

CONVENTION ON INTERNATIONAL TRADE IN ENDANGERED SPECIES
OF WILD FAUNA AND FLORA



Twenty-third meeting of the Animals Committee
Geneva, (Switzerland), 19-24 April 2008

REVIEW OF THE USE OF SOURCE CODE 'R'

1. This document has been prepared by the Secretariat.
2. Decision 14.52 directs the Animals and Plants Committees to:
 - a) *review the CITES trade data maintained by the UNEP World Conservation Monitoring Centre [UNEP-WCMC] to determine the species for which source code R has been used for trade, and the countries where this has occurred;*
 - b) *survey countries applying source code R to species other than crocodylians transferred from Appendix I to Appendix II subject to ranching, and obtain information on the management programme for the species to which this source code is applied;*
 - c) *review the literature on wildlife management for current information on management systems that would resemble ranching (i.e. primarily focused on the harvest of specimens representing early life stages for rearing in captivity) and identify common elements in these programmes;*
 - d) *based on this review, propose a definition of ranching and the use of source code R for CITES purposes; and*
 - e) *report at the 15th meeting of the Conference of the Parties on the implementation of this decision.*
3. This Decision derives from a suggestion made by the Animals and Plants Committees themselves in document CoP14 Doc. 38 following unsuccessful attempts, under Decision 13.68, to carry out a wider review of production systems.
4. The term ranching was first used in a CITES context at the third meeting of the Conference of the Parties (New Delhi, 1981), where the Conference adopted Resolution Conf. 3.15 on *Ranching*, which established special criteria for the transfer of populations from Appendix I to Appendix II for ranching purposes. This Resolution was repealed at the 10th meeting of the Conference of the Parties (Harare, 1997) by Resolution Conf. 10.18 on *Ranching and trade in ranched specimens*, which was itself repealed at the 11th meeting (Gigiri, 2000) by Resolution Conf. 11.16 on *Ranching and trade in ranched specimens of species transferred from Appendix I to Appendix II*. This Resolution was amended at the 14th meeting of the Conference of the Parties (The Hague, 2007) and is now Resolution Conf. 11.16 (Rev. CoP14). Ranching has been defined throughout these Resolutions as the 'rearing in a controlled environment of specimens taken from the wild'. From Resolution Conf. 10.18 onwards, the Parties added in the preambular text of the Resolutions that they were aware

that ranching of crocodylians on the basis of controlled collection of eggs or hatchlings could be potentially a valuable and positive conservation tool, whereas taking of wild adult animals needs stricter control.

5. The following crocodylian populations have been transferred from Appendix I to Appendix II following successful ranching proposals:

Population of	Species	CoP number and year of transfer from Appendix I to Appendix II
Argentina	<i>Caiman latirostris</i>	CoP10, 1997
Botswana	<i>Crocodylus niloticus</i>	CoP7, 1989
Cuba	<i>Crocodylus acutus</i>	CoP13, 2004
Ecuador	<i>Melanosuchus niger</i>	CoP9, 1994
Ethiopia	<i>Crocodylus niloticus</i>	CoP8, 1992
Indonesia	<i>