Singapore, Somalia, South Africa, Sri Lanka, Tahiti, Taiwan, Tanzania, Thailand, Timor-Leste, Tonga, Tuamotu Is.; 62					commercial	Least Concern	Unknown	2011		80.86	Moderate risk
Actinopteri	Anguilliformes	Muraenidae	Gymnothorax	Gymnothorax undulatus	Undulated moray		Antigua Barbuda, Aruba, Ascension I., Azores Is., Bahamas, Barbados, Belize, Bermuda, Brazil, Canary Is., Cape Verde, Cayman Is., Colombia, Costa Rica, Cuba, Cura��ao I., Dominica, Dominican Rp, Equatorial Guinea, French Guiana, Grenada, Guatemala, Guyana, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Sao Tome Prnc., St Helena, St Kitts Nevis, St Lucia, St Vincent Gren., Suriname, Trinidad Tobago, USA, Venezuela, Virgin Is. (UK); 41	✓		No data	commercial	Least Concern	Unknown	2011		74.63	Moderate risk	
Actinopteri	Anguilliformes	Muraenidae	Gymnothorax	Gymnothorax vicinus	Purplemouth moray		American Samoa, Australia, Chagos Is., Christmas I., Cook Is., (Keel), Fiji, French Polynesia, Guam, Hawaii, Indonesia, Johnston I., Maldives, Marquesas Is., Marshall Is., Mauritius, Micronesia, Mozambique, New Caledonia, Palau, Papua New Guinea, Philippines, R��union, Samoa, Seychelles, South Africa, Tahiti, Taiwan, Timor-Leste; 30	✓										
Actinopteri	Anguilliformes	Muraenidae	Gymnothorax	Gymnothorax zonipectis	Barrefin moray	30	Tonga, Viet Nam		✓ (Very low)	No data	rarely	Least Concern	Unknown	2011		40.85	Moderate risk	
Actinopteri	Espercaria	Haemulidae	Haemulon	Haemulon album	White mangate		Anguilla, Antigua Barbuda, Aruba, Bahamas, Barbados, Belize, Bermuda, Brazil, Cayman Is., Colombia, Cuba, Cura��ao I., Dominica, Dominican Rp, French Guiana, Grenada, Guadeloupe, Guyana, Haiti, Jamaica, Martinique, Mexico, Montserrat, Nicaragua, Panama, Puerto Rico, St Kitts Nevis, St Lucia, St Vincent Gren., Suriname, Trinidad Tobago; 35	✓		No data	public aquariums	Data Deficient	Decreasing	2015		44.85	-	
							Anguilla, Antigua Barbuda, Aruba, Bahamas, Barbados, Belize, Bermuda, Brazil, Cayman Is., Colombia, Costa Rica, Cuba, Cura��ao I., Dominica, Dominican Rp, French Guiana, Grenada, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Mexico, Montserrat, Nicaragua, Panama, Puerto Rico, St Kitts Nevis, St Lucia, St Vincent Gren., Suriname, Trinidad Tobago; 39	✓		No data	public aquariums	Least Concern	Decreasing	2011		37.49	Moderate risk	
Actinopteri	Espercaria	Haemulidae	Haemulon	Haemulon bonanense	Black grunt	26	Anguilla, Antigua Barbuda, Aruba, Bahamas, Barbados, Belize, Bermuda, Brazil, Cayman Is., Colombia, Costa Rica, Cuba, Cura��ao I., Dominica, Dominican Rp, French Guiana, Grenada, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Mexico, Montserrat, Nicaragua, Panama, Puerto Rico, St Kitts Nevis, St Lucia, St Vincent Gren.; 39	✓		No data	public aquariums	Least Concern	Decreasing	2015		43.99	-	
Actinopteri	Espercaria	Haemulidae	Haemulon	Haemulon carbonarium	Caesar grunt		Anguilla, Antigua Barbuda, Aruba, Bahamas, Barbados, Belize, Bermuda, Brazil, Cayman Is., Colombia, Costa Rica, Cuba, Cura��ao I., Dominica, Dominican Rp, French Guiana, Grenada, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Mexico, Montserrat, Nicaragua, Panama, Puerto Rico, St Kitts Nevis, St Lucia, St Vincent Gren.; 39	✓		No data	public aquariums	Least Concern	Unknown	2011		34.63	Moderate risk	
Actinopteri	Espercaria	Haemulidae	Haemulon	Haemulon chrysargyreum	Smallmouth grunt	38	Anguilla, Antigua Barbuda, Aruba, Bahamas, Barbados, Belize, Bermuda, Brazil, Cayman Is., Colombia, Costa Rica, Cuba, Cura��ao I., Dominica, Dominican Rp, French Guiana, Grenada, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Mexico, Montserrat, Nicaragua, Panama, Puerto Rico, St Kitts Nevis, St Lucia, St Vincent Gren.; 39	✓	Moderate		public aquariums	Least Concern	Unknown	2011		27.3	Lower risk	
Actinopteri	Espercaria	Haemulidae	Haemulon	Haemulon flavolineatum	French grunt	39	Anguilla, Antigua Barbuda, Aruba, Bahamas, Barbados, Belize, Bermuda, Brazil, Cayman Is., Colombia, Costa Rica, Cuba, Cura��ao I., Dominica, Dominican Rp, French Guiana, Grenada, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Mexico, Montserrat, Nicaragua, Panama, Puerto Rico, St Kitts Nevis, St Lucia, St Vincent Gren.; 39	✓	✓ (Very low)	Moderate	public aquariums	Least Concern	Unknown	2015		31.73	Lower risk	
Actinopteri	Espercaria	Haemulidae	Haemulon	Haemulon macrostomum	Spanish grunt	34	Anguilla, Antigua Barbuda, Aruba, Bahamas, Barbados, Belize, Bermuda, Brazil, Cayman Is., Colombia, Costa Rica, Cuba, Cura��ao I., Dominica, Dominican Rp, French Guiana, Grenada, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Mexico, Montserrat, Nicaragua, Panama, Puerto Rico, St Kitts Nevis, St Lucia, St Vincent Gren.; 39	✓		No data	public aquariums	Least Concern	Unknown	2011		37.06	-	
Actinopteri	Espercaria	Haemulidae	Haemulon	Haemulon melanurum	Cottontail grunt	39	Anguilla, Antigua Barbuda, Aruba, Bahamas, Barbados, Belize, Bermuda, Brazil, Cayman Is., Colombia, Costa Rica, Cuba, Cura��ao I., Dominica, Dominican Rp, French Guiana, Grenada, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Mexico, Montserrat, Nicaragua, Panama, Puerto Rico, St Kitts Nevis, St Lucia, St Vincent Gren.; 39	✓	Moderate		public aquariums	Least Concern	Unknown	2011		33.14	Moderate risk	
Actinopteri	Espercaria	Haemulidae	Haemulon	Haemulon para	Sailor's grunt	38	Anguilla, Antigua Barbuda, Aruba, Bahamas, Barbados, Belize, Bermuda, Brazil, Cayman Is., Colombia, Costa Rica, Cuba, Cura��ao I., Dominica, Dominican Rp, French Guiana, Grenada, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Mexico, Montserrat, Nicaragua, Panama, Puerto Rico, St Kitts Nevis, St Lucia, St Vincent Gren.; 39	✓		No data	public aquariums	Least Concern	Unknown	2011		37.43	Moderate risk	
Actinopteri	Espercaria	Haemulidae	Haemulon	Haemulon plumieri	White grunt		Anguilla, Antigua Barbuda, Aruba, Bahamas, Barbados, Belize, Bermuda, Brazil, Cayman Is., Colombia, Costa Rica, Cuba, Cura��ao I., Dominica, Dominican Rp, French Guiana, Grenada, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Mexico, Montserrat, North Antilles, Nicaragua, Panama, Puerto Rico, St Kitts Nevis, St Lucia, St Vincent Gren., Suriname, Trinidad Tobago; 39	✓		No data	public aquariums	Least Concern	Decreasing	2015		61.75	-	
Actinopteri	Espercaria	Haemulidae	Haemulon	Haemulon sciurus	Bluestriped grunt	39	Anguilla, Antigua Barbuda, Aruba, Bahamas, Barbados, Belize, Bermuda, Brazil, Cayman Is., Colombia, Costa Rica, Cuba, Cura��ao I., Dominica, Dominican Rp, French Guiana, Grenada, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Mexico, Montserrat, Nicaragua, Panama, Puerto Rico, St Kitts Nevis, St Lucia, St Vincent Gren.; 39	✓		No data	public aquariums	Least Concern	Unknown	2015		35.23	Lower risk	
Actinopteri	Espercaria	Haemulidae	Haemulon	Haemulon zanfaccinum	Greybar grunt	9	Costa Rica, Ecuador, El Salvador, Galapagos Is., Guatemala, Honduras, Mexico, Nicaragua, Panama	✓		No data	rarely	commercial	Least Concern	Unknown	2007		58.42	Moderate risk
Actinopteri	Espercaria	Haemulidae	Haemulon	Haemulon zindachneri	Chere-chere grunt	19	Andaman Is., Australia, Egypt, Fiji, Indonesia, Israel, Jordan, Papua New Guinea, Philippines, Saudi Arabia, Solomon	✓		No data	public aquariums	Least Concern	Unknown	2015		33.66	-	
Actinopteri	Espercaria	Haemulidae	Haemulon	Haemulon zittatum	Striped grunt		Anguilla, Antigua Barbuda, Aruba, Bahamas, Barbados, Belize, Bermuda, Brazil, Cayman Is., Colombia, Costa Rica, Cuba, Cura��ao I., Dominica, Dominican Rp, French Guiana, Grenada, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Mexico, Montserrat, Nicaragua, Panama, Puerto Rico, St Kitts Nevis, St Lucia, St Vincent Gren.; 39	✓		No data	public aquariums	Least Concern	Unknown	2015		30.82	Lower risk	
Actinopteri	Syngnathiformes	Syngnathidae	Halicampus	Halicampus macrorhynchus	Ornate pipefish	12	Is., Taiwan	✓		No data	Unspecified	Least Concern	Unknown	2015		14.21	Lower risk	
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres adustus	Black wrasse	7	Cocos I. (C.R.), Revillagigedo	✓	(low)		commercial	Vulnerable	Unknown	2007		22.15	Higher risk	
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres argus	Argus wrasse	19	Andaman Is., Australia, Fiji, India, Indonesia, Japan, Malaysia, Myanmar, New Caledonia, Papua New Guinea, Philippines, Ryukyu Is., Solomon Is., Sri Lanka, Taiwan, Thailand, Timor-Leste, Tonga, Viet Nam	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2009		21.39	Lower risk	
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres brachybius	Greenband wrasse	5	Brazil, Trinidad, M. Vaz Is.	✓		No data	commercial	Least Concern	Unknown	2008		30.69	Moderate risk	
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres bicolor	Pearly-spotted wrasse	9	Belize, Cuba, Jamaica, Mexico, Puerto Rico, Suriname, USA, Venezuela	✓	✓ (Very low)	No data	rarely	Least Concern	Unknown	2008		21.39	Lower risk	
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres binotatus	Sawtooth wrasse	6	Indonesia, Malaysia, Papua New Guinea, Philippines, Singapore, Timor-Leste	✓		No data	commercial	Least Concern	Unknown	2009		19.69	-	
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres bicellatus	Red-lined wrasse	22	American Samoa, Australia, Brunei Darussalam, China, Christmas I., Indonesia, Japan, Kiribati, Marshall Is., New Caledonia, Palau, Papua New Guinea, Philippines, Samoa, Solomon Is., Taiwan, Timor-Leste; 22	✓	✓ (low)	None	commercial	Least Concern	Decreasing	2008		21.39	Lower risk	
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres bivittatus	Slippery dick	30	USA	✓		No data	commercial	Least Concern	Unknown	2008		36.26	Moderate risk	
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres braconius	Brazilian wrasse	2	Brazil, Trinidad, M. Vaz Is.	✓		No data	commercial	Least Concern	Unknown	2008		28.6	Lower risk	
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres caudalis	Painted wrasse	8	Belize, Cuba, Jamaica, Mexico, Puerto Rico, Suriname, USA, Venezuela	✓		No data	rarely	Least Concern	Stable	2007		26.31	Lower risk	
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres cheirchae	Wounded wrasse	7	Costa Rica, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama	✓		No data	rarely	Least Concern	Unknown	2009		33.75	Moderate risk	
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres chloropterus	Pastel-green wrasse	15	Philippines, Singapore, Solomon Is., Thailand, Timor-Leste, Viet Nam	✓	(moderate)	None	commercial	Least Concern	Unknown	2007		19.69	-	
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres chrysus	Canary wrasse		Anguilla, Antigua Barbuda, Aruba, Bahamas, Barbados, Belize, Bermuda, Brazil, Cayman Is., Cuba, Cura��ao I., Dominica, Dominican Rp, Grenada, Guadeloupe, Haiti, Jamaica, Martinique, Mexico, Montserrat, Puerto Rico, St Kitts Nevis, St Lucia, St Vincent Gren., Trinidad Tobago; 39	✓	(moderate)	None	commercial	Least Concern	Unknown	2009		21.39	Lower risk	
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres claudia	Claudia's wrasse	12	Guinea, Solomon Is., Timor-Leste, Vanuatu	✓	✓ (low)	None	rarely	Least Concern	Unknown	2009		19.69	Lower risk	
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres cosmetus	Adorned wrasse	16	Andaman Is., Chagos Is., India, Indonesia, Maldives, Mauritius, Myanmar, R��union, Rodriguez, Seychelles; 16	✓	(low)	None	rarely	Least Concern	Unknown	2009		22.77	Lower risk	

Non-CITES-listed marine ornamental fish species (n=2105), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by Fishbase. Information on the data sources are provided in the

Class	Order	Taxonomy				No of native range States	List of native range States	Evidence of species in International trade	Species imported in EU and/or US (% imports)	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Red List year of assessment	Extinction risk/vulnerability		
		Family	Genus	Species	Common Name										Vulnerability (Fishbase)	Likelihood of threat from International Trade	
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres cyanogobulus	Yellowcheek wrasse	1	Anguilla, Antigua Barbuda, Aruba, Barbados, Belize, Brazil, Cayman Is., Cuba, Curaçao I.; Dominica; Dominican Rp.; French Guiana; Grenada; Guadeloupe; Haiti; Jamaica; Martinique; Mexico; Montserrat; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Suriname; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK), Virgin Is. (US)	✓	✓ (Very low)	None	commercial	Least Concern	Unknown	2008	34.51	Moderate risk	
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres dimidiatus	Yellowcheek wrasse	2	Brazil; French Guiana	✓	None	rarely	Least Concern	Unknown	2008	41.22	Moderate risk		
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres dipilus	Chameleon wrasse	11	Cuba; Costa Rica, Ecuador; El Salvador; Galapagos Is.; Guatemala; Honduras; Mexico; Nicaragua; Panama; Suriname; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK), Virgin Is. (US)	✓	None	commercial	Least Concern	Stable	2007	31.66	Moderate risk		
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres edmanni	Edmann's wrasse	5	Brunei Darussalam; Indonesia; Malaysia; Singapore; Thailand	✓	None	rarely	Least Concern	not assessed	not assessed	not assessed	15.01	Lower risk	
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres garnoti	Yellowhead wrasse	31	Anguilla, Antigua Barbuda, Aruba, Bahamas, Barbados, Belize, Bermuda, Brazil, Cayman Is., Cuba, Curaçao I.; Dominica; Dominican Rp.; Grenada; Guadeloupe; Haiti; Honduras; Jamaica; Martinique; Mexico; Montserrat; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK), Virgin Is. (US)	✓	✓ (low)	None	commercial	Least Concern	Unknown	2008	27.83	Lower risk	
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres hartzi	Hartzi's wrasse	19	American Samoa; Australia; Brunei Darussalam; China; Guam; Hong Kong; Indonesia; Japan; Marshall Is.; Micronesia; New Caledonia; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Solomon Is.; Taiwan; Timor-Leste	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2008	27.03	Lower risk	
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres hortulanus	Checkerboard wrasse	52	American Samoa; Andaman Is.; Australia; Cambodia; Caroline Is.; Chagos Is.; China; Christmas I.; Comoros; Cook Is.; Egypt; French Polynesia; Guam; India; Indonesia; Japan; Jordan; Kiribati; Madagascar; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; New Zealand; North Mariana; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Pitcairn; Samoa; South Africa; Sri Lanka; Sudan; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuamotu Is.; US Minor Is.; Vanuatu; Viet Nam; Yemen	✓	✓ (low)	None	commercial	Least Concern	Unknown	2008	20.73	Lower risk	
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres indus	Checkerboard wrasse	11	Chagos Is.; Madagascar; Maldives; Mauritius; Mozambique; Oman; RÅlunion; Seychelles; Socotra Arch.; South Africa; Yemen	✓	✓ (low)	None	commercial	Least Concern	Unknown	2009	29.59	Lower risk	
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres kailochroma	Jeweled wrasse	3	Indonesia; Philippines; Thailand	✓	None	rarely	Least Concern	Unknown	2009	21.39	-		
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres lapillus	Jeweled wrasse	6	Madagascar; Mauritius; Mozambique; Oman; RÅlunion; South Africa	✓	None	rarely	Least Concern	Unknown	2009	23.67	Lower risk		
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres leucostichus	Canarytop wrasse	7	Andaman Is.; Christmas I.; India; Indonesia; Maldives; Myanmar; Thailand	✓	✓ (moderate)	None	commercial	Least Concern	Unknown	2009	21.39	Lower risk	
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres leucurus	Greyhead wrasse	18	Australia; Brunei Darussalam; Cambodia; Indonesia; Japan; Marshall Is.; Micronesia; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Singapore; Solomon Is.; Taiwan; Thailand; Timor-Leste; Viet Nam; Wake I.	✓	✓ (Very low)	No data	rarely	Least Concern	Unknown	2009	22.77	Lower risk	
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres maculipinna	Clown wrasse	31	Anguilla, Antigua Barbuda, Aruba, Bahamas, Barbados, Belize, Bermuda, Brazil, Cayman Is., Cuba, Curaçao I.; Dominica; Dominican Rp.; Grenada; Guadeloupe; Haiti; Jamaica; Martinique; Mexico; Montserrat; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Trind. M Vaz Is.; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK), Virgin Is. (US)	✓	None	No data	commercial	Least Concern	Unknown	2008	27.03	Lower risk	
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres margaritaceus	Pink belly wrasse	26	American Samoa; Andaman Is.; Australia; Brunei Darussalam; China; Christmas I.; Cocos Is. (Keel); Cook Is.; Fiji; French Polynesia; Guam; Indonesia; Japan; Kiribati; Lord Howe I.; Marshall Is.; Micronesia; New Caledonia; New Zealand; Norfolk I.; North Mariana; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Pitcairn; Samoa; Solomon Is.; Tahiti; Taiwan; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Viet Nam	✓	✓ (low)	None	commercial	Least Concern	Unknown	2008	25.86	Lower risk	
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres marginatus	Dusky wrasse	25	American Samoa; Andaman Is.; Australia; Bahrain; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Egypt; French Polynesia; Guam; Hawaii; India; Indonesia; Israel; Japan; Jordan; Kiribati; Kuwait; Malaysia; Maldives; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; North Mariana; Oman; Palau; Papua New Guinea; Philippines; Pitcairn; Qatar; RÅlunion; Samoa; Saudi Arabia; Seychelles; Socotra Arch.; Somalia; Sri Lanka; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuamotu Is.; United Arab Em.; Vanuatu; Viet Nam; Yemen	✓	✓ (low)	None	commercial	Least Concern	Unknown	2009	19.61	Lower risk	
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres melanochir	Orangefin wrasse	9	Australia; China; Indonesia; Japan; Philippines; Ryukyu Is.; Taiwan; Timor-Leste; Viet Nam	✓	No data	commercial	Least Concern	Unknown	2008	27.03	-		
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres melanota	Golden wrasse	7	Cocos I. (Keel); Costa Rica; El Salvador; Guatemala; Honduras; Mexico; Nicaragua	✓	No data	rarely	Least Concern	Stable	2007	22.77	Lower risk		
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres melanurus	Tail-spot wrasse	22	Australia; Brunei Darussalam; China; Guam; Indonesia; Japan; Marshall Is.; Micronesia; Myanmar; New Caledonia; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Solomon Is.; Taiwan; Thailand; Timor-Leste; Tonga; Viet Nam	✓	✓ (low)	Captive bred (not for retail)	public aquariums	Least Concern	Unknown	2008	21.39	Lower risk	
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres melampomus	Circle-spot wrasse	21	Australia; Christmas I.; Cocos Is. (Keel); Cook Is.; French Polynesia; Guam; Indonesia; Japan; Marquesas Is.; Marshall Is.; Micronesia; New Caledonia; North Mariana; Palau; Philippines; Pitcairn; Samoa; Timor-Leste; Tonga; Tuamotu Is.; Viet Nam	✓	✓ (low)	None	commercial	Least Concern	Unknown	2009	31.13	Moderate risk	
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres minckleyi	Check-throat wrasse	16	Ryukyu Is.; Singapore; Solomon Is.; Taiwan; Thailand; Timor-Leste	✓	No data	commercial	Least Concern	Unknown	2009	28.67	Lower risk		
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres nebulosus	Nebulous wrasse	33	Andaman Is.; Australia; Chagos Is.; China; Christmas I.; Egypt; Fiji; India; Indonesia; Japan; Jordan; Kenya; Lord Howe I.; Maldives; Mauritius; Mozambique; New Caledonia; Oman; Palau; Papua New Guinea; Philippines; RÅlunion; Seychelles; Socotra Arch.; Solomon Is.; Somalia; South Africa; Sri Lanka; Taiwan; Tanzania; Timor-Leste; Viet Nam; Yemen	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2008	21.39	Lower risk	
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres nictolus	Spinster wrasse	10	Costa Rica, Ecuador; El Salvador; Galapagos Is.; Guatemala; Honduras; Mexico; Nicaragua; Panama; Revillagigedo I.; Andaman Is.; Australia; Bahrain; China; Hong Kong; India; Indonesia; Japan; Kuwait; Mozambique; Oman; Philippines; Qatar; Saudi Arabia; Singapore; Socotra Arch.; Somalia; South Africa; Sri Lanka; Taiwan; Thailand; Timor-Leste; United Arab Em.; Viet Nam; Yemen	✓	None	No data	commercial	Least Concern	Stable	2007	37.49	Moderate risk	
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres nigrescens	Bubblefin wrasse	25	Australia; Christmas I.; Cocos Is. (Keel); Cook Is.; Fiji; French Polynesia; Guam; Hawaii; Indonesia; Japan; Johnston Atoll; Marquesas Is.; New Caledonia; North Mariana; Palau; Papua New Guinea; Philippines; Pitcairn; Ryukyu Is.; Solomon Is.; Taiwan; Tonga; Viet Nam	✓	✓ (low)	Captive bred (not for retail)	commercial	Least Concern	Unknown	2010	27.03	Lower risk	
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres pallidus	Pale wrasse	5	Indonesia; Kiribati; Micronesia; Palau; Timor-Leste	✓	✓ (Very low)	None	rarely	Least Concern	Unknown	2009	17.67	Lower risk	
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres pectorifer	Wrasse	3	Mauritius; South Africa; Taiwan	✓	No data	rarely	Data Deficient	Unknown	2009	11.03	Lower risk		
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres porosus	Wrasse	1	Brazil	✓	No data	rarely	Least Concern	Unknown	2008	25.41	-		
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres pictus	Rainbow wrasse	28	Anguilla, Antigua Barbuda, Aruba, Bahamas, Barbados, Belize, Bermuda, Brazil, Cayman Is., Colombia, Costa Rica; Cuba; Curaçao I.; Dominica; Dominican Rp.; Grenada; Guadeloupe; Haiti; Honduras; Jamaica; Martinique; Mexico; Montserrat; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Trinidad Tobago; Turks Caicos Is.; USA; Virgin Is. (UK), Virgin Is. (US)	✓	No data	commercial	Least Concern	Unknown	2008	22.77	-		
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres podostigma	Axil spot wrasse	5	Indonesia; Malaysia; Philippines; Timor-Leste; Viet Nam	✓	No data	commercial	Least Concern	Unknown	2009	33.05	Moderate risk		
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres popyi	Blackear wrasse	30	Anguilla, Antigua Barbuda, Aruba, Bahamas, Barbados, Belize, Bermuda, Brazil, Cayman Is., Cuba, Curaçao I.; Dominica; Dominican Rp.; Grenada; Guadeloupe; Haiti; Jamaica; Martinique; Mexico; Montserrat; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Trind. M Vaz Is.; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK), Virgin Is. (US)	✓	No data	commercial	Least Concern	Unknown	2008	28.6	-		
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres prosopion	Twortone wrasse	17	American Samoa; Australia; Brunei Darussalam; Fiji; Indonesia; Japan; New Caledonia; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Solomon Is.; Timor-Leste; Tonga; Viet Nam; NA	✓	✓ (low)	None	commercial	Least Concern	Unknown	2009	26.5	Lower risk	
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres radfordi	Puddingwife wrasse	11	Anguilla, Antigua Barbuda, Aruba, Bahamas, Barbados, Belize, Bermuda, Brazil, Cayman Is., Colombia, Costa Rica; Cuba; Curaçao I.; Dominica; Dominican Rp.; Grenada; Guadeloupe; Guatemala; Haiti; Honduras; Jamaica; Martinique; Mexico; Montserrat; Nicaragua; Panama; Puerto Rico; St Kitts Nevis; St Lucia; St Paul's Rocks; St Vincent Gren.; Trind. M Vaz Is.; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK), Virgin Is. (US)	✓	✓ (low)	None	commercial	Least Concern	Unknown	2008	47.66	Moderate risk	
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres richmondi	Richmond's wrasse	12	Solomon Is.; Timor-Leste; Viet Nam	✓	✓ (Very low)	None	Unspecified	Least Concern	Unknown	2009	17.67	Lower risk	
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres rubropellucidus	Redhead wrasse	1	Indonesia	✓	None	rarely	Data Deficient	Unknown	2009	17.67	Lower risk		
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres scappulatus	Zigzag wrasse	3	Andaman Is.; Australia; Christmas I.; Cocos Is. (Keel); Djibouti; Egypt; India; Indonesia; Japan; Jordan; Kenya; Malaysia; Maldives; Mauritius; Mozambique; Oman; Palau; Papua New Guinea; Philippines; RÅlunion; Saudi Arabia; Seychelles; Socotra Arch.; Solomon Is.; Somalia; South Africa; Sudan; Taiwan; Tanzania; Thailand; Timor-Leste; Vanuatu; Viet Nam; Yemen	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2008	22.5	Lower risk	
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres semicinctus	Rock wrasse	2	Mexico; USA	✓	None	commercial	Least Concern	Stable	2007	32.18	Moderate risk		
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres solitarius	Green wrasse	4	Indonesia; Philippines; Timor-Leste; Viet Nam	✓	No data	Unspecified	Least Concern	Unknown	2009	27.77	Lower risk		
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres toupinus	Wrasse	3	China; Hong Kong; Taiwan	✓	No data	Unspecified	Least Concern	Unknown	2008	27.03	-		
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres trimaculatus	Timor wrasse	11	Andaman Is.; India; Indonesia; Malaysia; Maldives; Palau; Papua New Guinea; Philippines; Sri Lanka; Thailand; Timor-Leste; Viet Nam	✓	✓ (low)	None	commercial	Least Concern	Decreasing	2008	21.39	Lower risk	
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres trimaculatus	Threestrip wrasse	30	American Samoa; Australia; Caroline I.; China; Christmas I.; Cocos Is. (Keel); Cook Is.; French Polynesia; Guam; Hong Kong; Indonesia; Japan; Kiribati; Lord Howe I.; Marshall Is.; Micronesia; New Caledonia; Norfolk I.; North Mariana; Palau; Papua New Guinea; Philippines; Pitcairn; Samoa; Tahiti; Taiwan; Timor-Leste; Tonga; Tuamotu Is.; Viet Nam	✓	No data	commercial	Least Concern	Unknown	2008	33.02	Moderate risk		
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres tripus	Threestrip wrasse	6	Chagos Is.; Indonesia; Maldives; Mauritius; Seychelles; South Africa	✓	No data	commercial	Least Concern	Unknown	2009	16.55	Lower risk		
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres zeylanus	Goldstripe wrasse	20	Caldonia; Oman; Philippines; Qatar; Samoa; Saudi Arabia; Seychelles; Sri Lanka; United Arab Em.	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2009	28.6	Lower risk	
Actinopteri	Espercaria	Labridae	Halichoeres	Halichoeres zulu	Wrasse	1	South Africa	✓	No data	commercial	Least Concern	Unknown	not assessed	not assessed	2009	25.07	Lower risk
Actinopteri	Ovalentaria	Pseudochromidae	Halipops	Halipops guffatus	African eel blenny	1	Saudi Arabia; Somalia; Sudan; Tanzania; Yemen	✓	No data	commercial	Least Concern	Unknown	2019	25.07	-		
Elasmobranchi	Carcharhiniformes	Squaliidae	Hexagrammidae	Hexagrammidae fuscus	Brown shyshark	1	South Africa	✓	No data	rarely	Vulnerable	Decreasing	2019	53.97	-		
Actinopteri	Blechniformes	Tripterygiidae	Helicogramma	Helicogramma striatum	Tropical striped triplefin	16	Anguilla; Australia; Fiji; Indonesia; Japan; Kiribati; Myanmar; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Solomon Is.; Taiwan; Thailand; Timor-Leste; Vanuatu	✓	No data	commercial	Least Concern	Unknown	2009	10	-		
Actinopteri	Blechniformes	Channidae	Hemibatemora	Hemibatemora striata	Wrasse blenny	6	Bahamas; Belize; Cuba; Honduras; Mexico; USA	✓	No data	commercial	Least Concern	Unknown	2007	10	-		

Non-CITES-listed marine ornamental fish species (n=2105), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Taxonomy					Range States	No of native range States	List of native range States	Evidence of species in international trade	Species imported in EU and/or UK (%) Imports	Evidence of captive-breeding	Demand for aquaria	Red List category	Extinction risk/vulnerability			
Class	Order	Family	Genus	Species	Common Name								Evidence of species in international trade	Species imported in EU and/or UK (%) Imports	Evidence of captive-breeding	Demand for aquaria
Actinopteri	Ovalentaria	Pomacentridae	<i>Hemiphyllodon</i>	<i>Hemiphyllodon plagiatus</i> sp. nov.	Lagoon damselfish		Andaman Is.; Australia; China; Indonesia; Japan; Malaysia; Micronesia; New Caledonia; Palau; Papua New Guinea; American Samoa; Ryukyu Is.; Singapore; Solomon Is.; Taiwan; Thailand; Timor-Leste; Tonga; Vanuatu; Viet Nam				commercial	Least Concern	Unknown	2022	29.01	-
Actinopteri	Esperacaria	Labridae	<i>Hemigymnus</i>	<i>Hemigymnus fasciatus</i>	Barred thicklip		Andaman Is.; Australia; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Egypt; French Polynesia; Guam; Hong Kong; India; Indonesia; Japan; Lord Howe I.; Maldives; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; North Mariana; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Socotra Arch.; Somalia; Taiwan; Tanzania; Timor-Leste; Tonga; Vanuatu; Viet Nam; Yemen	✓	✓ (Very low)	None	commercial	Least Concern	Unknown	2008	34.51	Moderate risk
Actinopteri	Esperacaria	Labridae	<i>Hemigymnus</i>	<i>Hemigymnus melapturus</i>	Blackeye thicklip Indonesia spotted carpetshark		Andaman Is.; Australia; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Egypt; French Polynesia; Guam; Hong Kong; India; Indonesia; Japan; Lord Howe I.; Malaysia; Maldives; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; North Mariana; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Socotra Arch.; Somalia; Taiwan; Tanzania; Timor-Leste; Tonga; Vanuatu; Viet Nam; Yemen	✓	✓ (low)	None	commercial	Least Concern	Unknown	2008	49.69	Moderate risk
Elasmobranchii	Drecolobiformes	Hemiscylliidae	<i>Hemiscyllium</i>	<i>Hemiscyllium freycineti</i>	Cenderawasih Epaullette shark	2	Indonesia; Papua New Guinea				rarely	Near Threatened	Decreasing	2020	31.28	-
Elasmobranchii	Drecolobiformes	Hemiscylliidae	<i>Hemiscyllium</i>	<i>Hemiscyllium gale</i>	Endeavoursh Epaullette shark	1	Indonesia				rarely	Vulnerable	Decreasing	2020	27.42	-
Elasmobranchii	Drecolobiformes	Hemiscylliidae	<i>Hemiscyllium</i>	<i>Hemiscyllium ocellatum</i>	Epaullette shark	6	Australia; Fiji; Indonesia; Malaysia; Papua New Guinea; Solomon Is.	✓	✓ (Very low)	Common	rarely	Least Concern	Stable	2015	45.71	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	<i>Hemitaurichthys</i>	<i>Hemitaurichthys polytypis</i>	Pyramid butterflyfish		Andaman Is.; American Samoa; Andaman Is.; Australia; Caroline I.; China; Christmas I.; Cocos Is. (Keel); Cook Is.; French Polynesia; Guam; Hawaii; Indonesia; Japan; Kiribati; Marshall Is.; Micronesia; New Caledonia; North Mariana; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Pitcairn; Ryukyu Is.; Samoa; Taiwan; Timor-Leste;	✓	✓ (low)	None	commercial	Least Concern	Stable	2009	14.21	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	<i>Hemitaurichthys</i>	<i>Hemitaurichthys thompsoni</i>	Thompson's butterflyfish	11	Cook Is.; French Polynesia; Guam; Hawaii; Japan; Johnston I.; Kiribati; North Mariana; Samoa; Tuamotu Is.; Wake I.	✓			commercial	Least Concern	Stable	2009	14.21	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	<i>Hemitaurichthys</i>	<i>Hemitaurichthys zoster</i>	Brown-and-white butterflyfish		Andaman Is.; Chagos Is.; Comoros; India; Indonesia; Kenya; Madagascar; Maldives; Mauritius; Mozambique; Oman;	✓	✓ (low)	None	commercial	Least Concern	Decreasing	2009	14.21	Lower risk
Elasmobranchii	Mylobatiformes	Dasyllidae	<i>Hemirygdon</i>	<i>Hemirygdon akajai</i>	Whip stingray	6	China; Fiji; Japan; Korea (South); Ogasawara Is.; Taiwan				rarely	Near Threatened	Stable	2019	73.67	-
Actinopteri	Acanthuriformes	Chaetodontidae	<i>Heniocichthys</i>	<i>Heniocichthys acuminatus</i>	Pennant coralfish		Admiralty Is.; American Samoa; Andaman Is.; Australia; Bahrain; Bangladesh; Brunei Darussalam; Cambodia; Cargados; Caroline I.; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Comoros; Cook Is.; Djibouti; Eritrea; Fiji; French Polynesia; Guam; Hawaii; Indonesia; Iran; Japan; Johnston I.; Kenya; Kiribati; Lord Howe I.; Madagascar; Malaysia; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Micronesia; Mozambique; Myanmar; Nauru; New Caledonia; Niue; Norfolk I.; North Mariana; Ogasawara Is.; Oman; Pac Is. Trust; Pakistan; Palau; Papua New Guinea; Philippines; Pitcairn; R��union; Rodrigues; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Singapore; Solomon Is.; Somalia; South Africa; Sri Lanka; Sudan; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuvalu; United Arab Em.;	✓	✓ (moderate)	None	commercial	Least Concern	Stable	2009	20.09	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	<i>Heniocichthys</i>	<i>Heniocichthys chrysostratus</i>	Threeband pennantfish		American Samoa; Australia; China; Christmas I.; Cocos Is. (Keel); Cook Is.; Fiji; French Polynesia; Guam; India; Indonesia; Japan; Kiribati; Korea (South); Marshall Is.; Micronesia; New Caledonia; North Mariana; Ogasawara Is.;	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2009	14.21	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	<i>Heniocichthys</i>	<i>Heniocichthys diphrini</i>	False moorish idol		Andaman Is.; Australia; Hawaii; Indonesia; Japan; Jordan; Kerma��dec Is.; Lord Howe I.; Maldives; Mauritius; New Zealand; Ogasawara Is.; Papua New Guinea; Philippines; Ryukyu Is.; South Africa; Timor-Leste				commercial	Least Concern	Stable	2009	16.06	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	<i>Heniocichthys</i>	<i>Heniocichthys stemmeides</i>	Red Sea bannerfish	7	Djibouti; Egypt; Eritrea; Israel; Jordan; Sudan; Yemen	✓	✓ (low)	None	commercial	Least Concern	Stable	2009	14.21	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	<i>Heniocichthys</i>	<i>Heniocichthys monoceros</i>	Masked bannerfish	72	Yemen	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2009	18.91	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	<i>Heniocichthys</i>	<i>Heniocichthys pleurotaenia</i>	Phantom bannerfish	7	Andaman Is.; India; Indonesia; Maldives; Myanmar; Sri Lanka; Thailand	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2009	19.37	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	<i>Heniocichthys</i>	<i>Heniocichthys singularis</i>	Singular bannerfish	29	Is.; Marshall Is.; Micronesia; New Caledonia; Niue; North Mariana; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Sri Lanka; Taiwan; Thailand; Timor-Leste; Tonga; Vanuatu; Viet Nam				rarely	Least Concern	Unknown	2015	85.67	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	<i>Heniocichthys</i>	<i>Heniocichthys varus</i>	Horned bannerfish	26	Solomon Is.; Tahiti; Taiwan; Timor-Leste; Tonga; Vanuatu; Viet Nam	✓	✓ (low)	None	commercial	Least Concern	Stable	2009	14.62	Lower risk
Actinopteri	Bleniiformes	Clupeidae	<i>Heterostichus</i>	<i>Heterostichus perspicillatus</i>	Common keedfish	1	Australia	✓			rarely	Least Concern	Stable	2010	10	Lower risk
Actinopteri	Anquilliformes	Coniuridae	<i>Heterocoeliger</i>	<i>Heterocoeliger hassi</i>	Spotted garden-eel	36	American Samoa; Andaman Is.; Australia; Caroline I.; Chagos Is.; Christmas I.; Cocos Is. (Keel); Comoros; Cook Is.; Fiji; French Polynesia; Guam; India; Indonesia; Japan; Kiribati; Madagascar; Maldives; Marshall Is.; Mauritius; Mayotte; Micronesia; New Caledonia; Ogasawara Is.; Palau; Papua New Guinea; Philippines; R��union; Ryukyu Is.;	✓	✓ (low)	None	commercial	Least Concern	Stable	2016	30.99	Lower risk
Elasmobranchii	Heterodontiformes	Heterodontidae	<i>Heterodontus</i>	<i>Heterodontus galeatus</i>	Crested hornshark	1	Australia	✓			rarely	Least Concern	Unknown	2015	85.67	Lower risk
Elasmobranchii	Heterodontiformes	Heterodontidae	<i>Heterodontus</i>	<i>Heterodontus portusacchonii</i>	Port Jackson shark	2	Australia; New Zealand	✓	✓ (Very low)	None	public aquariums	Least Concern	Stable	2015	76.08	Lower risk
Elasmobranchii	Heterodontiformes	Heterodontidae	<i>Heterodontus</i>	<i>Heterodontus zebra</i>	Zebra bullhead shark	13	Australia; China; Indonesia; Japan; Korea (North); Korea (South); Malaysia; Ogasawara Is.; Philippines; Ryukyu Is.; Taiwan; Thailand; Viet Nam	✓			potential	Least Concern	Decreasing	2020	72.7	Lower risk
Actinopteri	Esperacaria	Phacanthidae	<i>Heteropriacanthus</i>	<i>Heteropriacanthus crenatus</i>	Glassew	132	(US); Wake I.; Wallis Futuna; Yemen	✓			commercial	Least Concern	Unknown	2013	29.23	Lower risk
Actinopteri	Esperacaria	Otididae	<i>Heterosarcus</i>	<i>Heterosarcus acropilis</i>	Rainbow cale	1	Australia				commercial	Least Concern	Unknown	2009	25.4	-
Elasmobranchii	Mylobatiformes	Dasyllidae	<i>Himantura</i>	<i>Himantura uarnak</i>	Honeycomb stingray		Andaman Is.; Australia; Bahrain; Bangladesh; Brunei Darussalam; Cambodia; China; Christmas I.; Comoros; Djibouti; Egypt; Eritrea; French Polynesia; India; Indonesia; Iran; Jordan; Kenya; Kuwait; Madagascar; Malaysia; Mauritius; Mayotte; Micronesia; Mozambique; Myanmar; Oman; Pakistan; Palau; Papua New Guinea; Philippines; Qatar; Ryukyu Is.; Saudi Arabia; Seychelles; Singapore; Somalia; South Africa; Sri Lanka; Taiwan; Tanzania; Thailand; Timor-Leste; United Arab Em.; Viet Nam; Yemen				rarely	Least Concern	Unknown	2016	16.68	Lower risk
Actinopteri	Synbranchiiformes	Synbranchiidae	<i>Hipocichtys</i>	<i>Hipocichtys penicillus</i>	Beady pipefish	16	Arable; Taiwan; Thailand; United Arab Em.; Viet Nam	✓			Unspecified	Least Concern	Unknown	2016	16.68	Lower risk
Actinopteri	Esperacaria	Scorpaenidae	<i>Hippocampus</i>	<i>Hippocampus harid</i>	Candelabra parrotfish	22	Chagos Is.; Djibouti; Egypt; Eritrea; India; Indonesia; Israel; Jordan; Madagascar; Maldives; Mauritius; Mozambique; Palau; Philippines; Saudi Arabia; Seychelles; Somalia; Sri Lanka; Sudan; Tanzania; Viet Nam; Yemen				commercial	Least Concern	Unknown	2009	51.46	-
Actinopteri	Lophiiformes	Antennariidae	<i>Histrio</i>	<i>Histrio histrio</i>	Sargassumfish	50	South Africa; Sri Lanka; Taiwan; Tonga; Uruguay; USA; Viet Nam; Virgin Is. (US); NA	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2013	10	Lower risk
Actinopteri	Acanthuriformes	Pomacanthidae	<i>Holocentrus</i>	<i>Holocentrus africanus</i>	Guinean angelfish	18	Guinea-Bissau; Liberia; Niue; Sao Tome Prnc.; Senegal; Sierra Leone; Tonga	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2009	58.72	Moderate risk
Actinopteri	Acanthuriformes	Pomacanthidae	<i>Holocentrus</i>	<i>Holocentrus bermudensis</i>	Angelfish	8	Bahamas; Belize; Bermuda; Cuba; Jamaica; Mexico; Nicaragua; USA	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2009	59.71	Moderate risk
Actinopteri	Acanthuriformes	Pomacanthidae	<i>Holocentrus</i>	<i>Holocentrus ciliaris</i>	Queen angelfish	4	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Brazil; Cayman Is.; Colombia; Costa Rica; Cuba; Cura��o; Dominican Republic; French Guiana; Grenada; Guadeloupe; Guatemala; Guyana; Haiti; Honduras; Jamaica; Martinique; Mexico; Montserrat; Netherlands Antilles; Nicaragua; Panama; Puerto Rico; St Kitts Nevis; St Lucia; St Paul; Turks and Caicos; St Vincent Gren.; Suriname; Trinidad Tobago; Turks and Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (low)	None	commercial	Least Concern	Stable	2009	59.71	Moderate risk
Actinopteri	Acanthuriformes	Pomacanthidae	<i>Holocentrus</i>	<i>Holocentrus limbaughi</i>	Cliperton angelfish	1	Costa Rica	✓			rarely	Near Threatened	Stable	2009	36.65	Higher risk
Actinopteri	Acanthuriformes	Pomacanthidae	<i>Holocentrus</i>	<i>Holocentrus passer</i>	King angelfish	12	Cocos I. (C.R.); Colombia; Costa Rica; Ecuador; El Salvador; Galapagos Is.; Guatemala; Honduras; Mexico;	✓	✓ (low)	Moderate	commercial	Least Concern	Stable	2009	54.04	Moderate risk

Non-CITES-listed marine ornamental fish species (n=2105), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Taxonomy						Range States		Evidence of species in international trade	Species imported in EU and/or US (% imports)	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Extinction risk/vulnerability			Likelihood of threat from international trade
Class	Order	Family	Genus	Species	Common Name	No of native range States	List of native range States							Red List year of assessment	Vulnerability (FishBase)	Red List year of assessment	
Actinopteri	Acanthuriformes	Pomacentridae	<i>Holocentrus</i>	<i>Holocentrus tricolor</i>	Rock beauty		Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Bermuda; Brazil; Cayman Is.; Colombia; Cuba; Curaçao; I.; Dominica; Dominican Rp; French Guiana; Grenada; Guadeloupe; Guatemala; Guyana; Haiti; Jamaica; Martinique; Mexico; Montserrat; Neeth Antilles; Nicaragua; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Suriname; Trinidad Tobago; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (low)	Rare	commercial	Least Concern	Stable	2009	48.71	Moderate risk	
Actinopteri	Holocentriiformes	Holocentridae	<i>Holocentrus</i>	<i>Holocentrus adersonianus</i>	Squirrelfish		Angola; Antigua; Antigua Barbuda; Aruba; Ascension I.; Bahamas; Barbados; Belize; Bermuda; Brazil; Cayman Is.; Colombia; Costa Rica; Cuba; Curaçao; I.; Dominica; Dominican Rp; French Guiana; Grenada; Guadeloupe; Guatemala; Guyana; Haiti; Honduras; Jamaica; Martinique; Mexico; Nicaragua; Panama; Puerto Rico; Sao Tome Principe; St Helena; St Kitts Nevis; St Lucia; St Paul's Rocks; St Vincent Gren.; Suriname; Trinidad Tobago; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	None	No data	public aquariums	Least Concern	Unknown	2013	35.08	Lower risk	
Actinopteri	Holocentriiformes	Holocentridae	<i>Holocentrus</i>	<i>Holocentrus rufus</i>	Longspine squirrelfish		Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Bermuda; Brazil; Cayman Is.; Colombia; Costa Rica; Cuba; Curaçao; I.; Dominica; Dominican Rp; French Guiana; Grenada; Guadeloupe; Guatemala; Guyana; Haiti; Honduras; Jamaica; Martinique; Montserrat; Nicaragua; Panama; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Suriname; Trinidad Tobago; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	None	No data	commercial	Least Concern	Unknown	2013	19.05	Lower risk	
Actinopteri	Esperacaria	Labridae	<i>Hologymnosus</i>	<i>Hologymnosus annulatus</i>	Ring wrasse		Andaman Is.; Australia; Chagos Is.; China; Christmas I.; Cook Is.; Djibouti; Egypt; Fiji; French Polynesia; Guam; India; Indonesia; Japan; Jordan; Malaysia; Maldives; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; North Mariana; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Pitcairn; RÅrunion; Seychelles; Socotra; North Mariana; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Pitcairn; RÅrunion; Seychelles; Socotra	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2009	38.07	Moderate risk	
Actinopteri	Esperacaria	Labridae	<i>Hologymnosus</i>	<i>Hologymnosus dollatus</i>	Pastel angwrasse		Australia; Caroline I.; China; Christmas I.; Cook Is. (Keel); Cook Is.; Eritrea; Fiji; Guam; India; Indonesia; Japan; Kiribati; Lord Howe I.; Maldives; Mauritius; Micronesia; Mozambique; New Caledonia; North Mariana; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; RÅrunion; Samoa; Seychelles; Somalia; South Africa; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Viet Nam	✓	✓ (low)	None	commercial	Least Concern	Unknown	2009	47.81	Moderate risk	
Actinopteri	Esperacaria	Labridae	<i>Hologymnosus</i>	<i>Hologymnosus longipes</i>	Sidespot longface wrasse		3 Australia; New Caledonia; Vanuatu	✓	None	No data	Unspecified	Least Concern	Unknown	2009	38.07	Moderate risk	
Actinopteri	Esperacaria	Labridae	<i>Hologymnosus</i>	<i>Hologymnosus rhodnotus</i>	Redback longface wrasse		7 Australia; Indonesia; Japan; Papua New Guinea; Philippines; Ryukyu Is.; Taiwan	✓	✓ (Very low)	None	rarely	Least Concern	Unknown	2009	35.18	Moderate risk	
Actinopteri	Esperacaria	Malacanthidae	<i>Hoplostethus</i>	<i>Hoplostethus obliquus</i>	Chameleon sand tilefish		4 Indonesia; New Caledonia; Philippines; Timor-Leste	✓	✓ (low)	None	commercial	not assessed	not assessed	not assessed	2009	20.43	Lower risk
Actinopteri	Esperacaria	Malacanthidae	<i>Hoplostethus</i>	<i>Hoplostethus curacao</i>	Dusy tilefish		Australia; French Polynesia; Indonesia; Japan; Madagascar; Maldives; Marshall Is.; Mauritius; Micronesia; New Caledonia; North Mariana; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Solomon Is.; Tahiti; Timor-Leste; Tonga	✓	✓ (Very low)	None	commercial	not assessed	not assessed	not assessed	2009	23.46	Lower risk
Actinopteri	Esperacaria	Malacanthidae	<i>Hoplostethus</i>	<i>Hoplostethus fourmanoi</i>	Yellow-spotted tilefish		5 Brunei Darussalam; Indonesia; Philippines; Solomon Is.; Viet Nam	✓	None	No data	commercial	Least Concern	Unknown	2009	21.39	Lower risk	
Actinopteri	Esperacaria	Malacanthidae	<i>Hoplostethus</i>	<i>Hoplostethus fronticinctus</i>	Pastel tilefish		Andaman Is.; India; Indonesia; Maldives; Marshall Is.; Mauritius; Mayotte; Myanmar; New Caledonia; Palau; Papua New Guinea; Philippines; Solomon Is.; South Africa	✓	✓ (Very low)	None	commercial	not assessed	not assessed	not assessed	2012	27.12	Lower risk
Actinopteri	Esperacaria	Malacanthidae	<i>Hoplostethus</i>	<i>Hoplostethus litere</i>	Yellow tilefish		3 Andaman Is.; Indonesia; Solomon Is.	✓	✓ (Very low)	None	commercial	not assessed	not assessed	not assessed	2012	20.43	Lower risk
Actinopteri	Esperacaria	Malacanthidae	<i>Hoplostethus</i>	<i>Hoplostethus marcosi</i>	Redback sand tilefish		7 Indonesia; Palau; Papua New Guinea; Philippines; Solomon Is.; Timor-Leste; Tonga	✓	✓ (low)	None	commercial	not assessed	not assessed	not assessed	2012	18.38	Lower risk
Actinopteri	Esperacaria	Malacanthidae	<i>Hoplostethus</i>	<i>Hoplostethus orei</i>	Purple sand tilefish		1 Eritrea	✓	✓ (Very low)	No data	rarely	Least Concern	Unknown	2009	25.64	Lower risk	
Actinopteri	Esperacaria	Malacanthidae	<i>Hoplostethus</i>	<i>Hoplostethus papuanus</i>	Purple sand tilefish		5 Indonesia; Papua New Guinea; Philippines; Solomon Is.; Timor-Leste	✓	✓ (low)	None	commercial	not assessed	not assessed	not assessed	2009	20.43	Lower risk
Actinopteri	Esperacaria	Malacanthidae	<i>Hoplostethus</i>	<i>Hoplostethus starcki</i>	Stark's tilefish		Australia; Caroline I.; Cook Is.; French Polynesia; Guam; Indonesia; Marshall Is.; Micronesia; New Caledonia; North Mariana; Palau; Papua New Guinea; Philippines; Pitcairn; Solomon Is.; Timor-Leste; Tonga; Tuamotu Is.; Viet Nam	✓	✓ (low)	None	commercial	not assessed	not assessed	not assessed	2009	23.01	Lower risk
Actinopteri	Esperacaria	Lutjanidae	<i>Hoplogagrus</i>	<i>Hoplogagrus guentherii</i>	Mexican barred snapper		10 Colombia; Costa Rica; Ecuador; El Salvador; Galapagos Is.; Guatemala; Honduras; Mexico; Nicaragua; Panama	✓	None	No data	public aquariums	Least Concern	Unknown	2007	54.63	-	
Elasmobranchii	Myliobatiformes	Dasyatidae	<i>Hypnanus</i>	<i>Hypnanus americanus</i>	Southern stingray		Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Brazil; Cayman Is.; Colombia; Costa Rica; Cuba; Curaçao; I.; Dominica; Dominican Rp; French Guiana; Grenada; Guatemala; Guyana; Haiti; Honduras; Jamaica; Mexico; Nicaragua; Panama; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Suriname; Trinidad Tobago; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	None	No data	Unspecified	Near Threatened	Decreasing	2019	76.83	-	
Actinopteri	Perciformes/Serranoidae	Serranidae	<i>Hypoplectrus</i>	<i>Hypoplectrus aberrans</i>	Yellowbelly hamlet		12 Bahamas; Cayman Is.; Cuba; Dominican Republic; Haiti; Jamaica; Panama; Puerto Rico; Trinidad Tobago; USA; Virgin Is. (US)	✓	None	No data	rarely	Least Concern	Unknown	2012	18.38	-	
Actinopteri	Perciformes/Serranoidae	Serranidae	<i>Hypoplectrus</i>	<i>Hypoplectrus chlorurus</i>	Yellowtail hamlet		12 Bahamas; Cuba; Curaçao; I.; Grenada; Jamaica; Martinique; Mexico; Neeth Antilles; Panama; Puerto Rico; St Lucia; St Vincent Gren.; Trinidad Tobago; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	None	No data	Unspecified	Least Concern	Unknown	2012	17.89	Lower risk	
Actinopteri	Perciformes/Serranoidae	Serranidae	<i>Hypoplectrus</i>	<i>Hypoplectrus floridanus</i>	Florida hamlet		1 USA	✓	None	No data	rarely	Least Concern	Unknown	2014	16.89	-	
Actinopteri	Perciformes/Serranoidae	Serranidae	<i>Hypoplectrus</i>	<i>Hypoplectrus gemma</i>	Blue hamlet		2 Mexico; USA	✓	✓ (Very low)	Captive bred (not for retail)	rarely	Least Concern	Unknown	2012	17.71	Lower risk	
Actinopteri	Perciformes/Serranoidae	Serranidae	<i>Hypoplectrus</i>	<i>Hypoplectrus guamensis</i>	Golden hamlet		9 Bahamas; Cayman Is.; Cuba; Dominican Rp; Honduras; Jamaica; Nicaragua; Puerto Rico; Trinidad Tobago; Anguilla; Antigua Barbuda; Bahamas; Barbados; Cayman Is.; Cuba; Dominican Republic; Grenada; Guadeloupe; Haiti; Honduras; Jamaica; Martinique; Montserrat; Nicaragua; Panama; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Trinidad Tobago; USA; Virgin Is. (UK); Virgin Is. (US)	✓	None	No data	commercial	Least Concern	Unknown	2012	19.04	Lower risk	
Actinopteri	Perciformes/Serranoidae	Serranidae	<i>Hypoplectrus</i>	<i>Hypoplectrus guttavatus</i>	Shy hamlet		24 Trinidad Tobago; USA; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (Very low)	Captive bred (not for retail)	commercial	Least Concern	Unknown	2012	18.38	Lower risk	
Actinopteri	Perciformes/Serranoidae	Serranidae	<i>Hypoplectrus</i>	<i>Hypoplectrus indigo</i>	Indigo hamlet		13 USA; Virgin Is. (UK)	✓	✓ (Very low)	None	commercial	Least Concern	Unknown	2012	20.79	Lower risk	
Actinopteri	Perciformes/Serranoidae	Serranidae	<i>Hypoplectrus</i>	<i>Hypoplectrus liberte</i>	Striped hamlet		1 Haiti	✓	None	No data	rarely	Endangered	Decreasing	2018	15.01	-	
Actinopteri	Perciformes/Serranoidae	Serranidae	<i>Hypoplectrus</i>	<i>Hypoplectrus maculifrons</i>	Spotted hamlet		1 Cuba	✓	None	No data	rarely	Data Deficient	Unknown	2014	19.03	-	
Actinopteri	Perciformes/Serranoidae	Serranidae	<i>Hypoplectrus</i>	<i>Hypoplectrus nigricans</i>	Black hamlet		Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Cayman Is.; Costa Rica; Cuba; Curaçao; I.; Dominican Republic; Grenada; Guadeloupe; Guatemala; Haiti; Honduras; Jamaica; Mexico; Montserrat; Nicaragua; Panama; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Trinidad Tobago; USA; Virgin Is. (UK); Virgin Is. (US)	✓	None	No data	commercial	Least Concern	Unknown	2012	21.69	Lower risk	
Actinopteri	Perciformes/Serranoidae	Serranidae	<i>Hypoplectrus</i>	<i>Hypoplectrus providencianus</i>	Masked Hamlet		1 Colombia	✓	None	No data	rarely	Least Concern	Unknown	2012	19.03	-	
Actinopteri	Perciformes/Serranoidae	Serranidae	<i>Hypoplectrus</i>	<i>Hypoplectrus psaffa</i>	Barred hamlet		Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Bermuda; Cayman Is.; Colombia; Costa Rica; Cuba; Curaçao; I.; Dominica; Dominican Rp; Grenada; Guadeloupe; Guatemala; Haiti; Honduras; Jamaica; Martinique; Mexico; Montserrat; Nicaragua; Panama; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Trinidad Tobago; Turks and Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	None	No data	commercial	Least Concern	Unknown	2012	21.69	Lower risk	
Actinopteri	Perciformes/Serranoidae	Serranidae	<i>Hypoplectrus</i>	<i>Hypoplectrus sandilorum</i>	Tan Hamlet		1 Barbados	✓	None	No data	rarely	Least Concern	Unknown	2012	13.79	-	
Actinopteri	Perciformes/Serranoidae	Serranidae	<i>Hypoplectrus</i>	<i>Hypoplectrus unicolor</i>	Butter hamlet		Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Cayman Is.; Colombia; Costa Rica; Cuba; Curaçao; I.; Dominican Republic; Grenada; Guadeloupe; Guatemala; Haiti; Honduras; Jamaica; Martinique; Mexico; Montserrat; Nicaragua; Panama; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Trinidad Tobago; Turks and Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	Captive bred (not for retail)	commercial	Least Concern	Unknown	2012	17.89	Lower risk		
Actinopteri	Bleniiformes	Bleniidae	<i>Hypsoblennius</i>	<i>Hypsoblennius brevirostris</i>	Barnacleblenny		22 Nicaragua; Panama; Peru	✓	None	No data	commercial	Least Concern	Unknown	2007	22.52	-	
Actinopteri	Bleniiformes	Bleniidae	<i>Hypsoblennius</i>	<i>Hypsoblennius caudipes</i>	Tilghead blenny		6 Colombia; Costa Rica; Ecuador; Nicaragua; Panama; Peru	✓	None	No data	rarely	Data Deficient	Unknown	2007	19.55	Lower risk	
Actinopteri	Bleniiformes	Bleniidae	<i>Hypsoblennius</i>	<i>Hypsoblennius eustochius</i>	Longhorn blenny		4 Bahamas; Barbados; Cuba; Jamaica	✓	✓ (Very low)	None	rarely	Least Concern	Unknown	2007	10	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	<i>Hypogobius</i>	<i>Hypogobius rubicundus</i>	Garibaldi damselfish		2 Mexico; USA	✓	✓ (Very low)	Captive bred (not for retail)	rarely	Least Concern	Unknown	2007	51.02	Moderate risk	
Actinopteri	Esperacaria	Labridae	<i>Itistius</i>	<i>Itistius antenensis</i>	Yellowblotch razorfish		American Samoa; Australia; Chagos Is.; China; Christmas I.; Cook Is. (Keel); Guam; Hawaii; Indonesia; Japan; Lord Howe I.; Maldives; Marshall Is.; Micronesia; New Caledonia; North Mariana; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Taiwan; Vanuatu	✓	None	No data	commercial	Least Concern	Unknown	2009	31.13	-	
Actinopteri	Esperacaria	Labridae	<i>Itistius</i>	<i>Itistius pavo</i>	Peacock wrasse		Andaman Is.; Australia; Chagos Is.; China; Christmas I.; Cook Is. (Keel); Costa Rica; Egypt; El Salvador; French Polynesia; Galapagos Is.; Guam; Guatemala; Hawaii; Honduras; Hong Kong; India; Indonesia; Israel; Japan; Jordan; Lord Howe I.; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; Nicaragua; North Mariana; Ogasawara Is.; Oman; Palau; Panama; Papua New Guinea; Philippines; Pitcairn; RÅrunion; Ryukyu Is.; Sri Lanka; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Viet Nam	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2009	40.08	Moderate risk	
Actinopteri	Esperacaria	Labridae	<i>Itistius</i>	<i>Itistius pentadactylus</i>	Fivefinger wrasse		26 Seychelles; Somalia; South Africa; Sri Lanka; Sudan; Tahiti; Taiwan; Tanzania; Thailand; Vanuatu	✓	None	No data	commercial	Least Concern	Unknown	2009	31.86	Moderate risk	
Actinopteri	Esperacaria	Labridae	<i>Itistius</i>	<i>Itistius umbrilatus</i>	Razor wrasse fish		1 Hawaii	✓	None	No data	commercial	Least Concern	Unknown	2009	31.89	-	
Actinopteri	Perciformes/Scorpaenoidae	Syngnathidae	<i>Ixichthys</i>	<i>Ixichthys dactylus</i>	Bearded ghou		Andaman Is.; Australia; Cambodia; China; Fiji; Indonesia; Japan; Malaysia; Micronesia; New Caledonia; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Singapore; Solomon Is.; Taiwan; Thailand; Vanuatu; Viet Nam	✓	None	No data	commercial	not assessed	not assessed	not assessed	2013	35.16	Moderate risk
Actinopteri	Perciformes/Scorpaenoidae	Syngnathidae	<i>Ixichthys</i>	<i>Ixichthys filamentosus</i>	Two-stick stringfish		8 Egypt; Madagascar; Maldives; Mauritius; RÅrunion; Saudi Arabia; Seychelles; Tanzania	✓	✓ (Very low)	None	rarely	Least Concern	Unknown	2013	43.16	Lower risk	
Actinopteri	Bleniiformes	Bleniidae	<i>Istiblennius</i>	<i>Istiblennius cole</i>	Cole's rockskipper		1 Philippines	✓	None	No data	rarely	Least Concern	Unknown	2009	26.28	-	
Actinopteri	Bleniiformes	Bleniidae	<i>Istiblennius</i>	<i>Istiblennius dussumieri</i>	Streaky rockskipper		Andaman Is.; Australia; China; Comoros; Fiji; Hong Kong; India; Indonesia; Japan; Kenya; Korea (South); Madagascar; Maldives; Mauritius; Mozambique; Myanmar; New Caledonia; Norfolk I.; Pakistan; Palau; Papua New Guinea; Philippines; RÅrunion; Seychelles; South Africa; Sri Lanka; Taiwan; Thailand; Timor-Leste	✓	None	No data	rarely	Least Concern	Stable	2009	22.52	Lower risk	
Actinopteri	Bleniiformes	Bleniidae	<i>Istiblennius</i>	<i>Istiblennius edentulus</i>	Rippled rockskipper		American Samoa; Andaman Is.; Australia; Cargados Carajao; Caroline I.; Chagos Is.; China; Christmas I.; Cook Is. (Keel); Comoros; Cook Is.; Djibouti; Egypt; Eritrea; Fiji; French Polynesia; Guam; India; Indonesia; Israel; Japan; Jordan; Kenya; Kiribati; Korea (South); Lord Howe I.; Madagascar; Malaysia; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Micronesia; Mozambique; Myanmar; New Caledonia; Niue; Norfolk I.; North Mariana; Ogasawara Is.; Oman; Pakistan; Palau; Papua New Guinea; Philippines; Pitcairn; RÅrunion; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Solomon Is.; Somalia; South Africa; Sri Lanka; Sudan; Tahiti; Taiwan; Tanzania; Thailand; Timor-Leste; Tokelau; Tonga; Tuamotu Is.; US Minor Is.; Vanuatu; Wake I.	✓	None	No data	commercial	Least Concern	Stable	2009	26.31	Lower risk	

Non-CITES-listed marine ornamental fish species (n=2105), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Class	Order	Taxonomy				Common Name	No of native range States	Range States List of native range States	Evidence of species in International trade	Species Imported in EU and/or UK (%) Imports	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Red List year of assessment	Extinction risk/vulnerability	
		Family	Genus	Species	Vulnerability (FishBase)											Likelihood of threat from International trade	
Actinopteri	Blenniiformes	Blenniidae	<i>Istiblennius</i>	<i>Istiblennius lineatus</i>	Lined rockskipper	1	American Samoa, Andaman Is., Australia, Caroline I., China, Christmas I., Cook Is., Fiji, French Polynesia, Guam, India, Indonesia, Israel, Japan, Kiribati, Maldives, Marshall Is., Myanmar, New Caledonia, New North Marianas, Oman, Palau, Papua New Guinea, Philippines, Pitcairn, Ryukyu Is., Samoa, Solomon Is., Sri Lanka, 40 Tahiti, Taiwan, Thailand, Tokelau, Tonga, Tuamotu Is., Tuvalu, US Minor Is., Vanuatu			No data	commercial	Least Concern	Stable	2009	25.07	-	
Actinopteri	Blenniiformes	Blenniidae	<i>Istiblennius</i>	<i>Istiblennius zebra</i>	Zebra Blenny	1	Andaman Is.; Australia; Bahrain; Cargados Carajoss; Chagos Is.; Christmas I.; Comoros; Egypt; Fiji; Guam; Hong Kong; Indonesia; Israel; Jordan; Lord Howe I.; Madagascar; Maldives; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; Oman; Palau; Papua New Guinea; Philippines; Qatar; RÅFunun; Rodrigues; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Socotra Arch.; Solomon Is.; South Africa; Sri Lanka; Taiwan; Timor-Leste; 44 Tonga; United Arab Em.; Viet Nam; Yemen	✓	✓ (low)	No data	commercial	Least Concern	Stable	2009	35.05	-	
Actinopteri	Gobiiformes	Gobiidae	<i>Istigobius</i>	<i>Istigobius decoratus</i>	Decorated goby	13	Australia; Fiji; Indonesia; Japan; Micronesia; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Taiwan; Timor-Leste; Tonga; Viet Nam			No data	commercial	Least Concern	Stable	2020	10.89	-	
Actinopteri	Gobiiformes	Gobiidae	<i>Istigobius</i>	<i>Istigobius goldmani</i>	Goldman's goby	43	American Samoa; Andaman Is.; Australia; Cambodia; China; Egypt; Eritrea; Fiji; Guam; Hong Kong; India; Indonesia; Japan; Kenya; Kuwait; Madagascar; Malaysia; Marquesas Is.; Marshall Is.; Micronesia; Mozambique; Myanmar; New Caledonia; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Singapore; Socotra Arch.; Solomon Is.; Sri Lanka; Taiwan; Thailand; Timor-Leste; Tonga; Vanuatu; Viet Nam; Yemen	✓	✓ (low)	Captive bred (not for retail)	commercial	Least Concern	Unknown	2016	20.43	Lower risk	
Actinopteri	Acanthuriformes	Chaetodontidae	<i>Johranda</i>	<i>Johranda nigrostris</i>	Blacknosed butterflyfish	12	Cocos I. (C.R.); Colombia; Costa Rica; Ecuador; El Salvador; Galapagos Is.; Guatemala; Honduras; Mexico; Nicaragua; Panama; Peru	✓	✓ (very low)	None	commercial	Least Concern	Stable	2009	15.01	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	<i>Koumansetta</i>	<i>Koumansetta hectori</i>	Hector's goby	18	Caldonia; Palau; Philippines; Ryukyu Is.; Seychelles; Taiwan; Tanzania; Wake I.	✓	✓ (low)	Captive bred (not for retail)	commercial	Least Concern	Unknown	2015	19.49	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	<i>Koumansetta</i>	<i>Koumansetta rainfordi</i>	Old goby	12	Philippines; Tonga; Viet Nam	✓	✓ (low)	Moderate	commercial	Least Concern	Unknown	2015	19.49	Lower risk	
Actinopteri	Trachichthyiformes	Anomalopidae	<i>Kryptoharodon</i>	<i>Kryptoharodon affinis</i>	Atlantic flashlightfish	11	Bahamas; Cayman Is.; Cuba; Curaçao I.; Dominican Rp; Haiti; Honduras; Jamaica; Puerto Rico; Virgin Is. (UK); Virgin Is. (US)			No data	commercial	Least Concern	Unknown	2014	10	-	
Actinopteri	Centrarchiformes	Kuhliidae	<i>Kuhlia</i>	<i>Kuhlia muigi</i>	Barred flagtail	72	American Samoa; Andaman Is.; Australia; Chagos Is.; China; Christmas I.; Clipperton I.; Cocos I. (C.R.); Cocos Is. (Keel); Colombia; Comoros; Cook Is.; Costa Rica; Ecuador; Egypt; El Salvador; Fiji; French Polynesia; Galapagos Is.; Guam; Guatemala; Honduras; India; Indonesia; Israel; Japan; Jordan; Kenya; Kermadec Is.; Korea (South); Lord Howe I.; Madagascar; Maldives; Marshall Is.; Mauritius; Mexico; Micronesia; Mozambique; New Caledonia; Niue; Norfolk I.; North Marianas; Ogasawara Is.; Oman; Palau; Panama; Philippines; RÅFunun; Revillagigedo; Rodrigues; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Socotra Arch.; Solomon Is.; Somalia; South Africa; Sri Lanka; Sudan; Tahiti; Taiwan; Tanzania; Thailand; Tokelau; Tonga; Tuamotu Is.; Vanuatu; Viet Nam; Yemen	✓		Captive bred (not for retail)	public aquariums	Least Concern	Unknown	2011	53.72	Moderate risk	
Actinopteri	Centrarchiformes	Kyphosidae	<i>Kyphosus</i>	<i>Kyphosus bigibbus</i>	Brown chub	42	Tanzania; Viet Nam; Wake I.; Yemen			No data	commercial	Least Concern	Unknown	2014	55.67	-	
Actinopteri	Centrarchiformes	Kyphosidae	<i>Kyphosus</i>	<i>Kyphosus incisus</i>	Yellow sea chub	37	Angola; Antigua Barbuda; Argentina; Aruba; Bahamas; Barbados; Belize; Bermuda; Brazil; Cape Verde; Cayman Is.; Colombia; Costa Rica; Cuba; Curaçao I.; Dominica; Dominican Rp; French Guiana; Grenada; Guatemala; Guyana; Haiti; Honduras; Jamaica; Madeira Is.; Mexico; Nicaragua; Panama; Puerto Rico; Sao Tome Prnc; Sri Lanka; St Lucia; St Vincent Gren; Suriname; Trinidad Tobago; Uruguay; USA; Venezuela	✓		No data	rarely	not assessed	not assessed	not assessed	66.02	Higher risk	
Actinopteri	Centrarchiformes	Kyphosidae	<i>Kyphosus</i>	<i>Kyphosus secastris</i>	Bermuda sea chub	10	Algeria; Angola; Anguilla; Antigua Barbuda; Aruba; Ascension I.; Azores Is.; Bahamas; Barbados; Belize; Bermuda; Brazil; Cameroon; Canada; Canary Is.; Cape Verde; Cayman Is.; Colombia; Costa Rica; Cuba; Curaçao I.; Dominica; Dominican Rp; France; French Guiana; Grenada; Guadeloupe; Guatemala; Guinea-Bissau; Guyana; Haiti; Honduras; Italy; Jamaica; Madeira Is.; Martinique; Mexico; Montserrat; Morocco; Nicaragua; Panama; Portugal; Reunion; Sao Tome Prnc; Spain; St Helena; St Kitts Nevis; St Lucia; St Paul's Rocks; St Vincent Gren; Suriname; Trinidad; 59 M Vaz Is.; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓		No data	public aquariums	Least Concern	Stable	2012	56.47	Lower risk	
Actinopteri	Ovalentaria	Pseudochromidae	<i>Labracinus</i>	<i>Labracinus cyclophthalmus</i>	Fire-tail devil	1	Australia; China; Indonesia; Japan; Papua New Guinea; Philippines; Ryukyu Is.; Taiwan; Thailand; Viet Nam	✓	✓ (very low)	Captive bred (not for retail)	commercial	Least Concern	Unknown	2022	31.5	Lower risk	
Actinopteri	Ovalentaria	Pseudochromidae	<i>Labracinus</i>	<i>Labracinus lineatus</i>	Lined dotback	1	Australia	✓		Captive bred (not for retail)	commercial	Least Concern	Unknown	2022	32.37	Lower risk	
Actinopteri	Esperacaria	Labridae	<i>Labrichthys</i>	<i>Labrichthys unilineatus</i>	Tubelip wrasse	30	American Samoa; Andaman Is.; Australia; China; Christmas I.; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Cook Is.; French Polynesia; Guam; Indonesia; Japan; Kiribati; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; North Marianas; Palau; Papua New Guinea; Philippines; Pitcairn; RÅFunun; Samoa; Seychelles; Taiwan; Tanzania; Timor-Leste; Tonga; US Minor Is.; Viet Nam	✓		No data	commercial	Least Concern	Unknown	2009	26.31	Lower risk	
Actinopteri	Blenniiformes	Labrisomidae	<i>Labrisomus</i>	<i>Labrisomus nuchipitris</i>	Hairy blenny	51	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Benin; Bermuda; Brazil; Cameroon; Canary Is.; Cape Verde; Cayman Is.; Colombia; Cook Is.; Cuba; Curaçao I.; Dominica; Dominican Rp; Eq Guinea; Gambia; Ghana; Grenada; Guadeloupe; Guinea; Guinea-Bissau; Haiti; Honduras; Jamaica; Liberia; Madeira Is.; Martinique; Mauritania; Montserrat; Nigeria; Puerto Rico; Sao Tome Prnc; Senegal; Sierra Leone; St Kitts Nevis; St Lucia; St Vincent Gren; Togo; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US); West Sahara	✓		No data	commercial	Least Concern	Unknown	2007	11.94	Lower risk	
Actinopteri	Blenniiformes	Labrisomidae	<i>Labrisomus</i>	<i>Labrisomus xanti</i>	Largemouth blenny	2	Ecuador; Mexico	✓		No data	Unspecified	Least Concern	Unknown	2007	10	Lower risk	
Actinopteri	Esperacaria	Labridae	<i>Labroides</i>	<i>Labroides bicolor</i>	Bicolor cleaner wrasse	45	American Samoa; Andaman Is.; Australia; Caroline I.; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Cook Is.; French Polynesia; Guam; Hong Kong; India; Indonesia; Israel; Japan; Jordan; Kenya; Kiribati; Korea (South); Kuwait; Lord Howe I.; Madagascar; Malaysia; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; Niue; Norfolk I.; North Marianas; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Pitcairn; Qatar; RÅFunun; Samoa; Saudi Arabia; Seychelles; Socotra Arch.; Somalia; South Africa; Sri Lanka; Sudan; Tahiti; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Vanuatu; Viet Nam; Wake I.; Yemen	✓	✓ (low)	None	commercial	Least Concern	Unknown	2009	24.31	Lower risk	
Actinopteri	Esperacaria	Labridae	<i>Labroides</i>	<i>Labroides dimidiatus</i>	Bluestreak cleaner wrasse	66	American Samoa; Andaman Is.; Australia; Bahrain; Cambodia; Caroline I.; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Comoros; Cook Is.; Egypt; French Polynesia; Guam; Hong Kong; India; Indonesia; Israel; Japan; Jordan; Kenya; Kiribati; Korea (South); Kuwait; Lord Howe I.; Madagascar; Malaysia; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; Niue; Norfolk I.; North Marianas; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Pitcairn; Qatar; RÅFunun; Samoa; Saudi Arabia; Seychelles; Socotra Arch.; Somalia; South Africa; Sri Lanka; Sudan; Tahiti; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Vanuatu; Viet Nam; Wake I.; Yemen	✓	✓ (high)	Rare	commercial	Least Concern	Unknown	2008	23.67	Lower risk	
Actinopteri	Esperacaria	Labridae	<i>Labroides</i>	<i>Labroides pectoralis</i>	Blackspot cleaner wrasse	21	Australia; Wake I.	✓	✓ (low)	None	commercial	Least Concern	Unknown	2008	19.9	Lower risk	
Actinopteri	Esperacaria	Labridae	<i>Labroides</i>	<i>Labroides philliphagos</i>	Hawaiian cleaner wrasse	2	Hawaii; Johnston I.	✓	✓ (very low)	Captive bred (not for retail)	commercial	Least Concern	Unknown	2009	21.39	Lower risk	
Actinopteri	Esperacaria	Labridae	<i>Labroides</i>	<i>Labroides rubrolabialis</i>	Redlip cleaner wrasse	11	Tuamotu Is.	✓		No data	commercial	Least Concern	Unknown	2009	15.39	Lower risk	
Actinopteri	Esperacaria	Labridae	<i>Labropis</i>	<i>Labropis alleni</i>	Aller's tubelip	12	Fiji; Indonesia; Marshall Is.; Micronesia; New Caledonia; Palau; Papua New Guinea; Philippines; Solomon Is.; Timor-Leste; Vanuatu; Viet Nam	✓		No data	commercial	Least Concern	Unknown	2009	17.67	Lower risk	
Actinopteri	Esperacaria	Labridae	<i>Labropis</i>	<i>Labropis australis</i>	Southern tubelip	11	Australia; Fiji; Lord Howe I.; New Caledonia; Papua New Guinea; Philippines; Samoa; Solomon Is.; Tonga; Vanuatu; Viet Nam	✓		No data	Unspecified	Least Concern	Unknown	2009	18.58	-	
Actinopteri	Esperacaria	Labridae	<i>Labropis</i>	<i>Labropis manabei</i>	Northern tubelip	10	Australia; China; Indonesia; Japan; Ogasawara Is.; Papua New Guinea; Philippines; Ryukyu Is.; Taiwan; Timor-Leste	✓		No data	commercial	Least Concern	Unknown	2009	22.42	Lower risk	
Actinopteri	Esperacaria	Labridae	<i>Labropis</i>	<i>Labropis micronesica</i>	Micronesian wrasse	5	Guam; Marshall Is.; Micronesia; North Marianas; Palau; Viet Nam	✓	✓ (very low)	No data	commercial	Least Concern	Unknown	2009	21.39	Lower risk	
Actinopteri	Esperacaria	Labridae	<i>Labropis</i>	<i>Labropis polymerica</i>		5	Cook Is.; French Polynesia; Pitcairn; Tahiti; Tuamotu Is.	✓		No data	Unspecified	Least Concern	Unknown	2009	16.55	-	
Actinopteri	Esperacaria	Labridae	<i>Labropis</i>	<i>Labropis xanthonota</i>	Yellowback tubelip	26	American Samoa; Australia; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Guam; Indonesia; Japan; Kenya; Maldives; Marshall Is.; Mauritius; Micronesia; New Caledonia; North Marianas; Ogasawara Is.; Palau; Papua New Guinea; Philippines; RÅFunun; Samoa; Seychelles; Solomon Is.; Tanzania; Timor-Leste; Tonga	✓	✓ (very low)	None	commercial	Least Concern	Unknown	2009	22.77	Lower risk	
Actinopteri	Esperacaria	Labridae	<i>Labrus</i>	<i>Labrus bergylla</i>	Ballan wrasse	17	Azores Is.; Belgium; Canary Is.; Denmark; France; Germany; Ireland; Isle of Man; Madeira Is.; Morocco; Netherlands; Norway; Poland; Portugal; Spain; Sweden; UK			No data	commercial	Least Concern	Unknown	2008	66.55	Moderate risk	
Actinopteri	Esperacaria	Labridae	<i>Labrus</i>	<i>Labrus merula</i>	Brown wrasse	26	Turkey			No data	commercial	Least Concern	Stable	2008	44.23	Moderate risk	
Actinopteri	Esperacaria	Labridae	<i>Labrus</i>	<i>Labrus mixtus</i>	Cuckoo wrasse	30	Albania; Algeria; Belgium; Bosnia Herzegov.; Croatia; Denmark; Egypt; France; Germany; Gibraltar; Greece; Ireland; Italy; Libya; Madeira Is.; Malta; Mauritania; Monaco; Montenegro; Morocco; Netherlands; Norway; Portugal; Senegal; Slovenia; Spain; Sweden; Tunisia; Turkey; UK			No data	public aquariums	Least Concern	Stable	2008	66.58	Moderate risk	
Actinopteri	Esperacaria	Labridae	<i>Lachnolaimus</i>	<i>Lachnolaimus maximus</i>	Hogfish	39	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Bermuda; Canada; Cayman Is.; Colombia; Costa Rica; Cuba; Curaçao I.; Dominica; Dominican Rp; French Guiana; Grenada; Guadeloupe; Guatemala; Guyana; Haiti; Honduras; Jamaica; Martinique; Mexico; Montserrat; Nicaragua; Panama; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren; Suriname; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (very low)	Captive bred (not for retail)	commercial	Vulnerable	Decreasing	2009	67.1	Higher risk	

Non-CITES-listed marine ornamental fish species (n=2105), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Taxonomy						Range States		Evidence of species in International trade				Extinction risk/vulnerability				
Class	Order	Family	Genus	Species	Common Name	No of native range States	List of native range States	Evidence of species in International trade	Species imported in EU and/or US (%) Imports	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Red List year of assessment	Vulnerability (FishBase)	Likelihood of threat from International Trade
Actinopteri	Tetraodontiformes	Ostraciidae	Lactophrys	<i>Lactophrys bicaudalis</i>	Spotted trunkfish	39	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Bermuda; Brazil; Cayman Is.; Colombia; Costa Rica; Cuba; Curaçao I.; Dominica; Dominican Rp.; French Guiana; Grenada; Guadeloupe; Guatemala; Guyana; Haiti; Honduras; Jamaica; Martinique; Mexico; Montserrat; Nicaragua; Panama; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Suriname; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	No data	commercial	Least Concern	Unknown	2011	25.46	Lower risk	
Actinopteri	Tetraodontiformes	Ostraciidae	Lactophrys	<i>Lactophrys trioceros</i>	Buffalo trunkfish	38	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Bermuda; Brazil; Canada; Cayman Is.; Colombia; Costa Rica; Cuba; Curaçao I.; Dominica; Dominican Rp.; French Guiana; Grenada; Guadeloupe; Guatemala; Guyana; Haiti; Honduras; Jamaica; Mexico; Montserrat; Nicaragua; Panama; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Suriname; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	No data	commercial	Least Concern	Unknown	2011	31.74	Moderate risk	
Actinopteri	Tetraodontiformes	Ostraciidae	Lactophrys	<i>Lactophrys triquetra</i>	Smooth trunkfish	41	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Bermuda; Brazil; Canada; Cayman Is.; Colombia; Costa Rica; Cuba; Curaçao I.; Dominica; Dominican Rp.; French Guiana; Grenada; Guadeloupe; Guatemala; Guyana; Haiti; Honduras; Jamaica; Martinique; Mexico; Montserrat; Neeth Antilles; Nicaragua; Panama; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Suriname; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	No data	commercial	Least Concern	Unknown	2011	25.02	Lower risk	
Actinopteri	Tetraodontiformes	Ostraciidae	Lactoria	<i>Lactoria cornuta</i>	Longhorn cowfish	41	American Samoa; Andaman Is.; Australia; China; French Polynesia; Guam; Hong Kong; India; Indonesia; Japan; Kenya; Korea (South); Lord Howe I.; Madagascar; Malaysia; Maldives; Marquesas Is.; Mauritius; Micronesia; Mozambique; New Caledonia; North Marianas; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Réunion; Samoa; Seychelles; Somalia; South Africa; Sri Lanka; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuvalu; Vanuatu; Viet Nam	✓ (low)	Rare	commercial	not assessed	not assessed	not assessed	23.83	Lower risk	
Actinopteri	Tetraodontiformes	Ostraciidae	Lactoria	<i>Lactoria diaphana</i>	Roundbelly cowfish	6	Peru; Philippines; Pitcairn; South Africa; Taiwan; Tonga; USA	✓ (Very low)	No data	commercial	not assessed	not assessed	not assessed	18.08	Lower risk	
Actinopteri	Tetraodontiformes	Ostraciidae	Lactoria	<i>Lactoria fornasini</i>	Thornback cowfish	20	Africa; Taiwan	✓	✓ (Very low)	No data	commercial	not assessed	not assessed	not assessed	11.94	Lower risk
Actinopteri	Tetraodontiformes	Tetraodontidae	Lagocephalus	<i>Lagocephalus lunaris</i>	Lunartail puffer	25	Andaman Is.; Australia; Bahrain; China; Hong Kong; India; Indonesia; Iran; Iraq; Japan; Korea (South); Kuwait; Malaysia; Mauritius; Oman; Palau; Papua New Guinea; Philippines; Qatar; Saudi Arabia; Socotra Arch.; South Africa; Taiwan; Thailand; United Arab Em.; Viet Nam	✓	No data	commercial	Least Concern	Unknown	2011	41.73	-	
Actinopteri	Tetraodontiformes	Tetraodontidae	Lagocephalus	<i>Lagocephalus scleratus</i>	Silver-cheeked toadfish	34	American Samoa; Andaman Is.; Australia; Bahrain; China; Hong Kong; India; Indonesia; Japan; Jordan; Korea (South); Kuwait; Madagascar; Malaysia; Maldives; Mauritius; Mozambique; New Caledonia; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Qatar; Réunion; Samoa; Saudi Arabia; Socotra Arch.; South Africa; Taiwan; Thailand; Tonga; United Arab Em.; Viet Nam	✓	No data	commercial	Least Concern	Unknown	2011	70.51	-	
Actinopteri	Blennioformes	Blenniidae	<i>Leipogonathus</i>	<i>Leipogonathus multilineatus</i>	Spotty blenny	9	Australia; Indonesia; Japan; Mozambique; Papua New Guinea; Philippines; Solomon Is.; Taiwan; Viet Nam	✓	No data	commercial	Least Concern	Stable	2009	10	-	
Actinopteri	Eupercaria	Labridae	<i>Larabicus</i>	<i>Larabicus quadrilineatus</i>	Fourline wrasse	5	Egypt; Eritrea; Jordan; Somalia; Yemen	✓	None	rarely	Data Deficient	Unknown	2009	20.99	Higher risk	
Actinopteri	Kuriformes	Apogonidae	<i>Lepidamia</i>	<i>Lepidamia multitaeniata</i>	Smallscale cardinal	2	Djibouti; Jordan	✓	No data	Unspecified	not assessed	not assessed	not assessed	15.77	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	<i>Leptocryptus</i>	<i>Leptocryptus taeniocoma</i>	Fuclier damselfish	30	Australia; Caroline I.; Chagos Is.; Christmas I.; French Polynesia; Guam; India; Indonesia; Japan; Kiribati; Madagascar; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Micronesia; New Caledonia; North Marianas; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Seychelles; South Africa; Tanzania; Thailand; Timor-Leste; Tonga; Tuvalu; Vanuatu; Viet Nam	✓	No data	commercial	Least Concern	Unknown	2022	21.88	Lower risk	
Actinopteri	Eupercaria	Labridae	<i>Leptogobius</i>	<i>Leptogobius chrysoptera</i>	Ochreband wrasse	8	India; Indonesia; Sri Lanka; Thailand	✓	✓ (Very low)	No data	rarely	Least Concern	Unknown	2009	19.9	Lower risk
Actinopteri	Eupercaria	Labridae	<i>Leptogobius</i>	<i>Leptogobius cyanoleuca</i>	Shoulder-spot wrasse	16	Solomon Is.; Sri Lanka; Taiwan; Thailand; Timor-Leste; Viet Nam	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2009	22.77	Lower risk
Actinopteri	Eupercaria	Scorpaenidae	<i>Leptocottus</i>	<i>Leptocottus virginicus</i>	Marbled parrotfish	9	Australia; Caroline I.; Chagos Is.; Christmas I.; French Polynesia; Guam; India; Indonesia; Japan; Kiribati; Madagascar; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Micronesia; New Caledonia; North Marianas; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Seychelles; South Africa; Tanzania; Thailand; Timor-Leste; Tonga; Tuvalu; Vanuatu; Viet Nam; Wallis Futuna; Yemen	✓	No data	commercial	Least Concern	Unknown	2009	24.71	-	
Actinopteri	Perciformes/Scorpaenidae	Licorphanidae	<i>Licorphanus</i>	<i>Licorphanus propeusum</i>	Blackspot waspfish	1	Australia	✓	No data	commercial	not assessed	not assessed	not assessed	34.46	-	
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Ligogomus</i>	<i>Ligogomus africanus</i>	African basslet	9	Chagos Is.; Comoros; Djibouti; Indonesia; Kenya; Maldives; Mozambique; Seychelles; Tanzania	✓	✓ (Very low)	None	Unspecified	Least Concern	Unknown	2017	12.01	Lower risk
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Ligogomus</i>	<i>Ligogomus cambari</i>	Candy basslet	10	Aruba; Bahamas; Barbados; Belize; Bermuda; Colombia; Cuba; Curaçao I.; Neeth Antilles; Puerto Rico; USA; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (Very low)	Rare	Unspecified	Least Concern	Unknown	2012	10	Lower risk
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Ligogomus</i>	<i>Ligogomus collettei</i>	Collette's basslet	2	Hawaii; Indonesia; Johnston I.; Papua New Guinea; Philippines	✓	✓ (Very low)	None	Unspecified	Least Concern	Unknown	2015	11.03	Lower risk
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Ligogomus</i>	<i>Ligogomus collettei</i>	Wrasse bass	2	Mexico; USA	✓	No data	Unspecified	Least Concern	Unknown	2022	16.58	Unknown	
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Ligogomus</i>	<i>Ligogomus fasciatus</i>	Wrasse assi bass	3	Galapagos Is.; Peru; USA	✓	No data	rarely	Least Concern	Unknown	2006	12.01	Lower risk	
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Ligogomus</i>	<i>Ligogomus mowbrayi</i>	Cave bass	12	Virgin Is. (US)	✓	✓ (Very low)	None	rarely	Least Concern	Unknown	2012	12.93	Lower risk
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Ligogomus</i>	<i>Ligogomus multilineatus</i>	Mayline perch	8	Australia; Fiji; Indonesia; Micronesia; Palau; Papua New Guinea; Philippines; Solomon Is.	✓	None	Unspecified	Least Concern	Unknown	2015	12.01	Lower risk	
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Ligogomus</i>	<i>Ligogomus ruber</i>	Peppermint bass	29	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Cayman Is.; Colombia; Cuba; Curaçao I.; Dominica; Dominican Rp.; Grenada; Guadeloupe; Haiti; Jamaica; Martinique; Mexico; Montserrat; Neeth Antilles; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (Very low)	Captive bred (not for retail)	commercial	Least Concern	Unknown	2012	14.21	Lower risk
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Ligogomus</i>	<i>Ligogomus susumi</i>	Meteor perch	33	Sudan; Taiwan; Tonga; Vanuatu	✓	✓ (Very low)	No data	Unspecified	Least Concern	Unknown	2015	12.93	Lower risk
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Ligogomus</i>	<i>Ligogomus awalei</i>	Swales' basslet	4	Indonesia; Papua New Guinea; Philippines; Vanuatu	✓	✓ (low)	None	Unspecified	Least Concern	Unknown	2015	10	Lower risk
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Ligogomus</i>	<i>Ligogomus forsterium</i>	Redfired basslet	12	American Samoa; Christmas I.; Fiji; French Polynesia; Guam; Indonesia; Marshall Is.; Micronesia; New Caledonia; Palau; Papua New Guinea; Samoa	✓	No data	Unspecified	Least Concern	Unknown	2015	12.01	Lower risk	
Actinopteri	Ovalentaria	Grammatidae	<i>Ligogramma</i>	<i>Ligogramma arababandensis</i>	Dusky basslet	4	Bahamas; Haiti; Mexico; USA	✓	No data	commercial	Least Concern	Unknown	2011	10	-	
Actinopteri	Ovalentaria	Grammatidae	<i>Ligogramma</i>	<i>Ligogramma klugei</i>	Broiler basslet	8	Aruba; Bahamas; Belize; Curaçao I.; Honduras; Jamaica; Neeth Antilles; Puerto Rico	✓	No data	commercial	Least Concern	Stable	2011	10	-	
Actinopteri	Acanthuriformes	Labroidae	<i>Lobotes</i>	<i>Lobotes surinamensis</i>	Tipetail	150	Wales I.; West Sahara; Yemen	✓	No data	commercial	Least Concern	Stable	2012	34.52	Lower risk	
Actinopteri	Ovalentaria	Ogistocephalidae	<i>Lonchopisthus</i>	<i>Lonchopisthus microcephalus</i>	Swordtail jawfish	6	Cuba; Mexico; Puerto Rico; Trinidad Tobago; USA; Venezuela	✓	✓ (Very low)	No data	rarely	Least Concern	Stable	2013	10	Lower risk
Actinopteri	Lophiiformes	Antennariidae	<i>Lophochorax</i>	<i>Lophochorax triangulatus</i>	Three-spot frogfish	6	Australia; Indonesia; Malaysia; Papua New Guinea; Philippines; Singapore	✓	No data	rarely	Least Concern	Unknown	2022	10	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	<i>Lotilia</i>	<i>Lotilia graciliosa</i>	Whitecap goby	13	Taiwan; Timor-Leste	✓	✓ (low)	No data	commercial	Data Deficient	Unknown	2020	10.53	Lower risk
Actinopteri	Gobiiformes	Gobiidae	<i>Lotilia</i>	<i>Lotilia klausewitzi</i>	Broiler goby	10	Australia; Christmas I.; Cocos Is. (Keel); Fiji; Indonesia; Malaysia; New Caledonia; Papua New Guinea; Philippines; Solomon Is.	✓	No data	rarely	Least Concern	Unknown	2014	10	-	
Actinopteri	Ovalentaria	Pseudochromidae	<i>Lubbockichthys</i>	<i>Lubbockichthys multiapamatus</i>	Fine-scaled dotryback	10	Solomon Is.	✓	No data	commercial	Least Concern	Unknown	2015	13.79	-	
Actinopteri	Eupercaria	Lutjanidae	<i>Lutjanus</i>	<i>Lutjanus decussatus</i>	Mutton snapper	36	Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	No data	commercial	Near Threatened	Decreasing	2015	55.17	Higher risk	
Actinopteri	Eupercaria	Lutjanidae	<i>Lutjanus</i>	<i>Lutjanus decussatus</i>	Checkered snapper	18	Andaman Is.; Australia; Bangladesh; Cambodia; India; Indonesia; Japan; Malaysia; Myanmar; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Sri Lanka; Taiwan; Thailand; Timor-Leste; Viet Nam	✓	No data	commercial	Least Concern	Decreasing	2009	30.26	Moderate risk	

Non-CITES-listed marine ornamental fish species (n=2105), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Taxonomy					Range States		Evidence of species in international trade	Species imported in EU and/or US (% imports)	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Extinction risk/vulnerability			
Class	Order	Family	Genus	Species	Common Name	No of native range States							List of native range States	Red List Vulnerability (FishBase)	Likelihood of threat from international trade	
Actinopteri	Espercaria	Lutjanidae	Lutjanus	<i>Lutjanus fulviflamma</i>	Dory snapper	1	American Samoa, Andaman Is., Australia, Bahrain, Bangladesh, Cambodia, China, Christmas I., Comoros, Cook Is., Djibouti, Egypt, Eritrea, Fiji, French Polynesia, Guam, Hong Kong, India, Indonesia, Iran, Iraq, Japan, Jordan, Kenya, Kiribati, Korea (South), Kuwait, Lord Howe I., Madagascar, Malaysia, Mauritius, Mayotte, Micronesia, Mozambique, Myanmar, New Caledonia, North Marianas, Ogasawara Is., Oman, Pakistan, Palau, Papua New Guinea, Philippines, Qatar, Rikunon, Ryukyu Is., Samoa, Saudi Arabia, Seychelles, Singapore, Socotra Arch., Solomon Is., Somalia, South Africa, Sri Lanka, Sudan, Taiwan, Tanzania, Thailand, Timor-Leste, Tokelau, Tonga, Tuvalu, United Arab Em., Vanuatu, Viet Nam, Wallis Futuna, Yemen	✓	None	public aquariums	Least Concern	Unknown	2015	34.26	-	
Actinopteri	Espercaria	Lutjanidae	Lutjanus	<i>Lutjanus fulvus</i>	Blacktail snapper	72	Wallis Futuna, Yemen	✓	No data	commercial	Least Concern	Unknown	2015	29.2	Lower risk	
Actinopteri	Espercaria	Lutjanidae	Lutjanus	<i>Lutjanus gibbus</i>	Humpback red snapper	77	Minor Is., US Misc Pac; Vanuatu, Viet Nam, Wallis Futuna, Yemen	✓	No data	public aquariums	Least Concern	Unknown	2015	35.26	Lower risk	
Actinopteri	Espercaria	Lutjanidae	Lutjanus	<i>Lutjanus griseus</i>	Grey snapper	36	Trinidad Tobago, Turks Caicos Is., USA, Venezuela, Virgin Is. (UK), Virgin Is. (US)	✓	No data	commercial	Least Concern	Unknown	2015	39.82	Lower risk	
Actinopteri	Espercaria	Lutjanidae	Lutjanus	<i>Lutjanus jocu</i>	Dog snapper	42	Venezuela, Virgin Is. (UK), Virgin Is. (US)	✓	No data	public aquariums	Data Deficient	Decreasing	2015	66.26	Higher risk	
Actinopteri	Espercaria	Lutjanidae	Lutjanus	<i>Lutjanus kasumba</i>	Common bluestripe snapper	79	Tonga, Tuamotu Is., Tuvalu, US Minor Is., Vanuatu, Viet Nam, Wallis Futuna, Yemen	✓	✓ (low)	commercial	Least Concern	Unknown	2015	40.21	Lower risk	
Actinopteri	Espercaria	Lutjanidae	Lutjanus	<i>Lutjanus malabaricus</i>	Malabar blood snapper	48	Arab Em., Vanuatu, Viet Nam, Wallis Futuna, Yemen	✓	No data	commercial	Least Concern	Unknown	2015	34.4	Lower risk	
Actinopteri	Espercaria	Lutjanidae	Lutjanus	<i>Lutjanus quinquelineatus</i>	Five-lined snapper	26	United Arab Em., Yemen	✓	No data	commercial	Least Concern	Unknown	2015	56.06	Lower risk	
Actinopteri	Espercaria	Lutjanidae	Lutjanus	<i>Lutjanus sebastes</i>	Emperor red snapper	41	Virgin Is. (US)	✓	✓ (low)	rare	commercial	Least Concern	Decreasing	2015	58.91	Lower risk
Actinopteri	Espercaria	Lutjanidae	Lutjanus	<i>Lutjanus synagris</i>	Lane snapper	41	Virgin Is. (US)	✓	No data	public aquariums	Near Threatened	Decreasing	2015	37.21	Higher risk	
Actinopteri	Espercaria	Lutjanidae	Lutjanus	<i>Lutjanus vittatus</i>	Brownstripe red snapper	35	Tanzania, Thailand, Timor-Leste, Vanuatu, Viet Nam	✓	No data	public aquariums	Least Concern	Unknown	2015	38.1	Lower risk	
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Luzonichthys</i>	<i>Luzonichthys eairii</i>	Eairii's splifin	6	Christmas I., Hawaii, Maldives, Marshall Is., Micronesia, Wake I.	✓	No data	Unspecified	Least Concern	Unknown	2009	10	-	
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Luzonichthys</i>	<i>Luzonichthys waitii</i>	Waitii's splifin	12	Philippines, Seychelles, Solomon Is.	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2015	10.53	Lower risk
Actinopteri	Perciformes/Serranidae	Gobiidae	<i>Lutjanus</i>	<i>Lutjanus whiteii</i>	White's splifin	6	Christmas I., Christmas I., Kiribati, Micronesia, New Caledonia, Palau	✓	✓ (low)	None	Unspecified	Least Concern	Stable	2015	19	Lower risk
Actinopteri	Gobiiformes	Gobiidae	<i>Lutjanus</i>	<i>Lutjanus dalli</i>	Blueband goby	5	Ecuador, Galapagos Is., Mexico, Peru, USA	✓	✓ (low)	Captive bred (not for retail)	commercial	Least Concern	Stable	2007	12.01	Lower risk
Actinopteri	Gobiiformes	Gobiidae	<i>Lutjanus</i>	<i>Lutjanus nesotes</i>	Island goby	12	Virgin Is. (US)	✓	No data	commercial	Least Concern	Unknown	2010	10	-	
Actinopteri	Gobiiformes	Gobiidae	<i>Lutjanus</i>	<i>Lutjanus phoeniceus</i>	Convict goby	2	Mexico, USA	✓	No data	commercial	Least Concern	Unknown	2010	10	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	<i>Lutjanus</i>	<i>Lutjanus spilus</i>	Bluegold goby	10	Bahamas, Cayman Is., Cuba, Haiti, Jamaica, Mexico, Puerto Rico, Trinidad Tobago, USA, Venezuela, Virgin Is. (UK)	✓	No data	commercial	Least Concern	Unknown	2010	10	-	
Actinopteri	Espercaria	Lutjanidae	<i>Macolor</i>	<i>Macolor macularis</i>	Midnight snapper	24	Taiwan, Timor-Leste, Tonga, Vanuatu, Viet Nam	✓	✓ (Very low)	None	rarely	Least Concern	Unknown	2015	39.49	Lower risk
Actinopteri	Espercaria	Lutjanidae	<i>Macolor</i>	<i>Macolor ripier</i>	Black and white snapper	66	Vanuatu, Viet Nam, Wallis Futuna, Yemen	✓	✓ (Very low)	None	commercial	Least Concern	Unknown	2015	46.56	Lower risk
Actinopteri	Espercaria	Labridae	<i>Macropharyngodon</i>	<i>Macropharyngodon laganus</i>	Rare wrasse	13	South Africa, Tanzania, Yemen	✓	✓ (moderate)	None	commercial	Least Concern	Unknown	2009	22.77	Lower risk
Actinopteri	Espercaria	Labridae	<i>Macropharyngodon</i>	<i>Macropharyngodon chhai</i>	Chhai's wrasse	2	Australia, New Caledonia	✓	✓ (low)	None	commercial	Least Concern	Unknown	2009	16.21	Lower risk
Actinopteri	Espercaria	Labridae	<i>Macropharyngodon</i>	<i>Macropharyngodon zanzibaricus</i>	Zanzibar wrasse	3	Mauritius, Réunion, South Africa	✓	✓ (low)	rarely	Least Concern	Unknown	2009	20.59	Lower risk	
Actinopteri	Espercaria	Labridae	<i>Macropharyngodon</i>	<i>Macropharyngodon geoffroyi</i>	Geoffroy's wrasse	2	Hawaii, Johnston I.	✓	✓ (low)	None	commercial	Least Concern	Unknown	2009	24.31	Lower risk
Actinopteri	Espercaria	Labridae	<i>Macropharyngodon</i>	<i>Macropharyngodon kaiteri</i>	Black leopard wrasse	3	Australia, New Caledonia, Tonga	✓	✓ (low)	None	commercial	Least Concern	Unknown	2009	17.67	Lower risk
Actinopteri	Espercaria	Labridae	<i>Macropharyngodon</i>	<i>Macropharyngodon lapillus</i>	Lapillus wrasse	3	Australia, New Caledonia, Tonga	✓	✓ (Very low)	None	Unspecified	Least Concern	Unknown	2009	19.9	Lower risk
Actinopteri	Espercaria	Labridae	<i>Macropharyngodon</i>	<i>Macropharyngodon negrosensis</i>	Yellowspotted wrasse	22	Timor-Leste, Tonga	✓	✓ (low)	None	commercial	Least Concern	Unknown	2009	21.39	Lower risk
Actinopteri	Espercaria	Labridae	<i>Macropharyngodon</i>	<i>Macropharyngodon ornatus</i>	False leopard	10	Thailand	✓	✓ (low)	None	commercial	Least Concern	Unknown	2009	22.77	Lower risk
Actinopteri	Espercaria	Labridae	<i>Macropharyngodon</i>	<i>Macropharyngodon vivianae</i>	Madagascar wrasse	3	Madagascar, Mozambique, South Africa	✓	✓ (Very low)	None	Unspecified	Least Concern	Unknown	2009	19.9	Lower risk
Actinopteri	Gobiiformes	Gobiidae	<i>Mahidola</i>	<i>Mahidola mysticina</i>	Flagfin prawn goby	19	Caledonia, Palau, Papua New Guinea, Philippines, Samoa, South Africa, Taiwan, Thailand, Timor-Leste	✓	No data	commercial	Least Concern	Unknown	2015	14.62	-	

Non-CITES-listed marine ornamental fish species (n=205), their native range States, extinction risk, vulnerability to harvest pressures and whether there was evidence of them in international trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Taxonomy					Range States		Evidence of species in international trade	Species imported in EU and/or US (% imports)	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Red List year of assessment	Extinction risk/vulnerability	Likelihood of threat from International trade	
Class	Order	Family	Genus	Species	Common Name	No of native range States	List of native range States									
Actinopteri	Eupercaria	Malacanthidae	Malacanthus	Malacanthus brevivittatus	Quakerfish	48	American Samoa, Andaman Is., Australia, Chagos Is., China, Christmas I., Cocos Is. (Keel), Colombia, Cook Is., Costa Rica, Ecuador, Egypt, French Polynesia, Galapagos Is., Guam, Hawaii, Indonesia, Japan, Jordan, Kiribati, Lord Howe I., Madagascar, Maldives, Marquesas Is., Marshall Is., Mauritius, Micronesia, Mozambique, Niue, New Caledonia, New Zealand, North Mariana, Ogasawara Is., Palau, Panama, Papua New Guinea, Philippines, Pitcairn, Réunion, Ryukyu Is., Samoa, Seychelles, Somalia, South Africa, Taiwan, Timor-Leste, Tonga, Viet Nam	✓	✓ (very low)	None	commercial	not assessed	not assessed	not assessed	33.47	Moderate risk
Actinopteri	Eupercaria	Malacanthidae	Malacanthus	Malacanthus fatovittatus	Blue blanchillo	45	Anguilla, Antigua Barbuda, Aruba, Bahamas, Barbados, Belize, Bermuda, Cayman Is., Colombia, Cuba, Curaçao I., Dominican Republic, Grenada, Guadeloupe, Haiti, Honduras, Jamaica, Martinique, Mexico, Montserrat, Panama, Puerto Rico, St Kitts Nevis, St Lucia, St Vincent Gren., Trinidad Tobago, Turks Caicos Is., USA, Venezuela, Virgin Is. (UK), Virgin Is. (US)	✓	✓ (very low)	None	commercial	not assessed	not assessed	not assessed	51.7	Moderate risk
Actinopteri	Blennioformes	Labrisomidae	Malacocentrus	Malacocentrus macropus	Rosy blenny	32	Virgin Is. (UK), Virgin Is. (US)	✓		No data	commercial	Least Concern	Unknown	2009	10	Lower risk
Actinopteri	Blennioformes	Labrisomidae	Malacocentrus	Malacocentrus triangulatus	Sadbelly blenny	32	Virgin Is. (UK), Virgin Is. (US)	✓		No data	commercial	Least Concern	Stable	2007	10	Lower risk
Actinopteri	Ovalentaria	Pseudochromidae	Manonichthys	Manonichthys altoni	Sabah dottyback	3	Indonesia, Malaysia, Philippines	✓	✓ (very low)	Captive bred (not for retail)	rarely	Least Concern	Unknown	2022	11.93	Lower risk
Actinopteri	Ovalentaria	Pseudochromidae	Manonichthys	Manonichthys polynemus	Lonfin dottyback	2	Indonesia, Palau	✓	✓ (very low)	Captive bred (not for retail)	rarely	Data Deficient	Unknown	2015	22.27	Lower risk
Actinopteri	Ovalentaria	Pseudochromidae	Manonichthys	Manonichthys splendens	Splendid dottyback	1	Indonesia	✓	✓ (very low)	Common	commercial	Least Concern	Unknown	2022	23.25	Lower risk
Actinopteri	Elopiformes	Megalopsidae	Megalops	Megalops atlanticus	Tarpon	15	Anguilla, Antigua Barbuda, Aruba, Bahamas, Barbados, Belize, Brazil, Cayman Is., Colombia, Cuba, Curaçao I., Dominican Republic, Grenada, Guadeloupe, Haiti, Honduras, Jamaica, Martinique, Mexico, Montserrat, Puerto Rico, St Kitts Nevis, St Lucia, St Paul's Rocks, St Vincent Gren., Trinidad Tobago, Turks Caicos Is., USA, Venezuela, Virgin Is. (UK), Virgin Is. (US)	✓		Common	public aquariums	Vulnerable	Decreasing	2018	75.86	Higher risk
Actinopteri	Blennioformes	Blenniidae	Meiacanthus	Meiacanthus atrodorsalis	Forktail blenny	20	American Samoa, Australia, China, Fiji, Guam, Indonesia, Japan, Kiribati, Marshall Is., Micronesia, New Caledonia, North Mariana, Palau, Papua New Guinea, Philippines, Ryukyu Is., Samoa, Taiwan, Timor-Leste, Vanuatu	✓	✓ (low)	Moderate	commercial	Least Concern	Stable	2009	21.46	Lower risk
Actinopteri	Blennioformes	Blenniidae	Meiacanthus	Meiacanthus bundoon	Bundoon blenny	3	Fiji, New Caledonia, Tonga	✓		Captive bred (not for retail)	rarely	Least Concern	Stable	2009	22.8	Lower risk
Actinopteri	Blennioformes	Blenniidae	Meiacanthus	Meiacanthus ditrema	One-striped poison-fang blenny	15	American Samoa, Australia, Fiji, Indonesia, Japan, Malaysia, Micronesia, New Caledonia, Palau, Papua New Guinea, Philippines, Ryukyu Is., Samoa, Solomon Is., Tonga	✓		No data	Unspecified	Least Concern	Stable	2009	12.47	
Actinopteri	Blennioformes	Blenniidae	Meiacanthus	Meiacanthus grammistes	Striped poison-fang blenny	4	Australia, Indonesia, Japan, Micronesia, New Caledonia, Palau, Papua New Guinea, Philippines, Ryukyu Is., Timor-Leste, Viet Nam	✓	✓ (low)	Common	commercial	Least Concern	Stable	2009	21.46	Lower risk
Actinopteri	Blennioformes	Blenniidae	Meiacanthus	Meiacanthus kamoharui	Blenny	2	Japan, Taiwan	✓	✓ (low)	No data	rarely	Least Concern	Stable	2009	12.01	Lower risk
Actinopteri	Blennioformes	Blenniidae	Meiacanthus	Meiacanthus lineatus	Linead flangblenny	1	Australia	✓		No data	rarely	Least Concern	Stable	2009	17.89	Lower risk
Actinopteri	Blennioformes	Blenniidae	Meiacanthus	Meiacanthus latus	Yellow flangblenny	1	Australia	✓		No data	rarely	Least Concern	Stable	2009	20.07	
Actinopteri	Blennioformes	Blenniidae	Meiacanthus	Meiacanthus mossambicus	Mozambique flangblenny	5	Comoros, Kenya, Madagascar, Mozambique, Tanzania	✓	✓ (low)	Common	commercial	Least Concern	Stable	2009	19.5	Lower risk
Actinopteri	Blennioformes	Blenniidae	Meiacanthus	Meiacanthus nigroluteus	Blackline flangblenny	4	Egypt, Jordan, Socotra Arch., Yemen	✓	✓ (very low)	Common	commercial	Least Concern	Stable	2009	17.89	Lower risk
Actinopteri	Blennioformes	Blenniidae	Meiacanthus	Meiacanthus ovalenemus	Candy flangblenny	1	Fiji	✓	✓ (low)	Moderate	rarely	Least Concern	Stable	2009	23.74	Lower risk
Actinopteri	Blennioformes	Blenniidae	Meiacanthus	Meiacanthus ornatus	Discus-blenny	9	Andaman Is., Chagos Is., India, Indonesia, Maldives, Myanmar, Sri Lanka, Thailand	✓	✓ (low)	Common	commercial	Least Concern	Stable	2009	15.77	Lower risk
Actinopteri	Blennioformes	Blenniidae	Meiacanthus	Meiacanthus tongaensis	Discus-blenny	1	Tonga	✓	✓ (low)	Captive bred (not for retail)	rarely	Least Concern	Stable	2009	23.74	Lower risk
Actinopteri	Blennioformes	Blenniidae	Meiacanthus	Meiacanthus vittatus	One-striped flangblenny	3	Indonesia, Palau, Papua New Guinea, Solomon Is.	✓		No data	commercial	Least Concern	Stable	2009	15.77	Lower risk
Actinopteri	Tetraodontiformes	Balistidae	Melichthys	Melichthys indicus	Indian triggerfish	18	Andaman Is., Chagos Is., Christmas I., Cocos Is. (Keel), Indonesia, Kenya, Maldives, Mauritius, Mozambique, Myanmar, Oman, Réunion, Socotra Arch., Somalia, South Africa, Tanzania, Thailand, Yemen	✓	✓ (very low)	None	commercial	Least Concern	Unknown	2022	26.63	Lower risk
Actinopteri	Tetraodontiformes	Balistidae	Melichthys	Melichthys niger	Black triggerfish	85	American Samoa, Andaman Is., Anguilla, Antigua Barbuda, Aruba, Ascension I., Australia, Bahamas, Barbados, Belize, Brazil, Cape Verde, Cayman Is., Chagos Is., China, Christmas I., Clipperton I., Cocos Is. (C.R.), Cocos Is. (Keel), Colombia, Cook Is., Costa Rica, Cuba, Curaçao I., Dominican Republic, El Salvador, Fiji, French Guiana, French Polynesia, Galapagos Is., Grenada, Guadeloupe, Guam, Guatemala, Guyana, Haiti, Honduras, India, Indonesia, Jamaica, Japan, Maldives, Marshall Is., Martinique, Mexico, Micronesia, Montserrat, Mozambique, New Caledonia, Nicaragua, Niue, North Mariana, Ogasawara Is., Palau, Panama, Papua New Guinea, Philippines, Puerto Rico, Réunion, Revillagigedo, Ryukyu Is., Samoa, Sao Tome Prince, Seychelles, Somalia, South Africa, Sri Lanka, St Helena, St Kitts Nevis, St Lucia, St Paul's Rocks, St Vincent Gren., Suriname, Timor-Leste, Trind., Vanuatu, Viet Nam	✓	✓ (low)	None	commercial	Least Concern	Unknown	2011	41.39	Moderate risk
Actinopteri	Tetraodontiformes	Balistidae	Melichthys	Melichthys vidua	Pinktail triggerfish	38	American Samoa, Andaman Is., Australia, Cambodia, China, Christmas I., Cocos Is. (Keel), Cook Is., Fiji, French Polynesia, Galapagos Is., Guam, Hawaii, Indonesia, Japan, Malaysia, Marquesas Is., Marshall Is., Micronesia, Mozambique, New Caledonia, Niue, North Mariana, Ogasawara Is., Palau, Papua New Guinea, Philippines, Réunion, American Samoa, Seychelles, Somalia, South Africa, Taiwan, Timor-Leste, Tonga, Tuamotu Is., Viet Nam, Wake I.	✓	✓ (low)	None	commercial	Least Concern	Unknown	2022	34.18	Lower risk
Actinopteri	Centrolophiformes	Microcanthidae	Microcanthus	Microcanthus strigatus	Striper	9	Australia, China, Hawaii, Hong Kong, Japan, Korea (South), Ogasawara Is., Taiwan, Viet Nam	✓	✓ (very low)	None	commercial	Least Concern	Unknown	2018	22.52	Lower risk
Actinopteri	Syngnathiformes	Syngnathidae	Microgobius	Microgobius ophiactis	Semiole pipefish	18	Australia, Egypt, Guam, Indonesia, Japan, Kenya, Madagascar, Micronesia, Mozambique, New Caledonia, North Mariana, Oman, Palau, Papua New Guinea, Philippines, Samoa, South Africa, Tonga	✓		No data	Unspecified	Least Concern	Unknown	2016	10	Lower risk
Actinopteri	Gobiiformes	Gobiidae	Microgobius	Microgobius canari	Semiole goby	17	St Kitts Nevis, St Lucia, St Vincent Gren., Trinidad Tobago, USA, Virgin Is. (UK), Virgin Is. (US)	✓		No data	commercial	Least Concern	Unknown	2010	22.58	-
Actinopteri	Gobiiformes	Gobiidae	Microgobius	Microgobius microgobus	Banar goby	5	Bahamas, Belize, Cuba, Mexico, USA	✓		No data	rarely	Least Concern	Unknown	2010	22.58	-
Actinopteri	Ovalentaria	Pomacentridae	Microspathodon	Microspathodon bairdii	Bumphead damselfish	12	Cocos I. (C.R.), Colombia, Costa Rica, Ecuador, El Salvador, Galapagos Is., Guatemala, Honduras, Mexico, Nicaragua, Panama, Revillagigedo	✓		No data	Unspecified	Least Concern	Unknown	2007	41.82	-
Actinopteri	Ovalentaria	Pomacentridae	Microspathodon	Microspathodon chrysurus	Yellowtail damselfish	36	Anguilla, Antigua Barbuda, Aruba, Bahamas, Barbados, Belize, Bermuda, Brazil, Cayman Is., Colombia, Costa Rica, Cuba, Curaçao I., Dominican Republic, Grenada, Guadeloupe, Guatemala, Haiti, Honduras, Jamaica, Martinique, Mexico, Montserrat, Nicaragua, Panama, Puerto Rico, St Kitts Nevis, St Lucia, St Vincent Gren., Trinidad Tobago, Turks Caicos Is., USA, Venezuela, Virgin Is. (UK), Virgin Is. (US)	✓	✓ (low)	commercial	Least Concern	Unknown	2010	31.23	Moderate risk	
Actinopteri	Ovalentaria	Pomacentridae	Microspathodon	Microspathodon dorsalis	Giant damselfish	14	Cocos I. (C.R.), Colombia, Costa Rica, Ecuador, El Salvador, Galapagos Is., Guatemala, Honduras, Mexico, Nicaragua, Panama, Peru, Revillagigedo, Viet Nam	✓	✓ (very low)	None	rarely	Least Concern	Unknown	2008	46.07	Moderate risk
Actinopteri	Syngnathiformes	Syngnathidae	Mnyichthys	Mnyichthys myersi	Myer's pipefish	6	Cargados Carajos, Guam, Indonesia, North Mariana, Palau, Panama, Papua New Guinea, Philippines	✓		Unspecified	Least Concern	Unknown	2015	10	-	
Actinopteri	Tetraodontiformes	Monacanthidae	Monacanthus	Monacanthus chinensis	Hair-bellied leatherjacket	15	Ryukyu Is., Samoa, Taiwan, Thailand, Viet Nam	✓	✓ (very low)	No data	Unspecified	Least Concern	Unknown	2015	35.73	Lower risk
Actinopteri	Tetraodontiformes	Monacanthidae	Monacanthus	Monacanthus ciliatus	Fringed filefish	41	Anguilla, Antigua Barbuda, Argentina, Aruba, Bahamas, Barbados, Belize, Bermuda, Brazil, Canada, Cayman Is., Colombia, Costa Rica, Cuba, Curaçao I., Dominican Republic, French Guiana, Grenada, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Mexico, Montserrat, Nicaragua, Panama, Puerto Rico, St Kitts Nevis, St Lucia, St Vincent Gren., Suriname, Trinidad Tobago, Turks Caicos Is., USA, Venezuela, Virgin Is. (UK), Virgin Is. (US)	✓		No data	commercial	Least Concern	Unknown	2014	25.85	Lower risk
Actinopteri	Tetraodontiformes	Monacanthidae	Monacanthus	Monacanthus toxotes	Slender filefish	27	Anguilla, Antigua Barbuda, Aruba, Bahamas, Barbados, Belize, Bermuda, Cayman Is., Cuba, Curaçao I., Dominican Republic, Grenada, Guadeloupe, Haiti, Jamaica, Martinique, Montserrat, Puerto Rico, St Kitts Nevis, St Lucia, St Vincent Gren., Trinidad Tobago, Turks Caicos Is., USA, Virgin Is. (UK), Virgin Is. (US)	✓		No data	rarely	Least Concern	Unknown	2014	14.62	Lower risk
Actinopteri	Trachichthyiformes	Monocentridae	Monocentris	Monocentris japonica	Pinecone fish	25	Reunion, South Africa, Sri Lanka, Taiwan, Viet Nam	✓	✓ (very low)	None	commercial	Least Concern	Unknown	2019	41.61	Lower risk
Actinopteri	Eupercaria	Monodactylidae	Monodactylus	Monodactylus argentus	Silver moony	44	Andaman Is., Australia, Cambodia, China, Comoros, Djibouti, Egypt, Fiji, Guam, Hong Kong, India, Indonesia, Japan, Kenya, Madagascar, Malaysia, Maldives, Mauritius, Micronesia, Mozambique, Myanmar, New Caledonia, Norfolk I., North Mariana, Oman, Palau, Papua New Guinea, Philippines, Réunion, Rodriguez, Ryukyu Is., Samoa, Saudi Arabia, Seychelles, Socotra Arch., Somalia, South Africa, Sri Lanka, Taiwan, Tanzania, United Arab Em., Vanuatu	✓	✓ (low)	Common	commercial	Least Concern	Unknown	2016	22.94	Lower risk
Actinopteri	Eupercaria	Monodactylidae	Monodactylus	Monodactylus fulvifrons	Full moony	10	India, Kenya, Madagascar, Mozambique, Palawan, Réunion, Somalia, South Africa, Sri Lanka, Tanzania	✓		No data	commercial	Least Concern	Stable	2016	16.53	Lower risk
Actinopteri	Eupercaria	Monodactylidae	Monodactylus	Monodactylus seabae	African moony	19	Chana, Guinea, Guinea-Bissau, Liberia, Nigeria, Senegal, Sierra Leone, Tojo	✓	✓ (very low)	Moderate	commercial	not assessed	not assessed	not assessed	13.16	Lower risk
Actinopteri	Eupercaria	Lethrinidae	Monotaxis	Monotaxis grandoculis	Humpnose big-eye bream	79	Admiralty Is., American Samoa, Andaman Is., Australia, Bangladesh, Br Indian Oc Tr, Brunel Darru, Cambodia, Chagos Is., China, Christmas I., Cocos Is. (Keel), Comoros, Cook Is., Djibouti, Egypt, Eritrea, Fiji, French Polynesia, Guam, Hawaii, Hong Kong, India, Indonesia, Israel, Japan, Johnston I., Jordan, Kenya, Kiribati, Mexico, Madagascar, Malaysia, Maldives, Marquesas Is., Marshall Is., Mauritius, Micronesia, Mozambique, Myanmar, Niue, New Caledonia, Niue, Norfolk I., North Mariana, Ogasawara Is., Oman, Palau, Sri Lanka, Taiwan, Timor-Leste, Tokelau, Tonga, Tuamotu, Tuvalu, Vanuatu, Viet Nam, Wake I., Wallis Futuna, Yemen	✓		No data	commercial	Least Concern	Unknown	2015	43.83	-
Actinopteri	Gobiiformes	Gobiidae	Mugilopus	Mugilopus chulae	Yellowstripe goby	8	Cambodia, Indonesia, Japan, Philippines, Ryukyu Is., Taiwan, Thailand, Viet Nam	✓		No data	rarely	Least Concern	Unknown	2020	10	-

Non-CITES-listed marine ornamental fish species (n=2105), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Taxonomy						Range States		Evidence of species in International trade				Extinction risk/vulnerability					
Class	Order	Family	Genus	Species	Common Name	No of native range States	List of native range States	Evidence of species in International trade	Species imported in EU and/or UK (% imports)	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Red List year of assessment	Vulnerability (FishBase)	Likelihood of threat from International Trade	
Actinopteri	Mulliformes	Mullidae	Mulloidichthys	Mulloidichthys flavolineatus	Yellowstripe goatfish		American Samoa; Andaman Is.; Australia; Bahrain; Brunei Darussalam; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Comoros; Cook Is.; Djibouti; Easter I.; Egypt; Eritrea; Fiji; French Polynesia; Guam; Hawaii; India; Indonesia; Japan; Johnston I.; Jordan; Kenya; Kiribati; Korea (South); Madagascar; Malaysia; Maldives; Marshall Is.; Mauritius; Mayotte; Micronesia; Midway Is.; Mozambique; Myanmar; Nauru; New Caledonia; Niue; Norfolk I.; North Mariana; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Pitcairn; Qatar; RÅUnion; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Singapore; Socotra Arch.; Solomon Is.; Somalia; South Africa; Sri Lanka; Sudan; Taiwan; Tanzania; Thailand; Timor-Leste; Tokelau; Tonga; Tuvalu; United Arab Em.; Vanuatu; Viet Nam; Wake I.; Wallis Futuna; Yemen	✓			commercial	Least Concern	Stable	2015		38.87	-
Actinopteri	Mulliformes	Mullidae	Mulloidichthys	Mulloidichthys varicostata	Yellowfin goatfish	56	Timor-Leste; Tonga; Tuamotu Is.; Vanuatu; Viet Nam; Wallis Futuna; Yemen	✓			Unspecified	Least Concern	Stable	2015		23.19	Lower risk
Actinopteri	Anquilliformes	Muraenidae	Muraena	Muraena helena	Mediterranean moray		Albania; Algeria; Azores Is.; Bosnia Herzegovina; Canary Is.; Cape Verde; Channel Is.; Croatia; Cyprus; Egypt; France; Gibraltar; Greece; Guinea-Bissau; Israel; Italy; Lebanon; Libya; Maldives; Malia; Mauritania; Monaco; Montenegro; Morocco; Portugal; Senegal; Slovenia; Spain; Syria; Tunisia; Turkey; UK; UK Engd Wal; West Sahara	✓			public aquariums	Least Concern	Unknown	2011		79.49	Moderate risk
Actinopteri	Anquilliformes	Muraenidae	Muraena	Muraena lentiginosa	Jewel moray	11	Peru	✓	✓ (Very low)		rarely	Least Concern	Unknown	2007		48.79	Moderate risk
Actinopteri	Anquilliformes	Ophichthidae	Muraenichthys	Muraenichthys schultzei	Maimed snake eel	22	Andaman Is.; Bahrain; Hawaii; India; Indonesia; Japan; Kuwait; Maldives; Marshall Is.; Mauritius; Oman; Papua New Guinea; Philippines; Qatar; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Somalia; Tonga; Tuamotu Is.; United Arab Em.	✓			rarely	not assessed	not assessed	not assessed		16.91	Lower risk
Actinopteri	Perciformes/Serranoidae	Serranidae	Mycteroperca	Mycteroperca bonaci	Black grouper	40	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Bermuda; Brazil; Cayman Is.; Colombia; Costa Rica; Cuba; Curaçao I.; Dominica; Dominican Rp; French Guiana; Grenada; Guadeloupe; Guyana; Haiti; Honduras; Jamaica; Martinique; Mexico; Montserrat; Neeth Antilles; Nicaragua; Panama; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Suriname; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓			public aquariums	Near Threatened	Decreasing	2016		62.99	Higher risk
Actinopteri	Perciformes/Serranoidae	Serranidae	Mycteroperca	Mycteroperca interstitialis	Yellowmouth grouper	33	USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓			public aquariums	Vulnerable	Decreasing	2016		67.85	Higher risk
Actinopteri	Perciformes/Serranoidae	Serranidae	Mycteroperca	Mycteroperca tigris	Tiger grouper	39	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Bermuda; Brazil; Cayman Is.; Colombia; Costa Rica; Cuba; Curaçao I.; Dominica; Dominican Rp; French Guiana; Grenada; Guadeloupe; Guyana; Haiti; Honduras; Jamaica; Martinique; Mexico; Montserrat; Neeth Antilles; Nicaragua; Panama; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Suriname; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓			public aquariums	Data Deficient	Decreasing	2016		64.17	-
Actinopteri	Perciformes/Serranoidae	Serranidae	Mycteroperca	Mycteroperca venenosa	Yellowfin grouper	41	UK; Virgin Is. (US)	✓			public aquariums	Near Threatened	Decreasing	2018		62.16	Higher risk
Elasmobranchii	Myliobatiformes	Myliobatidae	Myliobatis	Myliobatis tenuicaudatus	Eagle ray	4	Kermadec Is.; Lord Howe I.; New Zealand; Norfolk I.	✓			rarely	Least Concern	Stable	2015		59.35	-
Actinopteri	Anquilliformes	Ophichthidae	Myrichthys	Myrichthys colubinus	Harlequin snake eel	31	Oman; Palau; Papua New Guinea; Philippines; RÅUnion; Ryukyu Is.; Samoa; Seychelles; Taiwan; Tonga; Viet Nam	✓	✓ (Very low)		rarely	not assessed	not assessed	not assessed		44.87	Moderate risk
Actinopteri	Anquilliformes	Ophichthidae	Myrichthys	Myrichthys maculosa	Tiger snake eel	50	Tuamotu Is.; Viet Nam; Yemen	✓	✓ (Very low)		commercial	not assessed	not assessed	not assessed		45.04	Moderate risk
Actinopteri	Anquilliformes	Ophichthidae	Myrichthys	Myrichthys ocellatus	Goldspotted eel	29	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Bermuda; Brazil; Cayman Is.; Cuba; Curaçao I.; Dominica; Dominican Rp; Grenada; Guadeloupe; Guyana; Haiti; Jamaica; Martinique; Montserrat; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Trinidad Tobago; Turks Caicos Is.; USA; West Is. (UK); West Is. (US)	✓	✓ (Very low)		commercial	Least Concern	Unknown	2011		50.82	Moderate risk
Actinopteri	Anquilliformes	Ophichthidae	Myrichthys	Myrichthys pardalis	Leopard eel	18	Mauritania; Nigeria; Sao Tome Princ.; Senegal; Sierra Leone; Togo; West Sahara	✓			rarely	Least Concern	Unknown	2011		34.9	Moderate risk
Actinopteri	Holocentriformes	Holocentridae	Myripristis	Myripristis amana	Brick soldierfish	25	American Samoa; Australia; Cook Is.; Fiji; French Polynesia; Guam; Hawaii; Indonesia; Japan; Johnston I.; Kiribati; Marshall Is.; Micronesia; New Caledonia; North Mariana; Ogasawara Is.; Palau; Philippines; Pitcairn; Ryukyu Is.; Samoa; Tahiti; Tuamotu Is.; Viet Nam; Wake I.	✓			commercial	Least Concern	Unknown	2015		37.38	Lower risk
Actinopteri	Holocentriformes	Holocentridae	Myripristis	Myripristis bernini	Blotchey soldierfish	57	Somalia; South Africa; Taiwan; Timor-Leste; Tonga; Tuamotu Is.; Vanuatu; Viet Nam; Wake I.; Yemen	✓			commercial	Least Concern	Unknown	2015		23.37	Lower risk
Actinopteri	Holocentriformes	Holocentridae	Myripristis	Myripristis boche	Blacktip soldierfish	26	Sri Lanka; Taiwan; Thailand; Timor-Leste; Vanuatu; Viet Nam	✓			commercial	Least Concern	Unknown	2015		28.27	-
Actinopteri	Holocentriformes	Holocentridae	Myripristis	Myripristis jacobus	Blackbar soldierfish	58	Suriname; Togo; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓			commercial	Least Concern	Unknown	2013		19.54	Lower risk
Actinopteri	Holocentriformes	Holocentridae	Myripristis	Myripristis kuntee	Shoulderbar soldierfish	44	Leeste; Tonga; Tuamotu Is.; US Minor Is.; Vanuatu; Viet Nam	✓			commercial	Least Concern	Unknown	2015		20.42	Lower risk
Actinopteri	Holocentriformes	Holocentridae	Myripristis	Myripristis murdjan	Pinecone soldierfish	67	Tonga; Tuamotu Is.; US Minor Is.; Vanuatu; Viet Nam; Yemen	✓	✓ (Very low)		commercial	Least Concern	Unknown	2015		35.01	Lower risk
Actinopteri	Holocentriformes	Holocentridae	Myripristis	Myripristis violacea	Lattice soldierfish	17	Leeste; Tonga; Tuamotu Is.; Tuvalu; Vanuatu; Viet Nam; Wake I.	✓	✓ (Very low)		Unspecified	Least Concern	Unknown	2015		25.31	Lower risk
Elasmobranchii	Torpediniformes	Narcinae	Narcine	Narcine brachionotus	Brazilian electric ray	30	Argentina; Brazil; Colombia; Jamaica; Mexico; St Lucia; St Vincent Gren.; Uruguay; USA; Venezuela	✓			commercial	Near Threatened	Decreasing	2019		34.71	Moderate risk
Elasmobranchii	Torpediniformes	Narcinae	Narcine	Narcine timiti	Spotted numbfish	20	Bahrain; Brunei Darussalam; China; Hong Kong; India; Indonesia; Japan; Kuwait; Malaysia; Myanmar; Pakistan; Philippines; Qatar; Saudi Arabia; Singapore; Sri Lanka; Taiwan; Thailand; United Arab Em.; Viet Nam	✓			commercial	Vulnerable	Decreasing	2020		20	-
Actinopteri	Acanthuriformes	Acanthuridae	Naso	Naso annulatus	Whitemargin unicornfish	39	Ryukyu Is.; Samoa; Seychelles; South Africa; Taiwan; Tanzania; Timor-Leste; Tonga; Tuamotu Is.; Viet Nam; Wake I.	✓			commercial	Least Concern	Stable	2010		45.06	Moderate risk
Actinopteri	Acanthuriformes	Acanthuridae	Naso	Naso brachycentron	Humpback unicornfish	36	Taiwan; Tanzania; Timor-Leste; Tonga; Tuamotu Is.; Vanuatu; Yemen	✓	✓ (low)		commercial	Least Concern	Stable	2010		66.75	Moderate risk

Non-CITES-listed marine ornamental fish species (n=2105), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by Fishbase. Information on the data sources are provided in the

Taxonomy						Range States		Evidence of species in international trade	Species imported in EU and/or UK (% imports)	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Red List year of assessment	Extinction risk/vulnerability			
Class	Order	Family	Genus	Species	Common Name	No of native range States	List of native range States								Vulnerability (Fishbase)	Likelihood of threat from international trade		
Actinopteri	Acanthuriformes	Acanthuridae	Naso	<i>Naso brevirostris</i>	Spotted unicornfish	1	American Samoa; Andaman Is.; Australia; Caroline I.; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Comoros; Cook Is.; Easter I.; Egypt; Fiji; French Polynesia; Galapagos Is.; Guam; Hawaii; Hong Kong; India; Indonesia; Japan; Johnston I.; Korea (South); Lord Howe I.; Madagascar; Malaysia; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Micronesia; Midway Is.; Mozambique; New Caledonia; Norfolk I.; North Marianas; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Pitcairn; Runion; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Socotra Arch.; Somalia; South Africa; Sri Lanka; Sudan; Taiwan; Timor-Leste; Tonga; Tuamotu Is.; Viet Nam; Wake I.; Yemen	✓	✓ (low)	None	commercial	Least Concern	Stable	2010	32.66	Moderate risk		
Actinopteri	Acanthuriformes	Acanthuridae	Naso	<i>Naso elegans</i>	Elegant unicornfish	23	Tanzania; Thailand; Yemen	✓	✓ (moderate)	None	rarely	Least Concern	Unknown	2010	45.16	Moderate risk		
Actinopteri	Acanthuriformes	Acanthuridae	Naso	<i>Naso hexacanthus</i>	Sleek unicornfish	53	American Samoa; Andaman Is.; Australia; Caroline I.; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Cook Is.; Egypt; Fiji; French Polynesia; Hawaii; Indonesia; Japan; Johnston I.; Jordan; Kenya; Lord Howe I.; Malaysia; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; New Norfolk I.; North Marianas; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Pitcairn; Runion; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Socotra Arch.; Somalia; South Africa; Tahiti; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Viet Nam; Wake I.; Yemen	✓	✓ (Very low)	No data	commercial	Least Concern	Stable	2010	41.45	Moderate risk		
Actinopteri	Acanthuriformes	Acanthuridae	Naso	<i>Naso lituratus</i>	Orange spine unicornfish	39	American Samoa; Australia; Caroline I.; China; Christmas I.; Clipperton I.; Cocos Is. (Keel); Cook Is.; Fiji; French Polynesia; Guam; Hawaii; Indonesia; Japan; Korea (South); Malaysia; Marquesas Is.; Marshall Is.; Micronesia; New Caledonia; New Norfolk I.; North Marianas; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Pitcairn; Ryukyu Is.; Samoa; Socotra Arch.; Tahiti; Taiwan; Timor-Leste; Tonga; Tuamotu Is.; US Minor Is.; Vanuatu; Viet Nam; Wake I.	✓	✓ (moderate)	Rare	commercial	Least Concern	Stable	2010	34.14	Moderate risk		
Actinopteri	Acanthuriformes	Acanthuridae	Naso	<i>Naso lopezi</i>	Elongate unicornfish	16	Guinea; Philippines; Ryukyu Is.; Taiwan; Timor-Leste; Tonga; Vanuatu	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2010	51.54	Moderate risk		
Actinopteri	Acanthuriformes	Acanthuridae	Naso	<i>Naso maculatus</i>		10	Hawaii; Japan; Lord Howe I.; Midway Is.; New Caledonia; Norfolk I.; Ogasawara Is.; Philippines; Ryukyu Is.; Taiwan	✓	✓	No data	Unspecified	Least Concern	Unknown	2010	39.49	Moderate risk		
Actinopteri	Acanthuriformes	Acanthuridae	Naso	<i>Naso thynnoides</i>	Onknife unicornfish	28	American Samoa; Australia; Caroline I.; China; Guam; Indonesia; Japan; Johnston I.; Malaysia; Maldives; Marshall Is.; Micronesia; Mozambique; North Marianas; Palau; Papua New Guinea; Philippines; Runion; Ryukyu Is.; Samoa; Seychelles; Solomon Is.; Sri Lanka; Taiwan; Timor-Leste; Tonga; Tuamotu Is.; NI	✓	✓	No data	commercial	Least Concern	Stable	2010	40.33	-		
Actinopteri	Acanthuriformes	Acanthuridae	Naso	<i>Naso tuberosus</i>	Humpnose unicornfish	11	Andaman Is.; Australia; Guam; India; Mauritius; Mozambique; Palau; Runion; Seychelles; Socotra Arch.; Yemen	✓	✓ (Very low)	No data	rarely	Data Deficient	Unknown	2010	33.1	Moderate risk		
Actinopteri	Acanthuriformes	Acanthuridae	Naso	<i>Naso unicornis</i>	Bluespine unicornfish	59	Timor-Leste; Tonga; Tuamotu Is.; Vanuatu; Viet Nam; Wake I.; Wallis Futuna; Yemen	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2010	32.05	Moderate risk		
Actinopteri	Acanthuriformes	Acanthuridae	Naso	<i>Naso vlamingii</i>	Bignose unicornfish	45	Tanzania; Timor-Leste; Tonga; Tuamotu Is.; Viet Nam; Wake I.	✓	✓ (low)	Rare	commercial	Least Concern	Decreasing	2010	37.74	Moderate risk		
Actinopteri	Carangiformes	Carangidae	Naucrates	<i>Naucrates ductor</i>	Pilotfish	166	Yemen	✓	No data	public aquariums	Least Concern	Stable	not assessed	2013	23.82	Lower risk		
Actinopteri	Centrarchiformes	Microcanthidae	Nealypus	<i>Nealypus obliquus</i>	Western footballer	1	Australia	✓	No data	commercial	Least Concern	Stable	not assessed	not assessed	2013	25.82	Lower risk	
Elasmobranchii	Orectolobiformes	Ginglymostomatidae	Nebrius	<i>Nebrius ferrugineus</i>	Tawny nurse shark	67	Nam; Wake I.; Yemen	✓	No data	Unspecified	Vulnerable	Decreasing	2020	75.55	Higher risk			
Actinopteri	Kurtiliformes	Apogonidae	Nectamia	<i>Nectamia fuscata</i>	Ghost cardinalfish	30	Philippines; Ryukyu Is.; Samoa; Saudi Arabia; Sri Lanka; Taiwan; Timor-Leste; Tonga; Tuamotu Is.; Viet Nam	✓	No data	rarely	Least Concern	Stable	2009	10.53	Lower risk			
Actinopteri	Kurtiliformes	Apogonidae	Nectamia	<i>Nectamia laurina</i>	Multi-banded cardinalfish	7	Australia; French Polynesia; Maldives; Micronesia; New Caledonia; Philippines; Timor-Leste	✓	No data	rarely	Least Concern	Stable	not assessed	not assessed	2010	10.53	Lower risk	
Elasmobranchii	Carcharhiniformes	Carcharhinidae	Negaprion	<i>Negaprion acutidens</i>	Sicklefin lemon shark	53	Sri Lanka; Sudan; Tahiti; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Viet Nam; Yemen	✓	No data	rarely	Endangered	Decreasing	2020	80.91	-			
Actinopteri	Perciformes/Serranidae	Serranidae	Nematalosa	<i>Nematalosa carberryi</i>	Threatfin anthias	8	Chagos Is.; Kenya; Maldives; Mayotte; Mozambique; Myanmar; New Caledonia; Oman; Pakistan; Palau; Papua New Guinea; Philippines; Runion; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Singapore; Somalia; South Africa; Sri Lanka; Sudan; Tahiti; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Viet Nam; Yemen	✓	✓ (low)	None	rarely	Least Concern	Unknown	2017	18.38	Lower risk		
Actinopteri	Perciformes/Serranidae	Serranidae	Nematalosa	<i>Nematalosa exequata</i>		23	Timor-Leste; Tonga; Viet Nam; Wake I.	✓	✓ (moderate)	None	rarely	Least Concern	Unknown	not assessed	not assessed	2015	10	Lower risk
Actinopteri	Gobiiformes	Gobiidae	Nemateleotris	<i>Nemateleotris decora</i>	Elegant firefish	23	Timor-Leste; Tonga; Viet Nam; Wake I.	✓	✓ (low)	Captive bred (not for retail)	commercial	Least Concern	Unknown	2015	10	Lower risk		
Actinopteri	Gobiiformes	Gobiidae	Nemateleotris	<i>Nemateleotris helveticus</i>	Helveticus dartfish	15	Palau; Papua New Guinea; Ryukyu Is.; Samoa; Tonga; Tuamotu Is.; Micronesia; North Marianas; Ogasawara Is.	✓	✓ (moderate)	None	commercial	Least Concern	Unknown	2015	10	Lower risk		
Actinopteri	Gobiiformes	Gobiidae	Nemateleotris	<i>Nemateleotris magnifica</i>	Fire goby	41	Vanuatu; Viet Nam	✓	✓ (moderate)	None	commercial	Least Concern	Unknown	2009	10	Lower risk		
Actinopteri	Centrarchiformes	Cirrhilabridae	Necorhynchus	<i>Necorhynchus armatus</i>	Flame hawkfish	23	Tahiti; Tonga; Tuamotu Is.; Wake I.	✓	✓ (low)	None	commercial	Least Concern	Unknown	2015	10	Lower risk		
Actinopteri	Ovalentaria	Pomacentridae	Neoglyphidodon	<i>Neoglyphidodon bonang</i>	Ocellated damselfish	4	Indonesia; Indonesia; Sri Lanka	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2022	24.75	Lower risk		
Actinopteri	Ovalentaria	Pomacentridae	Neoglyphidodon	<i>Neoglyphidodon crossi</i>	Cross damselfish	3	Indonesia; Philippines; Timor-Leste	✓	✓ (low)	Captive bred (not for retail)	Unspecified	Least Concern	Unknown	2022	24.92	Lower risk		
Actinopteri	Ovalentaria	Pomacentridae	Neoglyphidodon	<i>Neoglyphidodon melas</i>	Bowtie damselfish	29	Seychelles; Socotra Arch.; Solomon Is.; Taiwan; Tanzania; Thailand; Timor-Leste; Vanuatu; Viet Nam; Yemen	✓	✓ (low)	Captive bred (not for retail)	public aquariums	Least Concern	Unknown	2022	29.01	Lower risk		
Actinopteri	Ovalentaria	Pomacentridae	Neoglyphidodon	<i>Neoglyphidodon nigroris</i>	Black-and-gold chromis	18	Guinea; Philippines; Ryukyu Is.; Solomon Is.; Taiwan; Thailand; Timor-Leste; Vanuatu; Viet Nam	✓	✓ (low)	Captive bred (not for retail)	public aquariums	Least Concern	Unknown	2022	24.47	Lower risk		
Actinopteri	Ovalentaria	Pomacentridae	Neoglyphidodon	<i>Neoglyphidodon boycottii</i>	Bluestreak damselfish	4	Andaman Is.; Australia; Indonesia; Philippines	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2022	26.31	Lower risk		
Actinopteri	Ovalentaria	Pomacentridae	Neoglyphidodon	<i>Neoglyphidodon polyacanthus</i>	Multiple damselfish	4	Australia; Lord Howe I.; New Caledonia; Norfolk I.	✓	✓ (low)	None	Unspecified	Least Concern	Unknown	2022	27.48	Lower risk		

Non-CITES-listed marine ornamental fish species (n=2105), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Taxonomy						Range States			Evidence of species in international trade				Extinction risk/vulnerability					
Class	Order	Family	Genus	Species	Common Name	No of native range States	List of native range States	Evidence of species in International trade	Species Imported in EU and/or UK (% Imports)	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Red List year of assessment	Vulnerability (FishBase)	Likelihood of threat from International Trade		
Actinopteri	Mugiliformes	Mugilidae	Neomyrus	<i>Neomyrus leuciscus</i>	Acute-jawed mullet	19	American Samoa; Caroline Is.; Cook Is.; Fiji; French Polynesia; Guam; Hawaii; Japan; Kiribati; Marquesas Is.; Marshall Is.; Micronesia; New Caledonia; North Marianas; Ogasawara Is.; Pitcairn; Samoa; Solomon Is.; Wake I.			No data	commercial	not assessed	not assessed	not assessed		53.14	-	
Actinopteri	Holocentiformes	Holocentridae	Neoniphon	<i>Neoniphon argenteus</i>	Clearfin squirrelfish	29	American Samoa; Australia; Chagos Is.; China; Cocos Is. (Keel); Cook Is.; Fiji; French Polynesia; Guam; India; Indonesia; Japan; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Seychelles; Tanzania; Tonga; Tuamotu Is.; Viet Nam			No data	rarely	Least Concern	Unknown	2015		18.25	Lower risk	
Actinopteri	Holocentiformes	Holocentridae	Neoniphon	<i>Neoniphon marianus</i>	Longjaw squirrelfish	24	Green; Trinidad Tobago; USA; Virgin Is. (UK)			No data	rarely	Least Concern	Unknown	2013		13.79	Lower risk	
Actinopteri	Holocentiformes	Holocentridae	Neoniphon	<i>Neoniphon samurae</i>	Samurae squirrelfish	5	American Samoa; Andaman Is.; Australia; Cargados Carjoo; Chagos Is.; China; Cocos Is. (Keel); Comoros; Cook Is.; Egypt; Fiji; French Polynesia; Guam; Hawaii; India; Indonesia; Japan; Jordan; Korea (South); Lord Howe I.; Madagascar; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Mayotte; Micronesia; Mozambique; Myanmar; New Caledonia; North Marianas; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Pitcairn; Runion; Samoa; Seychelles; Socotra Arch.; Somalia; South Africa; Sri Lanka; Taiwan; Tanzania; Timor-Leste; Tonga; Viet Nam; Yemen			No data	commercial	Least Concern	Unknown	2015		25.61	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	Neopomacentrus	<i>Neopomacentrus azyron</i>	Yellowtail demoiselle	15	Philippines; Solomon Is.; Taiwan; Timor-Leste; Vanuatu; Viet Nam	✓	✓ (low)	None	commercial	Least Concern	Unknown	2022		15.01	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	Neopomacentrus	<i>Neopomacentrus bankieri</i>	Chinese demoiselle	8	Australia; Hong Kong; Indonesia; New Caledonia; Papua New Guinea; Philippines; Thailand; Viet Nam	✓	✓ (very low)	Captive bred (not for retail)	Unspecified	Least Concern	Unknown	2009		16.21	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	Neopomacentrus	<i>Neopomacentrus cyanopus</i>	Regal demoiselle	27	Africa; Sri Lanka; Taiwan; Thailand; United Arab Em.; Vanuatu; Viet Nam; Yemen	✓	✓ (very low)	Captive bred (not for retail)	Unspecified	Least Concern	Unknown	2022		20.93	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	Neopomacentrus	<i>Neopomacentrus filamentosus</i>	Brown demoiselle	12	Solomon Is.; Thailand; Viet Nam	✓	✓	Unspecified	Least Concern	Unknown	2022		22.69	Lower risk		
Actinopteri	Ovalentaria	Pomacentridae	Neopomacentrus	<i>Neopomacentrus metallicus</i>	Metallic demoiselle	3	Fiji; Samoa; Tonga	✓	✓	No data	Unspecified	Least Concern	Unknown	2022		14.42	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	Neopomacentrus	<i>Neopomacentrus myriss</i>	Mirr's demoiselle	5	Egypt; Israel; Jordan; Oman; Saudi Arabia	✓	✓	No data	Unspecified	Least Concern	Unknown	2022		22.69	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	Neopomacentrus	<i>Neopomacentrus nemurus</i>	Coral demoiselle	8	Australia; Indonesia; New Caledonia; Palau; Papua New Guinea; Philippines; Solomon Is.; Vanuatu	✓	✓ (low)	Captive bred (not for retail)	public aquariums	Least Concern	Unknown	2022		16.21	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	Neopomacentrus	<i>Neopomacentrus taeniurus</i>	Freshwater demoiselle	22	Andaman Is.; Australia; China; Hong Kong; India; Indonesia; Japan; Kenya; Mozambique; New Caledonia; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Seychelles; Solomon Is.; Somalia; Sri Lanka; Tanzania; Thailand;			No data	rarely	Data Deficient	Unknown	2010		20.93	-	
Actinopteri	Ovalentaria	Pomacentridae	Neopomacentrus	<i>Neopomacentrus violaceus</i>	Violet demoiselle	16	Australia; China; Fiji; Indonesia; Japan; Korea (South); Myanmar; New Caledonia; Palau; Papua New Guinea;			Captive bred (not for retail)	Unspecified	Least Concern	Unknown	2022		15.01	Lower risk	
Actinopteri	Callionymiformes	Callionymidae	Neosychropus	<i>Neosychropus japonicus</i>	Japanese dragonet	2	Japan; Korea (South)	✓	✓	No data	commercial	not assessed	not assessed	not assessed		14.62	-	
Actinopteri	Callionymiformes	Callionymidae	Neosychropus	<i>Neosychropus ocellatus</i>	Ocellated dragonet	23	American Samoa; Australia; China; Fiji; French Polynesia; Indonesia; Japan; Marquesas Is.; Marshall Is.; Micronesia; New Caledonia; Palau; Papua New Guinea; Philippines; Pitcairn; Ryukyu Is.; Samoa; Solomon Is.; Taiwan; Timor-Leste; Tonga; Viet Nam; Wake I.	✓	✓ (moderate)	Common	commercial	not assessed	not assessed	not assessed		13.37	Lower risk	
Elasmobranchii	Myliobatiformes	Dasyatidae	Neotrygon	<i>Neotrygon kuhlii</i>	Blue-spotted stingray	2	Solomon Is.; Timor-Leste	✓	✓ (very low)	None	commercial	Data Deficient	Unknown	2017		52.49	Moderate risk	
Actinopteri	Perciformes/Scorpaenoidi	Tetraodonidae	Neovespicula	<i>Neovespicula depressifrons</i>	Leaf gobiinfish	4	Andaman Is.; Indonesia; Papua New Guinea; Philippines	✓	✓ (very low)	No data	rarely	not assessed	not assessed	not assessed		31.75	Moderate risk	
Actinopteri	Gobiiformes	Gobiidae	Nes	<i>Nes longus</i>	Orange-spotted goby	29	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Bermuda; Cayman Is.; Cuba; Curaao I.; Dominica; Dominican Rp.; Grenada; Guadeloupe; Haiti; Jamaica; Martinique; Mexico; Montserrat; Panama; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)			No data	Unspecified	Least Concern	Unknown	2010		18.38	-	
Actinopteri	Esperacaria	Labiidae	Navaculichthys	<i>Navaculichthys tanouarsi</i>	Rocklover wrasse	5	American Samoa; Andaman Is.; Australia; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Cook Is.; Costa Rica; Egypt; El Salvador; French Polynesia; Galapagos Is.; Guam; Guatemala; Hawaii; Honduras; India; Indonesia; Japan; Kenya; Lord Howe I.; Madagascar; Malaysia; Maldives; Marshall Is.; Mauritius; Mexico; Micronesia; Mozambique; New Caledonia; Nicaragua; Norfolk I.; North Marianas; Ogasawara Is.; Oman; Palau; Panama; Papua New Guinea;			✓ (very low)	None	commercial	Least Concern	Unknown	2009		34.51	Moderate risk
Actinopteri	Esperacaria	Labiidae	Navaculichthys	<i>Navaculichthys macrocephalus</i>	Seagrass wrasse	25	Bahamas; Cuba; Mexico; Trinidad Tobago; USA; Virgin Is. (US)	✓	✓ (very low)	No data	Unspecified	Least Concern	Unknown	2014		57.08	Moderate risk	
Actinopteri	Esperacaria	Labiidae	Navaculichthys	<i>Navaculichthys halsteadii</i>	Halstead's sandy	7	French Polynesia; Guam; Indonesia; North Marianas; Papua New Guinea; Tahiti; Wake I.	✓	✓ (very low)	No data	commercial	not assessed	not assessed	not assessed		24.41	Lower risk	
Actinopteri	Esperacaria	Lutjanidae	Ocyurus	<i>Ocyurus chrysurus</i>	Yellowtail snapper	49	Andaman Is.; Australia; China; Christmas I.; Cocos Is. (Keel); Cook Is.; Egypt; Fiji; French Polynesia; Guam; India; Indonesia; Japan; Jordan; Kenya; Kiribati; Madagascar; Malaysia; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; North Marianas; Palau; Papua New Guinea; Philippines;			No data	public aquariums	Data Deficient	Decreasing	2015		64.92	Higher risk	
Actinopteri	Perciformes/Serranoidi	Serranidae	Odonanthias	<i>Odonanthias boninensis</i>	Checked swallowtail	13	Seychelles; South Africa; Taiwan	✓	✓ (low)	Rare	rarely	Least Concern	Unknown	2015		25.41	Lower risk	
Actinopteri	Esperacaria	Odontoscion	Odontoscion	<i>Odontoscion dentex</i>	Reef croaker	34	Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓	No data	Unspecified	Least Concern	Unknown	2020		24.56	Lower risk	
Actinopteri	Tetraodontiformes	Balistidae	Odonus	<i>Odonus niger</i>	Red-toothed triggerfish	48	American Samoa; Andaman Is.; Australia; China; Christmas I.; Cocos Is. (Keel); Cook Is.; Egypt; Fiji; French Polynesia; Guam; India; Indonesia; Japan; Jordan; Kenya; Kiribati; Madagascar; Malaysia; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; North Marianas; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Runion; Samoa; Saudi Arabia; Seychelles; Socotra Arch.; Somalia; South Africa; Sri Lanka; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Viet Nam; Yemen	✓	✓ (low)	Rare	commercial	Least Concern	Unknown	2022		37.89	Lower risk	
Actinopteri	Lophiformes	Ogcocephalidae	Ogcocephalus	<i>Ogcocephalus nasutus</i>	Thornose batfish	34	Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (very low)	No data	commercial	Least Concern	Unknown	2014		56.61	Lower risk	
Actinopteri	Lophiformes	Ogcocephalidae	Ogcocephalus	<i>Ogcocephalus radatus</i>	Pink-dot batfish	6	Bahamas; Cuba; Mexico; Trinidad Tobago; USA; Virgin Is. (US)	✓	✓	No data	Unspecified	Least Concern	Unknown	2011		24.24	-	
Actinopteri	Lophiformes	Ogcocephalidae	Ogcocephalus	<i>Ogcocephalus vespertilio</i>	Seadwll	4	Brazil; Cuba; Trinidad Tobago; Uruguay	✓	✓	No data	commercial	Least Concern	Unknown	2018		46.98	Lower risk	
Actinopteri	Ovalentaria	Pseudochromidae	Ogilbyina	<i>Ogilbyina novaezelandiae</i>	Multicolor dotrybat	1	Australia	✓	✓ (very low)	Captive bred (not for retail)	commercial	Least Concern	Unknown	2022		18.98	Lower risk	
Actinopteri	Pseudochromidae	Ogilbyina	<i>Ogilbyina greenlandiae</i>	Queenland dotrybat		1	Australia	✓	✓	No data	commercial	Least Concern	Unknown	2022		24.91	Lower risk	
Actinopteri	Carangiformes	Carangidae	Oligoplites	<i>Oligoplites taurus</i>	Leatherjacket	43	Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓	No data	rarely	Least Concern	Unknown	2018		26.02	Lower risk	
Actinopteri	Tetraodontiformes	Tetraodontidae	Omobranchius	<i>Omobranchius yvanispaetata</i>		1	Australia	✓	✓	No data	rarely	Least Concern	Unknown	2011		24.24	-	
Actinopteri	Bleniiformes	Bleniidae	Omobranchius	<i>Omobranchius anolis</i>		1	Australia	✓	✓ (low)	No data	rarely	Least Concern	Stable	2019		14.21	Lower risk	
Actinopteri	Bleniiformes	Bleniidae	Omobranchius	<i>Omobranchius elongatus</i>		5	China; Japan; Korea (South); Taiwan; Viet Nam	✓	✓ (very low)	No data	rarely	Least Concern	Stable	2009		12.01	Lower risk	
Actinopteri	Bleniiformes	Bleniidae	Omobranchius	<i>Omobranchius elongatus</i>	Cloister blenny	22	Thailand; Viet Nam	✓	✓	No data	commercial	Least Concern	Stable	2009		12.01	-	
Actinopteri	Bleniiformes	Bleniidae	Ophoblennius	<i>Ophoblennius atlanticus</i>		33	Trinidad Tobago; USA; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (very low)	None	commercial	Least Concern	Unknown	2011		28.88	Lower risk	
Actinopteri	Bleniiformes	Bleniidae	Ophoblennius	<i>Ophoblennius maculatus</i>	Redtip blenny	10	Bahamas; Brazil; Cuba; Colombia; Mexico; Puerto Rico; St Vincent Gren.; Trinidad Tobago; USA; Venezuela	✓	✓	No data	commercial	Least Concern	Unknown	2007		22.93	Lower risk	
Actinopteri	Bleniiformes	Bleniidae	Ophoblennius	<i>Ophoblennius steindachneri</i>	Large-banded blenny	11	Peru	✓	✓	No data	commercial	Least Concern	Stable	2007		33.8	Moderate risk	
Actinopteri	Ovalentaria	Opistognathidae	Opistognathus	<i>Opistognathus allenii</i>	Abraxias jawfish	1	Australia	✓	✓ (low)	No data	rarely	not assessed	not assessed	not assessed		10	Lower risk	
Actinopteri	Ovalentaria	Opistognathidae	Opistognathus	<i>Opistognathus airoonis</i>	Yellowhead jawfish	30	USA	✓	✓ (low)	Captive bred (not for retail)	commercial	Least Concern	Stable	2012		10	Lower risk	
Actinopteri	Ovalentaria	Opistognathidae	Opistognathus	<i>Opistognathus jacksoniensis</i>	Smiler	1	Australia	✓	✓	No data	commercial	not assessed	not assessed	not assessed		10	-	
Actinopteri	Ovalentaria	Opistognathidae	Opistognathus	<i>Opistognathus leucurus</i>	Moustache jawfish	8	Colombia; Cuba; Guyana; Haiti; Mexico; Puerto Rico; Suriname; USA	✓	✓ (low)	No data	commercial	Least Concern	Stable	2012		10	Lower risk	
Actinopteri	Ovalentaria	Opistognathidae	Opistognathus	<i>Opistognathus macrognathus</i>	Banded jawfish	6	Guatemala; Guadeloupe; Haiti; Martinique; Mexico; Montserrat; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.;			Captive bred (not for retail)	commercial	Least Concern	Stable	2012		10	Lower risk	
Actinopteri	Ovalentaria	Opistognathidae	Opistognathus	<i>Opistognathus maculatus</i>	Mottled jawfish	26	Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓	No data	commercial	Least Concern	Unknown	2009		10	Lower risk	
Actinopteri	Ovalentaria	Opistognathidae	Opistognathus	<i>Opistognathus muscatensis</i>	Robust jawfish	12	Bahrain; Djibouti; Iraq; Kenya; Kuwait; Mozambique; Oman; Qatar; Saudi Arabia; Seychelles; South Africa; United Arab Em.	✓	✓	No data	commercial	Least Concern	Unknown	2017		23.35	-	
Actinopteri	Ovalentaria	Opistognathidae	Opistognathus	<i>Opistognathus panamensis</i>	Panamanian jawfish	3	Cocos I. (C.R.); Colombia; Panama	✓	✓	No data	rarely	Least Concern	Unknown	2007		10	-	
Actinopteri	Ovalentaria	Opistognathidae	Opistognathus	<i>Opistognathus randalli</i>	Gold-spots jawfish	4	Indonesia; Malaysia; Philippines; Timor-Leste	✓	✓ (low)	None	rarely	not assessed	not assessed	not assessed		10	Lower risk	

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Taxonomy					Range States			Evidence of species in international trade				Extinction risk/vulnerability				
Class	Order	Family	Genus	Species	Common Name	No of native range States	List of native range States	Evidence of species in international trade	Species imported in EU and/or UK (% Imports)	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Red List year of assessment	Vulnerability (FishBase)	Likelihood of threat from international trade
Actinopteri	Ovalentaria	Opiosteginae	Opiostegus	<i>Opiostegus roseolatus</i>	Blue-spotted jawfish	1	Mexico	✓	✓ (low)	None	rarely	Least Concern	Unknown	2007	10	Lower risk
Actinopteri	Ovalentaria	Opiosteginae	Opiostegus	<i>Opiostegus rubrorufus</i>	Red-lined Jawfish	1	Indonesia	✓	✓ (low)	None	Unspecified	not assessed	not assessed	not assessed	10	Lower risk
Actinopteri	Ovalentaria	Opiosteginae	Opiostegus	<i>Opiostegus scops</i>	Bullseye jawfish	7	Costa Rica; El Salvador; Guatemala; Honduras; Mexico; Nicaragua; Panama	✓	✓ (low)	None	commercial	Least Concern	Unknown	2007	10	Lower risk
Actinopteri	Ovalentaria	Opiosteginae	Opiostegus	<i>Opiostegus whitehursti</i>	Dusky jawfish	7	Bahamas; Cuba; Mexico; Puerto Rico; Trinidad Tobago; USA; Venezuela	✓	✓ (low)	No data	commercial	Least Concern	Stable	2012	10	Lower risk
Actinopteri	Centrarchiformes	Oplegrynidae	Oplegrynus	<i>Oplegrynus conwayi</i>	Cape knifefish	1	South Africa	✓	No data	rarely	rarely	not assessed	not assessed	not assessed	41.55	Moderate risk
Actinopteri	Centrarchiformes	Oplegrynidae	Oplegrynus	<i>Oplegrynus robinsoni</i>	Natal knifefish	2	Mozambique; South Africa	✓	No data	rarely	rarely	not assessed	not assessed	not assessed	38.27	Moderate risk
Actinopteri	Gobiiformes	Gobiidae	Diplopmus	<i>Diplopmus gelpomus</i>	Spirocheck goby	23	Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Taiwan	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2018	22.58	Lower risk
Actinopteri	Batrachoidformes	Batrachoididae	Osmare	<i>Osmare tar</i>	Oyster toadfish	1	USA	✓	No data	Captive bred (not for retail)	public aquariums	Least Concern	Unknown	2015	49.93	Lower risk
Elasmobranchii	Orectolobiformes	Orectolobidae	Orectolobus	<i>Orectolobus japonicus</i>	Japanese webbing	8	China; Hong Kong; Japan; Korea (North); Korea (South); Macau; Taiwan; Viet Nam	✓	No data	rarely	rarely	Least Concern	Decreasing	2020	99.35	Lower risk
Actinopteri	Espercaria	Haemulidae	Orthopristis	<i>Orthopristis chrysoptera</i>	Pinfish	7	Bahamas; Belize; Bermuda; Cuba; Mexico; Trinidad Tobago; USA	✓	No data	None	public aquariums	Least Concern	Unknown	2011	50.68	Moderate risk
Actinopteri	Kuriformes	Apogonidae	Ostorichthys	<i>Ostorichthys angustatus</i>	Broadstriped cardinalfish	38	American Samoa; Andaman Is.; Australia; Bahamas; Cambodia; Cargados Carajos; Chagos Is.; Christmas I.; Egypt; Fiji; French Polynesia; Guam; Indonesia; Japan; Kenya; Kiribati; Madagascar; Maldives; Marshall Is.; Mauritius; Mayotte; Micronesia; Mozambique; New Caledonia; North Mariana; Palau; Papua New Guinea; Philippines; Pitcairn; R�union; Ryukyu Is.; Samoa; Seychelles; South Africa; Taiwan; Tanzania; Timor-Leste; Tonga; Tuamotu Is.; Viet Nam	✓	No data	Unspecified	Least Concern	Unknown	2022	10.53	Lower risk	
Actinopteri	Kuriformes	Apogonidae	Ostorichthys	<i>Ostorichthys apogonoides</i>	Short-tooth cardinal	26	R�union; Seychelles; South Africa; Taiwan; Tanzania; Timor-Leste	✓	No data	rarely	rarely	Least Concern	Unknown	2022	10	Lower risk
Actinopteri	Kuriformes	Apogonidae	Ostorichthys	<i>Ostorichthys aureus</i>	Ring-tailed cardinalfish	32	Andaman Is.; Australia; Christmas I.; Comoros; Djibouti; Hong Kong; Indonesia; Israel; Japan; Jordan; Kenya; Madagascar; Malaysia; Mauritius; Mayotte; Mozambique; New Caledonia; Oman; Papua New Guinea; Philippines; R�union; Saudi Arabia; Seychelles; South Africa; Sri Lanka; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Viet Nam; Yemen	✓	No data	commercial	Least Concern	Unknown	2022	13.37	Lower risk	
Actinopteri	Kuriformes	Apogonidae	Ostorichthys	<i>Ostorichthys chrysomus</i>	Spotted-gill cardinalfish	7	Australia; Indonesia; Malaysia; Papua New Guinea; Philippines; Solomon Is.; Viet Nam	✓	No data	rarely	rarely	Least Concern	Unknown	2022	10	Lower risk
Actinopteri	Kuriformes	Apogonidae	Ostorichthys	<i>Ostorichthys chrysoaenia</i>	Yellow-lined cardinalfish	14	Ryukyu Is.; Solomon Is.; Taiwan; Timor-Leste; Viet Nam	✓	No data	rarely	rarely	Least Concern	Unknown	2022	11.53	Lower risk
Actinopteri	Kuriformes	Apogonidae	Ostorichthys	<i>Ostorichthys compressus</i>	Oche-striped cardinalfish	15	Andaman Is.; Australia; Indonesia; Japan; Malaysia; Micronesia; New Caledonia; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Solomon Is.; Taiwan; Vanuatu; Viet Nam	✓	✓ (low)	No data	potential	not assessed	not assessed	not assessed	11.53	Lower risk
Actinopteri	Kuriformes	Apogonidae	Ostorichthys	<i>Ostorichthys cooki</i>	Cook's cardinalfish	27	Andaman Is.; Australia; Bahrain; China; Egypt; Fiji; Hong Kong; Indonesia; Israel; Japan; Jordan; Kenya; Korea (South); Kuwait; New Caledonia; Oman; Papua New Guinea; Philippines; Qatar; Ryukyu Is.; Saudi Arabia; Solomon Is.; South Africa; Taiwan; Thailand; Tonga; United Arab Em.	✓	No data	Unspecified	Least Concern	Unknown	2022	10	Lower risk	
Actinopteri	Kuriformes	Apogonidae	Ostorichthys	<i>Ostorichthys cyanozona</i>	Yellow-striped cardinalfish	39	American Samoa; Andaman Is.; Australia; Bahrain; Cargados Carajos; Cocos Is. (Keel); Comoros; Fiji; Indonesia; Israel; Japan; Jordan; Korea (South); Kuwait; Madagascar; Maldives; Marshall Is.; Mauritius; Mayotte; Mozambique; New Caledonia; North Mariana; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Qatar; Ryukyu Is.; Saudi Arabia; Seychelles; Solomon Is.; Taiwan; Tanzania; Tonga; United Arab Em.; Vanuatu; Viet Nam; Yemen	✓	✓ (moderate)	Common	commercial	Least Concern	Unknown	2022	10	Lower risk
Actinopteri	Kuriformes	Apogonidae	Ostorichthys	<i>Ostorichthys fasciatus</i>	Broadbanded cardinalfish	32	Em; Viet Nam	✓	✓ (low)	No data	Unspecified	Least Concern	Unknown	2022	12.01	Lower risk
Actinopteri	Kuriformes	Apogonidae	Ostorichthys	<i>Ostorichthys hartsfieldi</i>	Hartsfield's cardinalfish	7	Australia; Indonesia; Palau; Papua New Guinea; Philippines; Timor-Leste; Viet Nam	✓	No data	commercial	Least Concern	Unknown	2022	11.53	Lower risk	
Actinopteri	Kuriformes	Apogonidae	Ostorichthys	<i>Ostorichthys margaritophorus</i>	Red-striped cardinalfish	6	Australia; Indonesia; Malaysia; Papua New Guinea; Philippines; Solomon Is.	✓	✓ (low)	Common	rarely	not assessed	not assessed	not assessed	10	Lower risk
Actinopteri	Kuriformes	Apogonidae	Ostorichthys	<i>Ostorichthys moluccensis</i>	Moluccan cardinalfish	12	Thailand; Timor-Leste	✓	No data	Unspecified	Least Concern	Unknown	2022	10	Lower risk	
Actinopteri	Kuriformes	Apogonidae	Ostorichthys	<i>Ostorichthys nevenfasciatus</i>	Sevenstriped cardinalfish	26	Philippines; Samoa; Solomon Is.; Taiwan; Timor-Leste; Tonga	✓	✓ (low)	No data	Unspecified	Least Concern	Unknown	2022	10	Lower risk
Actinopteri	Kuriformes	Apogonidae	Ostorichthys	<i>Ostorichthys parvulus</i>	Small cardinalfish	7	Brunei Darussalam; Indonesia; Japan; Malaysia; Philippines; Ryukyu Is.; Taiwan	✓	✓ (moderate)	No data	rarely	Least Concern	Unknown	2022	10	Lower risk
Actinopteri	Kuriformes	Apogonidae	Ostorichthys	<i>Ostorichthys sealei</i>	Seale's cardinalfish	11	Is.; Viet Nam	✓	✓ (Very low)	No data	Unspecified	not assessed	not assessed	not assessed	10	Lower risk
Actinopteri	Kuriformes	Apogonidae	Ostorichthys	<i>Ostorichthys taeniophorus</i>	Reef-flat cardinalfish	39	Australia; Cargados Carajos; Caroline I.; Chagos Is.; Christmas I.; Cocos Is. (Keel); Comoros; Egypt; Fiji; French Polynesia; Guam; Hong Kong; India; Indonesia; Japan; Kiribati; Madagascar; Maldives; Marshall Is.; Mauritius; Mayotte; Micronesia; Mozambique; New Caledonia; North Mariana; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Pitcairn; R�union; Rodrigues; Seychelles; Solomon Is.; South Africa; Tahiti; Taiwan; Timor-Leste; Tonga	✓	No data	commercial	not assessed	not assessed	not assessed	11.03	Lower risk	
Actinopteri	Tetraodoniformes	Ostraciidae	Ostracion	<i>Ostracion cubicum</i>	Yellow boxfish	9	American Samoa; Andaman Is.; Australia; Bahrain; Cambodia; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Cook Is.; Egypt; French Polynesia; Guam; Hawaii; Hong Kong; India; Indonesia; Japan; Jordan; Kermadec Is.; Korea (South); Kuwait; Lord Howe I.; Malaysia; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Micronesia; Mozambique; Myanmar; New Caledonia; New Zealand; Norfolk I.; North Mariana; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Qatar; R�union; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Scottia Arch.; South Africa; Sri Lanka; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuamotu Is.; United Arab Em.; Vanuatu; Viet Nam; Yemen	✓	✓ (moderate)	No data	commercial	not assessed	not assessed	not assessed	23.35	Lower risk
Actinopteri	Tetraodoniformes	Ostraciidae	Ostracion	<i>Ostracion cyanum</i>	Bluetail trunkfish	9	Bahrain; Egypt; Jordan; Kuwait; Oman; Qatar; Saudi Arabia; United Arab Em.; Yemen	✓	✓ (Very low)	None	rarely	not assessed	not assessed	not assessed	10	Lower risk
Actinopteri	Tetraodoniformes	Ostraciidae	Ostracion	<i>Ostracion meleagris</i>	Whitespotted boxfish	44	American Samoa; Andaman Is.; Australia; Bahrain; Cambodia; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Cook Is.; Egypt; French Polynesia; Guam; Hawaii; Hong Kong; India; Indonesia; Japan; Jordan; Kermadec Is.; Korea (South); Kuwait; Lord Howe I.; Malaysia; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Micronesia; Mozambique; Myanmar; New Caledonia; New Zealand; Norfolk I.; North Mariana; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Qatar; R�union; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Scottia Arch.; South Africa; Sri Lanka; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuamotu Is.; United Arab Em.; Vanuatu; Viet Nam; Yemen	✓	✓ (low)	None	commercial	not assessed	not assessed	not assessed	13.16	Lower risk
Actinopteri	Tetraodoniformes	Ostraciidae	Ostracion	<i>Ostracion rhinorhynchus</i>	Horn-nosed boxfish	10	Australia; China; Hong Kong; Indonesia; Japan; Malaysia; Maldives; Philippines; Sri Lanka; Taiwan	✓	No data	potential	not assessed	not assessed	not assessed	18.57	Lower risk	
Actinopteri	Tetraodoniformes	Ostraciidae	Ostracion	<i>Ostracion solowense</i>	Retioulata boxfish	11	Tonga	✓	✓ (low)	No data	commercial	not assessed	not assessed	not assessed	10	Lower risk
Actinopteri	Tetraodoniformes	Ostraciidae	Ostracion	<i>Ostracion trachys</i>	Roughskin trunkfish	2	Mauritius; R�union	✓	✓ (Very low)	No data	rarely	not assessed	not assessed	not assessed	10	Lower risk
Actinopteri	Tetraodoniformes	Ostraciidae	Ostracion	<i>Ostracion whitefly</i>	Whitely's box	5	French Polynesia; Hawaii; Johnston I.; Marquesas Is.; Tuamotu Is.	✓	✓ (Very low)	None	commercial	not assessed	not assessed	not assessed	10	Lower risk
Actinopteri	Ovalentaria	Pseudocentridae	Oxyurichthys	<i>Oxyurichthys veloxus</i>	Saifin dotrybask	1	Australia	✓	✓ (Very low)	Captive bred (not for retail)	commercial	Least Concern	Unknown	2022	22.27	Lower risk
Actinopteri	Espercaria	Labridae	Oxycheilinus	<i>Oxycheilinus bimaculatus</i>	Two-spot wrasse	34	American Samoa; Andaman Is.; Australia; Chagos Is.; China; Christmas I.; Cook Is.; French Polynesia; Galapagos Is.; Guam; Hawaii; India; Indonesia; Japan; Kenya; Lord Howe I.; Maldives; Marshall Is.; Mauritius; Mexico; Micronesia; Mozambique; New Caledonia; New North Mariana; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Pitcairn; Ryukyu Is.; Samoa; Solomon Is.; Taiwan; Timor-Leste; Tonga	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2008	24.31	Lower risk
Actinopteri	Espercaria	Labridae	Oxycheilinus	<i>Oxycheilinus celebensis</i>	Celebes wrasse	20	Australia; China; Indonesia; Japan; Marshall Is.; Micronesia; Myanmar; New Caledonia; New North Mariana; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Solomon Is.; Taiwan; Thailand; Timor-Leste; Tonga; Viet Nam	✓	No data	commercial	Least Concern	Unknown	2009	31.13	-	
Actinopteri	Espercaria	Labridae	Oxycheilinus	<i>Oxycheilinus digramma</i>	Cheeklined wrasse	37	American Samoa; Andaman Is.; Australia; Chagos Is.; China; Cook Is.; Egypt; Fiji; India; Indonesia; Japan; Jordan; Kenya; Malaysia; Maldives; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; Palau; Papua New Guinea; Philippines; R�union; Ryukyu Is.; Samoa; Seychelles; Somalia; South Africa; Sri Lanka; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Viet Nam; Wallis Futuna	✓	No data	commercial	Least Concern	Unknown	2009	52.24	-	
Actinopteri	Espercaria	Labridae	Oxycheilinus	<i>Oxycheilinus orientalis</i>	Oriental moori wrasse	20	Australia; China; Guam; Indonesia; Japan; Jordan; Marshall Is.; Micronesia; New Caledonia; North Mariana; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Solomon Is.; Taiwan; Tanzania; Viet Nam; Wake I.	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2009	28.6	Lower risk
Actinopteri	Espercaria	Labridae	Oxycheilinus	<i>Oxycheilinus unifasciatus</i>	Ringtail moori wrasse	31	American Samoa; Australia; Brunei Darussalam; Christmas I.; Cocos Is. (Keel); Cook Is.; French Polynesia; Guam; Hawaii; Hong Kong; Indonesia; Japan; Marquesas Is.; Marshall Is.; Micronesia; New Caledonia; New North Mariana; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Pitcairn; Ryukyu Is.; Samoa; Solomon Is.; Taiwan; Timor-Leste; Tonga; Tuamotu Is.; Viet Nam	✓	No data	commercial	Least Concern	Unknown	2008	44	-	
Actinopteri	Centrarchiformes	Cirrhidae	Oxyrinchus	<i>Oxyrinchus typus</i>	Longnose hawkfish	39	Andaman Is.; Australia; Chagos Is.; Christmas I.; Cocos Is. (Keel); Colombia; Costa Rica; Egypt; El Salvador; French Polynesia; Galapagos Is.; Guam; Guatemala; Hawaii; Honduras; Indonesia; Japan; Jordan; Maldives; Marshall Is.; Mauritius; Mexico; Micronesia; Mozambique; New Caledonia; North Mariana; Ogasawara Is.; Palau; Panama; Papua New Guinea; Philippines; R�union; Philippines; Seychelles; South Africa; Sudan; Taiwan; Timor-Leste; Tonga; Wake I.	✓	✓ (low)	None	commercial	Least Concern	Unknown	2015	10	Lower risk
Actinopteri	Gobiiformes	Gobiidae	Oymatopon	<i>Oymatopon compressus</i>	Robust ribbongoby	5	Australia; Hong Kong; Indonesia; Papua New Guinea; Philippines	✓	No data	commercial	Least Concern	Unknown	2022	19.28	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Oymatopon	<i>Oymatopon cyathostomum</i>	Blue-barred ribbon goby	5	Indonesia; Japan; Marquesas Is.; Marshall Is.; Micronesia; New Caledonia; New North Mariana; Ogasawara Is.; Palau; Papua New Guinea; Philippines	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2022	10	Lower risk
Actinopteri	Monacanthiformes	Monacanthidae	Oymonacanthus	<i>Oymonacanthus hali</i>	Red sea lionfish	1	Saudi Arabia	✓	No data	rarely	rarely	Vulnerable	Decreasing	2017	11.03	-
Actinopteri	Tetraodoniformes	Monacanthidae	Oymonacanthus	<i>Oymonacanthus longirostris</i>	Harlequin filefish	34	Andaman Is.; Australia; Chagos Is.; China; Christmas I.; Guam; India; Indonesia; Japan; Lord Howe I.; Maldives; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; North Mariana; Ogasawara Is.; Palau; Papua New Guinea; Philippines; R�union; Ryukyu Is.; Samoa; Seychelles; Somalia; Sri Lanka; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Vanuatu; Viet Nam	✓	✓ (low)	Captive bred (not for retail)	commercial	Vulnerable	Decreasing	2015	17.67	Higher risk
Actinopteri	Gobiiformes	Gobiidae	Oxyurichthys	<i>Oxyurichthys papuanus</i>	Frogface goby	18	Andaman Is.; China; Guam; Hong Kong; Indonesia; Japan; Micronesia; Mozambique; New Caledonia; Oman; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Seychelles; South Africa; Taiwan; Viet Nam	✓	No data	commercial	Least Concern	Unknown	2017	34.69	-	
Actinopteri	Gobiiformes	Gobiidae	Oxyurichthys	<i>Oxyurichthys stomatophis</i>	Sootyfin goby	11	Antigua Barbuda; Bahamas; Belize; Cayman Is.; Cuba; Guyana; Martinique; Mexico; Puerto Rico; Suriname; USA	✓	No data	commercial	Least Concern	Unknown	2010	25.85	-	

Non-CITES-listed marine ornamental fish species (n=210), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Taxonomy						Range States		Evidence of species in international trade	Species imported in EU and/or US (%) Imports	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Extinction risk/vulnerability			
Class	Order	Family	Genus	Species	Common Name	No of native range States	List of native range States							Red List year of assessment	Vulnerability (FishBase)	Likelihood of threat from International trade	
Actinopteri	Blenniiformes	Blenniidae	Parablennius	<i>Parablennius marmoratus</i>	Seaweed blenny		Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Bermuda; Brazil; Cayman Is.; Colombia; Cuba; Curaçao; J. I.; Dominican; Dominican Rp; Grenada; Guadeloupe; Haiti; Honduras; Jamaica; Martinique; Mexico; Montserrat; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Trinidad Tobago; Turks Caicos Is.; USA; 32	✓	32	Captive bred (not for retail)	commercial	Least Concern	Unknown	2007	15.77	Lower risk	
Actinopteri	Acanthuriformes	Acanthuridae	Paracanthurus	<i>Paracanthurus hepatus</i>	Palette surgeonfish		American Samoa; Andaman Is.; Australia; Caroline I.; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Comoros; Cook Is.; Guam; Hong Kong; India; Indonesia; Japan; Kiribati; Lord Howe I.; Maldives; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; Norfolk I.; North Mariana; Ogasawara Is.; Palau; Papua New Guinea; Philippines; RÅdunion; Ryukyu Is.; Samoa; Seychelles; South Africa; Sri Lanka; Taiwan; Tanzania; Timor-Leste; Tonga; Vanuatu; Viet Nam; Wake I.	✓	43	✓ (moderate)	Rare	commercial	Least Concern	Unknown	2010	27.9	Lower risk
Actinopteri	Perciformes/Scorpaenoidi	Tetraogoniidae	Paracentrogon	<i>Paracentrogon longispinis</i>	Wispay waspfish		Australia; China; Hong Kong; India; Indonesia; Mauritius; New Caledonia; Papua New Guinea; Philippines; 13	✓	13	No data	commercial	Least Concern	Unknown	2017	34.46	Lower risk	
Actinopteri	Acanthuriformes	Pomacanthidae	Paracetrogryze	<i>Paracetrogryze multifasciata</i>	Barred angelfish		American Samoa; Australia; Christmas I.; Cocos Is. (Keel); Cook Is.; French Polynesia; Guam; Indonesia; Japan; Kiribati; Malaysia; Marshall Is.; Micronesia; New Caledonia; North Mariana; Palau; Papua New Guinea; Philippines; 25	✓	25	✓ (low)	Rare	commercial	Least Concern	Stable	2009	28.25	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	Parachetodon	<i>Parachetodon ocellatus</i>	Sixgauge butterflyfish		Australia; China; Fiji; India; Indonesia; Japan; Malaysia; Ogasawara Is.; Papua New Guinea; Philippines; Ryukyu Is.; 15	✓	15	✓ (Very low)	Captive bred (not for retail)	commercial	Least Concern	Stable	2009	14.21	Lower risk
Actinopteri	Esperancia	Labridae	Parachelinus	<i>Parachelinus angulatus</i>	Angular flasher		3	✓	3	✓ (Very low)	None	Unspecified	Least Concern	Unknown	2009	13.37	Lower risk
Actinopteri	Esperancia	Labridae	Parachelinus	<i>Parachelinus attolensis</i>	None		2	✓	2	✓ (low)	None	commercial	Least Concern	Unknown	2009	12.93	Lower risk
Actinopteri	Esperancia	Labridae	Parachelinus	<i>Parachelinus bellae</i>	Bell's flasher		6	✓	6	✓ (Very low)	No data	rarely	Least Concern	Unknown	2009	12.01	Lower risk
Actinopteri	Esperancia	Labridae	Parachelinus	<i>Parachelinus caeruleus</i>	Pink flasher		8	✓	8	✓ (moderate)	None	commercial	Unknown	2009	14.21	Lower risk	
Actinopteri	Esperancia	Labridae	Parachelinus	<i>Parachelinus cyanus</i>	Blue flasher/wrasse		1	✓	1	✓ (low)	None	rarely	Least Concern	Unknown	2009	12.47	Lower risk
Actinopteri	Esperancia	Labridae	Parachelinus	<i>Parachelinus filamentosus</i>	Filamentous wrasse		11	✓	11	✓ (low)	None	commercial	Least Concern	Unknown	2009	29.04	Lower risk
Actinopteri	Esperancia	Labridae	Parachelinus	<i>Parachelinus flavianalis</i>	Yellowfin flasher wrasse		3	✓	3	✓ (Very low)	None	rarely	Least Concern	Unknown	2009	15.01	Lower risk
Actinopteri	Esperancia	Labridae	Parachelinus	<i>Parachelinus hemimaculatus</i>	Spot-lined flasher		2	✓	2	✓ (low)	No data	commercial	Least Concern	Unknown	2009	20.17	Lower risk
Actinopteri	Esperancia	Labridae	Parachelinus	<i>Parachelinus imenopterus</i>	Spot-lined flasher		4	✓	4	✓ (low)	No data	commercial	Least Concern	Unknown	2009	12.47	Lower risk
Actinopteri	Esperancia	Labridae	Parachelinus	<i>Parachelinus micosauri</i>	Micosaur's flasher		14	✓	14	✓ (moderate)	None	commercial	Least Concern	Unknown	2009	14.21	Lower risk
Actinopteri	Esperancia	Labridae	Parachelinus	<i>Parachelinus octocoma</i>	Red sea eightfin flasher		6	✓	6	✓ (low)	None	commercial	Least Concern	Unknown	2009	13.39	Lower risk
Actinopteri	Esperancia	Labridae	Parachelinus	<i>Parachelinus pinnaroseus</i>	Faine's flasher wrasse		2	✓	2	✓ (low)	No data	rarely	not assessed	not assessed	not assessed	65.27	Higher risk
Actinopteri	Centrarchiformes	Cirrihidae	Paracirrhites	<i>Paracirrhites arcuatus</i>	Arc-eye hawkfish		42	✓	42	✓ (low)	None	commercial	Least Concern	Unknown	2015	10	Lower risk
Actinopteri	Centrarchiformes	Cirrihidae	Paracirrhites	<i>Paracirrhites forsteri</i>	Blackside hawkfish		53	✓	53	✓ (low)	None	commercial	Least Concern	Unknown	2015	11.3	Lower risk
Actinopteri	Blenniiformes	Labrisomidae	Paraclinus	<i>Paraclinus marmoratus</i>	Marbled blenny		8	✓	8	✓ (Very low)	No data	commercial	Least Concern	Unknown	2007	10	Lower risk
Actinopteri	Blenniiformes	Labrisomidae	Paraclinus	<i>Paraclinus mexicanus</i>	Mexican blenny		9	✓	9	✓ (low)	No data	commercial	Least Concern	Unknown	2008	10	Lower risk
Actinopteri	Blenniiformes	Labrisomidae	Paraclinus	<i>Paraclinus nigripinnis</i>	Blackfin blenny		32	✓	32	✓	No data	commercial	Least Concern	Unknown	2007	10	Lower risk
Actinopteri	Gobiiformes	Gobiidae	Paragobiodon	<i>Paragobiodon echinocephalus</i>	Redhead goby		35	✓	35	✓ (low)	No data	commercial	Least Concern	Stable	2015	10	Lower risk
Actinopteri	Gobiiformes	Gobiidae	Paragobiodon	<i>Paragobiodon lucuniculus</i>	Blackfin coral goby		21	✓	21	✓ (low)	None	rarely	Least Concern	Unknown	2015	10	Lower risk
Actinopteri	Gobiiformes	Gobiidae	Paragobiodon	<i>Paragobiodon aethonoma</i>	Emerald coral goby		21	✓	21	✓ (low)	No data	commercial	not assessed	not assessed	not assessed	10	Lower risk
Actinopteri	Perciformes/Serranoidi	Serranidae	Paralabrax	<i>Paralabrax maculatofasciatus</i>	Spotted sand bass		3	✓	3	✓ (low)	No data	unspecified	Least Concern	Unknown	2008	36.61	Moderate risk
Actinopteri	Tetraodontiformes	Monacanthidae	Paraluteres	<i>Paraluteres prionurus</i>	False puffer		30	✓	30	✓ (low)	None	Unspecified	Least Concern	Unknown	2015	15.77	Lower risk
Actinopteri	Perciformes/Serranoidi	Serranidae	Paranthias	<i>Paranthias colousus</i>	Pacific croaker fish		14	✓	14	✓ (low)	None	rarely	Least Concern	Stable	2016	34.31	Lower risk
Actinopteri	Perciformes/Serranoidi	Serranidae	Paranthias	<i>Paranthias furcifer</i>	Creole fish		38	✓	38	✓	None	commercial	Least Concern	Stable	2017	38.14	Lower risk
Actinopteri	Perciformes/Uranocephalidae	Pinguidiidae	Parapercis	<i>Parapercis cylindrica</i>	Cylindrical sandperch		17	✓	17	✓	No data	public aquariums	Least Concern	Unknown	2022	11.53	Lower risk
Actinopteri	Perciformes/Uranocephalidae	Pinguidiidae	Parapercis	<i>Parapercis hepophthalma</i>	Speckled sandperch		33	✓	33	✓ (Very low)	No data	commercial	Least Concern	Unknown	2022	27.51	Lower risk
Actinopteri	Perciformes/Uranocephalidae	Pinguidiidae	Parapercis	<i>Parapercis multiplicata</i>	Redbarred sandperch		8	✓	8	✓ (Very low)	No data	Unspecified	Least Concern	Unknown	2022	18.38	Lower risk
Actinopteri	Perciformes/Uranocephalidae	Pinguidiidae	Parapercis	<i>Parapercis rubefasciata</i>	Barred sandperch		3	✓	3	✓ (Very low)	No data	commercial	Least Concern	Unknown	2022	29.63	Lower risk
Actinopteri	Perciformes/Uranocephalidae	Pinguidiidae	Parapercis	<i>Parapercis punctulata</i>	Spotted sandperch		7	✓	7	✓ (low)	No data	rarely	Least Concern	Unknown	2022	21.85	Lower risk
Actinopteri	Perciformes/Uranocephalidae	Pinguidiidae	Parapercis	<i>Parapercis punctulata</i>	Spotted sandperch		7	✓	7	✓ (low)	No data	rarely	Least Concern	Unknown	2022	19.39	Lower risk
Actinopteri	Perciformes/Uranocephalidae	Pinguidiidae	Parapercis	<i>Parapercis sohanislandi</i>	Redspotted sandperch		24	✓	24	✓	No data	commercial	Least Concern	Unknown	2022	21.97	Lower risk
Actinopteri	Perciformes/Uranocephalidae	Pinguidiidae	Parapercis	<i>Parapercis snyderi</i>	U-mark sandperch		14	✓	14	✓	No data	rarely	Least Concern	Unknown	2022	13.79	Lower risk
Actinopteri	Perciformes/Uranocephalidae	Pinguidiidae	Parapercis	<i>Parapercis tetracantha</i>	Reticulated sandperch		14	✓	14	✓	No data	commercial	Least Concern	Unknown	2022	27.12	Lower risk
Actinopteri	Perciformes/Uranocephalidae	Pinguidiidae	Parapercis	<i>Parapercis xanthozona</i>	Yellowbar sandperch		20	✓	20	✓ (Very low)	No data	commercial	Least Concern	Unknown	2009	25.04	Lower risk
Actinopteri	Ovalentaria	Plesiosipidae	Paraplesiosipus	<i>Paraplesiosipus alisonae</i>	Alison's blue devil		1	✓	1	✓	No data	commercial	not assessed	not assessed	not assessed	25.31	-
Actinopteri	Ovalentaria	Plesiosipidae	Paraplesiosipus	<i>Paraplesiosipus bleekeri</i>	Eastern blue devil		1	✓	1	✓	No data	commercial	not assessed	not assessed	not assessed	35.96	-
Actinopteri	Ovalentaria	Plesiosipidae	Paraplesiosipus	<i>Paraplesiosipus melalegis</i>	Southern blue devil		1	✓	1	✓ (Very low)	No data	commercial	Least Concern	Unknown	2022	41.41	Lower risk
Actinopteri	Ovalentaria	Plesiosipidae	Paraplesiosipus	<i>Paraplesiosipus poorei</i>	Northern blue devil		1	✓	1	✓	No data	commercial	Least Concern	Unknown	2022	21.72	-
Actinopteri	Acropomiformes	Pempheridae	Parapinnaxanthus	<i>Parapinnaxanthus ransonneti</i>	Golden sweep		21	✓	21	✓	None	rarely	not assessed	not assessed	not assessed	15.01	Lower risk
Actinopteri	Perciformes/Scorpaenoidi	Scorpenidae	Parapterois	<i>Parapterois heterura</i>	Blacklotf firefish		8	✓	8	✓ (Very low)	None	commercial	Least Concern	Unknown	2017	51.87	Lower risk
Actinopteri	Gobiiformes	Gobiidae	Paratyphlops	<i>Paratyphlops microcephalus</i>	Comb goby		20	✓	20	✓	No data	commercial	Least Concern	Unknown	2015	27.47	-
Actinopteri	Esperancia	Sciencidae	Parapogon	<i>Parapogon acuminatus</i>	High hat		32	✓	32	✓ (low)	Captive bred (not for retail)	commercial	Least Concern	Unknown	2020	19.9	Lower risk
Actinopteri	Esperancia	Sciencidae	Parapogon	<i>Parapogon umbratus</i>	Cubby		12	✓	12	✓	Captive bred (not for retail)	rarely	Least Concern	Unknown	2020	21.73	Lower risk
Actinopteri	Esperancia	Sciencidae	Parapogon	<i>Parapogon viola</i>	Gungu highhat		11	✓	11	✓	No data	public aquariums	Least Concern	Unknown	2020	21.73	Lower risk
Actinopteri	Ovalentaria	Pomacentridae	Parma	<i>Parma polytypis</i>	Banded parma		6	✓	6	✓	No data	not assessed	not assessed	not assessed	31.23	-	
Actinopteri	Kuriformes	Paronchelidae	Paronchelus	<i>Paronchelus affinis</i>	Bigtooth cardinalfish		11	✓	11	✓	No data	Unspecified	Least Concern	Unknown	2012	10.53	-

Non-CITES-listed marine ornamental fish species (n=2105), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Taxonomy						Range States		Evidence of species in international trade				Extinction risk/vulnerability					
Class	Order	Family	Genus	Species	Common Name	No of native range States	List of native range States	Evidence of species in International trade	Species imported in EU and/or US (No Imports)	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Red List year of assessment	Vulnerability (FishBase)	Likelihood of threat from International Trade	
Actinopteri	Mulliformes	Mullidae	Parupeneus	<i>Parupeneus barberinoides</i>	Bicolor goatfish	20	Australia; Cocos Is. (Keel); Fiji; Guam; Hong Kong; Indonesia; Japan; Marshall Is.; Micronesia; New Caledonia; Palau; Papua New Guinea; Philippines; Timor-Leste; Tonga; Viet Nam; American Samoa; Andaman Is.; Australia; Brunei Darussalam; Brunei Darussalam; Caroline I.; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Comoros; Cook Is.; Djibouti; Fiji; French Polynesia; Guam; Hong Kong; India; Indonesia; Japan; Kenya; Kiribati; Lord Howe I.; Madagascar; Malaysia; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Mayotte; Micronesia; Mozambique; Myanmar; Nauru; New Caledonia; Niue; North Marianas; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; RÅFunion; Samoa; Seychelles; Socotra Arch.; Solomon Is.; Somalia; South Africa; Sri Lanka; Tahiti; Taiwan; Tanzania; Thailand; Timor-Leste; Tokelau; Tuamotu Is.; Tuvalu; Vanuatu; Viet Nam; Wake I.; Wallis Futuna; Yemen	✓	✓ (moderate)	None	commercial	Least Concern	Unknown	2015	28.64	Lower risk	
Actinopteri	Mulliformes	Mullidae	Parupeneus	<i>Parupeneus barberinus</i>	Dash-and-dot goatfish	64	American Samoa; Andaman Is.; Australia; Brunei Darussalam; Caroline I.; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Cook Is.; Djibouti; Egypt; Eritrea; Fiji; French Polynesia; Guam; Hawaii; India; Indonesia; Israel; Johnston I.; Jordan; Kiribati; Madagascar; Malaysia; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Mayotte; Micronesia; Mozambique; Myanmar; Nauru; New Caledonia; Niue; North Marianas; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Pitcairn; RÅFunion; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Socotra Arch.; Solomon Is.; Somalia; South Africa; Sri Lanka; Sudan; Tahiti; Taiwan; Tanzania; Thailand; Timor-Leste; Tokelau; Tuamotu Is.; Tuvalu; Vanuatu; Viet Nam; Wake I.; Wallis Futuna; Yemen	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2015	39.67	Lower risk	
Actinopteri	Mulliformes	Mullidae	Parupeneus	<i>Parupeneus cyclostomus</i>	Gold-saddle goatfish	69	American Samoa; Andaman Is.; Australia; Brunei Darussalam; Caroline I.; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Cook Is.; Djibouti; Egypt; Eritrea; Fiji; French Polynesia; Guam; Hawaii; India; Indonesia; Israel; Johnston I.; Jordan; Kiribati; Madagascar; Malaysia; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Mayotte; Micronesia; Mozambique; Myanmar; Nauru; New Caledonia; Niue; North Marianas; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Pitcairn; RÅFunion; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Socotra Arch.; Solomon Is.; Somalia; South Africa; Sri Lanka; Sudan; Tahiti; Taiwan; Tanzania; Thailand; Timor-Leste; Tokelau; Tuamotu Is.; Tuvalu; Vanuatu; Viet Nam; Wake I.; Wallis Futuna; Yemen	✓	✓ (low)	None	commercial	Least Concern	Stable	2015	36.98	Lower risk	
Actinopteri	Mulliformes	Mullidae	Parupeneus	<i>Parupeneus forsskali</i>	Red sea goatfish	10	Djibouti; Egypt; Eritrea; Israel; Jordan; Saudi Arabia; Socotra Arch.; Somalia; Sudan; Yemen	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2019	15.09	Lower risk	
Actinopteri	Mulliformes	Mullidae	Parupeneus	<i>Parupeneus indicus</i>	Indian goatfish	52	Andaman Is.; Australia; Brunei Darussalam; Caroline I.; Chagos Is.; China; Comoros; Djibouti; Fiji; Hong Kong; India; Indonesia; Japan; Kenya; Kiribati; Korea (South); Madagascar; Malaysia; Maldives; Marshall Is.; Mauritius; Mayotte; Micronesia; Mozambique; Myanmar; Nauru; New Caledonia; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; RÅFunion; Ryukyu Is.; Samoa; Seychelles; Singapore; Socotra Arch.; Solomon Is.; Somalia; South Africa; Sri Lanka; Sudan; Tahiti; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuvalu; Vanuatu; Viet Nam; Wallis Futuna; Yemen	✓	✓ (very low)	No data	rarely	Least Concern	Unknown	2015	35.64	Lower risk	
Actinopteri	Mulliformes	Mullidae	Parupeneus	<i>Parupeneus insularis</i>	Twosaddle goatfish	19	American Samoa; Cook Is.; French Polynesia; Guam; Hawaii; Japan; Johnston I.; Kiribati; Marquesas Is.; Marshall Is.; North Marianas; Ogasawara Is.; Pitcairn; Samoa; Tahiti; Tuamotu Is.; Tuvalu; US Minor Is.; Wake I.	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2015	28.64	-	
Actinopteri	Mulliformes	Mullidae	Parupeneus	<i>Parupeneus macronemus</i>	Long-barbel goatfish	35	Thailand; Timor-Leste; United Arab Em.; Yemen	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2015	33.41	Lower risk	
Actinopteri	Mulliformes	Mullidae	Parupeneus	<i>Parupeneus multifasciatus</i>	Manybar goatfish	42	American Samoa; Australia; Caroline I.; Cocos Is. (Keel); Cook Is.; Fiji; French Polynesia; Guam; Hawaii; Hong Kong; India; Indonesia; Japan; Johnston I.; Kiribati; Korea (South); Lord Howe I.; Marquesas Is.; Marshall Is.; Micronesia; New Caledonia; Niue; Norfolk I.; North Marianas; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Pitcairn; Ryukyu Is.; Samoa; Solomon Is.; Tahiti; Taiwan; Timor-Leste; Tonga; Tuamotu Is.; Vanuatu; Viet Nam; Wake I.	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2009	21.22	Lower risk	
Actinopteri	Mulliformes	Mullidae	Parupeneus	<i>Parupeneus pleurostigma</i>	Sidespot goatfish	52	American Samoa; Andaman Is.; Australia; Caroline I.; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); French Polynesia; Guam; Hawaii; India; Indonesia; Japan; Johnston I.; Kiribati; Korea (South); Lord Howe I.; Madagascar; Malaysia; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Micronesia; Midway Is.; Mozambique; New Caledonia; Niue; Norfolk I.; North Marianas; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Pitcairn; RÅFunion; Ryukyu Is.; Samoa; Seychelles; Socotra Arch.; Solomon Is.; Somalia; South Africa; Sri Lanka; Tahiti; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Viet Nam; Yemen	✓	✓ (low)	None	commercial	Least Concern	Unknown	2015	30.4	-	
Actinopteri	Mulliformes	Mullidae	Parupeneus	<i>Parupeneus rubescens</i>	Rosy goatfish	21	Philippines; Qatar; RÅFunion; Socotra Arch.; Somalia; South Africa; Taiwan; Tanzania; Viet Nam; Yemen	✓	✓ (low)	None	rarely	Least Concern	Unknown	2019	34.51	Lower risk	
Elasmobranchii	Myliobatiformes	Dasypodidae	<i>Pastinachus</i>	<i>Pastinachus sephen</i>	Cowtail stingray	29	Andaman Is.; Australia; Bahrain; Bangladesh; Chagos Is.; India; Indonesia; Iran; Iraq; Japan; Kuwait; Malaysia; Maldives; Mayotte; Micronesia; New Caledonia; Oman; Palau; Papua New Guinea; Qatar; Saudi Arabia; Seychelles; Socotra Arch.; Somalia; South Africa; Thailand; United Arab Em.; Viet Nam; Yemen	✓	✓ (low)	None	commercial	Near Threatened	Decreasing	2017	90	Higher risk	
Actinopteri	Dactylopteroformes	Pegazidae	<i>Pegapus</i>	<i>Pegapus volitans</i>	Longtail seasmouth	25	Andaman Is.; Australia; Bahrain; Cambodia; China; India; Indonesia; Japan; Kuwait; Malaysia; Mozambique; Myanmar; Oman; Papua New Guinea; Philippines; Qatar; Saudi Arabia; Singapore; South Africa; Sri Lanka; Taiwan; Tanzania; Thailand; United Arab Em.; Viet Nam	✓	✓ (low)	No data	rarely	Data Deficient	Unknown	2016	10	Higher risk	
Actinopteri	Acropomiformes	Pempheridae	<i>Pempheris</i>	<i>Pempheris adusta</i>	Dusky sweeper	43	Andaman Is.; Australia; Cargados Carajao; China; Comoros; Djibouti; Egypt; Eritrea; Fiji; Guam; India; Indonesia; Israel; Japan; Kenya; Lord Howe I.; Madagascar; Malaysia; Maldives; Mauritius; Mozambique; New Caledonia; North Marianas; Oman; Palau; Papua New Guinea; Philippines; RÅFunion; Samoa; Saudi Arabia; Seychelles; Singapore; Solomon I.; Somalia; South Africa; Sri Lanka; Sudan; Taiwan; Tanzania; Thailand; Tonga; Vanuatu; Viet Nam; Yemen	✓	✓ (low)	No data	commercial	not assessed	not assessed	not assessed	24.02	Lower risk	
Actinopteri	Acropomiformes	Pempheridae	<i>Pempheris</i>	<i>Pempheris ovalis</i>	Blackspot sweeper	39	Nam	✓	✓ (low)	No data	commercial	not assessed	not assessed	not assessed	28.02	-	
Actinopteri	Acropomiformes	Pempheridae	<i>Pempheris</i>	<i>Pempheris schomburgkii</i>	Glassy sweeper	10	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Bermuda; Brazil; Cayman Is.; Cuba; Curaçao; I.; Dominican Republic; Grenada; Guadeloupe; Haiti; Jamaica; Martinique; Mexico; Montserrat; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (low)	Captive bred (not for retail)	potential	Least Concern	Unknown	2013	22.52	-	
Actinopteri	Espercaria	Nemipteridae	<i>Pentapodus</i>	<i>Pentapodus emeryi</i>	Double whiptail	8	Australia; Brunei Darussalam; Indonesia; Malaysia; Papua New Guinea; Philippines; Timor-Leste; Viet Nam	✓	✓ (low)	None	potential	Least Concern	Unknown	2009	30.26	Moderate risk	
Actinopteri	Espercaria	Nemipteridae	<i>Pentapodus</i>	<i>Pentapodus setosus</i>	Butterfly whiptail	10	Brunei Darussalam; Cambodia; China; Indonesia; Malaysia; Philippines; Singapore; Thailand; Timor-Leste; Viet Nam	✓	✓ (very low)	No data	rarely	not assessed	not assessed	not assessed	23.81	Lower risk	
Actinopteri	Gobiiformes	Oxudercidae	<i>Periophthalmus</i>	<i>Periophthalmus argentilineatus</i>	Barred mudskipper	33	Anguilla; Australia; Bangladesh; Benin; Cameroon; Congo; Congo Dem Rep; Cote d'Ivoire; Equatorial Guinea; Eritrea; Gabon; Gambia; Ghana; Guam; Guinea; Guinea-Bissau; Liberia; Mauritania; New Caledonia; Nigeria; Philippines; Sao Tome Principe; Viet Nam	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2017	28.13	Lower risk	
Actinopteri	Gobiiformes	Oxudercidae	<i>Periophthalmus</i>	<i>Periophthalmus barbatus</i>	Atlantic mudskipper	25	Princ.; Senegal; Sierra Leone; Togo	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2019	24.85	Lower risk	
Actinopteri	Gobiiformes	Oxudercidae	<i>Periophthalmus</i>	<i>Periophthalmus kaloo</i>	Common mudskipper	20	Tonga	✓	✓ (low)	No data	rarely	Least Concern	Unknown	2017	28.7	Lower risk	
Actinopteri	Gobiiformes	Oxudercidae	<i>Periophthalmus</i>	<i>Periophthalmus modestus</i>	Shuttles hopfish	7	China; Hong Kong; Japan; Korea (North); Korea (South); Taiwan; Viet Nam	✓	✓ (low)	No data	commercial	Least Concern	Stable	not assessed	not assessed	18.38	-
Actinopteri	Tetraodontiformes	Monacanthidae	<i>Pervagor</i>	<i>Pervagor aspicarpus</i>	Orange tail filefish	18	Australia; Christmas I.; Cocos Is. (Keel); French Polynesia; Hawaii; Japan; Johnston I.; Maldives; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; Norfolk I.; North Marianas; Ogasawara Is.; Palau; Papua New Guinea; Philippines; RÅFunion; Ryukyu Is.; Samoa; Solomon Is.; South Africa; Taiwan; Tanzania; Timor-Leste	✓	✓ (low)	None	unspecified	Least Concern	Unknown	2015	19.64	Lower risk	
Actinopteri	Tetraodontiformes	Monacanthidae	<i>Pervagor</i>	<i>Pervagor janthinossoma</i>	Blackbar filefish	32	Tonga; US Minor Is.; Viet Nam	✓	✓ (low)	None	rarely	Least Concern	Stable	2015	24.03	Lower risk	
Actinopteri	Tetraodontiformes	Monacanthidae	<i>Pervagor</i>	<i>Pervagor melanocephalus</i>	Redtail filefish	26	American Samoa; Andaman Is.; Australia; China; Cook Is.; Fiji; Indonesia; Japan; Marshall Is.; Mauritius; Mozambique; New Caledonia; Norfolk I.; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Seychelles; Solomon I.; South Africa; Taiwan; Timor-Leste; Tonga; Viet Nam	✓	✓ (low)	No data	commercial	Least Concern	Stable	2015	23.01	Lower risk	
Actinopteri	Tetraodontiformes	Monacanthidae	<i>Pervagor</i>	<i>Pervagor spinosus</i>	Fantail filefish	2	Hawaii; Johnston I.	✓	✓ (very low)	No data	commercial	Least Concern	Stable	2015	24.47	Lower risk	
Actinopteri	Blenniiformes	Blenniidae	<i>Petrosctites</i>	<i>Petrosctites breviceps</i>	Shrimp-poker-fang blenny mimic	17	Andaman Is.; Australia; Hong Kong; India; Indonesia; Japan; Korea (South); Malaysia; Micronesia; New Caledonia; Ogasawara Is.; Palau; Philippines; South Africa; Taiwan; Thailand; Viet Nam	✓	✓ (low)	Captive bred (not for retail)	commercial	Least Concern	Stable	2009	25.19	Lower risk	
Actinopteri	Blenniiformes	Blenniidae	<i>Petrosctites</i>	<i>Petrosctites miratus</i>	Floral blenny	42	Andaman Is.; Australia; Bahrain; Cargados Carajao; Chagos Is.; China; Comoros; Egypt; Guam; India; Indonesia; Israel; Japan; Jordan; Kenya; Kiribati; Kuwait; Madagascar; Maldives; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; North Marianas; Oman; Palau; Papua New Guinea; Philippines; Qatar; RÅFunion; Rodriguez; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Sri Lanka; Taiwan; Thailand; Timor-Leste; Tonga; United Arab Em.; Vanuatu	✓	✓ (very low)	No data	commercial	Least Concern	Stable	2009	15.77	Lower risk	
Actinopteri	Blenniiformes	Blenniidae	<i>Petrosctites</i>	<i>Petrosctites aestus</i>	Xestus sabretooth blenny	18	American Samoa; Australia; Cocos Is. (Keel); French Polynesia; Guam; India; Indonesia; Kiribati; Maldives; Marshall Is.; Micronesia; New Caledonia; North Marianas; Palau; Papua New Guinea; Philippines; Samoa; Timor-Leste	✓	✓ (low)	No data	commercial	Least Concern	Stable	2009	14.21	-	
Actinopteri	Karriiformes	Apogonidae	<i>Phanogry</i>	<i>Phanogry pigmentaria</i>	Dusky cardinalfish	32	Is. (UK); Virgin Is. (US)	✓	✓ (low)	No data	unspecified	Least Concern	Stable	2011	10	-	
Actinopteri	Cichliformes	Pholidichthyidae	<i>Pholidichthys</i>	<i>Pholidichthys leucotaenia</i>	Convict blenny	7	Brunei Darussalam; Indonesia; New Caledonia; Papua New Guinea; Philippines; Solomon Is.	✓	✓ (moderate)	Captive bred (not for retail)	commercial	Least Concern	not assessed	not assessed	18.08	Lower risk	
Actinopteri	Ovalentaria	Pseudochromidae	<i>Pictichromis</i>	<i>Pictichromis cerasina</i>	Cherry dottyback	2	Indonesia; Philippines	✓	✓ (very low)	None	rarely	Least Concern	Unknown	2022	10.53	Lower risk	
Actinopteri	Trachichthyiformes	Annulipodidae	<i>Photichthys</i>	<i>Photichthys palpebratum</i>	Eyeflight fish	11	New Guinea; Philippines	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2019	10	Lower risk	
Actinopteri	Syngnathiformes	Syngnathidae	<i>Phycodurus</i>	<i>Phycodurus equus</i>	Leafy seadragon	1	Australia	✓	✓ (low)	Moderate	commercial	Least Concern	Decreasing	2016	25.45	Lower risk	
Actinopteri	Syngnathiformes	Syngnathidae	<i>Phyllabaster</i>	<i>Phyllabaster demissus</i>	Common seadragon	1	Australia	✓	✓ (low)	Moderate	rarely	Least Concern	Decreasing	2016	20.6	Lower risk	
Actinopteri	Ovalentaria	Pseudochromidae	<i>Pictichromis</i>	<i>Pictichromis dotto</i>	Biodecad dottyback	2	Australia; New Caledonia	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2022	12.01	Lower risk	
Actinopteri	Ovalentaria	Pseudochromidae	<i>Pictichromis</i>	<i>Pictichromis diadema</i>	Diadem dottyback	5	Brunei Darussalam; Indonesia; Malaysia; Philippines; Thailand	✓	✓ (low)	Common	commercial	Least Concern	Unknown	2022	12.01	Lower risk	

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Taxonomy				Range States		No of native range States	Evidence of species in international trade	Species imported in EU and/or UK (% imports)	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Extinction risk/vulnerability			
Class	Order	Family	Genus	Species	Common Name								List of native range States	Red List year of assessment	Vulnerability (Fishbase) trend	Likelihood of threat from international
Actinopteri	Ovalentaria	Pseudochromidae	Pictichromis	<i>Pictichromis paccagnellae</i>	Royal dottyback	8	Admiralty Is.; Australia; Indonesia; New Caledonia; Palau; Papua New Guinea; Solomon Is.; Vanuatu	✓	(low)	Common	Least Concern	Unknown	2015	13.37	Lower risk	
Actinopteri	Ovalentaria	Pseudochromidae	Pictichromis	<i>Pictichromis porphyria</i>	Magenta dottyback	1	Admiralty Is.; American Samoa; Fiji; Indonesia; Japan; Kiribati; Marshall Is.; Micronesia; Palau; Papua New Guinea;	✓	(moderate)	Captive bred (not for retail)	commercial	Least Concern	Unknown	2015	11.53	Lower risk
Actinopteri	Blenniiformes	Plagiotremus	<i>Plagiotremus esauensis</i>	Ewa blenny		16	Philippines; Ryukyu Is.; Samoa; Taiwan; Tonga; Wake I.	✓		commercial	Least Concern	Stable	2009	23.88	-	
Actinopteri	Blenniiformes	Blenniidae	<i>Plagiotremus</i>	<i>Plagiotremus goeldii</i>	Biting Blenny	1	Hawaii	✓		commercial	Least Concern	Stable	2009	14.62	-	
Actinopteri	Blenniiformes	Blenniidae	<i>Plagiotremus</i>	<i>Plagiotremus phaeus</i>	Imposter flangblenny	6	Andaman Is.; Chagos Is.; Indonesia; Maldives; Sri Lanka; Thailand	✓		No data	Least Concern	Stable	2009	15.01	-	
Actinopteri	Blenniiformes	Blenniidae	<i>Plagiotremus</i>	<i>Plagiotremus rhinorhynchus</i>	Bluestriped flangblenny	50	American Samoa; Andaman Is.; Australia; Caroline I.; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Egypt; Fiji; French Polynesia; Guam; India; Indonesia; Japan; Jordan; Kenya; Kiribati; Korea (South); Lord Howe I.; Madagascar; Maldives; Marquessa Is.; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; New Zealand; Norfolk I.; North Mariana; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Pitcairn; Réunion; Samoa; Seychelles; Socotra Arch.; South Africa; Taiwan; Tanzania; Timor-Leste; Tonga; Tuamotu Is.; Viet Nam;	✓	(low)	commercial	Least Concern	Stable	2009	26.5	Lower risk	
Actinopteri	Blenniiformes	Blenniidae	<i>Plagiotremus</i>	<i>Plagiotremus iapohosoma</i>	Piano flangblenny	50	Nam; Yemen	✓		commercial	Least Concern	Stable	2009	24.31	Lower risk	
Actinopteri	Blenniiformes	Blenniidae	<i>Plagiotremus</i>	<i>Plagiotremus townsendi</i>	Townsend's flangblenny	8	Djibouti; Iran; Jordan; Oman; Saudi Arabia; Socotra Arch.; Sudan; Yemen	✓		Unspecified	Least Concern	Stable	2009	12.01	-	
Actinopteri	Acanthuriformes	Epiplatidae	<i>Platax</i>	<i>Platax batavicus</i>	Humpback batfish	9	Australia; Indonesia; Madagascar; Malaysia; Papua New Guinea; Philippines; Taiwan; Thailand; Timor-Leste	✓	(Very low)	commercial	not assessed	not assessed	not assessed	57.98	Moderate risk	
Actinopteri	Acanthuriformes	Epiplatidae	<i>Platax</i>	<i>Platax boersii</i>	Golden spadefish	9	Hawaii; Indonesia; Japan; Korea (South); Malaysia; Palau; Papua New Guinea; Philippines; Timor-Leste	✓		rarely	not assessed	not assessed	not assessed	35.08	Moderate risk	
Actinopteri	Acanthuriformes	Epiplatidae	<i>Platax</i>	<i>Platax orbicularis</i>	Orbicular batfish	17	American Samoa; Andaman Is.; Australia; Bahrain; Cambodia; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Comoros; Cook Is.; Djibouti; Egypt; Eritrea; Fiji; French Polynesia; Guam; Hong Kong; India; Indonesia; Iran; Japan; Jordan; Kuwait; Madagascar; Malaysia; Maldives; Marshall Is.; Mauritius; Micronesia; Mozambique; Myanmar; New Caledonia; North Mariana; Oman; Pakistan; Palau; Papua New Guinea; Philippines; Qatar; Réunion; Samoa; Saudi Arabia; Seychelles; Socotra Arch.; Somalia; South Africa; Sudan; Tahiti; Taiwan; Tanzania; Thailand; Tonga; Tuamotu Is.; United Arab Em.; Vanuatu; Viet Nam; Yemen	✓	(low)	commercial	Least Concern	Unknown	2018	44.84	Lower risk	
Actinopteri	Acanthuriformes	Epiplatidae	<i>Platax</i>	<i>Platax pinnatus</i>	Dusky batfish	17	Australia; Hong Kong; Indonesia; Japan; Malaysia; Micronesia; New Caledonia; Niue; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Solomon Is.; Somalia; Taiwan; Timor-Leste; Vanuatu	✓	(low)	Moderate	commercial	not assessed	not assessed	not assessed	36.85	Moderate risk
Actinopteri	Acanthuriformes	Epiplatidae	<i>Platax</i>	<i>Platax teira</i>	Longfin batfish	48	Andaman Is.; Australia; Bahrain; Cambodia; China; Christmas I.; Cocos Is. (Keel); Egypt; Fiji; Guam; Hong Kong; India; Indonesia; Iraq; Japan; Kenya; Korea (South); Kuwait; Madagascar; Malaysia; Maldives; Mauritius; Micronesia; Mozambique; New Caledonia; New Zealand; Norfolk I.; North Mariana; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Qatar; Réunion; Ryukyu Is.; Saudi Arabia; Socotra Arch.; Somalia; South Africa; Sri Lanka; Taiwan; Tanzania; Thailand; Timor-Leste; United Arab Em.; Viet Nam; Yemen	✓	(low)	rare	commercial	Least Concern	Unknown	2018	52.42	Lower risk
Actinopteri	Esperancia	Haemulidae	<i>Plectorhynchus</i>	<i>Plectorhynchus albivittatus</i>	Two-striped sweetlips	23	Andaman Is.; Australia; Cambodia; China; Cocos Is. (Keel); Fiji; Guam; Hong Kong; Indonesia; Japan; Maldives; Mauritius; Micronesia; New Caledonia; Niue; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Sri Lanka; Taiwan; Thailand; Timor-Leste; Tonga; Vanuatu; Viet Nam	✓	(Very low)	No data	commercial	not assessed	not assessed	not assessed	67.31	Higher risk
Actinopteri	Esperancia	Haemulidae	<i>Plectorhynchus</i>	<i>Plectorhynchus chatodonoides</i>	Harlequin sweetlips	27	Lanka; Taiwan; Thailand; Timor-Leste; Tonga; Vanuatu; Viet Nam	✓	(low)	None	commercial	not assessed	not assessed	not assessed	54.35	Moderate risk
Actinopteri	Esperancia	Haemulidae	<i>Plectorhynchus</i>	<i>Plectorhynchus chrysozania</i>	Yellow-striped sweetlips	14	Singapore; Solomon Is.; Taiwan; Timor-Leste; Viet Nam	✓		No data	rarely	not assessed	not assessed	not assessed	49.4	Moderate risk
Actinopteri	Esperancia	Haemulidae	<i>Plectorhynchus</i>	<i>Plectorhynchus diagammus</i>	Strip sweetlips	15	Andaman Is.; China; Fiji; Hong Kong; Japan; Malaysia; New Caledonia; North Mariana; Palau; Philippines; Ryukyu Is.; Solomon Is.; Taiwan; Thailand; Viet Nam	✓		No data	Unspecified	not assessed	not assessed	not assessed	35.96	Moderate risk
Actinopteri	Esperancia	Haemulidae	<i>Plectorhynchus</i>	<i>Plectorhynchus flavomaculatus</i>	Lemonfish	25	Andaman Is.; Australia; China; Indonesia; Iran; Japan; Kenya; Madagascar; Mauritius; Mayotte; Mozambique; New Caledonia; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Seychelles; Socotra Arch.; Somalia; South Africa; Taiwan; Tanzania; Timor-Leste; Viet Nam; Yemen	✓		No data	rarely	not assessed	not assessed	not assessed	48.76	Moderate risk
Actinopteri	Esperancia	Haemulidae	<i>Plectorhynchus</i>	<i>Plectorhynchus lessonii</i>	Lesson's thicklip	13	Australia; Indonesia; Japan; Malaysia; Micronesia; New Caledonia; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Taiwan; Timor-Leste	✓		No data	rarely	not assessed	not assessed	not assessed	35.96	Moderate risk
Actinopteri	Esperancia	Haemulidae	<i>Plectorhynchus</i>	<i>Plectorhynchus lineatus</i>	Yellowbanded sweetlips	23	Vanuatu; Viet Nam	✓	(low)	None	commercial	not assessed	not assessed	not assessed	36.8	Moderate risk
Actinopteri	Esperancia	Haemulidae	<i>Plectorhynchus</i>	<i>Plectorhynchus obscurus</i>	Giant sweetlips	11	Australia; Egypt; Fiji; Indonesia; Japan; Marshall Is.; Mayotte; New Caledonia; North Mariana; Palau; Papua New Guinea	✓		No data	Unspecified	not assessed	not assessed	not assessed	63.07	Higher risk
Actinopteri	Esperancia	Haemulidae	<i>Plectorhynchus</i>	<i>Plectorhynchus pictus</i>	Trout sweetlips	23	Yemen	✓	(low)	None	commercial	Least Concern	Unknown	2018	52.24	Lower risk
Actinopteri	Esperancia	Haemulidae	<i>Plectorhynchus</i>	<i>Plectorhynchus pictus</i>	Trout sweetlips	33	Tavalu; Yemen	✓		No data	commercial	not assessed	not assessed	not assessed	50.09	Moderate risk
Actinopteri	Esperancia	Haemulidae	<i>Plectorhynchus</i>	<i>Plectorhynchus polkaenia</i>	Ribbined sweetlips	8	Australia; India; Indonesia; Malaysia; Palau; Papua New Guinea; Philippines; Timor-Leste; Viet Nam	✓		Unspecified	Least Concern	Unknown	2018	46.85	Lower risk	
Actinopteri	Esperancia	Haemulidae	<i>Plectorhynchus</i>	<i>Plectorhynchus vittatus</i>	Indian Ocean oriental sweetlips	39	American Samoa; Andaman Is.; Australia; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Fiji; Guam; Hong Kong; India; Indonesia; Japan; Madagascar; Malaysia; Maldives; Mauritius; Mayotte; Micronesia; Mozambique; New Caledonia; North Mariana; Ogasawara Is.; Pakistan; Palau; Papua New Guinea; Philippines; Réunion; Ryukyu Is.; Samoa;	✓	(low)	Captive bred (not for retail)	rarely	Least Concern	Unknown	2018	61.28	Lower risk
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Plectranthias</i>	<i>Plectranthias alpinus</i>	Chequered perchlet	1	Japan	✓	(Very low)	No data	rarely	Least Concern	Unknown	2022	10	Lower risk
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Plectranthias</i>	<i>Plectranthias sermis</i>	Chequered perchlet	6	Christmas I.; Fiji; Indonesia; Mauritius; Papua New Guinea; Philippines	✓	(low)	None	rarely	Least Concern	Unknown	2015	10	Lower risk
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Plectranthias</i>	<i>Plectranthias pellicieri</i>	Chequered perchlet	2	Mauritius; South Africa	✓	(Very low)	No data	commercial	Least Concern	Unknown	2017	10	Lower risk
Actinopteri	Ovalentaria	Pomacentridae	<i>Plectroglyphidodon</i>	<i>Plectroglyphidodon dckii</i>	Blackbar devil	44	American Samoa; Andaman Is.; Australia; Caroline I.; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Comoros; Cook Is.; French Polynesia; Guam; India; Indonesia; Japan; Kiribati; Lord Howe I.; Madagascar; Maldives; Marquessa Is.; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; Norfolk I.; North Mariana; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Pitcairn; Réunion; Samoa; Seychelles; Solomon Is.; South Africa; Taiwan; Tanzania; Timor-Leste; Tonga; Tuamotu Is.; Viet Nam; Wake I.	✓		No data	commercial	Near Threatened	Unknown	2022	25.23	Moderate risk
Actinopteri	Ovalentaria	Pomacentridae	<i>Plectroglyphidodon</i>	<i>Plectroglyphidodon imparipennis</i>	Brighteye damselfish	32	American Samoa; Australia; Caroline I.; Chagos Is.; Christmas I.; Cocos Is. (Keel); Cook Is.; French Polynesia; Guam; Hawaii; Japan; Madagascar; Maldives; Marquessa Is.; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; North Mariana; Ogasawara Is.; Palau; Philippines; Pitcairn; Réunion; Ryukyu Is.; Samoa; Seychelles; Solomon Is.; South Africa; Taiwan; Tanzania; Timor-Leste; Tonga; Tuamotu Is.; Viet Nam	✓		No data	commercial	not assessed	not assessed	not assessed	12.47	Lower risk
Actinopteri	Ovalentaria	Pomacentridae	<i>Plectroglyphidodon</i>	<i>Plectroglyphidodon johnstonianus</i>	Johnston Island damsel	42	Thailand; Timor-Leste; Tonga; Viet Nam; Wake I.; Yemen	✓		No data	commercial	Least Concern	Unknown	2022	25.07	-
Actinopteri	Ovalentaria	Pomacentridae	<i>Plectroglyphidodon</i>	<i>Plectroglyphidodon lacrymans</i>	Whitespotted devil	46	American Samoa; Andaman Is.; Australia; Caroline I.; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Comoros; Cook Is.; Egypt; French Polynesia; Guam; India; Indonesia; Japan; Jordan; Kiribati; Lord Howe I.; Madagascar; Maldives; Marquessa Is.; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; North Mariana; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Réunion; Ryukyu Is.; Samoa; Seychelles; Socotra Arch.; South Africa; Taiwan; Tanzania; Timor-Leste; Tonga; Tuamotu Is.; Viet Nam; Yemen	✓		No data	commercial	Least Concern	Unknown	2022	20.93	Lower risk
Actinopteri	Ovalentaria	Pomacentridae	<i>Plectroglyphidodon</i>	<i>Plectroglyphidodon leucocanus</i>	Singlebar devil	38	Philippines; Pitcairn; Réunion; Samoa; Seychelles; South Africa; Taiwan; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Viet Nam	✓		No data	commercial	Least Concern	Unknown	2022	23.46	Lower risk
Actinopteri	Ovalentaria	Pomacentridae	<i>Plectroglyphidodon</i>	<i>Plectroglyphidodon phoeniceus</i>	Phoenix devil	30	Australia; Chagos Is.; Christmas I.; Fiji; French Polynesia; Guam; Hawaii; Indonesia; Japan; Johnston I.; Kiribati; Madagascar; Marquessa Is.; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; North Mariana; Palau; Papua New Guinea; Philippines; Pitcairn; Réunion; Ryukyu Is.; Samoa; South Africa; Taiwan; Tonga; Tuamotu Is.; Viet Nam; Wake I.	✓		No data	commercial	Least Concern	Unknown	2022	18.89	Lower risk
Actinopteri	Ovalentaria	Pomacentridae	<i>Plectroglyphidodon</i>	<i>Plectroglyphidodon andros</i>	Rock damselfish	1	Hawaii	✓		No data	commercial	not assessed	not assessed	not assessed	24.92	-
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Plectropomus</i>	<i>Plectropomus laevis</i>	Blacksaddled coralgroup	39	American Samoa; Andaman Is.; Australia; Cargados Carajos; Chagos Is.; Comoros; Cook Is.; Fiji; French Polynesia; Guam; Hong Kong; Indonesia; Japan; Kenya; Madagascar; Malaysia; Maldives; Marshall Is.; Mauritius; Mayotte; Micronesia; Mozambique; New Caledonia; North Mariana; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Pitcairn; Réunion; Rodrigues; Ryukyu Is.; Seychelles; Taiwan; Tanzania; Timor-Leste; Tonga; Tuamotu Is.; Vanuatu; Viet Nam	✓	(Very low)	None	rarely	Least Concern	Unknown	2016	56.09	Lower risk
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Plectropomus</i>	<i>Plectropomus leopardus</i>	Leopard coralgroup	22	Tonga; Viet Nam; Wallis Futuna	✓		Rare	commercial	Least Concern	Decreasing	2016	51.04	Lower risk

Non-CITES-listed marine ornamental fish species (n=2105), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Class	Order	Taxonomy				No of native range States	Range States	Evidence of species in international trade	Species imported in EU and/or US (% imports)	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Red List year of assessment	Extinction risk/vulnerability	
		Family	Genus	Species	Common Name										Vulnerability (FishBase)	Likelihood of threat from International trade
Actinopteri	Perciformes/Serranoidae	Serranidae	Plectropomus	<i>Plectropomus punctatus</i>	Marbled coralgroupers	14	Socotra Arch.; South Africa; Tanzania; Yemen	✓	0	No data	rarely	Least Concern	Unknown	2016	6.1	-
Actinopteri	Ovalentaria	Plesiopodae	<i>Plesiopops</i>	<i>Plesiopops retropinna</i>	Cardinal saddlefish	27	St Lucia; St Vincent Gren; Trinidad Tobago; USA; Virgin Is. (UK); Virgin Is. (US)	✓	0	No data	commercial	Least Concern	Unknown	2013	11.53	Lower risk
Actinopteri				<i>Plesiopops opalostoma</i>	Headstripe longfin	9	Australia; Indonesia; Japan; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Solomon Is.; Timor-Leste	✓	0	No data	rarely	Least Concern	Unknown	2022	15.39	Lower risk
Actinopteri	Ovalentaria	Plesiopodae	<i>Plesiopops</i>	<i>Plesiopops concholinestus</i>	Crimsonlip longfin	47	American Samoa; Andaman Is.; Australia; Cargados Carajos; China; Christmas I.; Cocos Is. (Keel); Comoros; Egypt; Eritrea; Fiji; Guam; Hong Kong; India; Indonesia; Japan; Kenya; Kiribati; Korea (South); Madagascar; Malaysia; Maldives; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; North Marianas; Ogasawara Is.; Palau; Papua New Guinea; Philippines; RÅlunion; Ryukyu Is.; Samoa; Seychelles; Socotra Arch.; Solomon Is.; Sri Lanka; Sudan; Taiwan; Thailand; Timor-Leste; Tonga; Vanuatu; Viet Nam; Yemen	✓	0	No data	commercial	Least Concern	Unknown	2019	20.93	Lower risk
Actinopteri	Ovalentaria	Plesiopodae	<i>Plesiopops</i>	<i>Plesiopops corallicola</i>	Blueqill longfin	28	Ryukyu Is.; Samoa; Solomon Is.; Taiwan; Timor-Leste; Tokelau; Tonga; US Minor Is.; Vanuatu	✓	0	Rare	commercial	Least Concern	Unknown	2019	29.01	Lower risk
Actinopteri	Ovalentaria	Plesiopodae	<i>Plesiopops</i>	<i>Plesiopops nigricans</i>	Whitespotted longfin	5	Djibouti; Eritrea; Jordan; Oman; Saudi Arabia	✓	0	No data	commercial	Least Concern	Stable	2009	28.25	-
Actinopteri	Gobiiformes	Gobiidae	<i>Pleuriscyza</i>	<i>Pleuriscyza bodighii</i>	Soft-coral goby	7	Australia; Indonesia; Japan; Papua New Guinea; Seychelles; Solomon Is.; South Africa	✓	0	No data	rarely	Least Concern	Unknown	2020	10.53	-
Actinopteri	Siluriformes	Plotosidae	<i>Plotosus</i>	<i>Plotosus lineatus</i>	Striped eel catfish	54	Vanuatu; Viet Nam	✓	✓ (low)	Captive bred (not for retail)	commercial	not assessed	not assessed	not assessed	28.28	Lower risk
Actinopteri	Perciformes/Serranoidae	Serranidae	<i>Pogonoperca</i>	<i>Pogonoperca punctata</i>		23	Andaman Is.; Caroline I.; China; Christmas I.; Comoros; French Polynesia; Guam; India; Indonesia; Japan; Kiribati; Madagascar; Malaysia; Marquesas Is.; Marshall Is.; Mauritius; Micronesia; New Caledonia; North Marianas; Ogasawara Is.; Palau; RÅlunion; Ryukyu Is.; Samoa; Seychelles; Socotra Arch.; Solomon Is.; South Africa; Taiwan; Timor-Leste; Tonga; Vanuatu; Wake I.; Yemen	✓	✓ (very low)	None	rarely	Least Concern	Unknown	2015	34.24	Lower risk
Actinopteri	Carangia	Polymniidae	<i>Polydactylus</i>	<i>Polydactylus senilis</i>	Silvinger threadfin	32	Thailand; Tonga; Tuamotu Is.	✓	0	No data	commercial	not assessed	not assessed	not assessed	32.59	-
Actinopteri	Acanthuriformes	Pomacanthidae	<i>Pomacanthus</i>	<i>Pomacanthus amulius</i>	Blueingrid angelfish	20	Vanuatu; Viet Nam	✓	✓ (low)	Moderate	commercial	Least Concern	Stable	2009	58.72	Moderate risk
Actinopteri	Acanthuriformes	Pomacanthidae	<i>Pomacanthus</i>	<i>Pomacanthus arcuatus</i>	Gray angelfish	37	Thailand; Tonga; Tuamotu Is.; Vanuatu; Viet Nam; Yemen	✓	✓ (low)	Captive bred (not for retail)	commercial	Least Concern	Stable	2009	66.79	Moderate risk
Actinopteri	Acanthuriformes	Pomacanthidae	<i>Pomacanthus</i>	<i>Pomacanthus asfur</i>	Arabian angelfish	10	Djibouti; Egypt; Eritrea; Jordan; Saudi Arabia; Somalia; Tanzania; Yemen	✓	✓ (low)	Moderate	commercial	Least Concern	Stable	2009	52.67	Moderate risk
Actinopteri	Acanthuriformes	Pomacanthidae	<i>Pomacanthus</i>	<i>Pomacanthus chrysurus</i>	Goldtail angelfish	11	Comoros; Djibouti; Kenya; Madagascar; Mozambique; Seychelles; Somalia; South Africa; Sri Lanka; Tanzania; Viet Nam	✓	✓ (low)	None	commercial	Least Concern	Stable	2009	55.91	Moderate risk
Actinopteri	Acanthuriformes	Pomacanthidae	<i>Pomacanthus</i>	<i>Pomacanthus imperator</i>	Emperor angelfish	55	Timor-Leste; Tonga; Tuamotu Is.; Vanuatu; Viet Nam; Yemen	✓	✓ (moderate)	None	commercial	Least Concern	Stable	2009	67.79	Moderate risk
Actinopteri	Acanthuriformes	Pomacanthidae	<i>Pomacanthus</i>	<i>Pomacanthus maculosus</i>	Yellowbar angelfish	20	Socotra Arch.; Somalia; South Africa; Sudan; Tanzania; United Arab Em.; Yemen	✓	✓ (low)	Moderate	commercial	Least Concern	Stable	2009	61.23	Moderate risk
Actinopteri	Acanthuriformes	Pomacanthidae	<i>Pomacanthus</i>	<i>Pomacanthus nanarchus</i>	Bluegridded angelfish	12	Andaman Is.; Australia; Indonesia; Micronesia; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Solomon Is.; Taiwan; Timor-Leste; Viet Nam	✓	✓ (low)	Common	commercial	Least Concern	Stable	2009	38.84	Moderate risk
Actinopteri	Acanthuriformes	Pomacanthidae	<i>Pomacanthus</i>	<i>Pomacanthus parvifolius</i>	Semicircle angelfish	45	Tonga; Vanuatu; Viet Nam; Yemen	✓	✓ (low)	Rare	commercial	Least Concern	Stable	2009	64.99	Moderate risk
Actinopteri	Acanthuriformes	Pomacanthidae	<i>Pomacanthus</i>	<i>Pomacanthus sexstriatus</i>	Sixbar angelfish	18	Philippines; Ryukyu Is.; Solomon Is.; Sri Lanka; Taiwan; Thailand; Timor-Leste; Vanuatu; Viet Nam	✓	✓ (low)	Captive bred (not for retail)	commercial	Least Concern	Stable	2009	59.02	Moderate risk
Actinopteri	Acanthuriformes	Pomacanthidae	<i>Pomacanthus</i>	<i>Pomacanthus xanthurus</i>	Yellowface angelfish	16	New Guinea; Philippines; Ryukyu Is.; Taiwan; Timor-Leste; Vanuatu	✓	✓ (low)	None	commercial	Least Concern	Stable	2009	51.69	Moderate risk
Actinopteri	Acanthuriformes	Pomacanthidae	<i>Pomacanthus</i>	<i>Pomacanthus zosterops</i>	Cortez angelfish	10	Colombia; Costa Rica; Ecuador; El Salvador; Guatemala; Honduras; Mexico; Nicaragua; Panama; Peru	✓	✓ (low)	Moderate	commercial	Least Concern	Stable	2009	59.02	Moderate risk
Actinopteri	Ovalentaria	Pomacentridae	<i>Pomacentrus</i>	<i>Pomacentrus alpinus</i>	Andaman damselfish	3	Andaman Is.; Myanmar; Thailand	✓	✓ (moderate)	Rare	Unspecified	Least Concern	Unknown	2022	12.47	Lower risk
Actinopteri	Ovalentaria	Pomacentridae	<i>Pomacentrus</i>	<i>Pomacentrus amboinensis</i>	Amboin damselfish	21	Tonga; Vanuatu; Viet Nam	✓	✓ (very low)	Moderate	public aquariums	Least Concern	Unknown	2022	18.89	Lower risk
Actinopteri	Ovalentaria	Pomacentridae	<i>Pomacentrus</i>	<i>Pomacentrus surinensis</i>	Goldbally damselfish	6	Christmas I.; Indonesia; Micronesia; Palau; Philippines; Timor-Leste	✓	✓ (low)	No data	Unspecified	Least Concern	Unknown	2022	13.79	Lower risk
Actinopteri	Ovalentaria	Pomacentridae	<i>Pomacentrus</i>	<i>Pomacentrus australis</i>	Australian damselfish	1	Australia	✓	✓ (low)	No data	Unspecified	Least Concern	Unknown	2022	16.21	Lower risk
Actinopteri	Ovalentaria	Pomacentridae	<i>Pomacentrus</i>	<i>Pomacentrus baenschi</i>	Baenschi's damselfish	5	Comoros; Kenya; Mozambique; Somalia; Tanzania	✓	✓ (low)	Unspecified	Unspecified	not assessed	not assessed	not assessed	20.93	Lower risk
Actinopteri	Ovalentaria	Pomacentridae	<i>Pomacentrus</i>	<i>Pomacentrus bambanensis</i>	Speckled damselfish	19	Andaman Is.; Australia; Christmas I.; Fiji; Indonesia; Japan; Korea (South); Micronesia; New Caledonia; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Solomon Is.; Taiwan; Timor-Leste; Tonga; Vanuatu; Viet Nam	✓	✓ (very low)	No data	commercial	Least Concern	Unknown	2022	18.89	Lower risk
Actinopteri	Ovalentaria	Pomacentridae	<i>Pomacentrus</i>	<i>Pomacentrus burroughsi</i>	Burrough's damselfish	7	Indonesia; New Caledonia; Palau; Papua New Guinea; Philippines; Solomon Is.; Viet Nam	✓	Unspecified	No data	commercial	not assessed	not assessed	not assessed	17.13	Lower risk
Actinopteri	Ovalentaria	Pomacentridae	<i>Pomacentrus</i>	<i>Pomacentrus caeruleus</i>	Caerulean damselfish	12	Chagos Is.; Madagascar; Maldives; Mauritius; Mozambique; Oman; RÅlunion; Seychelles; Socotra Arch.; South Africa; Tanzania; Yemen	✓	✓ (low)	Captive bred (not for retail)	Unspecified	Least Concern	Unknown	2022	20.93	Lower risk
Actinopteri	Ovalentaria	Pomacentridae	<i>Pomacentrus</i>	<i>Pomacentrus chrysurus</i>	Whitetail damselfish	19	Andaman Is.; Australia; Christmas I.; Indonesia; Japan; Maldives; Micronesia; New Caledonia; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Solomon Is.; Sri Lanka; Taiwan; Thailand; Timor-Leste; Viet Nam	✓	✓ (low)	No data	public aquariums	Least Concern	Unknown	2022	18.89	Lower risk
Actinopteri	Ovalentaria	Pomacentridae	<i>Pomacentrus</i>	<i>Pomacentrus coelestis</i>	Neon damselfish	23	Taomotu Is.; Viet Nam	✓	✓ (low)	Captive bred (not for retail)	commercial	Least Concern	Unknown	2022	18.89	Lower risk
Actinopteri	Ovalentaria	Pomacentridae	<i>Pomacentrus</i>	<i>Pomacentrus imitator</i>	Imitator damselfish	4	Australia; Fiji; New Caledonia; Tonga	✓	✓ (low)	No data	Unspecified	Least Concern	Unknown	2022	22.69	Lower risk
Actinopteri	Ovalentaria	Pomacentridae	<i>Pomacentrus</i>	<i>Pomacentrus indicus</i>	Indian damselfish	5	Andaman Is.; Chagos Is.; Maldives; Seychelles; Sri Lanka	✓	✓ (low)	No data	Unspecified	Least Concern	Unknown	2022	22.69	Lower risk
Actinopteri	Ovalentaria	Pomacentridae	<i>Pomacentrus</i>	<i>Pomacentrus lepidogony</i>	Scaly damselfish	18	Ryukyu Is.; Solomon Is.; Taiwan; Thailand; Timor-Leste; Tonga; Vanuatu; Viet Nam	✓	✓ (low)	No data	Unspecified	Near Threatened	Unknown	2022	23.12	Moderate risk
Actinopteri	Ovalentaria	Pomacentridae	<i>Pomacentrus</i>	<i>Pomacentrus melanochr</i>	Indonesian damselfish	4	Indonesia; Philippines; Sri Lanka; Thailand	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2022	15.01	Lower risk
Actinopteri	Ovalentaria	Pomacentridae	<i>Pomacentrus</i>	<i>Pomacentrus moluccensis</i>	Lemon damselfish	22	Nam	✓	✓ (low)	Common	commercial	Least Concern	Unknown	2022	24.71	Lower risk
Actinopteri	Ovalentaria	Pomacentridae	<i>Pomacentrus</i>	<i>Pomacentrus nagsagalensis</i>	Napagalaki damselfish	16	Andaman Is.; Australia; Indonesia; Japan; Korea (South); Maldives; New Caledonia; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Sri Lanka; Taiwan; Timor-Leste; Vanuatu; Viet Nam	✓	✓ (low)	Captive bred (not for retail)	commercial	Least Concern	Unknown	2022	22.69	Lower risk
Actinopteri	Ovalentaria	Pomacentridae	<i>Pomacentrus</i>	<i>Pomacentrus nigromanus</i>	Goldback damselfish	11	Vanuatu; Viet Nam	✓	✓ (low)	No data	Unspecified	Least Concern	Unknown	2022	18.89	Lower risk
Actinopteri	Ovalentaria	Pomacentridae	<i>Pomacentrus</i>	<i>Pomacentrus parv</i>	Sapphire damselfish	35	American Samoa; Australia; China; Cocos Is. (Keel); Comoros; Cook Is.; French Polynesia; Guam; India; Indonesia; Japan; Kiribati; Lord Howe I.; Madagascar; Maldives; Marquesas Is.; Marshall Is.; Micronesia; Mozambique; New Caledonia; Norfolk I.; Palau; Papua New Guinea; Philippines; RÅlunion; Samoa; Seychelles; South Africa; Tahiti; Taiwan; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Viet Nam	✓	✓ (very low)	Rare	public aquariums	Least Concern	Unknown	2022	22.08	Lower risk
Actinopteri	Ovalentaria	Pomacentridae	<i>Pomacentrus</i>	<i>Pomacentrus philippinus</i>	Philippine damselfish	20	Andaman Is.; Australia; China; Guam; Hong Kong; Indonesia; Japan; Maldives; Micronesia; New Caledonia; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Solomon Is.; Taiwan; Thailand; Timor-Leste; Vanuatu; Viet Nam	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2022	23.43	Lower risk
Actinopteri	Ovalentaria	Pomacentridae	<i>Pomacentrus</i>	<i>Pomacentrus paku</i>	Blacklip damselfish	2	Mauritius; RÅlunion	✓	✓ (low)	None	Unspecified	Least Concern	Unknown	2022	22.69	Lower risk

Non-CITES-listed marine ornamental fish species (n=210), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Taxonomy						Range States	Evidence of species in International trade	Species imported in EU and/or UK (% Imports)	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Red List year of assessment	Extinction risk/vulnerability	Likelihood of threat from International trade	
Class	Order	Family	Genus	Species	Common Name	No of native range States	List of native range States									
Actinopteri	Ovalentaria	Pomacentridae	Pomacentrus	<i>Pomacentrus reidi</i>	Redf's damselfish	1	Australia; Indonesia; Micronesia; New Caledonia; Palau; Papua New Guinea; Philippines; Solomon Is.; Timor-Leste; Vanuatu; Viet Nam	✓	No data	Unspecified	Least Concern	Unknown	2022	18.89	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	Pomacentrus	<i>Pomacentrus similis</i>	Blueback damselfish	12	Cambodia; Indonesia; Japan; Micronesia; New Caledonia; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Solomon Is.; Vanuatu; Viet Nam	✓	✓ (low)	No data	Unspecified	Least Concern	Unknown	2022	17.15	Lower risk
Actinopteri	Ovalentaria	Pomacentridae	Pomacentrus	<i>Pomacentrus smithi</i>	Smith's damselfish	8	Fiji; Indonesia; Japan; Papua New Guinea; Philippines; Solomon Is.; Vanuatu; Viet Nam	✓	No data	Unspecified	Least Concern	Stable	2009	14.21	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	Pomacentrus	<i>Pomacentrus sulfureus</i>	Sulphur damselfish	10	Comoros; Egypt; Jordan; Kenya; Madagascar; Mauritius; Mozambique; Seychelles; Somalia; Tanzania	✓	No data	Unspecified	Least Concern	Unknown	2022	22.89	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	Pomacentrus	<i>Pomacentrus tholozani</i>	Threeline damselfish	10	Jordan; Kenya; Madagascar; Mozambique; Oman; Saudi Arabia; Seychelles; Somalia; Tanzania; Viet Nam	✓	Unspecified	Least Concern	Unknown	2022	20.93	Lower risk		
Actinopteri	Ovalentaria	Pomacentridae	Pomacentrus	<i>Pomacentrus tripartitus</i>	Threespot damselfish	18	Guinea; Philippines; Solomon Is.; Sri Lanka; Taiwan; Thailand; Timor-Leste; Vanuatu	✓	No data	Unspecified	Least Concern	Unknown	2022	19.23	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	Pomacentrus	<i>Pomacentrus vaoui</i>	Ocellate damselfish	20	Marianas; Palau; Papua New Guinea; Philippines; Samoa; Taiwan; Timor-Leste; Tonga; Vanuatu; Viet Nam	✓	No data	commercial	Least Concern	Unknown	2022	23.43	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	Pomacentrus	<i>Pomacentrus richardsoni</i>	Richardson's reef-damselfish	14	Australia; China; Fiji; Japan; Mauritius; New Caledonia; Philippines; R�union; Ryukyu Is.; Samoa; Taiwan; Tonga; Vanuatu; Viet Nam	✓	No data	Unspecified	Least Concern	Unknown	2022	14.62	Lower risk	
Actinopteri	Esperacaria	Haemulidae	Pomadasys	<i>Pomadasys laevis</i>	Javelin gunter	34	Arab Em.; Yemen	✓	No data	rarely	not assessed	not assessed	not assessed	38.25	Moderate risk	
Elasmobranchii	Carcharhiniformes	Scyliorhinidae	Pseudocarcharias	<i>Pseudocarcharias kamoharui</i>	Leopard catshark	1	South Africa	✓	No data	Unspecified	Least Concern	Increasing	2019	56.62	-	
Actinopteri	Ovalentaria	Pomacentridae	Premnas	<i>Premnas biaculeatus</i>	Spinecheek anemonefish	17	Guinea; Philippines; Solomon Is.; Thailand; Timor-Leste; Vanuatu; Viet Nam	✓	✓ (moderate)	Common	commercial	not assessed	not assessed	not assessed	28.25	Lower risk
Actinopteri	Esperacaria	Priacanthidae	Priacanthus	<i>Priacanthus armatus</i>	Atlantic bigeye	75	Virgin Is. (US); West Sahara	✓	No data	commercial	Least Concern	Unknown	2013	24.62	Lower risk	
Actinopteri	Esperacaria	Priacanthidae	Priacanthus	<i>Priacanthus blochi</i>	Paenyn bulseye	19	Guinea; Philippines; Samoa; Seychelles; Somalia; Taiwan; Tanzania; Timor-Leste; United Arab Em.; Yemen	✓	No data	commercial	Least Concern	Unknown	2015	23.47	Lower risk	
Actinopteri	Esperacaria	Priacanthidae	Priacanthus	<i>Priacanthus hamur</i>	Moonlight bulseye	58	Lebanon; Samoa; Saudi Arabia; Seychelles; Somalia; South Africa; Sri Lanka; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuvalu; United Arab Em.; Vanuatu; Viet Nam; Wallis Futuna; Yemen	✓	No data	commercial	Least Concern	Unknown	2015	24.42	Lower risk	
Actinopteri	Esperacaria	Priacanthidae	Priacanthus	<i>Priacanthus meeki</i>	Hawaiian bigeye	2	Galapagos Is.; Hawaii	✓	No data	commercial	Least Concern	Unknown	2015	22.68	-	
Actinopteri	Gobiiformes	Gobiidae	<i>Protopis aureoviridis</i>	Yellow-green goby	3	Hawaii; Johnston I. Micronesia	✓	No data	rarely	Least Concern	Unknown	2020	12.01	Lower risk		
Actinopteri	Gobiiformes	Gobiidae	<i>Protopis</i>	<i>Protopis boreus</i>	Yellow-green goby	3	Japan; Korea (South); Taiwan	✓	No data	commercial	Least Concern	Unknown	2020	10	-	
Actinopteri	Gobiiformes	Gobiidae	<i>Protopis</i>	<i>Protopis cincta</i>	Banded reef goby	37	Andaman Is.; Australia; Cargados Carajos; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Comoros; Fiji; Guam; Indonesia; Japan; Jordan; Kenya; Kiribati; Maldives; Mauritius; Micronesia; Mozambique; New Caledonia; North Marianas; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; R�union; Rodriguez; Ryukyu Is.; Seychelles; Solomon Is.; South Africa; Taiwan; Timor-Leste; Tonga; Vanuatu; Viet Nam	✓	✓ (low)	Captive bred (not for retail)	commercial	Least Concern	Unknown	2017	14.21	Lower risk
Actinopteri	Gobiiformes	Gobiidae	<i>Protopis</i>	<i>Protopis hepali</i>	Rusty goby	29	Lucia; St Vincent Gren.; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	No data	commercial	Least Concern	Unknown	2010	10	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	<i>Protopis</i>	<i>Protopis nocturna</i>	Blackbarred reefgoby	9	Comoros; Indonesia; Kiribati; Malaysia; Maldives; Marquesas Is.; Papua New Guinea; Philippines; Seychelles	✓	✓ (low)	None	rarely	Least Concern	Unknown	2015	10	Lower risk
Actinopteri	Gobiiformes	Gobiidae	<i>Protopis</i>	<i>Protopis semidulata</i>	Half-barred goby	47	Solomon Is.; Sri Lanka; Taiwan; Thailand; Timor-Leste; Tonga; Tuvalu; Viet Nam	✓	No data	commercial	Least Concern	Unknown	2015	10	-	
Actinopteri	Perciformes/Scorpaenoidi	Troglidae	<i>Prionotus</i>	<i>Prionotus ophrys</i>	Banilail searobin	8	Bahamas; Colombia; Jamaica; Mexico; Puerto Rico; USA; Venezuela; Virgin Is. (US)	✓	No data	Unspecified	Least Concern	Unknown	2012	32.59	Lower risk	
Actinopteri	Perciformes/Scorpaenoidi	Troglidae	<i>Prionotus</i>	<i>Prionotus punctatus</i>	Bluntnose searobin	38	Guinea; Indonesia; Kiribati; Maldives; Mauritius; Micronesia; Mozambique; New Caledonia; North Marianas; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; R�union; Rodriguez; Ryukyu Is.; USA	✓	No data	commercial	Least Concern	Unknown	2013	56.58	-	
Actinopteri	Acanthuriformes	Acanthuridae	<i>Prionurus</i>	<i>Prionurus chrysurus</i>	Indiscent sawtail	2	Indonesia; Papua New Guinea	✓	✓ (very low)	No data	commercial	Data Deficient	Unknown	2010	35.24	Moderate risk
Actinopteri	Acanthuriformes	Acanthuridae	<i>Prionurus</i>	<i>Prionurus biclavis</i>	Razor surgenfish	8	Cocos I. (C.R.); Colombia; Costa Rica; Ecuador; Galapagos Is.; Panama; Peru; Revillagigedo	✓	No data	commercial	Least Concern	Stable	2010	39.49	Moderate risk	
Actinopteri	Acanthuriformes	Acanthuridae	<i>Prionurus</i>	<i>Prionurus maculatus</i>	Yellowspotted sawtail	6	Australia; Comoros; Cook Is.; Lord Howe I.; New Caledonia; New Zealand; Norfolk I.	✓	No data	commercial	Least Concern	Unknown	2010	34.25	Unknown	
Actinopteri	Acanthuriformes	Acanthuridae	<i>Prionurus</i>	<i>Prionurus microlepidus</i>	Sulphur sawtail	4	Australia; Japan; Lord Howe I.; Norfolk I.	✓	No data	commercial	Least Concern	Unknown	2010	49.65	-	
Actinopteri	Acanthuriformes	Acanthuridae	<i>Prionurus</i>	<i>Prionurus punctatus</i>	Yellowtail surgenfish	5	Ecuador; El Salvador; Guatemala; Mexico; Revillagigedo	✓	No data	commercial	Least Concern	Stable	2010	39.49	Moderate risk	
Actinopteri	Acanthuriformes	Acanthuridae	<i>Prionurus</i>	<i>Prionurus scalpium</i>	Scalped sawtail	6	China; Hong Kong; Japan; Korea (South); Ryukyu Is.; Taiwan	✓	No data	commercial	Data Deficient	Stable	2010	38.83	-	
Actinopteri	Kurifformes	Apogonidae	<i>Pristigaster</i>	<i>Pristigaster esostigma</i>	Narrowstripe cardinalfish	33	Hawaii; Hong Kong; Indonesia; Israel; Japan; Johnston I.; Lord Howe I.; Maldives; French Polynesia; Guam; Palau; Papua New Guinea; Philippines; Pitcairn; Ryukyu Is.; Samoa; Taiwan; Thailand; Tonga; Vanuatu; Viet Nam; Wake I.	✓	No data	Unspecified	Least Concern	Unknown	2022	11.53	Lower risk	
Actinopteri	Kurifformes	Apogonidae	<i>Pristigaster</i>	<i>Pristigaster kallipectus</i>	Iridescent cardinalfish	52	Tanzania; Timor-Leste; Tonga; Tuvalu; USA	✓	No data	commercial	Least Concern	Unknown	2022	14.21	Lower risk	
Actinopteri	Kurifformes	Apogonidae	<i>Pristigaster</i>	<i>Pristigaster taenipectus</i>	Banflin cardinalfish	21	Tonga; Tuvalu	✓	No data	commercial	not assessed	not assessed	not assessed	17.31	-	
Actinopteri	Esperacaria	Priacanthidae	<i>Pristigaster</i>	<i>Pristigaster alta</i>	Short bigeye	24	USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	No data	commercial	Least Concern	Unknown	2014	20.48	Lower risk	
Actinopteri	Esperacaria	Priacanthidae	<i>Pristigaster</i>	<i>Pristigaster senaia</i>	Papeye catalufa	14	Cocos I. (C.R.); Colombia; Costa Rica; Ecuador; El Salvador; Galapagos Is.; Guatemala; Honduras; Mexico; Nicaragua; Panama; Peru; Revillagigedo; USA	✓	✓ (very low)	None	rarely	Least Concern	Unknown	2007	23.14	Lower risk
Actinopteri	Ovalentaria	Pomacentridae	<i>Pristotis</i>	<i>Pristotis obsoletus</i>	Gulf damselfish	23	Vanuatu; Viet Nam	✓	No data	commercial	not assessed	not assessed	not assessed	16.54	-	
Actinopteri	Acanthuriformes	Chaetodontidae	<i>Prognathodes</i>	<i>Prognathodes aculeatus</i>	Longnosed butterflyfish	26	Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (low)	None	commercial	Least Concern	Stable	2009	10	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	<i>Prognathodes</i>	<i>Prognathodes ap</i>	Bank butterflyfish	2	Mexico; USA	✓	No data	commercial	Least Concern	Unknown	2009	12.01	Lower risk	
Actinopteri	Acanthuriformes	Chaetodontidae	<i>Prognathodes</i>	<i>Prognathodes dichrous</i>	Bicolor butterflyfish	2	Ascension I.; St Helena	✓	No data	commercial	Least Concern	Unknown	2009	12.47	Lower risk	
Actinopteri	Acanthuriformes	Chaetodontidae	<i>Prognathodes</i>	<i>Prognathodes falcor</i>	Soythemiered butterflyfish	4	Ecuador; Galapagos Is.; Mexico; USA	✓	No data	commercial	Least Concern	Unknown	2009	12.01	Lower risk	
Actinopteri	Acanthuriformes	Chaetodontidae	<i>Prognathodes</i>	<i>Prognathodes guaezi</i>	Guiez's butterflyfish	3	Comoros; Mauritius; R�union	✓	No data	rarely	Data Deficient	Unknown	2009	10	-	
Actinopteri	Acanthuriformes	Chaetodontidae	<i>Prognathodes</i>	<i>Prognathodes guyanensis</i>	French butterflyfish	13	Suriname; Venezuela	✓	No data	commercial	Least Concern	Unknown	2009	11.03	Lower risk	
Actinopteri	Acanthuriformes	Chaetodontidae	<i>Prognathodes</i>	<i>Prognathodes marcellii</i>	Black butterflyfish	6	Angola; Cape Verde; Gabon; Senegal; Sierra Leone; Togo	✓	No data	Unspecified	Least Concern	Unknown	2009	10	Lower risk	
Actinopteri	Pleurocentriformes	Pleuronectidae	<i>Pterichthys</i>	<i>Pterichthys malacostictus</i>	Pacific sand sole	3	Alaska; Canada; USA	✓	✓ (very low)	No data	public aquaria	Least Concern	Unknown	2020	37.41	Lower risk
Actinopteri	Kurifformes	Apogonidae	<i>Pseudamia</i>	<i>Pseudamia amblygaster</i>	White-jawed cardinalfish	11	Tonga	✓	No data	rarely	Least Concern	Unknown	2022	10	Lower risk	
Actinopteri	Perciformes/Serranoidi	Serranidae	<i>Pseudanthias</i>	<i>Pseudanthias aurulentus</i>	Orange-striped anthias	1	Kiribati	✓	✓ (very low)	None	rarely	Least Concern	Stable	2015	10	Lower risk
Actinopteri	Perciformes/Serranoidi	Serranidae	<i>Pseudanthias</i>	<i>Pseudanthias barlettorum</i>	Barlett's anthias	12	Tonga; Wake I.	✓	✓ (low)	None	Unspecified	Least Concern	Stable	2015	12.93	Lower risk
Actinopteri	Perciformes/Serranoidi	Serranidae	<i>Pseudanthias</i>	<i>Pseudanthias bicolor</i>	Bicolor anthias	19	Micronesia; New Caledonia; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Taiwan; Timor-Leste	✓	✓ (low)	None	commercial	Least Concern	Unknown	2015	18.38	Lower risk
Actinopteri	Perciformes/Serranoidi	Serranidae	<i>Pseudanthias</i>	<i>Pseudanthias bimaculatus</i>	Two-spot basslet	7	Andaman Is.; Indonesia; Maldives; Mayotte; Mozambique; R�union; Seychelles	✓	✓ (low)	None	commercial	Least Concern	Unknown	2017	19.81	Lower risk

Non-CITES-listed marine ornamental fish species (n=2160), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Taxonomy						Range States	Evidence of species in international trade	Species imported in EU and/or UK (%) Imports	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Red List year of assessment	Extinction risk/vulnerability		
Class	Order	Family	Genus	Species	Common Name	No of native range States	List of native range States							Vulnerability (FishBase)	Likelihood of threat from international trade	
Actinopteri	Perciformes/Serranidae	Serranidae	Pseudanthias	<i>Pseudanthias cooperi</i>	Red bar anthias	2	Christmas I.; Indonesia; Christmas I.; Cook Is.; Cocos Is. (Keel); Cook Is.; Fiji; Guam; India; Indonesia; Japan; Kenya; Kiribati; Maldives; Marshall Is.; Mauritius; Mayotte; Micronesia; New Caledonia; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Solomon Is.; Taiwan; Timor-Leste; Tonga; Wake I.	✓	✓ (low)	None	public aquariums	Least Concern	Stable	2015	19.81 Lower risk	
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Pseudanthias</i>	<i>Pseudanthias dispar</i>	Peach fairy basslet	22	Australia; Fiji; Indonesia; Japan; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Solomon Is.; Taiwan; Tonga	✓	✓ (low)	None	commercial	Least Concern	Stable	2015	13.79 Lower risk	
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Pseudanthias</i>	<i>Pseudanthias engelhardi</i>	Orangebar anthias	9	Australia; Fiji; Indonesia; New Caledonia; Palau; Papua New Guinea; Philippines; Solomon Is.; Tonga	✓	✓ (very low)	No data	rarely	Least Concern	Unknown	2015	14.21 Lower risk	
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Pseudanthias</i>	<i>Pseudanthias evansi</i>	Yellowback anthias	16	Christmas I.; Indonesia; Christmas I.; Cocos Is. (Keel); Indonesia; Kenya; Maldives; Mauritius; Mayotte; Mozambique; New Caledonia; Seychelles; South Africa; Sri Lanka; Tanzania; Yemen	✓	✓ (moderate)	None	commercial	Least Concern	Unknown	2017	21.31 Lower risk	
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Pseudanthias</i>	<i>Pseudanthias fasciatus</i>	One-stripe anthias	11	Australia; Fiji; Indonesia; Japan; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Solomon Is.; Taiwan; Tonga	✓	✓ (very low)	None	rarely	Least Concern	Unknown	2022	25.94 Lower risk	
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Pseudanthias</i>	<i>Pseudanthias froggattatus</i>	Yellow-spotted anthias	8	Christmas I.; Indonesia; Japan; Marshall Is.; Palau; Philippines; Ryukyu Is.; Timor-Leste	✓	✓ (low)	None	rarely	Least Concern	Unknown	2015	17.15 Lower risk	
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Pseudanthias</i>	<i>Pseudanthias hawaiiensis</i>	Orangehead anthias	1	Jordan	✓	✓	No data	commercial	not assessed	not assessed	not assessed	2015	18.38 -
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Pseudanthias</i>	<i>Pseudanthias hutchii</i>	Red-cheeked fairy basslet	9	Australia; Fiji; Indonesia; Palau; Papua New Guinea; Philippines; Solomon Is.; Timor-Leste; Vanuatu	✓	✓ (low)	None	commercial	Least Concern	Stable	2015	16.49 Lower risk	
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Pseudanthias</i>	<i>Pseudanthias hulomai</i>	Hulomai's anthias	4	Bruni; Darum; Indonesia; Papua New Guinea; Philippines	✓	✓ (very low)	None	rarely	Least Concern	Unknown	2022	16.49 Lower risk	
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Pseudanthias</i>	<i>Pseudanthias hypodroma</i>	Sticky anthias	17	Andaman Is.; Australia; Fiji; Indonesia; Japan; Maldives; New Caledonia; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Taiwan; Timor-Leste; Tonga; Vanuatu; Viet Nam	✓	✓ (low)	Captive bred (not for retail)	commercial	Least Concern	Unknown	2016	24.47 Lower risk	
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Pseudanthias</i>	<i>Pseudanthias igneus</i>	Flame anthias	4	Andaman Is.; Indonesia; Maldives; Thailand	✓	✓ (low)	None	commercial	Least Concern	Unknown	2009	12.93 Lower risk	
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Pseudanthias</i>	<i>Pseudanthias lori</i>	Lori's anthias	18	Caledonia; Palau; Philippines; Ryukyu Is.; Samoa; Tahiti; Timor-Leste; Tonga; Tuamotu Is.	✓	✓ (low)	None	commercial	Least Concern	Stable	2015	16.49 Lower risk	
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Pseudanthias</i>	<i>Pseudanthias luzonensis</i>	Yellowlined anthias	2	Leste; Vanuatu	✓	✓ (low)	None	commercial	Least Concern	Stable	2015	20.93 Lower risk	
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Pseudanthias</i>	<i>Pseudanthias parvirostris</i>	Sunset anthias	8	Australia; Indonesia; Japan; Palau; Papua New Guinea; Philippines; Solomon Is.; Timor-Leste	✓	✓ (low)	No data	rarely	Least Concern	Unknown	2015	12.93 Lower risk	
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Pseudanthias</i>	<i>Pseudanthias pascalis</i>	Amethyst anthias	21	Tuamotu Is.	✓	✓ (very low)	No data	Unspecified	Least Concern	Unknown	2015	24.79 Lower risk	
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Pseudanthias</i>	<i>Pseudanthias perditus</i>	Fainted anthias	6	Australia; Fiji; Lord Howe I.; New Caledonia; Norfolk I.; Tonga	✓	✓ (low)	None	commercial	Least Concern	Unknown	2009	19.22 Lower risk	
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Pseudanthias</i>	<i>Pseudanthias peronensis</i>	Square-spot fairy basslet	20	American Samoa; Australia; Christmas I.; Fiji; Guam; Indonesia; Japan; Marshall Is.; Micronesia; New Caledonia; North Marianas; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Solomon Is.; Taiwan; Timor-Leste; Tonga	✓	✓ (low)	Rare	rarely	Least Concern	Unknown	2009	24.79 Lower risk	
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Pseudanthias</i>	<i>Pseudanthias pulcherrimus</i>	Resplendent gudge	5	Andaman Is.; Chagos Is.; Maldives; Mauritius; Seychelles	✓	✓ (moderate)	None	rarely	Least Concern	Unknown	2017	12.47 Lower risk	
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Pseudanthias</i>	<i>Pseudanthias randalli</i>	Randall's fairy basslet	14	Ryukyu Is.; Timor-Leste; Tonga; Wake I.	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2015	13.79 Lower risk	
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Pseudanthias</i>	<i>Pseudanthias rubrizonatus</i>	Red-bellied anthias	11	Taiwan	✓	✓ (low)	No data	Unspecified	Least Concern	Stable	2015	16.49 Lower risk	
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Pseudanthias</i>	<i>Pseudanthias smithvanizii</i>	Princess anthias	13	Philippines; Solomon Is.; Timor-Leste; Wake I.	✓	✓ (low)	None	commercial	Least Concern	Stable	2015	13.79 Lower risk	
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Pseudanthias</i>	<i>Pseudanthias squampinnis</i>	Sea goldie	42	Australia; Christmas I.; Cook Is.; Cocos Is. (Keel); Indonesia; Kiribati; Malaysia; Marshall Is.; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Timor-Leste; Tonga; Wake I.	✓	✓ (high)	Captive bred (not for retail)	commercial	Least Concern	Stable	2015	22.97 Lower risk	
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Pseudanthias</i>	<i>Pseudanthias taeniosus</i>	White-striped anthias	2	Egypt; Saudi Arabia	✓	✓	No data	commercial	Least Concern	Unknown	2017	18.38 Lower risk	
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Pseudanthias</i>	<i>Pseudanthias tana</i>	Black-striped anthias	3	Japan; Ogasawara Is.; Ryukyu Is.	✓	✓	No data	rarely	Data Deficient	Unknown	2022	14.21 Lower risk	
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Pseudanthias</i>	<i>Pseudanthias thompsoni</i>	Hawaiian anthias	3	Hawaii; Japan; Ogasawara Is.	✓	✓	No data	commercial	Least Concern	Unknown	2015	26.82 Lower risk	
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Pseudanthias</i>	<i>Pseudanthias tuka</i>	Yellow-striped fairy basslet	13	Australia; China; Indonesia; Japan; Mauritius; Palau; Papua New Guinea; Philippines; Solomon Is.; Taiwan; Timor-Leste; Vanuatu; Viet Nam	✓	✓ (moderate)	None	commercial	Least Concern	Stable	2015	16.49 Lower risk	
Actinopteri	Perciformes/Serranidae	Serranidae	<i>Pseudanthias</i>	<i>Pseudanthias ventralis</i>	Longfin anthias	15	Marianas; Ogasawara Is.; Philippines; Pitcairn; Tonga	✓	✓ (very low)	None	Unspecified	Least Concern	Unknown	2009	10.53 Lower risk	
Actinopteri	Anguilliformes	Muraenidae	<i>Pseudochelodina</i>	<i>Pseudochelodina hummeri</i>	White ribbon eel	17	Guinea; Philippines; Ryukyu Is.; Samoa; Somalia; Taiwan; Timor-Leste	✓	✓ (low)	None	rarely	Least Concern	Unknown	2011	63.62 Moderate risk	
Actinopteri	Tetraodontiformes	Balistidae	<i>Pseudobalistes</i>	<i>Pseudobalistes flavimarginatus</i>	Yellowmargin triggerfish	35	Africa; Andaman Is.; Australia; Cambodia; Chagos Is.; China; Cook Is.; Egypt; Fiji; French Polynesia; Guam; India; Indonesia; Japan; Jordan; Kenya; Korea (South); Lord Howe I.; Madagascar; Maldives; Marshall Is.; Mauritius; Mayotte; Micronesia; Mozambique; New Caledonia; Niue; Norfolk I.; Ogasawara Is.; Palau; Papua New Guinea; Philippines; R&U;onion; Saudi Arabia; Seychelles; Socotra Arch.; Solomon Is.; Somalia; South Africa; Taiwan; Tanzania; Thailand; Timor	✓	✓ (very low)	None	commercial	Least Concern	Unknown	2022	29.47 Lower risk	
Actinopteri	Tetraodontiformes	Balistidae	<i>Pseudobalistes</i>	<i>Pseudobalistes fuscus</i>	Yellow-spotted triggerfish	39	Somalia; South Africa; Sri Lanka; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Viet Nam	✓	✓ (low)	None	commercial	Least Concern	Unknown	2022	40.52 Lower risk	
Actinopteri	Euperacaria	Labridae	<i>Pseudochelipops</i>	<i>Pseudochelipops ataenia</i>	Pelvic-spot wrasse	5	Indonesia; Palau; Papua New Guinea; Philippines; Solomon Is.	✓	✓ (low)	None	rarely	Least Concern	Unknown	2009	12.01 Lower risk	
Actinopteri	Euperacaria	Labridae	<i>Pseudochelipops</i>	<i>Pseudochelipops erianthus</i>	Striated wrasse	45	Wake I.; Wallis Futuna; Yemen	✓	✓ (low)	None	commercial	Least Concern	Unknown	2009	15.39 Lower risk	
Actinopteri	Euperacaria	Labridae	<i>Pseudochelipops</i>	<i>Pseudochelipops heanania</i>	Sisline wrasse	17	Is.; Palau; Pitcairn; Ryukyu Is.; Tahiti; Tuamotu Is.; Vanuatu; Wake I.	✓	✓ (moderate)	Rare	commercial	Least Concern	Unknown	2009	17.67 Lower risk	
Actinopteri	Euperacaria	Labridae	<i>Pseudochelipops</i>	<i>Pseudochelipops ocellatus</i>	Whitebarred wrasse	17	Is.; Palau; Pitcairn; Ryukyu Is.; Tahiti; Tuamotu Is.; Vanuatu; Wake I.	✓	✓ (low)	None	rarely	Least Concern	Unknown	2009	22.76 Lower risk	
Actinopteri	Euperacaria	Labridae	<i>Pseudochelipops</i>	<i>Pseudochelipops octotaenia</i>	Eight-lined wrasse	42	Vanuatu; Viet Nam; Wake I.	✓	✓ (low)	None	commercial	Least Concern	Unknown	2009	27.68 Lower risk	
Actinopteri	Euperacaria	Labridae	<i>Pseudochelipops</i>	<i>Pseudochelipops tetraetania</i>	Four-lined wrasse	20	American Samoa; Caroline I.; Cook Is.; Fiji; French Polynesia; Guam; Hawaii; Japan; Johnston I.; Marshall Is.; Micronesia; New Caledonia; Niue; North Marianas; Palau; Philippines; Pitcairn; Tonga; Tuamotu Is.; Wake I.	✓	✓ (low)	None	commercial	Least Concern	Unknown	2009	13.37 Lower risk	
Actinopteri	Ovalentaria	Pseudochromidae	<i>Pseudochromis</i>	<i>Pseudochromis albanensis</i>	Orange dottyback	9	Bahrain; Kuwait; Oman; Pakistan; Qatar; Saudi Arabia; Seychelles; Sri Lanka; United Arab Em.	✓	✓ (low)	Common	commercial	Least Concern	Unknown	2019	18.58 Lower risk	
Actinopteri	Ovalentaria	Pseudochromidae	<i>Pseudochromis</i>	<i>Pseudochromis blattellatus</i>	Double-striped dottyback	8	Australia; Indonesia; Malaysia; Micronesia; Palau; Papua New Guinea; Philippines; Solomon Is.	✓	✓ (very low)	Captive bred (not for retail)	Unspecified	Least Concern	Unknown	2015	22.27 Lower risk	
Actinopteri	Ovalentaria	Pseudochromidae	<i>Pseudochromis</i>	<i>Pseudochromis coccozincada</i>	White-breasted dottyback	3	Andaman Is.; Indonesia; Maldives	✓	✓ (very low)	Captive bred (not for retail)	rarely	Least Concern	Unknown	2022	10 Lower risk	
Actinopteri	Ovalentaria	Pseudochromidae	<i>Pseudochromis</i>	<i>Pseudochromis cyanotaenia</i>	Surge dottyback	19	Australia; Fiji; Guam; Hong Kong; Indonesia; Japan; Kiribati; Malaysia; Marshall Is.; Micronesia; New Caledonia; North Marianas; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Taiwan; Vanuatu; Viet Nam	✓	✓ (low)	Captive bred (not for retail)	commercial	Least Concern	Unknown	2015	12.01 Lower risk	
Actinopteri	Ovalentaria	Pseudochromidae	<i>Pseudochromis</i>	<i>Pseudochromis directus</i>	Surge dottyback	1	Sri Lanka	✓	✓ (very low)	Captive bred (not for retail)	rarely	Least Concern	Unknown	2022	16.87 Lower risk	
Actinopteri	Ovalentaria	Pseudochromidae	<i>Pseudochromis</i>	<i>Pseudochromis diurus</i>	Forktail dottyback	3	Jordan; Saudi Arabia; Sudan	✓	✓	No data	commercial	Least Concern	Unknown	2009	16.55 Lower risk	
Actinopteri	Ovalentaria	Pseudochromidae	<i>Pseudochromis</i>	<i>Pseudochromis duboisi</i>	Dubois	4	Mozambique; Pakistan; Seychelles; South Africa	✓	✓	Common	commercial	Least Concern	Unknown	2019	16.55 Lower risk	
Actinopteri	Ovalentaria	Pseudochromidae	<i>Pseudochromis</i>	<i>Pseudochromis elongatus</i>	Elongate dottyback	2	Indonesia; Philippines	✓	✓ (low)	Common	rarely	Least Concern	Unknown	2022	14.62 Lower risk	
Actinopteri	Ovalentaria	Pseudochromidae	<i>Pseudochromis</i>	<i>Pseudochromis flammeicauda</i>	Orange-tail dottyback	1	Australia	✓	✓	No data	rarely	Least Concern	Unknown	2022	10.53 Lower risk	
Actinopteri	Ovalentaria	Pseudochromidae	<i>Pseudochromis</i>	<i>Pseudochromis flaviventris</i>	Sunrise dottyback	4	Egypt; Jordan; Saudi Arabia; Yemen	✓	✓ (low)	Moderate	commercial	Least Concern	Stable	2019	13.37 Lower risk	
Actinopteri	Ovalentaria	Pseudochromidae	<i>Pseudochromis</i>	<i>Pseudochromis fridmani</i>	Orchid dottyback	3	Egypt; Jordan; Saudi Arabia	✓	✓ (moderate)	Common	commercial	Least Concern	Unknown	2015	12.01 Lower risk	
Actinopteri	Ovalentaria	Pseudochromidae	<i>Pseudochromis</i>	<i>Pseudochromis fuscus</i>	Brown dottyback	19	Papua New Guinea; Philippines; Ryukyu Is.; Solomon Is.; Sri Lanka; Taiwan; Vanuatu; Viet Nam	✓	✓ (low)	Common	commercial	Least Concern	Unknown	2015	13.55 Lower risk	
Actinopteri	Ovalentaria	Pseudochromidae	<i>Pseudochromis</i>	<i>Pseudochromis jamaei</i>	Spot-tailed dottyback	9	American Samoa; Australia; Fiji; New Caledonia; Palau; Papua New Guinea; Samoa; Solomon Is.; Tonga; Vanuatu	✓	✓	No data	rarely	Least Concern	Unknown	2015	10.53 -	
Actinopteri	Ovalentaria	Pseudochromidae	<i>Pseudochromis</i>	<i>Pseudochromis marshallensis</i>	Marshall Is. dottyback	14	Australia; Indonesia; Japan; Marshall Is.; Micronesia; New Caledonia; Ogasawara Is.; Palau; Philippines; Pitcairn; Ryukyu Is.; Samoa; Seychelles; South Africa; Taiwan; Vanuatu; Viet Nam	✓	✓	No data	Unspecified	Least Concern	Unknown	2015	14.62 Lower risk	
Actinopteri	Ovalentaria	Pseudochromidae	<i>Pseudochromis</i>	<i>Pseudochromis olivaceus</i>	Orange dottyback	3	Iran; Jordan; Saudi Arabia	✓	✓	Captive bred (not for retail)	commercial	Least Concern	Unknown	2019	16.55 Lower risk	
Actinopteri	Ovalentaria	Pseudochromidae	<i>Pseudochromis</i>	<i>Pseudochromis ornatus</i>	White-striped dottyback	2	Oman; Yemen	✓	✓	No data	rarely	Data Deficient	Unknown	2009	26.86 -	
Actinopteri	Ovalentaria	Pseudochromidae	<i>Pseudochromis</i>	<i>Pseudochromis persicus</i>	Blue-spotted dottyback	7	Bahrain; Kuwait; Oman; Pakistan; Qatar; Saudi Arabia; United Arab Em.	✓	✓	No data	commercial	Least Concern	Unknown	2019	25.07 Lower risk	
Actinopteri	Ovalentaria	Pseudochromidae	<i>Pseudochromis</i>	<i>Pseudochromis perspicillatus</i>	Dottyback	6	China; Indonesia; Japan; Malaysia; Papua New Guinea; Philippines	✓	✓ (very low)	None	rarely	Least Concern	Unknown	2022	22.27 Lower risk	
Actinopteri	Ovalentaria	Pseudochromidae	<i>Pseudochromis</i>	<i>Pseudochromis pygmaeus</i>	Pink dottyback	3	Egypt; Jordan; Saudi Arabia	✓	✓	No data	commercial	Least Concern	Unknown	2022	16.58 Lower risk	
Actinopteri	Ovalentaria	Pseudochromidae	<i>Pseudochromis</i>	<i>Pseudochromis sarneyi</i>	Schooling dottyback	5	Djibouti; Eritrea; Socotra Arch.; Tanzania; Yemen	✓	✓ (very low)	Moderate	commercial	Least Concern	Unknown	2009	13.37 Lower risk	
Actinopteri	Ovalentaria	Pseudochromidae	<i>Pseudochromis</i>	<i>Pseudochromis springeri</i>	Blue-striped dottyback	1	Yemen	✓	✓ (low)	Moderate	commercial	Least Concern	Unknown	2019	10.53 Lower risk	

Non-CITES-listed marine ornamental fish species (n=2012), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Taxonomy					Range States			Evidence of species in international trade	Species imported in EU and/or US (% Imports)	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Extinction risk/vulnerability			
Class	Order	Family	Genus	Species	Common Name	No of native range States	List of native range States							Red List year of assessment	Vulnerability (FishBase) trend	Likelihood of threat from International	
Actinopteri	Ovalentaria	Pseudochromidae	Pseudochromis	<i>Pseudochromis steenei</i>	Cyrestin dotyback	2	Australia, Indonesia	✓	✓ (Very low)	Captive bred (not for retail)	rarely	Least Concern	not assessed	2022	22.27	Lower risk	
Actinopteri	Ovalentaria	Pseudochromidae	Pseudochromis	<i>Pseudochromis papuensis</i>	Blackmargin dotyback	15	Australia, Christmas I., Fiji, India, Indonesia, Japan, Micronesia, New Caledonia, Palau, Papua New Guinea, Philippines, Ryukyu Is., Solomon Is., Taiwan, Viet Nam	✓	✓ (Very low)	Captive bred (not for retail)	rarely	Least Concern	Unknown	2015	13.79	Lower risk	
Actinopteri	Esperancia	Labridae	Pseudocoris	<i>Pseudocoris aequalis</i>		6	Indonesia, Japan, Malaysia, Philippines, Ryukyu Is., Timor-Leste	✓	✓ (Very low)	No data	rarely	Data Deficient	Unknown	2009	24.31	Lower risk	
Actinopteri	Esperancia	Labridae	Pseudocoris	<i>Pseudocoris bleekeri</i>	Philippines wrasse	6	Indonesia, Japan, Malaysia, Philippines, Ryukyu Is., Timor-Leste	✓	✓ (Very low)	No data	rarely	Least Concern	Unknown	2009	24.31	Lower risk	
Actinopteri	Esperancia	Labridae	Pseudocoris	<i>Pseudocoris heteroptera</i>	Torpedo wrasse	15	Australia, Chagos Is., Christmas I., French Polynesia, Indonesia, Japan, Malaysia, Palau, Papua New Guinea, Philippines, Seychelles, Solomon Is., Taiwan, Timor-Leste, Viet Nam, Australia, Chagos Is., China, Christmas I., Guam, Indonesia, Japan, Kiribati, Korea, Marshall Is., Lord Howe I., Maldives, Marshall Is., Mauritius, Micronesia, New Caledonia, New Zealand, Ogasawara Is., Palau, Papua New Guinea, Philippines, Philippines, Samoa, Taiwan, Timor-Leste, Tonga	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2009	28.6	Lower risk	
Actinopteri	Esperancia	Labridae	Pseudocoris	<i>Pseudocoris yamashiroi</i>	Redspot wrasse	24	Ryukyu Is., Samoa, Taiwan, Timor-Leste, Tonga	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2009	24.61	Lower risk	
Actinopteri	Esperancia	Labridae	Pseudodax	<i>Pseudodax moluccanus</i>	Chiseltooth wrasse	40	Andaman Is., Australia, Chagos Is., Christmas I., Cocos Is. (Keel), Cook Is., Egypt, French Polynesia, Guam, India, Indonesia, Japan, Kiribati, Malaysia, Maldives, Marqassas Is., Marshall Is., Mauritius, Micronesia, Mozambique, North Marianas, Ogasawara Is., Palau, Papua New Guinea, Philippines, RÅUnion, Samoa, Seychelles, Socotra	✓	✓ (low)	None	commercial	Least Concern	Unknown	2009	34.51	Moderate risk	
Actinopteri	Esperancia	Labridae	Pseudogramma	<i>Pseudogramma gragoryi</i>	Piefl bass	39	USA	✓	No data	No data	commercial	Least Concern	Unknown	2012	11.68	Lower risk	
Actinopteri	Esperancia	Labridae	Pseudogramma	<i>Pseudogramma starra</i>	Polynesian wrasse	7	Cook Is., French Polynesia, Guam, Pitcairn, Tahiti, Tuamotu Is., Wake I.	✓	No data	commercial	Data Deficient	Unknown	2008	22.77	Lower risk		
Actinopteri	Esperancia	Labridae	Pseudogramma	<i>Pseudogramma cerasaria</i>	Smalltail wrasse	2	Hawaii, Johnston I.	✓	✓ (low)	None	commercial	Data Deficient	Unknown	2008	19.68	Lower risk	
Actinopteri	Esperancia	Labridae	Pseudogramma	<i>Pseudogramma elongata</i>	Long green wrasse	5	Australia, Lord Howe I., New Caledonia, New Zealand, Norfolk I.	✓	No data	commercial	Data Deficient	Unknown	2008	25.67	Lower risk		
Actinopteri	Esperancia	Labridae	Pseudogramma	<i>Pseudogramma erythros</i>	Redfins wrasse	2	Mauritius, Seychelles	✓	No data	commercial	Least Concern	Unknown	2008	11.67	Lower risk		
Actinopteri	Esperancia	Labridae	Pseudogramma	<i>Pseudogramma kalidos</i>	Kalidos wrasse	3	Indonesia, Maldives, Timor-Leste	✓	✓ (Very low)	None	rarely	Least Concern	Unknown	2009	17.67	Lower risk	
Actinopteri	Esperancia	Labridae	Pseudogramma	<i>Pseudogramma mesostigma</i>	Sidespot wrasse	8	Australia, Indonesia, Japan, Papua New Guinea, Philippines, Timor-Leste, Tonga, Vanuatu	✓	No data	Unspecified	Least Concern	Unknown	2008	14.62	Lower risk		
Actinopteri	Esperancia	Labridae	Pseudogramma	<i>Pseudogramma severnii</i>	Severn wrasse	7	Indonesia, Japan, Maldives, New Caledonia, Philippines, Ryukyu Is., Sri Lanka	✓	✓ (low)	None	rarely	Least Concern	Unknown	2008	20.53	Lower risk	
Actinopteri	Esperancia	Labridae	Pseudogramma	<i>Pseudogramma splendifera</i>	Splendid pencil wrasse	18	Ogasawara Is., Palau, Papua New Guinea, Philippines, Ryukyu Is., Samoa, Taiwan, Tonga	✓	✓ (Very low)	No data	rarely	not assessed	not assessed	not assessed	20	13	Lower risk
Actinopteri	Esperancia	Labridae	Pseudobius	<i>Pseudobius samalis</i>	Redband wrasse	1	Indonesia	✓	No data	rarely	Least Concern	Unknown	2008	31.82	Lower risk		
Actinopteri	Esperancia	Labridae	Pseudobius	<i>Pseudobius japonicus</i>	Redband wrasse	5	China, Hong Kong, Korea (South), Ogasawara Is., Taiwan	✓	No data	commercial	not assessed	not assessed	not assessed	2008	31.66	Lower risk	
Actinopteri	Tetraodontiformes	Monacanthidae	Pseudomonacanthus	<i>Pseudomonacanthus macrurus</i>	Strap-weed file-fish	8	Brunel Darlem, Cambodia, Indonesia, Malaysia, Papua New Guinea, Philippines, Singapore, Thailand	✓	No data	commercial	Least Concern	Unknown	2017	29.8	Lower risk		
Actinopteri	Ovalentaria	Pseudochromidae	Pseudoplepsiops	<i>Pseudoplepsiops rosae</i>	Rose Island basslet	19	Admiralty Is., American Samoa, Andaman Is., Australia, Fiji, Guam, Indonesia, Japan, Maldives, Marshall Is., Micronesia, New Caledonia, Palau, Papua New Guinea, Philippines, Ryukyu Is., Samoa, Taiwan, Tonga	✓	No data	rarely	Least Concern	Unknown	2015	10	Lower risk		
Actinopteri	Ovalentaria	Pseudochromidae	Pseudoplepsiops	<i>Pseudoplepsiops typus</i>	Hidden basslet	10	Australia, Guam, Indonesia, Malaysia, Marshall Is., Micronesia, Palau, Papua New Guinea, Philippines, Solomon Is., Anguilla, Antigua Barbuda, Aruba, Bahamas, Barbados, Belize, Bermuda, Brazil, Cayman Is., Colombia, Costa Rica, Cuba, Curaçao I., Dominica, Dominican Rp., French Guiana, Grenada, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Mexico, Montserrat, Nicaragua, Panama, Puerto Rico, St Kitts Nevis, St Lucia, St Vincent Gren., Suriname, Trinidad Tobago, Turks Caicos Is., USA, Venezuela, Virgin Is. (UK), Virgin Is. (US)	✓	✓ (low)	None	commercial	Least Concern	Unknown	2015	10.53	Lower risk	
Actinopteri	Mulliformes	Mullidae	Pseudopneus	<i>Pseudopneus maculatus</i>	Spotted goatfish	40	American Samoa, Australia, Egypt, Guam, Indonesia, Jordan, Madagascar, Marshall Is., Micronesia, New Caledonia, North Marianas, Palau, Papua New Guinea, Philippines, Samoa, Solomon Is., Sudan, Taiwan, Timor-Leste, Tonga, Viet Nam	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2009	16.55	Lower risk	
Actinopteri	Esperancia	Labridae	Pteragogus	<i>Pteragogus cryptus</i>	Cryptic wrasse	21	Viet Nam	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2009	24.31	Lower risk	
Actinopteri	Esperancia	Labridae	Pteragogus	<i>Pteragogus enneacanthus</i>	Cokerel wrasse	10	Australia, Guam, Hong Kong, Indonesia, Papua New Guinea, Philippines, Solomon Is., Taiwan, Timor-Leste, Tonga, Bahrain, China, Hong Kong, India, Indonesia, Japan, Kenya, Korea (South), Kuwait, Mozambique, New Caledonia, Oman, Papua New Guinea, Philippines, Qatar, Saudi Arabia, Seychelles, Socotra Arch., Somalia, South Africa, Taiwan, Tanzania, United Arab Em., Vanuatu, Yemen	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2009	28.6	Lower risk	
Actinopteri	Esperancia	Labridae	Pteragogus	<i>Pteragogus flagellifer</i>	Cocktail wrasse	25	Taiwan, Tanzania, United Arab Em., Vanuatu, Yemen	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2009	28.6	Lower risk	
Actinopteri	Esperancia	Labridae	Pteragogus	<i>Pteragogus partitus</i>	Shealey wrasse	7	Indonesia, Malaysia, Micronesia, Palau, Papua New Guinea, Philippines, Solomon Is.	✓	✓ (Very low)	No data	rarely	Least Concern	Unknown	2009	18.39	Lower risk	
Actinopteri	Gobiiformes	Anguillidae	Pterogobius	<i>Pterogobius laudens</i>	Rainbow cordfil fish	1	Indonesia	✓	✓ (high)	Common	commercial	Endangered	Decreasing	2007	10.08	High risk	
Actinopteri	Gobiiformes	Gobiidae	Ptereleotris	<i>Ptereleotris callara</i>	Blue goby	2	Mexico, USA	✓	No data	Unspecified	Least Concern	Unknown	2010	10	Lower risk		
Actinopteri	Gobiiformes	Gobiidae	Ptereleotris	<i>Ptereleotris evides</i>	Blackfin dartfish	1	American Samoa, Andaman Is., Australia, Cargados Carajos, Caroline I., Chagos Is., China, Christmas I., Cocos Is. (Keel), Comoros, Cook Is., Egypt, Fiji, French Polynesia, Guam, Hong Kong, India, Indonesia, Japan, Jordan, Kenya, Kiribati, Lord Howe I., Madagascar, Maldives, Marshall Is., Mauritius, Micronesia, Mozambique, New Caledonia, North Marianas, Ogasawara Is., Palau, Papua New Guinea, Philippines, Pitcairn, RÅUnion, Ryukyu Is., Samoa, Saudi Arabia, Seychelles, Singapore, Socotra Arch., Solomon Is., Somalia, South Africa, Taiwan, Tanzania, Thailand, Timor-Leste, Tonga, Vanuatu, Viet Nam, Yemen	✓	✓ (low)	None	commercial	Least Concern	Unknown	2015	10	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Ptereleotris	<i>Ptereleotris grammica</i>	Lined dartfish	11	Timor-Leste	✓	✓ (Very low)	None	commercial	Least Concern	Unknown	2015	10	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Ptereleotris	<i>Ptereleotris hanze</i>	Blue hana goby	21	Taiwan, Timor-Leste, Tonga	✓	✓ (Very low)	None	commercial	Least Concern	Unknown	2015	10	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Ptereleotris	<i>Ptereleotris hetaeae</i>	Hovoring goby	26	Gren., Trinidad Tobago, Turks Caicos Is., USA, Virgin Is. (UK), Virgin Is. (US)	✓	No data	Unspecified	Least Concern	Unknown	2011	10	Lower risk		
Actinopteri	Gobiiformes	Gobiidae	Ptereleotris	<i>Ptereleotris heteroptera</i>	Blacktail goby	41	American Samoa, Andaman Is., Australia, Caroline I., Chagos Is., Christmas I., Cocos Is. (Keel), Fiji, French Polynesia, Guam, Hong Kong, India, Indonesia, Japan, Kiribati, Korea (South), Lord Howe I., Maldives, Marqassas Is., Marshall Is., Mauritius, Micronesia, Mozambique, New Caledonia, North Marianas, Ogasawara Is., Oman, Palau, Papua New Guinea, Philippines, RÅUnion, Ryukyu Is., Samoa, Saudi Arabia, Seychelles, Solomon Is., South Africa, Tahiti, Taiwan, Timor-Leste, Tonga, Viet Nam	✓	✓ (low)	None	commercial	Least Concern	Unknown	2015	10	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Ptereleotris	<i>Ptereleotris microlepis</i>	Blue gudgeon	45	Tuamotu Is., United Arab Em., Vanuatu	✓	✓ (low)	No data	commercial	Least Concern	not assessed	2022	10	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Ptereleotris	<i>Ptereleotris monoptera</i>	Lyretail dart-goby	16	Ryukyu Is., Seychelles, Socotra Arch., Taiwan, Tuamotu Is., Vanuatu, Yemen	✓	No data	commercial	Least Concern	Unknown	2015	10	Lower risk		
Actinopteri	Gobiiformes	Gobiidae	Ptereleotris	<i>Ptereleotris randalli</i>	Brazilian dartfish	1	Brazil	✓	No data	commercial	Least Concern	Unknown	2011	10	Lower risk		
Actinopteri	Gobiiformes	Gobiidae	Ptereleotris	<i>Ptereleotris urdujaensis</i>	Flaxtail dartfish	6	Australia, Brunel Darlem, Indonesia, Papua New Guinea, Philippines, Solomon Is.	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2015	10	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Ptereleotris	<i>Ptereleotris zebra</i>	Chinese zebra goby	33	American Samoa, Australia, Caroline I., Chagos Is., Christmas I., Cocos Is. (Keel), Cook Is., French Polynesia, Guam, India, Indonesia, Japan, Kiribati, Lord Howe I., Maldives, Marqassas Is., Marshall Is., Mauritius, Micronesia, Mozambique, New Caledonia, North Marianas, Ogasawara Is., Palau, Papua New Guinea, Philippines, RÅUnion, Ryukyu Is., Samoa, Saudi Arabia, Seychelles, South Africa, Taiwan, Timor-Leste, Tonga, Vanuatu	✓	✓ (low)	None	commercial	Least Concern	Unknown	2015	10	Lower risk	
Actinopteri	Esperancia	Caesionidae	Pterocaesio	<i>Pterocaesio pisang</i>	Banana fusilier	37	Andaman Is., Australia, Bangladesh, Brunel Darlem, Cambodia, Chagos Is., China, Fiji, India, Indonesia, Japan, Kenya, Kiribati, Malaysia, Maldives, Mayotte, Micronesia, Mozambique, Myanmar, New Caledonia, Palau, Papua New Guinea, Philippines, Ryukyu Is., Seychelles, Singapore, Socotra Arch., Solomon Is., Somalia, South Africa, Sri Lanka, Tanzania, Thailand, Timor-Leste, Vanuatu, Viet Nam, Yemen	✓	✓ (Very low)	No data	rarely	Least Concern	Unknown	2015	13.63	Lower risk	
Actinopteri	Perciformes/Scorpaenidae	Scorpaenidae	Pterodictyus	<i>Pterodictyus ambianensis</i>	Ambon scorpionfish	12	Australia, China, Fiji, India, Indonesia, Japan, Micronesia, New Caledonia, Papua New Guinea, Philippines, Taiwan	✓	✓ (Very low)	None	rarely	Least Concern	Unknown	2015	27.89	Lower risk	
Actinopteri	Perciformes/Scorpaenidae	Scorpaenidae	Pterois	<i>Pterois antenata</i>	Broadbarred firefish	9	American Samoa, Andaman Is., Australia, Chagos Is., Christmas I., Cocos Is. (Keel), Cook Is., French Polynesia, Guam, Hawaii, Hong Kong, India, Indonesia, Japan, Kenya, Kermadec Is., Madagascar, Maldives, Marqassas Is., Marshall Is., Mauritius, Mayotte, Micronesia, Mozambique, New Zealand, Niue, North Marianas, Ogasawara Is., Oman, Palau, Papua New Guinea, Philippines, Pitcairn, RÅUnion, Samoa, Seychelles, Socotra Arch., South Africa, Sri Lanka, Taiwan, Tanzania, Timor-Leste, Tonga, Viet Nam, Wake I., Yemen	✓	✓ (low)	Rare	commercial	Least Concern	Unknown	2015	33.87	Lower risk	
Actinopteri	Perciformes/Scorpaenidae	Scorpaenidae	Pterois	<i>Pterois lunata</i>	Luna lion fish	9	Australia, Hong Kong, Japan, Korea (South), Mauritius, New Caledonia, Philippines, Taiwan, Viet Nam	✓	✓ (low)	None	public aquariums	Least Concern	Unknown	2009	46.59	Moderate risk	
Actinopteri	Perciformes/Scorpaenidae	Scorpaenidae	Pterois	<i>Pterois miles</i>	Devil firefish	29	Andaman Is., Bahrain, Cargados Carajos, Chagos Is., Comoros, Egypt, Indonesia, Jordan, Kenya, Kuwait, Madagascar, Maldives, Mauritius, Mayotte, Mozambique, Myanmar, Oman, Qatar, RÅUnion, Rodrigues, Saudi Arabia, Seychelles, Socotra Arch., Somalia, South Africa, Sri Lanka, Tanzania, United Arab Em., Yemen	✓	✓ (low)	Rare	commercial	Least Concern	Unknown	2017	58.74	Lower risk	
Actinopteri	Perciformes/Scorpaenidae	Scorpaenidae	Pterois	<i>Pterois paucispinata</i>	Devil firefish	8	Australia, India, Japan, Philippines, Ryukyu Is., Solomon Is., Taiwan, Wake I., Vanuatu	✓	No data	rarely	Least Concern	Unknown	2015	36.06	Lower risk		
Actinopteri	Perciformes/Scorpaenidae	Scorpaenidae	Pterois	<i>Pterois radiata</i>	Radial firefish	40	Admiralty Is., American Samoa, Andaman Is., Australia, Christmas I., Cook Is., French Polynesia, Guam, India, Indonesia, Japan, Kenya, Kiribati, Maldives, Marqassas Is., Marshall Is., Mauritius, Mayotte, Micronesia, Mozambique, New Caledonia, North Marianas, Ogasawara Is., Oman, Palau, Papua New Guinea, Philippines, Ryukyu Is., Samoa, Seychelles, Socotra Arch., Somalia, South Africa, Sri Lanka, Tahiti, Taiwan, Tanzania, Tonga, Tuamotu Is., Viet Nam	✓	✓ (low)	Rare	commercial	Least Concern	Unknown	2015	36.21	Lower risk	

Non-CITES-listed marine ornamental fish species (n=2105), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Taxonomy					Range States		Evidence of species in International trade				Extinction risk/vulnerability						
Class	Order	Family	Genus	Species	Common Name	No of native range States	List of native range States	Evidence of species in International trade	Species imported in EU and/or US (No Imports)	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Red List year of assessment	Vulnerability (FishBase)	Likelihood of threat from International Trade	
Actinopteri	Perciformes/Scorpaenoidi	Scorpaenidae	<i>Pterois</i>	<i>Pterois russelli</i>	Plaintail turkeyfish	1	Andaman Is.; Australia; Bahrain; Bangladesh; Brunei Darussalam; China; Hong Kong; India; Indonesia; Iran; Iraq; Japan; Kenya; Kuwait; Madagascar; Malaysia; Mauritius; Micronesia; Mozambique; Myanmar; Oman; Pakistan; Papua New Guinea; Philippines; Qatar; Saudi Arabia; Seychelles; Singapore; Solomon Is.; Somalia; South Africa; Sri Lanka; Taiwan; Tanzania; Thailand; United Arab Em.; Viet Nam; Yemen	✓		None	public aquariums	Least Concern	Unknown	2015	52.85	Lower risk	
Actinopteri	Perciformes/Scorpaenoidi	Scorpaenidae	<i>Pterois</i>	<i>Pterois sphenus</i>	Hawaiian turkeyfish	1	Hawaii	✓		No data	commercial	Least Concern	Unknown	2015	35.28	Lower risk	
Actinopteri	Perciformes/Scorpaenoidi	Scorpaenidae	<i>Pterois</i>	<i>Pterois voltans</i>	Red lionfish	40	American Samoa; Andaman Is.; Australia; Cambodia; China; Christmas I.; Cocos Is. (Keel); Cook Is.; Fiji; French Polynesia; Guam; Hawaii; India; Indonesia; Japan; Kermadec Is.; Korea (North); Korea (South); Lord Howe I.; Malaysia; Marquesas Is.; Marshall Is.; Micronesia; New Caledonia; New Zealand; Norfolk I.; North Marianas; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Pitcairn; Ryukyu Is.; Samoa; Taiwan; Thailand; Timor-Leste; Tonga; Vanuatu; Viet Nam	✓	✓ (low)	Rare	commercial	Least Concern	Increasing	2015	34.43	Lower risk	
Actinopteri	Acanthuriformes	Pomacanthidae	<i>Pygoplites</i>	<i>Pygoplites diacanthus</i>	Regal angelfish	47	Thailand; Timor-Leste; Tonga; Tuamotu Is.; Vanuatu; Viet Nam	✓	✓ (low)	Rare	commercial	Least Concern	Stable	2009	46.15	Moderate risk	
Actinopteri	Carangiformes	Rachycentridae	<i>Rachycentron</i>	<i>Rachycentron canadum</i>	Cobia	87	Em.; Uruguay; USA; Venezuela; Viet Nam; Virgin Is. (US); Yemen	✓		No data	rarely	Least Concern	Unknown	2012	43.68	Lower risk	
Actinopteri	Tetraodontiformes	Balistidae	<i>Rhinecanthus</i>	<i>Rhinecanthus aculeatus</i>	White banded triggerfish	48	Tanzania; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Vanuatu; Viet Nam; Wake I.; Wallis Futuna	✓	✓ (low)	None	commercial	Least Concern	not assessed	2022	29.81	Lower risk	
Actinopteri	Tetraodontiformes	Balistidae	<i>Rhinecanthus</i>	<i>Rhinecanthus assasi</i>	Picasso triggerfish	11	Bahrain; Egypt; Jordan; Kuwait; Oman; Qatar; Saudi Arabia; Socotra Arch.; Somalia; United Arab Em.; Yemen	✓	✓ (Very low)	No data	rarely	Least Concern	not assessed	2022	29.77	Lower risk	
Actinopteri	Tetraodontiformes	Balistidae	<i>Rhinecanthus</i>	<i>Rhinecanthus lunula</i>	Halfmoon picasso fish	7	Australia; Cook Is.; Fiji; French Polynesia; New Caledonia; Pitcairn; Tonga	✓	✓ (Very low)	No data	rarely	Least Concern	not assessed	2022	28.45	Lower risk	
Actinopteri	Tetraodontiformes	Balistidae	<i>Rhinecanthus</i>	<i>Rhinecanthus rectangulus</i>	Wedge-tail triggerfish	47	American Samoa; Andaman Is.; Australia; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Cook Is.; Egypt; Fiji; French Polynesia; Guam; Hawaii; India; Indonesia; Japan; Kenya; Kermadec Is.; Lord Howe I.; Madagascar; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; New Zealand; Niue; Norfolk I.; North Marianas; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Pitcairn; R��union; Samoa; Senegal; Seychelles; South Africa; Sri Lanka; Taiwan; Timor-Leste; Tonga; Vanuatu; Viet Nam	✓	✓ (low)	None	commercial	Least Concern	not assessed	2022	29.77	Lower risk	
Actinopteri	Tetraodontiformes	Balistidae	<i>Rhinecanthus</i>	<i>Rhinecanthus verrucosus</i>	Blackbelly triggerfish	21	Leste; Vanuatu	✓	✓ (low)	None	commercial	Least Concern	not assessed	2022	25.04	Lower risk	
Actinopteri	Anquilliformes	Muraenidae	<i>Rhinomuraena</i>	<i>Rhinomuraena quaestus</i>	Ribbon moray	30	Tuamotu Is.; Viet Nam	✓	✓ (low)	None	commercial	Least Concern	Unknown	2009	73.46	Moderate risk	
Actinopteri	Perciformes/Scorpaenoidi	Scorpaenidae	<i>Rhinopias</i>	<i>Rhinopias aphanes</i>	Lacy scorpionfish	4	Australia; Indonesia; New Caledonia; Papua New Guinea	✓		No data	Unspecified	Least Concern	Unknown	2015	36.28	Lower risk	
Actinopteri	Perciformes/Scorpaenoidi	Scorpaenidae	<i>Rhinopias</i>	<i>Rhinopias frondosa</i>	Weedy scorpionfish	15	R��union; Seychelles; South Africa; Taiwan; Timor-Leste	✓	✓ (Very low)	Rare	commercial	Least Concern	Unknown	2015	35.73	Lower risk	
Elasmobranchi	Myliobatiformes	Rhinopteridae	<i>Rhinoptera</i>	<i>Rhinoptera neglecta</i>	Australian cowhide ray	1	Australia	✓		No data	rarely	Data Deficient	Unknown	2015	66.65	Higher risk	
Elasmobranchi	Myliobatiformes	Rhinopteridae	<i>Rhinoptera</i>	<i>Rhinoptera chimaera</i>	Pacific cowhide ray	6	Costa Rica; Ecuador; Galapagos Is.; Mexico; Nicaragua; Peru	✓		No data	public aquariums	Near Threatened	Decreasing	2019	65.25		
Actinopteri	Tetraodontiformes	Dactyloidae	<i>Rhynchostracion</i>	<i>Rhynchostracion nasus</i>	Shortnose boxfish	12	Thailand	✓	✓ (low)	None	rarely	not assessed	not assessed	not assessed		16	Lower risk
Actinopteri	Acanthuriformes	Chaetodontidae	<i>Roa</i>	<i>Roa exocelis</i>	Hawaiian gold-barred butterflyfish	2	Guam; Hawaii	✓		No data	commercial	Least Concern	Stable	2009	12.01	-	
Actinopteri	Acanthuriformes	Chaetodontidae	<i>Roa</i>	<i>Roa jayakari</i>	Indian golden-barred butterflyfish	4	India; Jordan; Oman; Somalia	✓		No data	commercial	Least Concern	Stable	2009	12.47	-	
Actinopteri	Acanthuriformes	Chaetodontidae	<i>Roa</i>	<i>Roa modesta</i>	Brown-banded butterflyfish	10	China; Hong Kong; Indonesia; Japan; Korea (South); Ogasawara Is.; Philippines; Ryukyu Is.; Taiwan; Viet Nam	✓		No data	commercial	not assessed	not assessed	not assessed		13.37	Lower risk
Actinopteri	Perciformes/Serranoidi	Serranidae	<i>Rypticus</i>	<i>Rypticus bicolor</i>	Mottled soapfish	4	Ecuador; Galapagos Is.; Mexico; Peru	✓		No data	rarely	Least Concern	Unknown	2008	30.82	Moderate risk	
Actinopteri	Perciformes/Serranoidi	Serranidae	<i>Rypticus</i>	<i>Rypticus maculatus</i>	White-spotted soapfish	2	Mexico; USA	✓		No data	Unspecified	Least Concern	Unknown	2012	24.79	Lower risk	
Actinopteri	Perciformes/Serranoidi	Serranidae	<i>Rypticus</i>	<i>Rypticus nigripinnis</i>	Blackfin soapfish	11	Peru	✓		No data	potential	Least Concern	Unknown	2008	24.97	-	
Actinopteri	Perciformes/Serranoidi	Serranidae	<i>Rypticus</i>	<i>Rypticus saponaceus</i>	Greater soapfish	62	Is. (UK); Virgin Is. (US)	✓		No data	commercial	Least Concern	Unknown	2012	34.24	Lower risk	
Actinopteri	Perciformes/Serranoidi	Serranidae	<i>Rypticus</i>	<i>Rypticus subfrenatus</i>	Scotted soapfish	48	Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (Very low)	None	Unspecified	Least Concern	Unknown	2012	23.86	Lower risk	
Actinopteri	Blenniiformes	Salariidae	<i>Salarias</i>	<i>Salarias alboguttatus</i>	White-spotted blenny	10	Andaman Is.; Australia; Fiji; Japan; New Caledonia; Palau; Papua New Guinea; Philippines; Samoa; Sri Lanka	✓		No data	rarely	Least Concern	Stable	2009	16.55	Lower risk	
Actinopteri	Blenniiformes	Salariidae	<i>Salarias</i>	<i>Salarias ceramensis</i>	Seram blenny	6	Australia; Indonesia; Malaysia; Papua New Guinea; Philippines; Solomon Is.	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2009	25.07	Lower risk	
Actinopteri	Blenniiformes	Blenniidae	<i>Salarias</i>	<i>Salarias fasciatus</i>	Jewelled blenny	33	Tonga; Viet Nam	✓	✓ (moderate)	Rare	commercial	Least Concern	Stable	2009	24.31	Lower risk	
Actinopteri	Blenniiformes	Blenniidae	<i>Salarias</i>	<i>Salarias guttatus</i>	Breast-spot blenny	15	Guinea; Philippines; Samoa; Solomon Is.; Thailand; Timor-Leste; Viet Nam	✓	✓ (low)	No data	commercial	Least Concern	Stable	2009	19.5	Lower risk	
Actinopteri	Blenniiformes	Blenniidae	<i>Salarias</i>	<i>Salarias ramosus</i>	Starry blenny	4	Australia; Indonesia; Malaysia; Philippines	✓	✓ (moderate)	None	rarely	Least Concern	Stable	2009	24.31	Lower risk	
Actinopteri	Blenniiformes	Blenniidae	<i>Salarias</i>	<i>Salarias segmentatus</i>	Segmented blenny	9	Indonesia; Malaysia; Micronesia; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Solomon Is.	✓	✓ (low)	None	rarely	Least Concern	Stable	2009	21.46	Lower risk	
Actinopteri	Holocentiformes	Holocentridae	<i>Sargocentron</i>	<i>Sargocentron caudimaculatum</i>	Silverspot snarefish	55	Viet Nam; Wake I.	✓		No data	commercial	Least Concern	Unknown	2015	19.54	Lower risk	
Actinopteri	Holocentiformes	Holocentridae	<i>Sargocentron</i>	<i>Sargocentron cornutum</i>	Threespot snarefish	14	Taiwan; Thailand; Timor-Leste; Viet Nam	✓		No data	Unspecified	Least Concern	Unknown	2015	21.47	Lower risk	
Actinopteri	Holocentiformes	Holocentridae	<i>Sargocentron</i>	<i>Sargocentron diadema</i>	Crown snarefish	58	Lanka; Tahiti; Taiwan; Tanzania; Timor-Leste; Tonga; Tuamotu Is.; Vanuatu; Viet Nam; Yemen	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2015	10	Lower risk	
Actinopteri	Holocentiformes	Holocentridae	<i>Sargocentron</i>	<i>Sargocentron hastatum</i>	Red snarefish	22	Togo	✓		No data	rarely	Least Concern	Unknown	2013	22	-	
Actinopteri	Holocentiformes	Holocentridae	<i>Sargocentron</i>	<i>Sargocentron itodai</i>	Samurai snarefish	25	Is.; Seychelles; Solomon Is.; South Africa; Taiwan; Tonga	✓		No data	Unspecified	Least Concern	Unknown	2015	15.01	Lower risk	

Non-CITES-listed marine ornamental fish species (n=2105), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by Fishbase. Information on the data sources are provided in the

Class	Order	Taxonomy					No of native range States	Range States List of native range States	Evidence of species in International trade	Species imported in EU and/or US (% Imports)	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Extinction risk/vulnerability			Likelihood of threat from International trade
		Family	Genus	Species	Common Name	Vulnerability (Fishbase)									Red List year of assessment	Vulnerability (Fishbase)		
Actinopteri	Holocentriformes	Holocentridae	Sargocentron	<i>Sargocentron microstoma</i>	Smallmouth squirrelfish	43	American Samoa; Australia; Caroline I.; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Cook Is.; Fiji; French Polynesia; Guam; Hawaii; India; Indonesia; Japan; Johnston I.; Kiribati; Malaysia; Maldives; Marquesas Is.; Marshall Is.; Micronesia; New Caledonia; Niue; North Marianas; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Seychelles; Solomon Is.; South Africa; Tahiti; Taiwan; Timor-Leste; Tokelau; Tonga; Tuamotu Is.; Vanuatu; Viet Nam; Wake I.	✓	✓ (Very low)	No data	public aquariums	Least Concern	Unknown	2015	13.87	Lower risk		
Actinopteri	Holocentriformes	Holocentridae	Sargocentron	<i>Sargocentron praslin</i>	Dark-striped squirrelfish	33	American Samoa; Andaman Is.; Australia; Christmas I.; Comoros; Fiji; French Polynesia; Guam; India; Indonesia; Japan; Kenya; Madagascar; Marshall Is.; Mauritius; Mayotte; Micronesia; Mozambique; Myanmar; New Caledonia; North Marianas; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Seychelles; Solomon Is.; Somalia; Taiwan; Vanuatu; Viet Nam; Wake I.	✓	No data	rarely	Least Concern	Unknown	2015	24.07	Lower risk			
Actinopteri	Holocentriformes	Holocentridae	Sargocentron	<i>Sargocentron punctatissimum</i>	Speckled squirrelfish	56	American Samoa; Andaman Is.; Australia; Cambodia; China; Djibouti; Egypt; Eritrea; Fiji; Hong Kong; India; Indonesia; Iran; Japan; Jordan; Kenya; Lord Howe I.; Malaysia; Mayotte; Mozambique; New Caledonia; Oman; Papua New Guinea; Philippines; Saudi Arabia; Singapore; Somalia; Sri Lanka; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Vanuatu; Viet Nam; Yemen	✓	No data	commercial	Least Concern	Unknown	2015	17.28	Lower risk			
Actinopteri	Holocentriformes	Holocentridae	Sargocentron	<i>Sargocentron rubrum</i>	Redoat	35	Cargados Carajoes; Chagos Is.; Comoros; Madagascar; Mauritius; Oman; Réunion; Seychelles; Socotra Arch.; Viet Nam; Yemen	✓	No data	public aquariums	Least Concern	Stable	2015	16.59	Lower risk			
Actinopteri	Holocentriformes	Holocentridae	Sargocentron	<i>Sargocentron seychellense</i>	Yellow-tipped squirrelfish	10	Yemen	✓	No data	rarely	not assessed	not assessed	not assessed	21.47	Lower risk			
Actinopteri	Holocentriformes	Holocentridae	Sargocentron	<i>Sargocentron spiniferum</i>	Sabre squirrelfish	58	American Samoa; Andaman Is.; Australia; Cargados Carajoes; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Comoros; Cook Is.; Djibouti; Egypt; Fiji; French Polynesia; Guam; Hawaii; India; Indonesia; Japan; Johnston I.; Kiribati; Madagascar; Malaysia; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Mayotte; Micronesia; Mozambique; New Caledonia; North Marianas; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Pitcairn; Réunion; Rodriguez; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Solomon Is.; Somalia; South Africa; Sri Lanka; Tahiti; Taiwan; Tanzania; Tuamotu Is.; Vanuatu; Viet Nam; Wake I.; Wallis Futuna	✓	✓ (Very low)	None	public aquariums	Least Concern	Unknown	2015	39.99	Lower risk		
Actinopteri	Holocentriformes	Holocentridae	Sargocentron	<i>Sargocentron line</i>	Blue lined squirrelfish	41	American Samoa; Australia; Caroline I.; Cocos Is. (Keel); Cook Is.; Fiji; French Polynesia; Guam; Hawaii; Indonesia; Japan; Johnston I.; Kiribati; Madagascar; Malaysia; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; Niue; North Marianas; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Pitcairn; Réunion; Ryukyu Is.; Samoa; Seychelles; Solomon Is.; South Africa; Tahiti; Taiwan; Tonga; Tuamotu Is.; Viet Nam; Wake I.	✓	No data	Unspecified	Least Concern	Unknown	2015	24.52	Lower risk			
Actinopteri	Holocentriformes	Holocentridae	Sargocentron	<i>Sargocentron venillarium</i>	Dusky squirrelfish	27	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Bermuda; Cuba; Curaçao I.; Dominica; Dominican Rp; Grenada; Guadeloupe; Haiti; Jamaica; Martinique; Mexico; Montserrat; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Trinidad Tobago; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	No data	rarely	Least Concern	Unknown	2013	13.79	Lower risk			
Actinopteri	Holocentriformes	Holocentridae	Sargocentron	<i>Sargocentron violaceum</i>	Violet squirrelfish	29	American Samoa; Australia; Caroline I.; Chagos Is.; China; Fiji; French Polynesia; India; Indonesia; Japan; Kenya; Kiribati; Malaysia; Maldives; Micronesia; New Caledonia; Niue; North Marianas; Palau; Papua New Guinea;	✓	No data	Unspecified	Least Concern	Unknown	2015	29.57	Lower risk			
Actinopteri	Holocentriformes	Holocentridae	Sargocentron	<i>Sargocentron xanthuriform</i>	Hawaiian squirrelfish	2	Hawaii; Johnston I.	✓	No data	commercial	Least Concern	Unknown	2015	12.93	Lower risk			
Actinopteri	Blenniiformes	Blenniidae	Scartella	<i>Scartella cristata</i>	Molly miller	10	Albania; Algeria; Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Bermuda; Brazil; Canary Is.; Cayman Is.; Colombia; Cuba; Curaçao I.; Dominica; Dominican Rp; France; Greece; Grenada; Guadeloupe; Haiti; Honduras; Italy; Jamaica; Japan; Malta; Martinique; Mauritania; Mexico; Montserrat; Morocco; Puerto Rico; Sao Tome Prnc.; Senegal; South Africa; Spain; St Kitts Nevis; St Lucia; St Vincent Gren.; Taiwan; Togo; Trinidad Tobago;	✓	✓ (low)	Common	commercial	Least Concern	Stable	2007	22.52	Lower risk		
Actinopteri	Blenniiformes	Blenniidae	Scartella	<i>Scartella emarginata</i>	Maned blenny	10	Angola; India; Kenya; Mozambique; Namibia; Oman; Pakistan; Somalia; South Africa; Tanzania	✓	No data	commercial	Least Concern	Stable	2009	23.74	Lower risk			
Actinopteri	Esperacaria	Scaridae	Scarus	<i>Scarus coelestinus</i>	Midnight parrotfish	38	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Bermuda; Brazil; Cayman Is.; Colombia; Costa Rica; Cuba; Curaçao I.; Dominica; Dominican Rp; French Guiana; Grenada; Guadeloupe; Guatemala; Guyana; Haiti; Honduras; Jamaica; Martinique; Mexico; Montserrat; Nicaragua; Panama; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Suriname; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	No data	commercial	Data Deficient	Unknown	2009	37.69	Moderate risk			
Actinopteri	Esperacaria	Scaridae	Scarus	<i>Scarus coruleus</i>	Blue parrotfish	39	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Bermuda; Brazil; Cayman Is.; Colombia; Costa Rica; Cuba; Curaçao I.; Dominica; Dominican Rp; French Guiana; Grenada; Guadeloupe; Guatemala; Guyana; Haiti; Honduras; Jamaica; Martinique; Mexico; Montserrat; Nicaragua; Panama; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Suriname; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	No data	commercial	Least Concern	Unknown	2009	41.74	Moderate risk			
Actinopteri	Esperacaria	Scaridae	Scarus	<i>Scarus dimidiatus</i>	Yellowbarred parrotfish	23	American Samoa; Australia; China; Guam; Indonesia; Japan; Malaysia; Marshall Is.; Micronesia; New Caledonia; North Marianas; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Solomon Is.; Taiwan; Timor-Leste;	✓	No data	commercial	Least Concern	Unknown	2009	26.45	Lower risk			
Actinopteri	Esperacaria	Scaridae	Scarus	<i>Scarus dabus</i>	Regal parrot	1	Tonga; Vanuatu; Viet Nam; Wake I.	✓	No data	commercial	Least Concern	Unknown	2009	31.86	-			
Actinopteri	Esperacaria	Scaridae	Scarus	<i>Scarus flavipectoralis</i>	Yellowfin parrotfish	13	Australia; Indonesia; Marshall Is.; Micronesia; New Caledonia; Niue; Palau; Papua New Guinea; Philippines; Solomon Is.; Timor-Leste; Viet Nam	✓	No data	commercial	Least Concern	Unknown	2009	26.45	Lower risk			
Actinopteri	Esperacaria	Scaridae	Scarus	<i>Scarus forsteri</i>	Forster's parrotfish	28	American Samoa; Australia; Christmas I.; Cocos Is. (Keel); Cook Is.; French Polynesia; Guam; Hong Kong; Indonesia; Japan; Marshall Is.; Micronesia; New Caledonia; Niue; North Marianas; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Pitcairn; Ryukyu Is.; Solomon Is.; Tahiti; Taiwan; Timor-Leste; Tonga; Viet Nam; Wake I.	✓	No data	Unspecified	Least Concern	Unknown	2009	23.49	Lower risk			
Actinopteri	Esperacaria	Scaridae	Scarus	<i>Scarus frenatus</i>	Bridled parrotfish	44	American Samoa; Andaman Is.; Australia; Bahrain; Cambodia; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Cook Is.; Costa Rica; Djibouti; Ecuador; El Salvador; French Polynesia; Galapagos Is.; Guam; Guatemala; Honduras; Hong Kong; India; Indonesia; Iran; Iraq; Israel; Japan; Jordan; Kiribati; Kuwait; Lord Howe I.; Malaysia; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Mexico; Micronesia; Mozambique; New Caledonia; Nicaragua; Niue; North Marianas; Ogasawara Is.; Oman; Palau; Panama; Papua New Guinea; Philippines; Pitcairn; Qatar; Réunion; Samoa; Saudi Arabia; Seychelles; Socotra Arch.; Solomon Is.; Somalia; South Africa; Sri Lanka; Tahiti; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; United Arab Em.; Viet Nam; Wallis Futuna; Yemen	✓	No data	commercial	Least Concern	Unknown	2009	23.6	Lower risk			
Actinopteri	Esperacaria	Scaridae	Scarus	<i>Scarus ghobban</i>	Blue-barred parrotfish	69	Tanzania	✓	No data	commercial	Least Concern	Unknown	2009	36.1	Moderate risk			
Actinopteri	Esperacaria	Scaridae	Scarus	<i>Scarus globeops</i>	Globehead parrotfish	37	American Samoa; Andaman Is.; Australia; Caroline I.; China; Cocos Is. (Keel); Cook Is.; Djibouti; Fiji; French Polynesia; Guam; India; Indonesia; Japan; Kiribati; Lord Howe I.; Malaysia; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Réunion; Ryukyu Is.; Samoa; Seychelles; South Africa; Tahiti; Taiwan; Timor-Leste; Tonga; Viet Nam; Wallis Futuna	✓	No data	commercial	Least Concern	Unknown	2009	28.68	-			
Actinopteri	Esperacaria	Scaridae	Scarus	<i>Scarus guacamaia</i>	Rainbow parrotfish	41	Anguilla; Antigua Barbuda; Argentina; Aruba; Bahamas; Barbados; Belize; Bermuda; Brazil; Cayman Is.; Colombia; Costa Rica; Cuba; Curaçao I.; Dominica; Dominican Rp; French Guiana; Grenada; Guadeloupe; Guatemala; Guyana; Haiti; Honduras; Jamaica; Martinique; Mexico; Montserrat; North Antilles; Nicaragua; Panama; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Suriname; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	No data	commercial	Near Threatened	Decreasing	2012	42.46	Moderate risk			
Actinopteri	Esperacaria	Scaridae	Scarus	<i>Scarus hypolephurus</i>	Yellow-tail parrotfish	12	Brunei Daruss.; Indonesia; Japan; Malaysia; Micronesia; Palau; Philippines; Ryukyu Is.; Taiwan; Thailand; Vanuatu;	✓	No data	commercial	Near Threatened	Unknown	2009	23.1	-			
Actinopteri	Esperacaria	Scaridae	Scarus	<i>Scarus iseri</i>	Striped parrotfish	35	Anguilla; Antigua Barbuda; Argentina; Aruba; Bahamas; Barbados; Belize; Bermuda; Cayman Is.; Colombia; Costa Rica; Cuba; Curaçao I.; Dominica; Dominican Rp; French Guiana; Grenada; Guadeloupe; Guyana; Haiti; Jamaica; Martinique; Mexico; Montserrat; Panama; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Suriname; Trinidad Tobago;	✓	No data	commercial	Least Concern	Unknown	2009	17.19	-			
Actinopteri	Esperacaria	Scaridae	Scarus	<i>Scarus niger</i>	Dusky parrotfish	45	American Samoa; Andaman Is.; Australia; Christmas I.; Cocos Is. (Keel); Egypt; French Polynesia; Guam; Hong Kong; India; Indonesia; Israel; Japan; Jordan; Lord Howe I.; Maldives; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Seychelles; Socotra Arch.; Somalia; South Africa; Sudan; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Vanuatu; Viet Nam; Wallis Futuna; Yemen	✓	No data	commercial	Least Concern	Unknown	2009	19.91	Lower risk			
Actinopteri	Esperacaria	Scaridae	Scarus	<i>Scarus oviceps</i>	Dark capped parrotfish	31	American Samoa; Australia; Caroline I.; China; Christmas I.; Cocos Is. (Keel); French Polynesia; Guam; Indonesia; Japan; Kiribati; Malaysia; Marshall Is.; Mauritius; Micronesia; New Caledonia; Niue; North Marianas; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Tahiti; Taiwan; Thailand; Timor-Leste; Tuamotu Is.; Viet Nam; Wake I.	✓	No data	commercial	Least Concern	Unknown	2009	24.71	-			
Actinopteri	Esperacaria	Scaridae	Scarus	<i>Scarus perco</i>	Bumphead parrotfish	11	Colombia; Costa Rica; Ecuador; El Salvador; Galapagos Is.; Guatemala; Honduras; Mexico; Nicaragua; Panama;	✓	No data	commercial	Least Concern	Stable	2007	37.64	-			
Actinopteri	Esperacaria	Scaridae	Scarus	<i>Scarus prasinoglyphus</i>	Singapore parrotfish	26	Andaman Is.; Australia; Cambodia; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); French Polynesia; India; Indonesia; Japan; Malaysia; Maldives; Micronesia; Niue; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Seychelles; Tahiti; Taiwan; Thailand; Timor-Leste; Tuamotu Is.; Viet Nam	✓	No data	commercial	Least Concern	Stable	2009	36.53	-			

Non-CITES-listed marine ornamental fish species (n=2105), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Class	Order	Taxonomy				Common Name	Range States		Evidence of species in international trade	Species imported in EU and/or UK (% imports)	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Red List year of assessment	Extinction risk/vulnerability		
		Family	Genus	Species	Common Name		No of native range States	List of native range States								Vulnerability (FishBase)	Likelihood of threat from international trade	
Actinopteri	Esperacaria	Scaridae	Scarus	Scarus pinnatus	Common parrotfish	1	American Samoa, Andaman Is., Australia, Bahrain, Chagos Is., China, Christmas I., Cocos Is. (Keel), Cook Is., Egypt, French Polynesia, Guam, Hawaii, India, Indonesia, Japan, Jordan, Kenya, Kuwait, Lord Howe I., Maldives, Marquesas Is., Marshall Is., Mauritius, Mozambique, Mozambique, New Caledonia, North Marianas, Oman, Palau, Papua New Guinea, Philippines, Qatar, R&Dunoon, Samoa, Saudi Arabia, Seychelles, Socotra Arch., Somalia, South Africa, Tahiti, Taiwan, Tanzania, Tanzania, Timor-Leste, Tonga, Tuamotu Is., United Arab Em., Viet Nam, Yemen	✓	✓ (low)	None	commercial	Least Concern	Unknown	2009	16.13	Lower risk		
Actinopteri	Esperacaria	Scaridae	Scarus	Scarus quoyi	Quoy's parrotfish	1	Australia, Cambodia, India, Indonesia, Japan, Malaysia, Maldives, Micronesia, New Caledonia, Palau, Papua New Guinea, Philippines, Ryukyu Is., Timor-Leste, Vanuatu, Viet Nam	✓	✓ (low)	None	Unspecified	Least Concern	Unknown	2009	26.45	Lower risk		
Actinopteri	Esperacaria	Scaridae	Scarus	Scarus rubriviolaceus	Ember parrotfish	55	American Samoa, Andaman Is., Australia, Chagos Is., China, Christmas I., Cocos I. (C.R.), Cocos Is. (Keel), Colombia, Costa Rica, Ecuador, Fiji, French Polynesia, Galapagos Is., Guam, Hawaii, Hong Kong, India, Indonesia, Japan, Malaysia, Maldives, Marquesas Is., Marshall Is., Mauritius, Mexico, Micronesia, Mozambique, Mozambique, New Caledonia, Oman, Palau, Papua New Guinea, Philippines, Qatar, R&Dunoon, Samoa, Saudi Arabia, Seychelles, Socotra Arch., Somalia, South Africa, Tahiti, Taiwan, Tanzania, Thailand, Timor-Leste, Tonga, Tuamotu Is., Viet Nam, Wallis Futuna, Yemen	✓	✓	None	commercial	Least Concern	Unknown	2009	29.54	Lower risk		
Actinopteri	Esperacaria	Scaridae	Scarus	Scarus schlegelii	Yellowband parrotfish	30	American Samoa, Australia, Christmas I., Cocos Is. (Keel), Cook Is., Fiji, French Polynesia, Guam, Indonesia, Japan, Lord Howe I., Malaysia, Marshall Is., Micronesia, New Caledonia, Niue, North Marianas, Ogasawara Is., Palau, Papua New Guinea, Philippines, Pitcairn, Ryukyu Is., Samoa, Taiwan, Timor-Leste, Tonga, Tuamotu Is., Vanuatu, Viet Nam	✓	✓	None	commercial	Least Concern	Unknown	2009	30.75	Moderate risk		
Actinopteri	Esperacaria	Scaridae	Scarus	Scarus spinus	Greensnout parrotfish	20	Australia, Christmas I., Fiji, Indonesia, Japan, Malaysia, Marshall Is., Micronesia, New Caledonia, Ogasawara Is., Palau, Papua New Guinea, Philippines, Ryukyu Is., Samoa, Taiwan, Timor-Leste, Tonga, US Minor Is., Viet Nam	✓	✓	None	Unspecified	Least Concern	Unknown	2009	22.64	Lower risk		
Actinopteri	Esperacaria	Scaridae	Scarus	Scarus taeniops	Princess parrotfish	40	Anguilla, Antigua Barbuda, Aruba, Bahamas, Barbados, Belize, Bermuda, Brazil, Cayman Is., Colombia, Costa Rica, Cuba, Curaçao, I., Dominica, Dominican Rp, French Guiana, Grenada, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Mexico, Montserrat, Neeth Antilles, Nicaragua, Panama, Puerto Rico, St Kitts Nevis, St Lucia, St Vincent Gren., Suriname, Trinidad Tobago, Turks Caicos Is., USA, Venezuela, Virgin Is. (UK), Virgin Is. (US)	✓	✓ (Very low)	None	commercial	Least Concern	Unknown	2009	24.71	Lower risk		
Actinopteri	Esperacaria	Scaridae	Scarus	Scarus triocour	Tricour parrotfish	26	American Samoa, Australia, Chagos Is., French Polynesia, India, Indonesia, Japan, Kenya, Kiribati, Madagascar, Malaysia, Maldives, Mauritius, Mozambique, North Marianas, Palau, Papua New Guinea, Philippines, Samoa, Seychelles, South Africa, Tanzania, Timor-Leste, Tonga, Viet Nam	✓	✓	None	commercial	Least Concern	Unknown	2009	24.91	Lower risk		
Actinopteri	Esperacaria	Scaridae	Scarus	Scarus vetula	Queen parrotfish	36	Andaman Is., Australia, Bahrain, Bangladesh, Cambodia, China, Fiji, French Polynesia, Hong Kong, India, Indonesia, Iran, Iraq, Japan, Korea (South), Kuwait, Malaysia, Micronesia, Myanmar, New Caledonia, Oman, Pakistan, Palau, Papua New Guinea, Philippines, Qatar, Ryukyu Is., Samoa, Saudi Arabia, Singapore, Sri Lanka, Tahiti, Taiwan, Thailand, Timor-Leste, Tonga, United Arab Em., Vanuatu, Viet Nam	✓	✓ (low)	Common	commercial	Least Concern	Unknown	2009	18.35	Lower risk		
Actinopteri	Acanthuriformes	Scorpaenidae	Scorpaenidae	Scorpaenidae	Spotted seat	6	Bahamas, Cuba, Mexico, Puerto Rico, Trinidad Tobago, USA	✓	✓	Unspecified	Least Concern	Unknown	2012	14.21	-			
Actinopteri	Perciformes/Scorpaenidae	Scorpaenidae	Scorpaenidae	Scorpaenidae	School bass	27	Andaman Is., Australia, Bahrain, Comoros, Djibouti, Egypt, Eritrea, India, Iran, Iraq, Israel, Jordan, Kenya, Kuwait, Madagascar, Mozambique, Oman, Pakistan, Qatar, Saudi Arabia, Socotra Arch., Somalia, Sri Lanka, Sudan, Tanzania, United Arab Em., Yemen	✓	✓	None	commercial	Least Concern	Unknown	2018	27.48	Lower risk		
Actinopteri	Esperacaria	Nemipteridae	Scolopsis	Scolopsis bilineata	Two lined monocle bream	35	Andaman Is., Australia, China, Cocos Is. (Keel), Guam, Hong Kong, India, Indonesia, Japan, Kiribati, Macao, Malaysia, Marshall Is., Micronesia, Niue, North Marianas, Ogasawara Is., Palau, Papua New Guinea, Philippines, Ryukyu Is., Solomon Is., Taiwan, Thailand, Timor-Leste, Tuvalu, Vanuatu, Viet Nam	✓	✓ (Very low)	None	commercial	Least Concern	Unknown	2015	24.62	Lower risk		
Actinopteri	Esperacaria	Nemipteridae	Scolopsis	Scolopsis shanan	Arabian monocle bream	26	Em. Yemen	✓	✓	None	commercial	Least Concern	Unknown	2018	27.48	Lower risk		
Actinopteri	Esperacaria	Nemipteridae	Scolopsis	Scolopsis lineata	Striped monocle bream	29	Andaman Is., Australia, China, Cocos Is. (Keel), Guam, Hong Kong, India, Indonesia, Japan, Kiribati, Macao, Malaysia, Marshall Is., Micronesia, Niue, North Marianas, Ogasawara Is., Palau, Papua New Guinea, Philippines, Ryukyu Is., Solomon Is., Taiwan, Thailand, Timor-Leste, Tuvalu, Vanuatu, Viet Nam	✓	✓ (Very low)	None	commercial	Least Concern	Unknown	2015	12.89	Lower risk		
Actinopteri	Perciformes/Scorpaenidae	Scorpaenidae	Scorpaenidae	Scorpaenidae	Goshead scorpionfish	11	Bahamas, Bermuda, Brazil, Colombia, Cuba, Mexico, Panama, Puerto Rico, Trinidad Tobago, USA, Venezuela	✓	✓	None	Unspecified	Least Concern	Unknown	2012	25.03	Lower risk		
Actinopteri	Perciformes/Scorpaenidae	Scorpaenidae	Scorpaenidae	Scorpaenidae	Barbfish	33	Anguilla, Antigua Barbuda, Aruba, Bahamas, Barbados, Cayman Is., Cuba, Curaçao, I., Dominica, Dominican Rp, Grenada, Guadeloupe, Haiti, Jamaica, Martinique, Mexico, Montserrat, Panama, Puerto Rico, St Kitts Nevis, St Lucia, St Vincent Gren., Suriname, Trinidad Tobago, Turks Caicos Is., USA, Venezuela, Virgin Is. (UK), Virgin Is. (US)	✓	✓	None	commercial	Least Concern	Unknown	2012	46.59	Lower risk		
Actinopteri	Perciformes/Scorpaenidae	Scorpaenidae	Scorpaenidae	Scorpaenidae	Mushroom scorpionfish	27	Anguilla, Antigua Barbuda, Aruba, Bahamas, Barbados, Brazil, Cayman Is., Cuba, Curaçao, I., Dominica, Dominican Rp, Grenada, Guadeloupe, Haiti, Jamaica, Martinique, Mexico, Montserrat, Panama, Puerto Rico, St Kitts Nevis, St Lucia, St Vincent Gren., Suriname, Trinidad Tobago, Turks Caicos Is., USA, Virgin Is. (UK), Virgin Is. (US)	✓	✓ (Very low)	None	rarely	Least Concern	Unknown	2012	32.36	Lower risk		
Actinopteri	Perciformes/Scorpaenidae	Scorpaenidae	Scorpaenidae	Scorpaenidae	Scorpaenidae	3	Japan, Korea (South), Taiwan	✓	✓ (Very low)	None	rarely	Least Concern	Unknown	not assessed	not assessed	2012	34.7	Moderate risk
Actinopteri	Perciformes/Scorpaenidae	Scorpaenidae	Scorpaenidae	Scorpaenidae	Spotted scorpionfish	37	Antigua Barbuda, Aruba, Assomoni I., Bahamas, Barbados, Belize, Bermuda, Brazil, Cayman Is., Colombia, Costa Rica, Cuba, Curaçao, I., Dominica, Dominican Rp, French Guiana, Grenada, Guadeloupe, Guyana, Haiti, Jamaica, Martinique, Mexico, Montserrat, Nicaragua, Puerto Rico, St Kitts Nevis, St Lucia, St Vincent Gren., Suriname, Trinidad Tobago, Turks Caicos Is., USA, Venezuela, Virgin Is. (UK), Virgin Is. (US)	✓	✓	None	commercial	Least Concern	Unknown	2014	57.24	Lower risk		
Actinopteri	Perciformes/Scorpaenidae	Scorpaenidae	Scorpaenidae	Scorpaenidae	Red scorpionfish	34	Albania, Algeria, Azores Is., Bosnia Herzegov., Canary Is., Cape Verde, Croatia, Cyprus, Egypt, France, Gibraltar, Greece, Israel, Italy, Kenya, Lebanon, Libya, Madeira Is., Malta, Mauritania, Monaco, Montenegro, Morocco, Portugal, Senegal, Slovenia, South Africa, Spain, Syria, Tunisia, Turkey, UK, West Sahara, Yemen	✓	✓	None	public aquariums	Least Concern	Unknown	2014	67.52	Lower risk		
Actinopteri	Perciformes/Scorpaenidae	Scorpaenidae	Scorpaenidae	Scorpaenidae	Reef scorpionfish	28	Anguilla, Antigua Barbuda, Aruba, Bahamas, Barbados, Brazil, Cayman Is., Cuba, Curaçao, I., Dominica, Dominican Rp, Grenada, Guadeloupe, Haiti, Jamaica, Martinique, Mexico, Montserrat, Panama, Puerto Rico, St Kitts Nevis, St Lucia, St Vincent Gren., Trinidad Tobago, Turks Caicos Is., USA, Virgin Is. (UK), Virgin Is. (US)	✓	✓	None	Unspecified	Least Concern	Unknown	2012	27.89	Lower risk		
Actinopteri	Perciformes/Scorpaenidae	Scorpaenidae	Scorpaenidae	Scorpaenidae	Guam scorpionfish	45	American Samoa, Andaman Is., Australia, Chagos Is., China, Christmas I., Cocos Is. (Keel), Djibouti, Egypt, Eritrea, French Polynesia, Guam, Hong Kong, India, Indonesia, Japan, Kenya, Madagascar, Malaysia, Maldives, Marquesas Is., Marshall Is., Mauritius, Micronesia, Mozambique, New Caledonia, Niue, North Marianas, Ogasawara Is., Oman, Palau, Papua New Guinea, Philippines, Pitcairn, R&Dunoon, Samoa, Seychelles, Solomon Is., South Africa, Tahiti, Taiwan, Vanuatu, Viet Nam	✓	✓	None	Unspecified	Least Concern	Unknown	2015	30.22	Lower risk		
Actinopteri	Perciformes/Scorpaenidae	Scorpaenidae	Scorpaenidae	Scorpaenidae	Lowfin scorpionfish	37	R&Dunoon, Ryukyu Is., Samoa, Seychelles, South Africa, Taiwan, Timor-Leste, Tonga, Tuamotu Is., Viet Nam, Cocos I. (C.R.), Colombia, Costa Rica, Ecuador, El Salvador, Galapagos Is., Guatemala, Honduras, Mexico	✓	✓	None	commercial	Least Concern	Unknown	2015	30.22	Lower risk		
Actinopteri	Perciformes/Scorpaenidae	Scorpaenidae	Scorpaenidae	Scorpaenidae	Rainbow scorpionfish	2	Nicaragua, Panama, Peru, Revillagigedo, USA	✓	✓	None	rarely	Least Concern	Unknown	2008	30.94	Moderate risk		
Actinopteri	Perciformes/Scorpaenidae	Scorpaenidae	Scorpaenidae	Scorpaenidae	Jerkie's scorpionfish	2	Hawaii, Midway Is.	✓	✓	None	commercial	Least Concern	Unknown	2015	62.55	-		
Actinopteri	Perciformes/Scorpaenidae	Scorpaenidae	Scorpaenidae	Scorpaenidae	False stonefish	58	American Samoa, Australia, Cambodia, Cargados Carajoo, Chagos Is., Christmas I., Cocos Is. (Keel), Comoros, Cook Is., Djibouti, Egypt, Fiji, French Polynesia, Galapagos Is., Guam, Hawaii, Hong Kong, Indonesia, Japan, Johnston I., Jordan, Kenya, Kiribati, Korea (North), Korea (South), Madagascar, Malaysia, Maldives, Marquesas Is., Marshall Is., Mauritius, Micronesia, Mozambique, New Caledonia, North Marianas, Ogasawara Is., Oman, Palau, Papua New Guinea, Philippines, Pitcairn, R&Dunoon, Samoa, Saudi Arabia, Seychelles, Socotra Arch., South Africa, Sri Lanka, Tahiti, Taiwan, Tanzania, Timor-Leste, Tonga, Tuamotu Is., Viet Nam, Yemen	✓	✓	None	Unspecified	Least Concern	Unknown	2015	49.94	Lower risk		
Actinopteri	Perciformes/Scorpaenidae	Scorpaenidae	Scorpaenidae	Scorpaenidae	Raggy scorpionfish	25	Tanzania, Thailand, United Arab Em., Vanuatu, Viet Nam	✓	✓	None	Unspecified	Least Concern	Unknown	2015	36.28	Lower risk		
Actinopteri	Centrarchiformes	Scorpiidae	Scorpiidae	Scorpiidae	Blue maomao	5	Australia, Kermadec Is., Lord Howe I., New Zealand, Norfolk I.	✓	✓	None	rarely	Least Concern	Unknown	not assessed	not assessed	2015	46.07	Moderate risk
Actinopteri	Anguilliformes	Muraenidae	Scuticaria	Scuticaria tigrina	Tiger reef-eel	34	American Samoa, Andaman Is., Chagos Is., Colombia, Comoros, Costa Rica, French Polynesia, Guam, Hawaii, India, Indonesia, Johnston I., Madagascar, Mauritius, Mexico, Mozambique, Mozambique, New Caledonia, Oman, Palau, Panama, Philippines, R&Dunoon, Revillagigedo, Ryukyu Is., Samoa, Seychelles, Somalia, South Africa, Taiwan, Vanuatu, Viet Nam	✓	✓	None	commercial	Least Concern	Unknown	2011	75.99	Moderate risk		
Elasmobranchii	Carcharhiniformes	Sphyrhinidae	Sphyrhinidae	Sphyrhinidae	Nursehound	27	Albania, Algeria, Angola, Belgium, Bosnia Herzegov., Croatia, Cyprus, Denmark, Egypt, France, Gambia, Germany, Gibraltar, Greece, Ireland, Isle of Man, Israel, Italy, Lebanon, Libya, Madeira Is., Malta, Mauritania, Monaco, Montenegro, Morocco, Netherlands, Norway, Portugal, Senegal, Slovenia, Spain, Sweden, Syria, Tunisia, Turkey, UK, West Sahara	✓	✓	None	public aquariums	Vulnerable	Decreasing	2020	67.18	Higher risk		
Actinopteri	Perciformes/Scorpaenidae	Scorpaenidae	Sebastipidae	Sebastipidae	Humpback noby	5	Hawaii, Johnston I., Kiribati, New Caledonia, Wake I.	✓	✓	None	commercial	Least Concern	Unknown	2015	25.03	-		
Actinopteri	Perciformes/Scorpaenidae	Scorpaenidae	Sebastipidae	Sebastipidae	Yellowspotted scorpionfish	35	American Samoa, Australia, Cargados Carajoo, Caroline I., Chagos Is., Christmas I., Cocos Is. (Keel), Comoros, Egypt, Fiji, Guam, Indonesia, Japan, Kiribati, Maldives, Marshall Is., Mauritius, Mayotte, Micronesia, Mozambique, Mozambique, New Caledonia, North Marianas, Ogasawara Is., Palau, Papua New Guinea, Philippines, Ryukyu Is., Samoa, Seychelles, South Africa, Taiwan, Tanzania, Tonga, Vanuatu, Viet Nam	✓	✓	None	Unspecified	Least Concern	Unknown	2015	25.03	Lower risk		

Non-CITES-listed marine ornamental fish species (n=2105), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Taxonomy						Range States		Evidence of species in International trade	Species Imported in EU and/or UK (%) Imports	Evidence of captive-breeding	Demand for aquaria	Extinction risk/vulnerability				
Class	Order	Family	Genus	Species	Common Name	No of native range States	List of native range States					Red List category	Red List population trend	Red List year of assessment	Vulnerability (FishBase)	Likelihood of threat from International trade
Actinopteri	Perciformes/Scorpaenoidi	Scorpaenidae	Sebastes	<i>Sebastes strongi</i>	Barchin scorpionfish	1	Andaman Is.; Australia; Chagos Is.; Christmas I.; Cocos Is. (Keel); Egypt; French Polynesia; Guam; India; Indonesia; Kenya; Madagascar; Maldives; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; North Mariana; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Seychelles; Solomon Is.; South Africa; Sri Lanka; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Viet Nam	✓	No data	Unspecified	Least Concern	Unknown	2015	24.6	Lower risk	
Actinopteri	Perciformes/Scorpaenoidi	Sebastes	Sebastes	<i>Sebastes chrysomelas</i>	Black-and-yellow rockfish	2	Mexico; USA	✓	No data	rarely	not assessed	not assessed	not assessed	47.4	Moderate risk	
Actinopteri	Perciformes/Scorpaenoidi	Sebastes	Sebastes	<i>Sebastes contrastus</i>	Starry rockfish	2	Mexico; USA	✓	No data	rarely	not assessed	not assessed	not assessed	66.02	Higher risk	
Actinopteri	Perciformes/Scorpaenoidi	Sebastes	Sebastes	<i>Sebastes emporias</i>	Poplet Scaud rockfish	3	Alaska; Canada; USA	✓	No data	public aquariums	not assessed	not assessed	not assessed	29.95	Lower risk	
Actinopteri	Perciformes/Scorpaenoidi	Sebastes	Sebastes	<i>Sebastes flavidus</i>	Yellowtail rockfish	3	Alaska; Canada; USA	✓	No data	public aquariums	not assessed	not assessed	not assessed	56.18	Moderate risk	
Actinopteri	Perciformes/Scorpaenoidi	Sebastes	Sebastes	<i>Sebastes melanops</i>	Black rockfish	4	Alaska; Canada; Mexico; USA	✓	No data	public aquariums	not assessed	not assessed	not assessed	66.02	Higher risk	
Actinopteri	Perciformes/Scorpaenoidi	Sebastes	Sebastes	<i>Sebastes miniatus</i>	Yermolon rockfish	4	Alaska; Canada; Mexico; USA	✓	No data	public aquariums	not assessed	not assessed	not assessed	63.13	Higher risk	
Actinopteri	Perciformes/Scorpaenoidi	Sebastes	Sebastes	<i>Sebastes mystinus</i>	Blue rockfish	2	Mexico; USA	✓	No data	public aquariums	not assessed	not assessed	not assessed	56.48	Moderate risk	
Actinopteri	Perciformes/Scorpaenoidi	Sebastes	Sebastes	<i>Sebastes nebulosus</i>	China rockfish	3	Alaska; Canada; USA	✓	None	public aquariums	not assessed	not assessed	not assessed	56.17	Moderate risk	
Actinopteri	Perciformes/Scorpaenoidi	Sebastes	Sebastes	<i>Sebastes nigropunctus</i>	Tiger rockfish	3	Alaska; Canada; USA	✓	None	public aquariums	not assessed	not assessed	not assessed	70.52	Higher risk	
Actinopteri	Perciformes/Scorpaenoidi	Sebastes	Sebastes	<i>Sebastes paucispinus</i>	Bocaccio rockfish	4	Alaska; Canada; Mexico; USA	✓	No data	public aquariums	Endangered	Decreasing	1996	62.81	Higher risk	
Actinopteri	Perciformes/Scorpaenoidi	Sebastes	Sebastes	<i>Sebastes rosenblatti</i>	Yelloweye rockfish	4	Alaska; Canada; Mexico; USA	✓	None	public aquariums	not assessed	not assessed	not assessed	72.46	Higher risk	
Actinopteri	Perciformes/Scorpaenoidi	Sebastes	Sebastes	<i>Sebastes rosenblatti</i>	Olive rockfish	2	Mexico; USA	✓	No data	rarely	not assessed	not assessed	not assessed	46.18	Moderate risk	
Actinopteri	Carangiformes	Carangidae	Selene	<i>Selene vomer</i>	Lookdown	29	Rico; Suriname; Trinidad Tobago; Uruguay; USA; Venezuela; Virgin Is. (US)	✓	✓ (low)	Common	public aquariums	Least Concern	Stable	2012	32.23	Lower risk
Actinopteri	Espercania	Labridae	Semicossyphus	<i>Semicossyphus pulcher</i>	California sheephead	2	Mexico; USA	✓	✓ (low)	None	commercial	Vulnerable	Decreasing	2006	64.9	Higher risk
Actinopteri	Carangiformes	Carangidae	Seriola	<i>Seriola dumerilii</i>	Great amberjack	125	Venezuela; Viet Nam; Virgin Is. (UK); Virgin Is. (US); Wallis Futuna; Yemen	✓	No data	public aquariums	Least Concern	Unknown	2013	53.95	Lower risk	
Actinopteri	Perciformes/Serranoidi	Serranidae	Serraniculus	<i>Serraniculus pumilio</i>	Pigmy sea bass	2	Mexico; USA	✓	No data	Unspecified	Least Concern	Unknown	2012	11.03	-	
Actinopteri	Perciformes/Serranoidi	Serranidae	Serranocirrhus	<i>Serranocirrhus latus</i>	Hawfish anthias	13	Taiwan; Timor-Leste; Tonga	✓	✓ (low)	None	commercial	Least Concern	Decreasing	2015	18.38	Lower risk
Actinopteri	Perciformes/Serranoidi	Serranidae	Serranus	<i>Serranus aeneus</i>	Orangeback bass	14	Virgin Is. (UK); Virgin Is. (US)	✓	No data	commercial	Least Concern	Unknown	2012	12.93	Lower risk	
Actinopteri	Perciformes/Serranoidi	Serranidae	Serranus	<i>Serranus baldoni</i>	Lantern bass	30	Lucia; St Vincent Gren.; Suriname; Trinidad Tobago; Turks Caicos Is.; Uruguay; USA; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (low)	Commercial	Least Concern	Unknown	2012	16.49	Lower risk	
Actinopteri	Perciformes/Serranoidi	Serranidae	Serranus	<i>Serranus chironax</i>	Snow bass	9	Bahamas; Colombia; Cuba; Mexico; Puerto Rico; Trinidad Tobago; USA; Virgin Is. (UK); Virgin Is. (US)	✓	No data	Unspecified	Least Concern	Unknown	2012	10	-	
Actinopteri	Perciformes/Serranoidi	Serranidae	Serranus	<i>Serranus flaviventris</i>	Twinspot bass	9	Brazil; Colombia; Cuba; Jamaica; Martinique; Puerto Rico; Trinidad Tobago; Uruguay; Venezuela	✓	No data	commercial	Least Concern	Unknown	2012	12.01	-	
Actinopteri	Perciformes/Serranoidi	Serranidae	Serranus	<i>Serranus hepatus</i>	Brown comber	14	Turkey	✓	No data	commercial	Least Concern	Unknown	2013	24.47	Lower risk	
Actinopteri	Perciformes/Serranoidi	Serranidae	Serranus	<i>Serranus notostolis</i>	Saddle bass	5	Mexico; Puerto Rico; Suriname; Trinidad Tobago USA	✓	No data	Unspecified	Least Concern	Unknown	2012	14.21	-	
Actinopteri	Perciformes/Serranoidi	Serranidae	Serranus	<i>Serranus tabacarius</i>	Tobaccofish	35	Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (low)	None	commercial	Least Concern	Unknown	2012	26.82	Lower risk
Actinopteri	Perciformes/Serranoidi	Serranidae	Serranus	<i>Serranus spinus</i>	Harlequin bass	31	UK; Virgin Is. (US)	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2009	36.86	Moderate risk
Actinopteri	Perciformes/Serranoidi	Serranidae	Serranus	<i>Serranus tortugarum</i>	Chalk bass	28	Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Trinidad Tobago; USA; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (low)	Common	commercial	Least Concern	Unknown	2012	12.01	Lower risk
Actinopteri	Acanthuriformes	Siganidae	Siganus	<i>Siganus argenteus</i>	Streamlined spinefoot	17	American Samoa; Andaman Is.; Australia; Br. Indian Oc. Tr; Cambodia; Caroline I.; Chagos Is.; Cocos Is. (Keel); Cook Is.; Fiji; French Polynesia; Guam; India; Indonesia; Israel; Japan; Jordan; Kiribati; Madagascar; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Micronesia; Mozambique; Nauru; New Caledonia; Niue; North Mariana; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Pitcairn; RÅlindun; Rodriguez; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Socotra Arch.; Solomon Is.; Somalia; Tahiti; Taiwan; Tanzania; Timor-Leste; Tonga; Tuvalu; USA; Vanuatu; Viet Nam; Yemen	✓	No data	commercial	Least Concern	Unknown	2015	22.2	Lower risk	
Actinopteri	Acanthuriformes	Siganidae	Siganus	<i>Siganus corallinus</i>	Blue-spotted spinefoot	23	Thailand; Timor-Leste; Viet Nam	✓	✓ (very low)	None	commercial	Least Concern	Unknown	2015	27.06	Lower risk
Actinopteri	Acanthuriformes	Siganidae	Siganus	<i>Siganus dollfus</i>	Barred spinefoot	12	Vanuatu; Viet Nam	✓	✓ (low)	None	Unspecified	Least Concern	Unknown	2015	19.12	Lower risk
Actinopteri	Acanthuriformes	Siganidae	Siganus	<i>Siganus guttatus</i>	Orange-spotted spinefoot	18	Philippines; Ryukyu Is.; Singapore; Taiwan; Thailand; Timor-Leste; Viet Nam	✓	✓ (low)	Captive bred (not for retail)	commercial	Least Concern	Unknown	2015	18.74	Lower risk
Actinopteri	Acanthuriformes	Siganidae	Siganus	<i>Siganus javus</i>	Streaked spinefoot	26	Timor-Leste; United Arab Em.; Vanuatu; Viet Nam	✓	No data	commercial	Least Concern	Unknown	2015	28.74	Lower risk	
Actinopteri	Acanthuriformes	Siganidae	Siganus	<i>Siganus lineatus</i>	Golden-lined spinefoot	17	Philippines; Solomon Is.; Sri Lanka; Thailand; Timor-Leste; Vanuatu; Viet Nam	✓	✓ (very low)	Moderate	commercial	Least Concern	Unknown	2015	25.18	Lower risk
Actinopteri	Acanthuriformes	Siganidae	Siganus	<i>Siganus magnificus</i>	Magnificent rabbitfish	4	Andaman Is.; Indonesia; Myanmar; Thailand	✓	✓ (low)	None	commercial	Least Concern	Unknown	2009	18.57	Lower risk
Actinopteri	Acanthuriformes	Siganidae	Siganus	<i>Siganus niger</i>	Black forface	1	Tonga	✓	No data	rarely	Vulnerable	Unknown	2015	13.71	-	
Actinopteri	Acanthuriformes	Siganidae	Siganus	<i>Siganus punctulatus</i>	Blackeye rabbitfish	5	Andaman Is.; India; Maldives; Myanmar; Thailand	✓	✓ (very low)	No data	Unspecified	Least Concern	Unknown	2017	19.63	Lower risk
Actinopteri	Acanthuriformes	Siganidae	Siganus	<i>Siganus puellus</i>	Masked spinefoot	20	Australia; Cocos Is. (Keel); Indonesia; Japan; Kiribati; Malaysia; Marshall Is.; Micronesia; New Caledonia; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Solomon Is.; Taiwan; Timor-Leste; Tonga; Vanuatu; Viet Nam; Wake I.	✓	✓ (low)	None	commercial	Least Concern	Unknown	2015	23.62	Lower risk
Actinopteri	Acanthuriformes	Siganidae	Siganus	<i>Siganus punctatus</i>	Goldspotted spinefoot	29	American Samoa; Australia; Cambodia; Cocos Is. (Keel); Fiji; Guam; Indonesia; Japan; Kiribati; Malaysia; Marshall Is.; Micronesia; Nauru; New Caledonia; Niue; North Mariana; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Pitcairn; RÅlindun; Rodriguez; Samoa; Singapore; Solomon Is.; Taiwan; Thailand; Timor-Leste; Tonga; Vanuatu	✓	✓ (very low)	No data	rarely	Least Concern	Unknown	2015	24.3	Lower risk
Actinopteri	Acanthuriformes	Siganidae	Siganus	<i>Siganus spinus</i>	Little spinefoot	34	Andaman Is.; Australia; Caroline I.; China; Cook Is.; Fiji; French Polynesia; Guam; India; Indonesia; Japan; Kiribati; Marshall Is.; Mauritius; Micronesia; Nauru; New Caledonia; Niue; North Mariana; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Solomon Is.; Sri Lanka; Tahiti; Taiwan; Thailand; Timor-Leste; Tonga; Vanuatu; Viet Nam; Yemen	✓	No data	commercial	Least Concern	Unknown	2015	13.79	Lower risk	
Actinopteri	Acanthuriformes	Siganidae	Siganus	<i>Siganus stellatus</i>	Brown-spotted spinefoot	25	Thailand; Timor-Leste; Vanuatu; Viet Nam	✓	✓ (very low)	No data	commercial	Least Concern	Unknown	2017	24.3	Lower risk
Actinopteri	Acanthuriformes	Siganidae	Siganus	<i>Siganus tripartitus</i>	Three-banded rabbitfish	1	Australia	✓	✓ (low)	No data	Unspecified	not assessed	not assessed	not assessed	15.88	Lower risk
Actinopteri	Acanthuriformes	Siganidae	Siganus	<i>Siganus umbraculatus</i>	Blackeye forface	5	Australia; Japan; Ogasawara Is.; Philippines; Ryukyu Is. (US)	✓	✓ (low)	None	commercial	Data Deficient	Unknown	2018	15.09	Unknown
Actinopteri	Acanthuriformes	Siganidae	Siganus	<i>Siganus uspi</i>	Bicolor reef forface	2	Fiji; New Caledonia	✓	✓ (low)	None	commercial	Near Threatened	Unknown	2015	15.21	Higher risk
Actinopteri	Acanthuriformes	Siganidae	Siganus	<i>Siganus vermiculatus</i>	Vermiculated spinefoot	21	Vanuatu	✓	Captive bred (not for retail)	commercial	Least Concern	Unknown	2011	19.6	Lower risk	
Actinopteri	Acanthuriformes	Siganidae	Siganus	<i>Siganus virgatus</i>	Barhead spinefoot	17	Ryukyu Is.; Singapore; Sri Lanka; Taiwan; Thailand; Timor-Leste; Viet Nam	✓	✓ (low)	Rare	commercial	Least Concern	Unknown	2017	19	Lower risk
Actinopteri	Acanthuriformes	Siganidae	Siganus	<i>Siganus vulpinus</i>	Forface	1	Australia; Indonesia; Kiribati; Malaysia; Marshall Is.; Micronesia; Nauru; New Caledonia; Palau; Papua New Guinea	✓	✓ (moderate)	None	commercial	Least Concern	Unknown	2015	19.12	Lower risk
Actinopteri	Gobiiformes	Gobiidae	Sigambra	<i>Sigambra boleosifus</i>	Twinstrip gobi	7	Australia; Indonesia; Palau; Papua New Guinea; Philippines; Solomon Is.; Vanuatu	✓	✓ (moderate)	Rare	commercial	Least Concern	Unknown	2020	22.38	Lower risk
Actinopteri	Apogonidae	Apogonidae	Ctenopoma	<i>Ctenopoma carolinense</i>	Cover-spotted cardinalfish	9	Australia; Indonesia; Japan; Malaysia; Marshall Is.; Micronesia; Papua New Guinea; Philippines; Taiwan	✓	No data	Unspecified	not assessed	not assessed	2022	15.09	Unknown	
Actinopteri	Espercania	Otididae	Siphonognathus	<i>Siphonognathus radatus</i>	Long-rayed weed whiting	1	Australia	✓	No data	commercial	Least Concern	Unknown	2009	18.35	-	
Actinopteri	Pleuronectiformes	Solidae	Soleichthys	<i>Soleichthys heterorhynchus</i>	Black-tip sole	21	New Caledonia; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Taiwan; Timor-Leste; Tonga; Viet Nam	✓	No data	rarely	Least Concern	Unknown	2015	32.01	Lower risk	
Actinopteri	Syngnathiformes	Solenostomidae	Solenostomus	<i>Solenostomus amatus</i>	Armored pipefish	6	Australia; Fiji; Indonesia; Japan; Papua New Guinea; Philippines	✓	No data	commercial	Least Concern	Unknown	2015	10	Lower risk	

Non-CITES-listed marine ornamental fish species (n=2105), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Class	Order	Taxonomy			Common Name	No of native range States	Range States	Evidence of species in international trade	Species imported in EU and/or UK (% imports)	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Red List year of assessment	Extinction risk/vulnerability		
		Family	Genus	Species			List of native range States								Vulnerability (FishBase)	Likelihood of threat from international trade	
Actinopteri	Syngnathiformes	Solenostomidae	Solenostomus	<i>Solenostomus cyanopterus</i>	Ghost pipefish	6	Andaman Is.; Australia; Christmas I.; Comoros; Fiji; Guam; India; Indonesia; Japan; Madagascar; Maldives; Marshall Is.; Mauritius; Mayotte; Micronesia; Mozambique; New Caledonia; North Marianas; Palau; Papua New Guinea;	✓		None	public aquariums	Least Concern	Unknown	2015	10	Lower risk	
Actinopteri	Syngnathiformes	Solenostomidae	Solenostomus	<i>Solenostomus parguiri</i>	Rhombus ghost pipefish	27	Åland; Australia; China; Indonesia; Japan; Malaysia; Taiwan	✓	✓ (Very low)	No data	rarely	not assessed	not assessed	not assessed	2015	10	Lower risk
Actinopteri	Syngnathiformes	Solenostomidae	Solenostomus	<i>Solenostomus paradoxus</i>	Harlequin ghost pipefish	1	Andaman Is.; Australia; Chagos Is.; China; Comoros; Fiji; Indonesia; Japan; Malaysia; Maldives; Marshall Is.; Mauritius; Mayotte; Micronesia; New Caledonia; Palau; Papua New Guinea; Philippines; Réunion; Solomon Is.;	✓		No data	public aquariums	Least Concern	Unknown	2015	10	Lower risk	
Actinopteri	Esperacaria	Scorpaenidae	Sparisoma	<i>Sparisoma amplum</i>		25	Taiwan; Tanzania; Timor-Leste; Tonga; Viet Nam	✓		No data	rarely	Least Concern	Unknown	2009	34.61	-	
Actinopteri	Esperacaria	Scorpaenidae	Sparisoma	<i>Sparisoma atomarium</i>	Greenblotch parrotfish	14	Anguilla; Bahamas; Belize; Bermuda; Brazil; Cayman Is.; Cuba; Jamaica; Puerto Rico; St Lucia; Trinidad; M.Vaz Is.;	✓		No data	commercial	Least Concern	Unknown	2009	12.47	Lower risk	
Actinopteri	Esperacaria	Scorpaenidae	Sparisoma	<i>Sparisoma aurifrenatum</i>	Redband parrotfish	39	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Bermuda; Cayman Is.; Colombia; Costa Rica; Cuba; Curaçao I.; Dominica; Dominican Rp; French Guiana; Grenada; Guadeloupe; Guatemala; Guyana; Haiti; Honduras; Jamaica; Martinique; Mexico; Montserrat; Neeth Antilles; Nicaragua; Panama; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Suriname; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓		No data	commercial	Least Concern	Unknown	2009	22.3	Lower risk	
Actinopteri	Esperacaria	Scorpaenidae	Sparisoma	<i>Sparisoma axillare</i>		2	Brazil; St Paul's Rocks			No data	rarely	Data Deficient	Unknown	2009	37.89	-	
Actinopteri	Esperacaria	Scorpaenidae	Sparisoma	<i>Sparisoma chrysopteron</i>	Redtail parrotfish	3	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Bermuda; Brazil; Cayman Is.; Colombia; Costa Rica; Cuba; Curaçao I.; Dominica; Dominican Rp; French Guiana; Grenada; Guadeloupe; Guatemala; Guyana; Haiti; Honduras; Jamaica; Martinique; Mexico; Montserrat; Nicaragua; Panama; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.;	✓		No data	commercial	Least Concern	Unknown	2009	22.7	Lower risk	
Actinopteri	Esperacaria	Scorpaenidae	Sparisoma	<i>Sparisoma fronsosum</i>		3	Brazil; Cape Verde; St Paul's Rocks	✓		No data	rarely	Data Deficient	Unknown	2009	29.32	-	
Actinopteri	Esperacaria	Scorpaenidae	Sparisoma	<i>Sparisoma radians</i>	Bucktooth parrotfish	32	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Bermuda; Brazil; Cayman Is.; Colombia; Cuba; Curaçao I.; Dominica; Dominican Rp; Grenada; Guadeloupe; Guyana; Haiti; Honduras; Jamaica; Martinique; Mexico; Nicaragua; Panama; Puerto Rico; Sao Tome Prnc.; St Kitts Nevis; St Lucia; St Vincent Gren.; Suriname; Trinidad; M.Vaz Is.;	✓		No data	commercial	Least Concern	Unknown	2008	14.21	Lower risk	
Actinopteri	Esperacaria	Scorpaenidae	Sparisoma	<i>Sparisoma rubrine</i>	Redfin parrotfish	14	USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)			No data	commercial	Least Concern	Unknown	2009	25.87	-	
Actinopteri	Esperacaria	Scorpaenidae	Sparisoma	<i>Sparisoma viride</i>	Stoplight parrotfish	41	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Bermuda; Brazil; Cayman Is.; Colombia; Costa Rica; Cuba; Curaçao I.; Dominica; Dominican Rp; French Guiana; Grenada; Guadeloupe; Guatemala; Guyana; Haiti; Honduras; Jamaica; Martinique; Mexico; Montserrat; Neeth Antilles; Nicaragua; Panama; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Suriname; Trinidad; M.Vaz Is.;	✓		No data	commercial	Least Concern	Unknown	2009	31.37	Moderate risk	
Actinopteri	Kuriiformes	Apogonidae	Sphaeramia	<i>Sphaeramia nematoptera</i>	Pajamas cardinalfish	14	Australia; Cook Is. (Kee); Fiji; Indonesia; Japan; Malaysia; Micronesia; New Caledonia; Palau; Papua New Guinea;	✓	✓ (moderate)	Common	commercial	Least Concern	not assessed	2022	10	Lower risk	
Actinopteri	Kuriiformes	Apogonidae	Sphaeramia	<i>Sphaeramia orbicularis</i>	Obliviated cardinalfish	22	Philippines; Ryukyu Is.; Taiwan; Tonga	✓	✓ (Very low)	Common	Unspecified	Least Concern	not assessed	2022	10	Lower risk	
Actinopteri	Tetraodontiformes	Tetraodontidae	Sphoerodes	<i>Sphoerodes ansaifurca</i>	Bulfsye puffer	12	American Samoa; Andaman Is.; Australia; Bahrain; Bangladesh; Brunei Darussalam; Cambodia; Caroline I.; Chagos Is.; China; Cocos Is. (Kee); Comoros; Cook Is.; Djibouti; Egypt; Eritrea; Fiji; French Polynesia; Guam; Hawaii; Hong Kong; India; Indonesia; Iran; Israel; Japan; Jordan; Kenya; Kiribati; Kuwait; Madagascar; Malaysia; Maldives; Marshall Is.; Mauritius; Mayotte; Micronesia; Mozambique; Myanmar; Nauru; New Caledonia; North Marianas; Oman; Pakistan; Palau; Papua New Guinea; Philippines; Qatar; Réunion; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Singapore; Solomon Is.; Somalia; South Africa; Sri Lanka; Sudan; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuvalu; United Arab Em.; USA; Vanuatu; Venezuela; Viet Nam; Virgin Is. (UK); Virgin Is. (US); Wake I.; Wallis Futuna; Yemen	✓		Captive bred (not for retail)	rarely	Least Concern	Unknown	2008	31.48	Moderate risk	
Actinopteri	Tetraodontiformes	Tetraodontidae	Sphoerodes	<i>Sphoerodes greenleyi</i>	Green puffer	14	Suriname; Trinidad Tobago; Venezuela	✓		No data	Unspecified	Least Concern	Unknown	2011	15.39	Lower risk	
Actinopteri	Tetraodontiformes	Tetraodontidae	Sphoerodes	<i>Sphoerodes nephelus</i>	Southern puffer	27	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Cayman Is.; Cuba; Curaçao I.; Dominica; Dominican Rp; Grenada; Guadeloupe; Haiti; Jamaica; Martinique; Mexico; Montserrat; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Trinidad Tobago; Turks Caicos Is.; USA; Virgin Is. (UK); Virgin Is. (US)	✓		No data	Unspecified	Least Concern	Unknown	2011	24.86	Lower risk	
Actinopteri	Tetraodontiformes	Tetraodontidae	Sphoerodes	<i>Sphoerodes spengleri</i>	Banthal puffer	15	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Cayman Is.; Colombia; Costa Rica; Cuba; Curaçao I.; Dominica; Dominican Rp; French Guiana; Grenada; Guadeloupe; Guatemala; Guyana; Haiti; Honduras; Jamaica; Martinique; Mexico; Nicaragua; Panama; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Suriname; Trinidad Tobago; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓		No data	commercial	Least Concern	Unknown	2011	24.86	Lower risk	
Actinopteri	Carangaria	Sphyrnidae	Sphyrna	<i>Sphyrna barracuda</i>	Great barracuda	111	American Samoa; Andaman Is.; Anguilla; Antigua Barbuda; Aruba; Ascension I.; Australia; Bahamas; Bahrain; Barbados; Belize; Bermuda; Brazil; Cambodia; Cape Verde; Cayman Is.; Chagos Is.; China; Christmas Is.; Cook Is. (Kee); Colombia; Cook Is.; Costa Rica; Cuba; Curaçao I.; Djibouti; Dominica; Dominican Rp; Egypt; Fiji; French Guiana; French Polynesia; Gabon; Galapagos Is.; Grenada; Guadeloupe; Guam; Guatemala; Guyana; Haiti; Hawaii; Honduras; Hong Kong; India; Indonesia; Jamaica; Japan; Jordan; Kenya; Kuwait; Lord Howe I.; Madagascar; Maldives I.; Malaysia; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Mauritania; Mauritius; Mexico; Micronesia; Montserrat; Mozambique; Myanmar; New Caledonia; Nicaragua; Niue; North Marianas; Ogasawara Is.; Oman; Pakistan; Palau; Panama; Papua New Guinea; Philippines; Puerto Rico; Qatar; Réunion; Samoa; Sao Tome Prnc.; Saudi Arabia; Seychelles; Socotra Arch.; Somalia; South Africa; St Kitts Nevis; St Lucia; St Paul's Rocks; St Vincent Gren.; Suriname; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Trinidad Tobago; Tuamotu Is.; Turks Caicos Is.; Tuvalu; United Arab Em.; USA; Vanuatu; Venezuela; Viet Nam; Virgin Is. (UK); Virgin Is. (US); Wake I.; Wallis Futuna; Yemen	✓		No data	public aquariums	Least Concern	Unknown	2013	78.57	Lower risk	
Actinopteri	Carangaria	Sphyrnidae	Sphyrna	<i>Sphyrna jello</i>	Pinkhandle barracuda	50	Andaman Is.; Australia; Bahrain; Bangladesh; Cambodia; China; Djibouti; Egypt; Eritrea; Fiji; Hong Kong; India; Indonesia; Iran; Iraq; Kenya; Kuwait; Madagascar; Malaysia; Maldives; Mauritius; Mozambique; Myanmar; New Caledonia; North Marianas; Oman; Pakistan; Papua New Guinea; Philippines; Qatar; Ryukyu Is.; Saudi Arabia; Seychelles; Singapore; Socotra Arch.; Solomon Is.; Somalia; South Africa; Sri Lanka; Sudan; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; United Arab Em.; Vanuatu; Viet Nam; Wallis Futuna; Yemen	✓		No data	rarely	not assessed	not assessed	not assessed	75.07	Higher risk	
Actinopteri	Clupeiformes	Spratelloididae	Sprateloides	<i>Sprateloides delicatulus</i>	Delicate round herring	71	American Samoa; Andaman Is.; Australia; Bahrain; Bangladesh; Brunei Darussalam; Cambodia; Caroline I.; Chagos Is.; China; Cocos Is. (Kee); Comoros; Cook Is.; Djibouti; Egypt; Eritrea; Fiji; French Polynesia; Guam; Hawaii; Hong Kong; India; Indonesia; Iran; Israel; Japan; Jordan; Kenya; Kiribati; Kuwait; Madagascar; Malaysia; Maldives; Marshall Is.; Mauritius; Mayotte; Micronesia; Mozambique; Myanmar; Nauru; New Caledonia; North Marianas; Oman; Pakistan; Palau; Papua New Guinea; Philippines; Qatar; Réunion; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Singapore; Solomon Is.; Somalia; South Africa; Sri Lanka; Sudan; Taiwan; Tanzania; Thailand; Tokelau; Tonga; Tuvalu; United Arab Em.; Vanuatu; Viet Nam; Wallis Futuna; Yemen; NA	✓		No data	rarely	Least Concern	Unknown	2017	10	Lower risk	
Actinopteri	Blenniiformes	Cliniidae	Springeratus	<i>Springeratus xanthurus</i>	Indonesia weedfish	5	Indonesia; Japan; Philippines; Ryukyu Is.; Taiwan	✓	✓ (Very low)	No data	rarely	Least Concern	Unknown	2010	10	Lower risk	
Actinopteri	Blenniiformes	Blenniidae	Stanulus	<i>Stanulus seychellensis</i>	Seychelle's blenny	21	Tonga; Tuamotu Is.			No data	commercial	Least Concern	Stable	2009	10	-	
Actinopteri	Blenniiformes	Blenniidae	Stanulus	<i>Stanulus taiboti</i>	Taiboti's blenny	8	Australia; Japan; Lord Howe I.; Marqassas Is.; New Caledonia; Ogasawara Is.; Ryukyu Is.; Tonga			No data	commercial	Least Concern	Stable	2009	10	-	
Actinopteri	Blenniiformes	Labrisomidae	Starla	<i>Starla ocellata</i>	Checked blenny	8	Bahamas; Brazil; Cuba; Haiti; Jamaica; Trinidad Tobago; USA; Venezuela			No data	commercial	Least Concern	Unknown	2007	10	-	
Actinopteri	Blenniiformes	Labrisomidae	Starla	<i>Starla stercoraria</i>	Key blenny	3	Belize; Honduras; USA			No data	commercial	Least Concern	Unknown	2007	10	-	
Actinopteri	Blenniiformes	Chaenopsidae	Stathmonotus	<i>Stathmonotus hemphilli</i>	Blackbelly blenny	10	Bahamas; Belize; Haiti; Honduras; Mexico; Nicaragua; Puerto Rico; USA; Virgin Is. (UK); Virgin Is. (US)			No data	commercial	Least Concern	Unknown	2007	10	-	
Actinopteri	Ovalentaria	Pomacentridae	Stegastes	<i>Stegastes acapulcoensis</i>	Acapulco major	12	Cocos I. (C.R.); Colombia; Costa Rica; Ecuador; El Salvador; Galapagos Is.; Guatemala; Honduras; Mexico; Nicaragua; Panama; Peru			No data	rarely	Least Concern	Unknown	2008	12.86	-	
Actinopteri	Ovalentaria	Pomacentridae	Stegastes	<i>Stegastes adustus</i>	Dusky damselfish	29	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Cayman Is.; Cuba; Curaçao I.; Dominica; Dominican Rp; Grenada; Guadeloupe; Haiti; Jamaica; Martinique; Mexico; Montserrat; Panama; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓		No data	commercial	Least Concern	Stable	2010	26.31	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	Stegastes	<i>Stegastes aureus</i>	Golden gregory	10	Caroline I.; French Polynesia; Kiribati; Marquesas Is.; New Caledonia; Philippines; Samoa; Taiwan; Tuamotu Is.; US		✓ (low)	No data	rarely	not assessed	not assessed	not assessed	22.69	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	Stegastes	<i>Stegastes diencaeus</i>	Longfin damselfish	29	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Cayman Is.; Cuba; Curaçao I.; Dominica; Dominican Rp; Grenada; Guadeloupe; Haiti; Jamaica; Martinique; Mexico; Montserrat; Panama; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓		No data	commercial	Least Concern	Unknown	2010	24.15	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	Stegastes	<i>Stegastes fasciatus</i>	Pacific gregory	51	American Samoa; Andaman Is.; Australia; Cargados Carajos; Chagos Is.; China; Christmas Is.; Cocos Is. (Kee); Easter I.; Fiji; French Polynesia; Guam; Hawaii; Hong Kong; Indonesia; Japan; Johnston I.; Kenya; Kermadec Is.; Kiribati; Lord Howe I.; Madagascar; Maldives; Marshall Is.; Mauritius; Micronesia; Midway Is.; Mozambique; New Caledonia; New Zealand; Norfolk I.; North Marianas; Palau; Papua New Guinea; Philippines; Pitcairn; Réunion; Ryukyu Is.; Samoa; Seychelles; Solomon Is.; South Africa; Sri Lanka; Taiwan; Tanzania; Timor-Leste; Tonga; US	✓		No data	Unspecified	not assessed	not assessed	not assessed	25.86	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	Stegastes	<i>Stegastes flavilatus</i>	Beardbrummel	10	Cocos I. (C.R.); Colombia; Costa Rica; Ecuador; El Salvador; Guatemala; Honduras; Mexico; Nicaragua; Panama	✓		No data	rarely	Least Concern	Unknown	2007	10.74	Lower risk	
Actinopteri	Ovalentaria	Pomacentridae	Stegastes	<i>Stegastes fuscus</i>	Brazilian damsel	7	Barbados; Belize; Brazil; Honduras; Jamaica; St Lucia; USA	✓		No data	Unspecified	Least Concern	Unknown	2009	37.31	Moderate risk	
Actinopteri	Ovalentaria	Pomacentridae	Stegastes	<i>Stegastes lucoctictus</i>	Beaugregory	31	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Bermuda; Brazil; Cayman Is.; Cuba; Curaçao I.; Dominica; Dominican Rp; Grenada; Guadeloupe; Haiti; Honduras; Jamaica; Martinique; Mexico; Montserrat; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (low)	None	commercial	Least Concern	Unknown	2010	20.93	Lower risk	

Non-CITES-listed marine ornamental fish species (n=2105), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Taxonomy						Range States		Evidence of species in international trade	Species imported in EU and/or UK (% imports)	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Extinction risk/vulnerability		
Class	Order	Family	Genus	Species	Common Name	No of native range States	List of native range States							Red List year of assessment	Vulnerability (FishBase)	Likelihood of threat from international trade
Actinopteri	Perciformes/Scorpaenidae	Synbranchiidae	Synbranchia	<i>Synbranchia verrucosa</i>	Stonefish	1	American Samoa; Andaman Is.; Australia; Bahrain; Cargados Carajoes; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Cook Is.; Djibouti; Egypt; Eritrea; French Polynesia; Guam; Hong Kong; India; Indonesia; Israel; Japan; Jordan; Kenya; Kuwait; Madagascar; Maldives; Marshall Is.; Mauritius; Mayotte; Micronesia; Mozambique; New Caledonia; Niue; North Mariana; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Qatar; RÅlunon; Réunion; Rodrigues; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Somalia; South Africa; Sri Lanka; Sudan; Tahiti; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; United Arab Em.; Vanuatu; Viet Nam; Yemen	✓	✓ (Very low)	No data	commercial	Least Concern	Stable	2017	58.16	Lower risk
Actinopteri	Callionymiformes	Callionymidae	<i>Synbranchia</i>	<i>Synbranchia morisotii</i>	Morrisot's dragonet	19	American Samoa; Australia; Caroline I.; Fiji; Guam; Indonesia; Japan; Marshall Is.; Micronesia; New Caledonia; North Mariana; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Taiwan; Tonga; Viet Nam	✓	✓ (Very low)	No data	commercial	Least Concern	not assessed	2022	12.47	Lower risk
Actinopteri	Callionymiformes	Callionymidae	<i>Synbranchia</i>	<i>Synbranchia moyeri</i>	Moyer's dragonet	8	Australia; Indonesia; Japan; Micronesia; Palau; Papua New Guinea; Philippines; Ryukyu Is.	✓	✓ (low)	No data	rarely	Least Concern	not assessed	2022	11.53	Lower risk
Actinopteri	Callionymiformes	Callionymidae	<i>Synbranchia</i>	<i>Synbranchia picturatus</i>	Picturesque dragonet	6	Australia; Indonesia; Malaysia; Palau; Papua New Guinea; Philippines; Taiwan	✓	✓ (moderate)	Common	commercial	Least Concern	not assessed	2022	11.03	Lower risk
Actinopteri	Callionymiformes	Callionymidae	<i>Synbranchia</i>	<i>Synbranchia splendens</i>	Manarinfish	12	Is.; Solomon Is.; Taiwan	✓	✓ (moderate)	Common	commercial	Least Concern	Unknown	2018	11.03	Lower risk
Actinopteri	Callionymiformes	Callionymidae	<i>Synbranchia</i>	<i>Synbranchia stellatus</i>	Starry dragonet	14	Andaman Is.; Australia; Cargados Carajoes; Comoros; Indonesia; Maldives; Mauritius; Mozambique; Oman; Réunion; Seychelles; South Africa; Sri Lanka; Thailand	✓	✓ (moderate)	Common	commercial	Least Concern	not assessed	2022	11.53	Lower risk
Actinopteri	Callionymiformes	Callionymidae	<i>Synbranchia</i>	<i>Synbranchia sycorax</i>	Ruby dragonet	1	Philippines	✓	✓ (moderate)	Captive bred (not for retail)	commercial	Least Concern	not assessed	not assessed	10	Lower risk
Actinopteri	Synbranchiiformes	Synbranchiidae	<i>Synbranchioides</i>	<i>Synbranchioides biaculeatus</i>	Alligator pipefish	19	Andaman Is.; Australia; Egypt; Guam; India; Indonesia; Japan; Madagascar; Marshall Is.; Mauritius; Mayotte; Micronesia; Mozambique; Myanmar; New Caledonia; North Mariana; Palau; Papua New Guinea; Philippines; Samoa; Seychelles; South Africa; Taiwan; Thailand; Tonga; Viet Nam; Wake I.	✓	✓ (low)	Captive bred (not for retail)	public aquariums	Least Concern	Unknown	2016	16.13	Lower risk
Actinopteri	Synbranchiiformes	Synbranchiidae	<i>Synbranchioides</i>	<i>Synbranchioides bostianae</i>	Chain pipefish	4	Bermuda; Jamaica; Mexico; USA	✓	✓	No data	Unspecified	Data Deficient	Unknown	2014	26.41	Lower risk
Actinopteri	Synbranchiiformes	Synbranchiidae	<i>Synbranchius</i>	<i>Synbranchius typhle</i>	Broadnosed pipefish	1	Albania; Algeria; Belgium; Bosnia Herzegov.; Bulgaria; Channel I.; Croatia; Denmark; Egypt; Estonia; Faeroe Is.; Finland; France; Georgia; Germany; Gibraltar; Greece; Ireland; Isle of Man; Israel; Italy; Latvia; Lebanon; Libya; Lithuania; Malta; Monaco; Montenegro; Morocco; Netherlands; Norway; Poland; Portugal; Romania; Russia; Slovenia; Spain; Sweden; Syria; Tunisia; Turkey; UK; US; English; Haiti; US; No. Irish; UK; Scotland; Ukraine	✓	✓ (Very low)	Captive bred (not for retail)	public aquariums	Least Concern	Unknown	2014	25.2	Lower risk
Actinopteri	Aulopiformes	Synodontidae	<i>Synodus</i>	<i>Synodus intermedius</i>	Sand diver	33	Antigua Barbuda; Aruba; Bahamas; Barbados; Bermuda; Brazil; Cayman Is.; Colombia; Cuba; Curaçao I.; Dominica; Dominican Rep.; Ecuador; French Guiana; Grenada; Guadeloupe; Guyana; Haiti; Jamaica; Martinique; Montserrat; Nicaragua; Puerto Rico; St. Kitts Nevis; St. Lucia; St. Vincent Gren.; Suriname; Trinidad Tobago; Turks Caicos Is. USA; Venezuela; Virgin Is. (US); Virgin Is. (UK)	✓	✓	No data	commercial	Least Concern	Unknown	2013	31.67	Lower risk
Actinopteri	Aulopiformes	Synodontidae	<i>Synodus</i>	<i>Synodus variegatus</i>	Variiegated lizardfish	68	American Samoa; Andaman Is.; Australia; Bahrain; Cargados Carajoes; Caroline I.; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Comoros; Cook Is.; Djibouti; Egypt; Eritrea; French Polynesia; Guam; Hawaii; Hong Kong; India; Indonesia; Israel; Japan; Jordan; Kenya; Kermadec Is.; Kiribati; Korea (South); Kuwait; Lord Howe I.; Madagascar; Malaysia; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Mayotte; Micronesia; Midway Is.; Mozambique; New Caledonia; New Zealand; Niue; Norfolk I.; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Pitcairn; Qatar; RÅlunon; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Socotra Arch.; Somalia; South Africa; Sri Lanka; Sudan; Taiwan; Tanzania; Tonga; United Arab Em.; Viet Nam; Yemen	✓	✓ (Very low)	No data	rarely	Least Concern	Stable	2015	29.57	Lower risk
Actinopteri	Perciformes/Scorpaenidae	Scorpaenidae	<i>Taeniatus</i>	<i>Taeniatus triacanthus</i>	Leaf scorpionfish	38	American Samoa; Andaman Is.; Australia; Bahrain; Bangladesh; Cambodia; Djibouti; Egypt; Eritrea; Fiji; India; Indonesia; Iran; Japan; Jordan; Kenya; Korea; Kuwait; Madagascar; Malaysia; Maldives; Mayotte; Micronesia; Mozambique; Myanmar; New Caledonia; Oman; Pakistan; Palau; Papua New Guinea; Philippines; Qatar; Saudi Arabia; Seychelles; Solomon Is.; Somalia; South Africa; Sri Lanka; Sudan; Tanzania; Thailand; Timor-Leste; United Arab Em.; Vanuatu; Viet Nam; Yemen	✓	✓ (low)	None	commercial	Least Concern	Unknown	2015	25.03	Lower risk
Elasmobranchii	Myliobatiformes	Dasyatidae	<i>Taeniura</i>	<i>Taeniura lymna</i>	Ribbontail stingray	42	China; Hong Kong; Japan; Korea (South); Ryukyu Is.; Taiwan; Viet Nam	✓	✓ (low)	Rare	commercial	Least Concern	Increasing	2020	90	Lower risk
Actinopteri	Tetraodontiformes	Tetraodontidae	<i>Tautoga</i>	<i>Tautoga onitis</i>	Tautog	7	China; Hong Kong; Japan; Korea (South); Ryukyu Is.; Taiwan; Viet Nam	✓	✓	No data	Unspecified	Least Concern	Decreasing	2011	13.37	Lower risk
Actinopteri	Espercaria	Labridae	<i>Tautoga</i>	<i>Tautoga onitis</i>	Tautog	2	Canada; USA	✓	✓	No data	public aquariums	Vulnerable	Decreasing	2008	69.45	Higher risk
Actinopteri	Espercaria	Labridae	<i>Tautoga</i>	<i>Tautoga labrus</i>	Cunner	2	Canada; USA	✓	✓	No data	commercial	Least Concern	Unknown	2008	43.14	Moderate risk
Actinopteri	Centrarchiformes	Tetraodontidae	<i>Tetraodon</i>	<i>Tetraodon lineatus</i>	Four-spot tetraodon	60	American Samoa; Andaman Is.; Australia; Bahrain; Bangladesh; Brunei Daruss.; Cambodia; China; Comoros; Djibouti; Egypt; Eritrea; Fiji; Hong Kong; India; Indonesia; Iran; Iraq; Japan; Jordan; Kenya; Korea (South); Kuwait; Lord Howe I.; Madagascar; Malaysia; Maldives; Mauritius; Mayotte; Micronesia; Mozambique; Myanmar; New Caledonia; Oman; Pakistan; Palau; Papua New Guinea; Philippines; Qatar; Saudi Arabia; Seychelles; Solomon Is.; Somalia; South Africa; Sri Lanka; Sudan; Taiwan; Tanzania; Seychelles; Singapore; Socotra Arch.; Solomon Is.; South Africa; Sri Lanka; Sudan; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; United Arab Em.; Vanuatu; Viet Nam; Yemen	✓	✓ (Very low)	No data	rarely	Least Concern	Unknown	2016	30.34	Lower risk
Actinopteri	Espercaria	Labridae	<i>Tetraodon</i>	<i>Tetraodon rubrivittatus</i>	White-striped boxfish	6	Indonesia; Japan; Maldives; New Caledonia; Palau; Papua New Guinea	✓	✓ (Very low)	No data	rarely	Least Concern	Unknown	2009	21.39	Lower risk
Actinopteri	Tetraodontiformes	Ostraciidae	<i>Tetrosomus</i>	<i>Tetrosomus concinnatus</i>	Triangular boxfish	13	Australia; Hong Kong; Indonesia; Japan; Lord Howe I.; Malaysia; Mauritius; Mozambique; New Caledonia; Réunion; Seychelles; South Africa; Taiwan	✓	✓	No data	rarely	not assessed	not assessed	not assessed	16.95	Lower risk
Actinopteri	Tetraodontiformes	Ostraciidae	<i>Tetrosomus</i>	<i>Tetrosomus abditus</i>	Humblebug turrefish	24	Andaman Is.; Australia; Bahrain; China; India; Indonesia; Japan; Jordan; Kuwait; Madagascar; Malaysia; Maldives; Mauritius; New Caledonia; Oman; Palau; Papua New Guinea; Philippines; Qatar; Saudi Arabia; Seychelles; South Africa; Thailand; Timor-Leste; United Arab Em.	✓	✓ (Very low)	No data	potential	Least Concern	Unknown	2009	16	Lower risk
Actinopteri	Espercaria	Labridae	<i>Thalassoma</i>	<i>Thalassoma amblycephalum</i>	Bluntheaded wrasse	48	American Samoa; Andaman Is.; Australia; Caroline I.; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Comoros; Cook Is.; French Polynesia; Guam; Hong Kong; India; Indonesia; Japan; Kermadec Is.; Kiribati; Lord Howe I.; Malaysia; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Micronesia; Mozambique; Myanmar; New Caledonia; New Zealand; Norfolk I.; North Mariana; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Réunion; Samoa; Seychelles; Somalia; South Africa; Sri Lanka; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Viet Nam	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2009	30.38	Moderate risk
Actinopteri	Espercaria	Labridae	<i>Thalassoma</i>	<i>Thalassoma ballerei</i>	Blacktail wrasse	2	Hawaii; Johnston I.	✓	✓	No data	commercial	Least Concern	Unknown	2009	38.08	Moderate risk
Actinopteri	Espercaria	Labridae	<i>Thalassoma</i>	<i>Thalassoma bifasciatum</i>	Bluehead	29	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Bermuda; Cayman Is.; Cuba; Curaçao I.; Dominica; Dominican Rep.; Grenada; Guadeloupe; Haiti; Jamaica; Martinique; Mexico; Montserrat; Puerto Rico; St. Kitts Nevis; St. Lucia; St. Vincent Gren.; Trinidad Tobago; Turks Caicos Is. USA; Venezuela; Virgin Is. (US); Virgin Is. (UK)	✓	✓ (low)	None	commercial	Least Concern	Unknown	2008	19.56	Lower risk
Actinopteri	Espercaria	Labridae	<i>Thalassoma</i>	<i>Thalassoma cupido</i>	28k -	6	China; Japan; Korea (South); Taiwan; Viet Nam	✓	✓	No data	commercial	Least Concern	Unknown	2008	28.6	-
Actinopteri	Espercaria	Labridae	<i>Thalassoma</i>	<i>Thalassoma dipnema</i>	Saddle wrasse	2	Hawaii; Johnston I.	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2008	19.88	Lower risk
Actinopteri	Espercaria	Labridae	<i>Thalassoma</i>	<i>Thalassoma penicillatum</i>	Red-cheek wrasse	5	Madagascar; Mauritius; Réunion; Seychelles; South Africa	✓	✓	No data	commercial	Least Concern	Unknown	2009	28.6	Lower risk
Actinopteri	Espercaria	Labridae	<i>Thalassoma</i>	<i>Thalassoma grammurum</i>	Sunset wrasse	10	Cocos I. (C.R.); Costa Rica; El Salvador; Galapagos Is.; Guatemala; Honduras; Mexico; Nicaragua; Panama; Peru	✓	✓ (Very low)	No data	rarely	Least Concern	Stable	2007	35.18	Moderate risk
Actinopteri	Espercaria	Labridae	<i>Thalassoma</i>	<i>Thalassoma hardwickae</i>	Siber wrasse	13	American Samoa; Andaman Is.; Australia; Caroline I.; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Cook Is.; French Polynesia; Guam; Hong Kong; India; Indonesia; Japan; Kiribati; Lord Howe I.; Madagascar; Malaysia; Maldives; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; Niue; Norfolk I.; North Mariana; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Réunion; Samoa; Seychelles; Somalia; South Africa; Sri Lanka; Tahiti; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Vanuatu; Viet Nam	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2008	13.88	Lower risk
Actinopteri	Espercaria	Labridae	<i>Thalassoma</i>	<i>Thalassoma hirtacrum</i>	Goldbar wrasse	12	Chagos Is.; Kenya; Madagascar; Maldives; Mauritius; Mozambique; Réunion; Seychelles; Somalia; South Africa; Sri Lanka; Tanzania	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2009	30.69	Moderate risk
Actinopteri	Espercaria	Labridae	<i>Thalassoma</i>	<i>Thalassoma jansseni</i>	Janssen's wrasse	28	Andaman Is.; Australia; China; Christmas I.; Cocos Is. (Keel); Fiji; Guam; India; Indonesia; Japan; Kermadec Is.; Lord Howe I.; Malaysia; Maldives; Marshall Is.; Micronesia; New Caledonia; New Zealand; Norfolk I.; North Mariana; Palau; Palau; Papua New Guinea; Philippines; Sri Lanka; Taiwan; Thailand; Timor-Leste; Viet Nam	✓	✓ (Very low)	None	commercial	Least Concern	Unknown	2009	28.6	Lower risk
Actinopteri	Espercaria	Labridae	<i>Thalassoma</i>	<i>Thalassoma lucasanum</i>	Cortez rainbow wrasse	12	Cocos I. (C.R.); Colombia; Costa Rica; Ecuador; El Salvador; Galapagos Is.; Guatemala; Honduras; Mexico; Nicaragua; Panama; Peru	✓	✓ (low)	None	commercial	Least Concern	Stable	2007	24.31	Lower risk
Actinopteri	Espercaria	Labridae	<i>Thalassoma</i>	<i>Thalassoma lunare</i>	Moon wrasse	1	Andaman Is.; Australia; Bahrain; Cambodia; Caroline I.; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Djibouti; Egypt; French Polynesia; Guam; Hawaii; Hong Kong; India; Indonesia; Japan; Jordan; Kermadec Is.; Kiribati; Korea (South); Kuwait; Lord Howe I.; Madagascar; Malaysia; Maldives; Marshall Is.; Mauritius; Micronesia; Mozambique; Myanmar; New Caledonia; New Zealand; Niue; Norfolk I.; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Qatar; Ryukyu Is.; Saudi Arabia; Seychelles; Socotra Arch.; Somalia; South Africa; Sri Lanka; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; United Arab Em.; Vanuatu; Viet Nam; Wake I.; Yemen	✓	✓ (low)	None	commercial	Least Concern	Stable	2008	47.82	Moderate risk
Actinopteri	Espercaria	Labridae	<i>Thalassoma</i>	<i>Thalassoma lutescens</i>	Yellow-brown wrasse	36	American Samoa; Andaman Is.; Australia; China; Christmas I.; Cocos Is. (Keel); Cook Is.; Easter I.; French Polynesia; Galapagos Is.; Guam; Hawaii; Indonesia; Japan; Johnston I.; Kermadec Is.; Lord Howe I.; Malaysia; Marshall Is.; Micronesia; New Caledonia; New Zealand; Norfolk I.; North Mariana; Palau; Palau; Papua New Guinea	✓	✓ (low)	None	commercial	Least Concern	Unknown	2009	34.51	Moderate risk
Actinopteri	Espercaria	Labridae	<i>Thalassoma</i>	<i>Thalassoma nigricaudatum</i>	Blackbarred wrasse	9	Guinea; Philippines; Pitcairn; Samoa; Sri Lanka; Taiwan; Tonga; Viet Nam; Wake I.	✓	✓	None	rarely	Least Concern	Unknown	2009	34.69	Moderate risk
Actinopteri	Espercaria	Labridae	<i>Thalassoma</i>	<i>Thalassoma nononahum</i>	Noronha wrasse	3	Brazil; St. Paul's Rocks; Trind. M.Vaz Is.	✓	✓	No data	commercial	Least Concern	Unknown	2009	26.72	-
Actinopteri	Espercaria	Labridae	<i>Thalassoma</i>	<i>Thalassoma pavo</i>	Ornate wrasse	19	Albania; Algeria; Azores Is.; Canary Is.; Cape Verde; Cyprus; France; Greece; Italy; Lebanon; Libya; Madeira Is.; Malta; Monaco; Sao Tome Prnc.; Slovenia; Spain; Syria; Turkey	✓	✓	No data	commercial	Least Concern	Stable	2008	39.24	Moderate risk

Non-CITES-listed marine ornamental fish species (n=2105), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Class	Order	Taxonomy			Common Name	No of native range States	Range States				Evidence of species in international trade	Species imported in EU and/or UK (%)	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Red List year of assessment	Extinction risk/vulnerability		
		Family	Genus	Species			List of native range States	Vulnerability (FishBase)	Likelihood of threat from international trade											
Actinopteri	Espercaria	Labridae	Thalassoma	<i>Thalassoma purpuraceum</i>	Surge wrasse	50	American Samoa; Andaman Is.; Australia; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Cook Is.; Easter I.; Egypt; French Polynesia; Galapagos Is.; Guam; Hawaii; India; Indonesia; Japan; Kenya; Kermadec Is.; Korea (South); Lord Howe I.; Malaysia; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; New Zealand; Niue; Norfolk I.; North Mariana; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Pitcairn; R��union; Ryukyu Is.; Samoa; Seychelles; Somalia; South Africa; Taiwan; Tanzania; Timor-Leste; Tonga; Viet Nam	✓		No data	commercial	Least Concern	Unknown	2009	44	Moderate risk				
Actinopteri	Espercaria	Labridae	Thalassoma	<i>Thalassoma quinquevittatum</i>	Fivestripe wrasse	38	American Samoa; Andaman Is.; Australia; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Cook Is.; French Polynesia; Guam; Hawaii; India; Indonesia; Japan; Lord Howe I.; Malaysia; Maldives; Marquesas Is.; Marshall Is.; Micronesia; New Caledonia; Niue; North Mariana; Ogasawara Is.; Palau; Papua New Guinea; Philippines; R��union; 38 Ryukyu Is.; Samoa; Seychelles; Somalia; South Africa; Taiwan; Tonga; Tuamotu Is.; Viet Nam; Wake I.	✓	✓ (Very low)	None	commercial	Least Concern	Unknown	2009	25.85	Lower risk				
Actinopteri	Espercaria	Labridae	Thalassoma	<i>Thalassoma rueppellii</i>	Klunzinger's wrasse	2	Egypt; Jordan	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2009	28.6	Lower risk				
Actinopteri	Espercaria	Labridae	Thalassoma	<i>Thalassoma trilobatum</i>	Christmas wrasse	7	American Samoa; Australia; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Cook Is.; French Polynesia; Guam; Hawaii; Indonesia; Japan; Johnston I.; Kenya; Kermadec Is.; Lord Howe I.; Madagascar; Malaysia; Marquesas Is.; Marshall Is.; Mauritius; Micronesia; Mozambique; New Caledonia; New Zealand; Niue; Norfolk I.; North Mariana; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Pitcairn; R��union; Ryukyu Is.; Samoa; Seychelles; Somalia; 4 South Africa; Taiwan; Tanzania; Timor-Leste; Tonga; Viet Nam	✓		No data	commercial	Least Concern	Unknown	2009	34.51	Moderate risk				
Actinopteri	Gobiiformes	Tigridae	Tigridae	<i>Tigridae macrotum</i>	Tiger goby	4	Colombia; Cuba; Haiti; Mexico; Trinidad Tobago; USA; Venezuela	✓	✓ (low)	Common	commercial	Least Concern	Unknown	2010	10	Lower risk				
Actinopteri	Gobiiformes	Gobiidae	Tigridae	<i>Tigridae multifasciatus</i>	Greenbanded goby	27	Lucia; St Vincent Gren.; Trinidad Tobago; Turks Caicos Is.; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (low)	Captive bred (not for retail)	commercial	Least Concern	Unknown	2010	10	Lower risk				
Actinopteri	Gobiiformes	Gobiidae	Tomiyamichthyis	<i>Tomiyamichthyis oni</i>	Monster shrimpgoby	10	Ryukyu Is.	✓	✓ (low)	No data	rarely	Least Concern	Unknown	2020	24.45	Lower risk				
Elasmobranchii	Torpediniformes	Torpedinidae	Torpedo	<i>Torpedo marmorata</i>	Marbled electric ray	Albania; Algeria; Angola; Benin; Bosnia Herzegov.; Cameroon; Canary Is.; Cape Verde; Congo; Congo Dem Rip; Cote d'Ivoire; Croatia; Cyprus; Egypt; Eq Guinea; France; Gabon; Gambia; Ghana; Gibraltar; Greece; Guinea; Guinea-Bissau; Iceland; Israel; Italy; Lebanon; Liberia; Libya; Madeira Is.; Malta; Mauritania; Mauritius; Monaco; Montenegro; Morocco; Namibia; Netherlands; Portugal; Sao Tome Prince; Senegal; Sierra Leone; Slovenia; 54 South Africa; Spain; Syria; Togo; Tunisia; Turkey; UK; UK Scotland; West Sahara; Yemen	✓	✓ (Very low)	None	public aquariums	Vulnerable	Decreasing	2020	68.57	Higher risk					
Elasmobranchii	Torpediniformes	Torpedinidae	Torpedo	<i>Torpedo sinuspersici</i>	Variable torpedo ray	18	Somalia; South Africa; Sri Lanka; Tanzania; United Arab Em.	✓		No data	rarely	Data Deficient	Unknown	2017	79.39	Higher risk				
Actinopteri	Ovalentaria	Plesiopidae	Trachinops	<i>Trachinops brassy</i>	Blaibanded halibut	1	Australia	✓		No data	rarely	Least Concern	not assessed	2022	16.21	Lower risk				
Actinopteri	Ovalentaria	Plesiopidae	Trachinops	<i>Trachinops taeniatas</i>	Eastern halibut	1	Australia	✓		Captive bred (not for retail)	rarely	Least Concern	not assessed	2022	26.71	Lower risk				
Actinopteri	Carangiformes	Carangidae	Trachinotus	<i>Trachinotus africanus</i>	Southern pompano	9	Indonesia; Madagascar; Mozambique; Oman; Pakistan; Somalia; South Africa; Tanzania; Yemen	✓		No data	public aquariums	Least Concern	Unknown	2017	47.46	Lower risk				
Actinopteri	Carangiformes	Carangidae	Trachinotus	<i>Trachinotus blochi</i>	Shubnose pompano	Admiralty Is.; American Samoa; Andaman Is.; Australia; Bahrain; Bangladesh; Cambodia; Chagos Is.; China; Cocos Is. (Keel); Comoros; Cook Is.; Djibouti; Egypt; Eritrea; Fiji; Guam; Hong Kong; India; Indonesia; Iran; Iraq; Israel; Japan; Jordan; Kenya; Kuwait; Kuwait; Madagascar; Malaysia; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Mayotte; Micronesia; Myanmar; New Caledonia; Norfolk I.; North Mariana; Oman; Pakistan; Palau; Papua New Guinea; Philippines; Qatar; R��union; Rodriguez; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Solomon Is.; Somalia; South Africa; Sri Lanka; Sudan; Tahiti; Taiwan; Tanzania; Thailand; Timor-Leste; 72 Tokelau; Tonga; Tuvalu; United Arab Em.; Vanuatu; Viet Nam; Wallis Futuna; Yemen	✓		No data	public aquariums	Least Concern	Unknown	2015	62.64	Lower risk					
Actinopteri	Carangiformes	Carangidae	Trachinotus	<i>Trachinotus falcatus</i>	Permit	38	Vincent Gren.; Suriname; Trinidad Tobago; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓		No data	public aquariums	Least Concern	Stable	not assessed	2012	42.4	Lower risk			
Actinopteri	Perciformes/Notemistnoidae	Neohelminidae	Trematomus	<i>Trematomus bernacchi</i>	Emerald rockcod	6	Antarctica; Eschscholtz I.; Peter I.; South Okeana Is.; South Shetland; Terre Adulie	✓		No data	rarely	Least Concern	not assessed	not assessed	2019	64.32	Higher risk			
Elasmobranchii	Carcharhiniformes	Triakidae	Triakis	<i>Triakis squalium</i>	Banded houndshark	6	China; Japan; Korea (North); Korea (South); Russia; Taiwan	✓	✓ (Very low)	No data	rarely	Endangered	Decreasing	2019	64.32	Higher risk				
Elasmobranchii	Carcharhiniformes	Triakidae	Triakis	<i>Triakis semifasciata</i>	Leopard shark	2	Mexico; USA	✓		None	commercial	Least Concern	Unknown	2014	79.77	Lower risk				
Actinopteri	Gobiiformes	Tichonotidae	Tichonotus	<i>Tichonotus elegans</i>	Long-rayed sand-diver	12	Guinea; Ryukyu Is.	✓		No data	rarely	Least Concern	Unknown	2015	11.96	-				
Actinopteri	Gobiiformes	Tichonotidae	Tichonotus	<i>Tichonotus zetiger</i>	Spotted sand-diver	10	Taiwan	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2015	11.3	Lower risk				
Actinopteri	Gobiiformes	Gobiidae	Trimma	<i>Trimma anostomum</i>	Grey-bearded pygmygoby	14	Taiwan; Timor-Leste; Viet Nam	✓		No data	rarely	Least Concern	Stable	2015	10	Lower risk				
Actinopteri	Gobiiformes	Gobiidae	Trimma	<i>Trimma benjamini</i>	Ring-eye pygmygoby	15	American Samoa; Australia; Fiji; Indonesia; Marshall Is.; Micronesia; New Caledonia; Palau; Papua New Guinea;	✓	✓ (low)	Rare	rarely	Least Concern	Stable	2015	10	Lower risk				
Actinopteri	Gobiiformes	Gobiidae	Trimma	<i>Trimma cana</i>	Candy-cane pygmy goby	5	Fiji; Marshall Is.; Micronesia; Palau; Philippines	✓	✓ (low)	None	rarely	Least Concern	Unknown	2015	10	Lower risk				
Actinopteri	Gobiiformes	Gobiidae	Trimma	<i>Trimma caudimaculatum</i>	Blotch-tailed pygmygoby	10	Australia; Indonesia; Japan; Maldives; Papua New Guinea; Philippines; Ryukyu Is.; Solomon Is.; Taiwan; Timor-Leste	✓	✓ (low)	No data	rarely	not assessed	not assessed	not assessed	2015	10	Lower risk			
Actinopteri	Gobiiformes	Gobiidae	Trimma	<i>Trimma flavistratum</i>	Whisp pygmygoby	11	Australia; Fiji; Indonesia; Japan; Micronesia; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Solomon Is.	✓		No data	rarely	Least Concern	Stable	2015	10	-				
Actinopteri	Gobiiformes	Gobiidae	Trimma	<i>Trimma macrocephalum</i>	Large-eyed pygmygoby	16	Australia; Christmas I.; Cocos Is. (Keel); Fiji; Indonesia; Japan; Maldives; Mozambique; Palau; Papua New Guinea; Philippines; Solomon Is.; South Africa; Taiwan; Timor-Leste; Tonga	✓	✓ (low)	No data	rarely	Least Concern	Unknown	2015	10	Lower risk				
Actinopteri	Gobiiformes	Gobiidae	Trimma	<i>Trimma naidi</i>	Naidi's pygmygoby	23	Seychelles; Taiwan; Thailand; Viet Nam	✓		No data	commercial	Least Concern	Unknown	2017	10	Lower risk				
Actinopteri	Gobiiformes	Gobiidae	Trimma	<i>Trimma nasa</i>	Red-lined pygmygoby	4	Indonesia; Japan; New Caledonia; Ryukyu Is.	✓		No data	rarely	Least Concern	Unknown	2015	10	-				
Actinopteri	Gobiiformes	Gobiidae	Trimma	<i>Trimma praecuratum</i>	Eqgstrate pygmygoby	6	Fiji; Indonesia; Micronesia; Palau; Papua New Guinea; Solomon Is.	✓		No data	rarely	Least Concern	Stable	2015	10	-				
Actinopteri	Gobiiformes	Gobiidae	Trimma	<i>Trimma rubronotatum</i>	Red-spotted pygmygoby	8	Indonesia; Papua New Guinea; Philippines; Solomon Is.; Timor-Leste	✓	✓ (low)	None	rarely	Least Concern	Unknown	2020	10	Lower risk				
Actinopteri	Gobiiformes	Gobiidae	Trimma	<i>Trimma stobbi</i>	Stobbi's pygmygoby	10	Viet Nam	✓		No data	rarely	Least Concern	Stable	2015	10	-				
Actinopteri	Gobiiformes	Gobiidae	Trimma	<i>Trimma striatum</i>	Red-lined pygmygoby	9	Andaman Is.; Australia; Fiji; Indonesia; Maldives; New Caledonia; Palau; Papua New Guinea; Philippines	✓		Rare	commercial	Least Concern	Unknown	2019	10	Lower risk				
Actinopteri	Gobiiformes	Gobiidae	Trimma	<i>Trimma teyateja</i>	Tevaeja pygmygoby	6	Indonesia; Malaysia; Papua New Guinea; Philippines; Solomon Is.; Timor-Leste	✓	✓ (Very low)	None	commercial	Least Concern	Unknown	2015	10	Lower risk				
Actinopteri	Acanthuriformes	Epiplatidae	Tripteron	<i>Tripteron orbis</i>	African spadefish	8	Andaman Is.; India; Kenya; Mozambique; Oman; Somalia; South Africa; Tanzania	✓		No data	rarely	not assessed	not assessed	not assessed	54.36	Moderate risk				
Actinopteri	Gobiiformes	Gobiidae	Trypanolepis	<i>Trypanolepis celata</i>	Celata's fanerygoby	8	Indonesia; Japan; Malaysia; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Timor-Leste	✓	✓ (low)	None	rarely	Least Concern	Unknown	2020	13	Lower risk				
Actinopteri	Gobiiformes	Gobiidae	Trypanolepis	<i>Trypanolepis longipes</i>	Longfin fanerygoby	2	Indonesia; Papua New Guinea	✓		No data	rarely	Data Deficient	Unknown	2020	10	-				
Actinopteri	Belontiiformes	Belontiidae	Tylosurus	<i>Tylosurus crocoides</i>	Hound needlefish	American Samoa; Andaman Is.; Angola; Antigua Barbuda; Arabu; Ascension I.; Australia; Bahamas; Bahrain; Barbados; Belize; Brazil; Cameroon; Cape Verde; Cayman Is.; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Colombia; Comoros; Cook Is.; Cuba; Cura��o I.; Dominica; Dominican Rp; Ecuador; Eq Guinea; Fiji; French Guiana; French Polynesia; Grenada; Guadeloupe; Guinea; Guyana; Haiti; Hawaii; Hong Kong; India; Indonesia; Iran; Iraq; Jamaica; Japan; Kenya; Korea (South); Korea; Liberia; Madagascar; Malaysia; Maldives; Marshall Is.; Martinique; Mauritania; Mauritius; Mayotte; Mexico; Micronesia; Montserrat; Mozambique; Myanmar; New Caledonia; Niue; North Mariana; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Pitcairn; Qatar; R��union; Rodriguez; Samoa; Sao Tome Prince; Saudi Arabia; Senegal; Seychelles; Somalia; South Africa; St Kitts Nevis; St Lucia; St Vincent Gren.; Suriname; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Trinidad Tobago; Turks Caicos Is.; Tuvalu; United Arab Em.; USA; Venezuela; Viet Nam; Virgin Is. (UK); Virgin Is. (US); Wallis Futuna	✓		No data	rarely	Least Concern	Unknown	2012	47.31	Lower risk					
Actinopteri	Mulliformes	Mullidae	Upenus	<i>Upenus subpurpureus</i>	Sulphur goatfish	45	Nam; Yemen	✓		No data	commercial	Least Concern	Stable	2015	15.4	-				
Actinopteri	Mulliformes	Mullidae	Upenus	<i>Upenus tragula</i>	Freckled goatfish	30	Singapore; Socotra Arch.; Taiwan; Thailand; Timor-Leste; United Arab Em.; Vanuatu; Viet Nam	✓		No data	commercial	Least Concern	Unknown	2015	16.67	Lower risk				
Actinopteri	Mulliformes	Mullidae	Upenus	<i>Upenus vittatus</i>	Yellow-striped goatfish	American Samoa; Andaman Is.; Australia; Bahrain; China; Cook Is.; Djibouti; Egypt; Fiji; French Polynesia; Guam; Hong Kong; India; Indonesia; Iraq; Japan; Kenya; Kuwait; Madagascar; Malaysia; Maldives; Marquesas Is.; Mauritius; Micronesia; Mozambique; Myanmar; New Caledonia; North Mariana; Pakistan; Palau; Papua New Guinea; Philippines; Qatar; R��union; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Somalia; South Africa; Sri Lanka; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; United Arab Em.; Viet Nam; Wallis Futuna	✓		No data	commercial	Least Concern	Unknown	2015	25.13	Lower risk					
Actinopteri	Perciformes/UranoSCOPOIDEI	Uranoscopidae	Uranoscopus	<i>Uranoscopus bicornis</i>	Markled stargazer	10	Australia; Indonesia; Japan; Korea (North); Korea (South); Malaysia; Palau; Philippines; Ryukyu Is.; Taiwan	✓		No data	commercial	Least Concern	not assessed	not assessed	not assessed	31.9	-			
Elasmobranchii	Myliobiformes	Urotrygonidae	Urotrypis	<i>Urotrypis jamaicensis</i>	Yellow stingray	Anguilla; Antigua Barbuda; Arabu; Bahamas; Barbados; Cayman Is.; Colombia; Cuba; Cura��o I.; Dominica; Dominican Rp; Grenada; Guadeloupe; Haiti; Jamaica; Martinique; Montserrat; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Trinidad Tobago; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (Very low)	No data	public aquariums	Least Concern	Stable	2019	68.14	Lower risk					

Non-CITES-listed marine ornamental fish species (n=2105), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Taxonomy						Range States		Evidence of species in international trade				Extinction risk/vulnerability					
Class	Order	Family	Genus	Species	Common Name	No of native range States	List of native range States	Evidence of species in International trade	Species imported in EU and/or US (% Imports)	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Red List year of assessment	Vulnerability (FishBase)	Likelihood of threat from International Trade	
Actinopteri	Anguilliformes	Muraenidae	Uropterygius	Uropterygius concolor	Unicolor snake moray	1	Australia American Samoa; Andaman Is.; Australia; Caroline I.; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); French Polynesia; Guam; India; Indonesia; Japan; Kenya; Kiribati; Madagascar; Maldives; Marquesas Is.; Mauritius; Micronesia; Mozambique; New Caledonia; Palau; Papua New Guinea; Philippines; R�union; Ryukyu Is.; Samoa; Somalia; South Africa; Sri Lanka; Taiwan; Thailand; Tonga; Viet Nam	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2011	40.85	Moderate risk	
Actinopteri	Anguilliformes	Muraenidae	Uropterygius	Uropterygius macrocephalus	Needle-tooth moray	1	Tonga, NA	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2011	38	-	
Actinopteri	Gobiiformes	Gobiidae	Valenciennia	Valenciennia albyi	Aller's goby	1	Australia	✓	✓ (low)	No data	Unspecified	Least Concern	Unknown	2020	15.77	Unknown	
Actinopteri	Gobiiformes	Gobiidae	Valenciennia	Valenciennia bella	Bella goby	3	Indonesia; Philippines; Ryukyu Is.	✓	✓ (low)	No data	Unspecified	Least Concern	Unknown	2020	15.01	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Valenciennia	Valenciennia helsdingeni	Twostripe goby	23	Australia; Christmas I.; Cocos Is. (Keel); French Polynesia; Indonesia; Japan; Maldives; Marquesas Is.; Mauritius; Mozambique; New Caledonia; Oman; Palau; Papua New Guinea; Philippines; R�union; Seychelles; Socotra Arch.; Solomon Is.; South Africa; Timor-Leste; Yemen; NA	✓	✓ (low)	None	commercial	Least Concern	Unknown	2015	31.97	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Valenciennia	Valenciennia immaculata	Red-lined sleeper	8	Australia; China; Hong Kong; Indonesia; Macau; Philippines; Taiwan; Tonga	✓	✓ (low)	No data	commercial	Least Concern	not assessed	2022	23.16	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Valenciennia	Valenciennia longipinnis	Long-finned goby	17	Andaman Is.; Australia; China; Fiji; Indonesia; Japan; Micronesia; New Caledonia; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Taiwan; Timor-Leste; Tonga; Vanuatu; Viet Nam	✓	✓ (Very low)	No data	commercial	Least Concern	Unknown	2020	32.92	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Valenciennia	Valenciennia muralis	Mural goby	20	Australia; China; Fiji; Hong Kong; India; Indonesia; Japan; Malaysia; Micronesia; Myanmar; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Singapore; Solomon Is.; Taiwan; Thailand; Timor-Leste; Vanuatu	✓	✓ (low)	None	commercial	Least Concern	Stable	2017	10	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Valenciennia	Valenciennia parvica	Small goby	6	Bahrain; Kuwait; Oman; Qatar; Saudi Arabia; United Arab Em.	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2017	23.43	Unknown	
Actinopteri	Gobiiformes	Gobiidae	Valenciennia	Valenciennia puellaris	Maiden goby	37	American Samoa; Andaman Is.; Australia; Cargados Carajos; Chagos Is.; Comoros; Fiji; Guam; Indonesia; Israel; Japan; Jordan; Madagascar; Maldives; Marshall Is.; Mauritius; Micronesia; New Caledonia; North Marianas; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Samoa; Seychelles; Singapore; Socotra Arch.; Solomon Is.; Sri Lanka; Taiwan; Thailand; Timor-Leste; Tonga; Vanuatu; Viet Nam; Yemen	✓	✓ (moderate)	None	commercial	Least Concern	Unknown	2015	34.69	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Valenciennia	Valenciennia randalli	Greenband goby	10	Australia; Indonesia; Malaysia; New Caledonia; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Singapore; Solomon Is.	✓	✓ (low)	No data	Unspecified	Least Concern	Unknown	2020	39.68	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Valenciennia	Valenciennia sequattata	Sixspot goby	46	American Samoa; Andaman Is.; Australia; Bahrain; Cargados Carajos; Chagos Is.; Christmas I.; Cook Is.; Eritrea; Fiji; India; Indonesia; Japan; Kenya; Kiribati; Kuwait; Madagascar; Malaysia; Maldives; Marshall Is.; Micronesia; Mozambique; Myanmar; New Caledonia; Oman; Palau; Papua New Guinea; Philippines; Qatar; R�union; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Solomon Is.; Sri Lanka; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuvalu; United Arab Em.; Vanuatu; Viet Nam	✓	✓ (moderate)	None	commercial	Least Concern	Unknown	2017	23.86	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Valenciennia	Valenciennia striolata	Blueband goby	45	American Samoa; Andaman Is.; Australia; Caroline I.; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Comoros; Cook Is.; Fiji; French Polynesia; Guam; India; Indonesia; Japan; Kenya; Kiribati; Lord Howe I.; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Micronesia; New Caledonia; North Marianas; Palau; Papua New Guinea; Philippines; R�union; Ryukyu Is.; Samoa; Seychelles; Solomon Is.; South Africa; Sri Lanka; Tahiti; Taiwan; Tanzania; Timor-Leste; Tokelau; Tonga; Tuamotu Is.; Vanuatu; Viet Nam	✓	✓ (moderate)	None	commercial	Least Concern	Unknown	2017	10	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Valenciennia	Valenciennia wardi	Ward's sleeper	15	Andaman Is.; Australia; China; Hong Kong; Indonesia; Japan; Maldives; Papua New Guinea; Philippines; Seychelles; Sudan; Taiwan; Tanzania; Thailand; Viet Nam	✓	✓ (moderate)	None	commercial	Least Concern	Unknown	2015	29.45	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Vanderhorstia	Vanderhorstia ambano	Ambano prawn-goby	20	Tonga	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2015	23.16	-	
Actinopteri	Gobiiformes	Gobiidae	Vanderhorstia	Vanderhorstia mertensii	Mertens prawn-goby	6	Australia; Chagos Is.; Cocos Is. (Keel); Egypt; French Polynesia; Guam; Indonesia; Japan; Lord Howe I.; Maldives; Marshall Is.; Micronesia; Mozambique; Ogasawara Is.; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; South Africa; Tonga	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2017	20.43	-	
Actinopteri	Gobiiformes	Gobiidae	Vanderhorstia	Vanderhorstia ornatisima	Ornate prawn-goby	23	Saudi Arabia; Seychelles; South Africa; Tonga	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2015	15.01	-	
Actinopteri	Perciformes/Serranoidae	Serranidae	Variola	Variola louti	Yellow-edged tyrrel	1	American Samoa; Andaman Is.; Australia; Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Comoros; Cook Is.; Djibouti; Egypt; Eritrea; Fiji; French Polynesia; Guam; Hong Kong; India; Indonesia; Japan; Jordan; Kenya; Kiribati; Lord Howe I.; Madagascar; Maldives; Marquesas Is.; Marshall Is.; Mauritius; Mayotte; Micronesia; Mozambique; New Caledonia; Niue; North Marianas; Ogasawara Is.; Oman; Palau; Papua New Guinea; Philippines; Pitcairn; R�union; Rodrigues; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Socotra Arch.; Somalia; South Africa; Sri Lanka; Sudan; Taiwan; Tanzania; Tuamotu Is.; Tonga; Tuvalu; United Arab Em.; Vanuatu; Viet Nam; Wake I.; Wallis Futuna; Yemen	✓	✓ (Very low)	None	commercial	Least Concern	Stable	2016	48.64	Lower risk	
Actinopteri	Esperacaria	Labridae	Wetmorella	Wetmorella albifasciata	Whitetailed sharpnose wrasse	23	Tahiti; Taiwan; Tanzania; Tonga	✓	✓ (low)	No data	Unspecified	Least Concern	Unknown	2009	11.03	Lower risk	
Actinopteri	Esperacaria	Labridae	Wetmorella	Wetmorella nigropinnata	Sharpnose wrasse	42	Yemen	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2009	14.21	Lower risk	
Actinopteri	Esperacaria	Labridae	Wetmorella	Wetmorella tanakai	Tanaka's wrasse	2	Indonesia; Philippines	✓	✓ (low)	No data	rarely	Data Deficient	Unknown	2009	10	Lower risk	
Actinopteri	Tetraodonformes	Balistidae	Xanichtichthys	Xanichtichthys auranginatus	Gilded triggerfish	25	Chagos Is.; China; Christmas I.; Cocos Is. (Keel); Fiji; French Polynesia; Guam; Hawaii; Indonesia; Japan; Maldives; Marshall Is.; Mauritius; Micronesia; New Caledonia; North Marianas; Palau; Philippines; R�union; Ryukyu Is.	✓	✓ (low)	None	commercial	Least Concern	not assessed	2022	29.77	Lower risk	
Actinopteri	Tetraodonformes	Balistidae	Xanichtichthys	Xanichtichthys greeni	Green's triggerfish	1	Kiribati	✓	✓ (Very low)	No data	rarely	Data Deficient	not assessed	2022	29.77	Lower risk	
Actinopteri	Tetraodonformes	Balistidae	Xanichtichthys	Xanichtichthys mento	Redtail triggerfish	19	Chile; Clipperton I.; Cocos I. (C.R.); Colombia; Cook Is.; Easter I.; Fiji; French Polynesia; Galapagos Is.; Hawaii; Japan; Mexico; Midway Is.; Ogasawara Is.; Pitcairn; Revillagigedo; Ryukyu Is.; USA; Wake I.	✓	✓ (Very low)	Captive bred (not for retail)	commercial	Least Concern	Unknown	2009	31.03	Moderate risk	
Actinopteri	Tetraodonformes	Balistidae	Xanichtichthys	Xanichtichthys ringens	Sargassum triggerfish	28	Anguilla; Antigua Barbuda; Aruba; Bahamas; Barbados; Belize; Bermuda; Brazil; Cayman Is.; Cuba; Cura�ao I.; Dominican Republic; Grenada; Guadeloupe; Haiti; Jamaica; Martinique; Montserrat; Puerto Rico; St Kitts Nevis; St Lucia; St Vincent Gren.; Trinidad Tobago; Turks Caicos Is.; USA; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (low)	None	commercial	Least Concern	Stable	2011	26.63	Lower risk	
Actinopteri	Esperacaria	Labridae	Xenofila	Xenofila margaritacea	Pinkspotted wrasse	5	Australia; Indonesia; Papua New Guinea; Philippines; Ryukyu Is.	✓	✓ (low)	No data	commercial	Least Concern	not assessed	not assessed	not assessed	22.42	-
Actinopteri	Esperacaria	Labridae	Xyrichtys	Xyrichtys maritimensis	Rosy razorfish	12	Bahamas; Belize; Brazil; Cuba; Cura�ao I.; Martinique; Mexico; Puerto Rico; USA; Venezuela; Virgin I. (UK); Virgin Is. (US)	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2009	24.31	-	
Actinopteri	Esperacaria	Labridae	Xyrichtys	Xyrichtys novacula	Pearly razorfish	59	Turkey; Turks Caicos Is.; USA; Venezuela; Virgin Is. (UK); Virgin Is. (US)	✓	✓ (low)	No data	commercial	Least Concern	Stable	2008	36.27	Moderate risk	
Actinopteri	Esperacaria	Labridae	Xyrichtys	Xyrichtys splendens	Green razorfish	12	Is. (US)	✓	✓ (low)	No data	commercial	Least Concern	Unknown	2009	26.31	Lower risk	
Actinopteri	Gobiiformes	Gobiidae	Yongeleichthys	Yongeleichthys cniger	Spotfin goby	9	Andaman Is.; India; Indonesia; Japan; Kuwait; Philippines; Taiwan; Thailand; Tonga	✓	✓ (Very low)	No data	rarely	Least Concern	Unknown	not assessed	not assessed	29.45	Lower risk
Actinopteri	Acanthuriformes	Zanclusidae	Zanclus	Zanclus cornutus	Moonthid doli	66	Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Vanuatu; Viet Nam; Wake I.; Yemen	✓	✓ (low)	None	commercial	Least Concern	Stable	2015	11.94	Lower risk	
Actinopteri	Acanthuriformes	Acanthuridae	Zebrasmia	Zebrasmia desjardini	Indian sail-fin surgeonfish	27	South Africa; Sri Lanka; Sudan; Tanzania; Thailand; Yemen	✓	✓ (moderate)	None	rarely	Least Concern	Stable	2010	32.64	Moderate risk	
Actinopteri	Acanthuriformes	Acanthuridae	Zebrasmia	Zebrasmia flavescens	Yellow tang	16	Palau; Philippines; Ryukyu Is.; Taiwan; Viet Nam; Wake I.	✓	✓ (moderate)	Common	commercial	Least Concern	Stable	2010	34.75	Moderate risk	
Actinopteri	Acanthuriformes	Acanthuridae	Zebrasmia	Zebrasmia gemmatum	Spotted tang	6	Comoros; Madagascar; Mauritius; Mozambique; R�union; South Africa	✓	✓ (low)	None	commercial	Data Deficient	Unknown	2010	22.82	Lower risk	
Actinopteri	Acanthuriformes	Acanthuridae	Zebrasmia	Zebrasmia rostratum	Longnose surgeonfish	10	Tuamotu Is.	✓	✓ (low)	None	Data Deficient	Unknown	2010	22.09	Lower risk		
Actinopteri	Acanthuriformes	Acanthuridae	Zebrasmia	Zebrasmia scopas	Twotone tang	48	Tahiti; Taiwan; Tanzania; Thailand; Timor-Leste; Tonga; Tuamotu Is.; Vanuatu; Viet Nam	✓	✓ (moderate)	None	commercial	Least Concern	Stable	2010	66.27	Moderate risk	
Actinopteri	Acanthuriformes	Acanthuridae	Zebrasmia	Zebrasmia velifer	Sailfin tang	38	Socotra Arch.; Tahiti; Taiwan; Timor-Leste; Tonga; Tuamotu Is.; Vanuatu; Viet Nam; Wake I.	✓	✓ (moderate)	No data	commercial	not assessed	not assessed	not assessed	36.94	Moderate risk	

Non-CITES-listed marine ornamental fish species (n=2105), their native range States, extinction risk, vulnerability to harvest pressure and whether there was evidence of them in international trade. Taxonomy follows that used by FishBase. Information on the data sources are provided in the

Taxonomy						Range States		Extinction risk/ vulnerability								
Class	Order	Family	Genus	Species	Common Name	No of native range States	List of native range States	Evidence of species in international trade	Species imported in EU and/or UK (% imports)	Evidence of captive-breeding	Demand for aquaria	Red List category	Red List population trend	Red List year of assessment	Vulnerability (FishBase)	Likelihood of threat from international trade
Actinopteri	Acanthuriformes	Acanthuridae	Zebrasoma	<i>Zebrazoma xanthurum</i>	Yellowtail tang	19	Bahrain; Djibouti; Egypt; Eritrea; India; Iraq; Israel; Jordan; Kuwait; Maldives; Oman; Qatar; Saudi Arabia; Socotra	✓	✓ (low)	Rare	commercial	Least Concern	Stable	2010	31.08	Moderate risk
Actinopteri	Pleuronectiformes	Soleidae	Zebrias	<i>Zebrias zebra</i>	Zebra sole	8	China; Hong Kong; Indonesia; Japan; Philippines; Taiwan; Thailand; Viet Nam	✓		No data	rarely	not assessed	not assessed	not assessed	27.47	Lower risk
Actinopteri	Kurtiliformes	Apogonidae	Zoramia	<i>Zoramia fragilis</i>	Fragile cardinalfish	17	Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Seychelles; Tonga; Wake I.			No data	public aquariums	Least Concern	not assessed	2022	10	-
Actinopteri	Kurtiliformes	Apogonidae	Zoramia	<i>Zoramia gilberti</i>	Gilbert's cardinalfish	12	Australia; Indonesia; Japan; Malaysia; Micronesia; New Caledonia; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Solomon Is.; Taiwan			No data	commercial	Least Concern	not assessed	2022	10	-
Actinopteri	Kurtiliformes	Apogonidae	Zoramia	<i>Zoramia leptacantha</i>	Threadfin cardinalfish	26	Andaman Is.; Australia; Chagos Is.; Cocos Is. (Keel); Djibouti; Egypt; Fiji; Guam; India; Indonesia; Japan; Maldives; Marshall Is.; Micronesia; Mozambique; New Caledonia; North Marianas; Palau; Papua New Guinea; Philippines; Ryukyu Is.; Samoa; Saudi Arabia; Seychelles; Sudan; Tonga	✓	✓ (moderate)	Common	commercial	not assessed	not assessed	not assessed	10	Lower risk

Key

Data field	Source of data	Data description/ considerations
Taxonomy	FishBase (version 02/2022) Accessible via https://www.fishbase.org	Baseline taxonomy follows the Catalog of Fishes (accessible via https://researcharchive.calacademy.org/research/ichthyology/catalog/fishcatmain.asp), which is considered the standard core taxonomy for fish
Range States (FishBase)		
Evidence of species in international trade	Evidence of international trade collated from trade databases, the scientific literature, consultation with industry stakeholders and stakeholder survey responses	The full methodology is detailed in Annex B
Species imported in EU and/or UK	Industry data provided by OATA (Ornamental Aquatic Trade Association) and ORI (Ornamental Fish International)	Relative cumulative percentage of EU/UK imports by total quantity: High = quantity within top 25%; Moderate = quantity within 25% - 75%; Low = quantity within 75.1% - 99%; Very Low = quantity within the lowest 1% (species each accounted for <0.01% of the total quantity of EU/UK imports of marine ornamental fish)
Evidence of captive-breeding	Evidence of captive breeding collated from data provided by European traders, marine ornamental fish breeders/hobbyists, US imports (2010-2021), UK fish shop surveys and general availability of captive-bred species in the literature.	The full methodology is detailed in Annex B
Demand for aquaria	FishBase (version 02/2022) Accessible via https://www.fishbase.org	Categories were defined by FishBase as: 'commercial' trade (fish found in aquarium shops globally, and considered to be in high demand); 'public aquaria' (fish shown in public aquaria that are considered usually too large or difficult to keep in private/home aquaria); or in 'potential' demand (fish that are considered small, attractive and easy to keep, but which do not yet appear to be in commercial levels of trade).
Red List category	The IUCN Red List of Threatened Species (version 2022-1) Accessible via https://www.iucnredlist.org	Not all species included in these analyses have been assessed by IUCN, and older assessments (e.g. >10 years old) may no longer represent the current conservation status of the species.
Red List population trend		
Red List year of assessment		
Vulnerability (FishBase)	FishBase (version 02/2022) Accessible via https://www.fishbase.org	An index of species' intrinsic vulnerability to extinction that provides a score of how vulnerable to extinction a species is likely to be along an arbitrary scale of 1 (low vulnerability) to 100 (very high vulnerability) based on biological, life history and ecological traits (maximum length, age at first maturity, longevity, von Bertalanffy growth parameter K, natural mortality rate, fecundity, strength of spatial behaviour, and geographic range) and following methods developed by Cheung et al. (2005)
Likelihood of threat from international trade	The IUCN Red List of Threatened Species and FishBase	The full methodology is detailed in Thematic Study 2

The proportion of marine ornamental fish found in international trade by family, ranked by the number of marine ornamental species in trade. Taxonomy follows that used by FishBase. Methods for identifying fish as marine ornamental species and evidence for international trade are detailed in Annex B.

Only families containing at least one marine ornamental fish species are included.

Family	No of species in family	No of marine ornamental species	No of marine ornamental species in trade	% marine ornamental species in trade	Summary of traded marine ornamental species that can be captively bred
Labridae	473	319	266	83.4	Rare:4; Not for retail:4; None:129
Pomacentridae	393	200	181	90.5	Common:17; Moderate:6; Rare:9; Not for retail:28; None:21
Gobiidae	647	198	135	68.2	Common:11; Moderate:6; Rare:6; Unknown levels:1; Not for retail:12; None:36
Serranidae	338	129	108	83.7	Common:1; Moderate:1; Rare:5; Unknown levels:1; Not for retail:7; None:40
Chaetodontidae	126	122	108	88.5	Rare:1; Not for retail:3; None:54
Blenniidae	225	114	67	58.8	Common:5; Moderate:2; Rare:2; Not for retail:6; None:14
Pomacanthidae	89	84	79	94	Common:2; Moderate:8; Rare:15; Not for retail:17; None:19
Acanthuridae	83	70	66	94.3	Common:1; Rare:6; None:38
Apogonidae	265	59	46	78	Common:6; Rare:1; Not for retail:2; None:1
Scaridae	95	52	29	55.8	None:3
Pseudochromidae	128	44	36	81.8	Common:9; Moderate:3; Not for retail:15; None:3
Tetraodontidae	64	44	34	77.3	Rare:1; Not for retail:2; None:13
Muraenidae	117	40	36	90	Rare:2; None:10
Scorpaenidae	87	36	33	91.7	Rare:8; None:7
Haemulidae	71	33	27	81.8	Moderate:4; Not for retail:1; None:3
Syngnathidae	113	31	21	67.7	Moderate:4; Not for retail:5; None:1
Balistidae	37	28	27	96.4	Rare:1; Not for retail:3; None:16
Holocentridae	73	28	26	92.9	None:1
Monacanthidae	64	28	24	85.7	Common:1; Not for retail:1; None:5
Lutjanidae	87	20	17	85	Rare:1; None:3
Siganidae	29	19	18	94.7	Moderate:1; Rare:1; Not for retail:2; None:7
Ostraciidae	19	18	18	100	Rare:1; Not for retail:1; None:4
Antennariidae	30	16	10	62.5	None:3
Mullidae	47	16	12	75	Unknown levels:1; None:3
Cirrhitidae	25	15	15	100	None:8
Plesiopidae	35	15	11	73.3	Common:2; Moderate:1; Rare:1; Not for retail:1; None:1
Callionymidae	32	14	9	64.3	Common:4; Not for retail:1; None:1
Carangidae	77	14	14	100	Common:1; Moderate:1; None:1
Opistognathidae	35	14	11	78.6	Not for retail:2; None:4
Labrisomidae	61	12	6	50	
Sebastidae	17	12	12	100	None:3
Malacanthidae	14	11	11	100	None:8
Chaenopsidae	65	10	5	50	None:3
Pinguipedidae	24	10	10	100	
Diodontidae	13	8	8	100	Not for retail:1; None:4
Ephippidae	12	8	7	87.5	Moderate:2; Rare:1; Not for retail:2
Priacanthidae	16	8	6	75	None:1
Scyllorhinidae	13	8	5	62.5	Not for retail:1; None:1
Dasyatidae	18	7	3	42.9	Rare:1; None:2
Grammatidae	7	7	5	71.4	Moderate:1; Rare:1; Not for retail:1; None:2
Hemiscylliidae	13	7	5	71.4	Common:3; Not for retail:1
Sciaenidae	24	7	6	85.7	Moderate:1; Not for retail:3
Ophichthidae	59	6	6	100	None:2
Tetrarogidae	15	6	5	83.3	None:1
Carcharhinidae	28	5	3	60	Moderate:1; None:1
Nemipteridae	33	5	5	100	None:1
Bothidae	10	4	4	100	None:1
Centriscidae	4	4	3	75	Common:1
Congridae	21	4	3	75	None:2
Microcanthidae	5	4	3	75	None:1
Oxudercidae	7	4	3	75	
Pempheridae	43	4	2	50	None:1
Solenostomidae	6	4	4	100	None:1
Sparidae	42	4	4	100	
Synanceiidae	10	4	4	100	None:2
Tripterygiidae	81	4	0	0	
Anomalopidae	4	3	2	66.7	Rare:1
Caesionidae	20	3	3	100	
Heterodontidae	5	3	3	100	None:1
Kyphosidae	12	3	2	66.7	
Latridae	14	3	2	66.7	
Monodactylidae	3	3	3	100	Common:1; Moderate:1
Ogcocephalidae	10	3	3	100	None:1
Pegasidae	3	3	3	100	None:1
Soleidae	30	3	3	100	None:1
Aulostomidae	2	2	2	100	None:1
Batrachoididae	14	2	2	100	Not for retail:1
Clinidae	7	2	2	100	
Dactylopteridae	2	2	2	100	Common:1
Drepaneidae	2	2	0	0	
Fistulariidae	3	2	2	100	
Ginglymostomatidae	3	2	2	100	None:1
Gobiesocidae	33	2	2	100	Not for retail:1; None:1
Monocentridae	2	2	2	100	None:1
Mugilidae	14	2	0	0	
Myliobatidae	3	2	0	0	
Narcinidae	3	2	1	50	
Odacidae	2	2	0	0	
Oplegnathidae	6	2	2	100	
Orectolobidae	6	2	2	100	None:1
Rhinopteridae	3	2	1	50	
Sphyrnidae	14	2	2	100	
Synodontidae	24	2	2	100	
Torpedinidae	5	2	2	100	None:1
Triakidae	3	2	2	100	None:1
Trichonotidae	3	2	1	50	
Triglidae	6	2	1	50	
Achiiridae	1	1	1	100	
Aetobatidae	1	1	1	100	None:1
Ariidae	3	1	1	100	
Belonidae	14	1	1	100	
Butidae	3	1	1	100	
Bythitidae	20	1	1	100	Not for retail:1
Carchariidae	1	1	1	100	None:1

The proportion of marine ornamental fish found in international trade by family, ranked by the number of marine ornamental species in trade. Taxonomy follows that used by FishBase. Methods for identifying fish as marine ornamental species and evidence for international trade are detailed in Annex B.

Only families containing at least one marine ornamental fish species are included.

Family	No of species in family	No of marine ornamental species	No of marine ornamental species in trade	% marine ornamental species in trade	Summary of traded marine ornamental species that can be captively bred
Centrogenyidae	1	1	1	100	
Cottidae	4	1	1	100	
Cynoglossidae	10	1	0	0	
Dactyloscopidae	3	1	0	0	
Dichistiidae	1	1	1	100	
Dinematchthyidae	76	1	1	100	None:1
Echeneidae	3	1	1	100	Rare:1
Eleotridae	11	1	0	0	
Enoplosidae	1	1	1	100	None:1
Girellidae	9	1	1	100	
Kuhliidae	3	1	1	100	Not for retail:1
Lethrinidae	38	1	0	0	
Lobotidae	1	1	1	100	
Megalopidae	1	1	1	100	Common:1
Nototheniidae	1	1	1	100	
Pentacerotidae	4	1	0	0	
Pholidichthyidae	2	1	1	100	Not for retail:1
Platycephalidae	25	1	1	100	
Pleuronectidae	1	1	1	100	
Plotosidae	4	1	1	100	Not for retail:1
Polynemidae	3	1	0	0	
Rachycentridae	1	1	1	100	
Scatophagidae	1	1	1	100	Common:1
Scorpididae	4	1	1	100	
Spratelloididae	6	1	1	100	
Stegostomatidae	1	1	1	100	Rare:1
Terapontidae	4	1	1	100	
Uranoscopidae	3	1	0	0	
Urotrygonidae	1	1	1	100	
Zanclidae	1	1	1	100	None:1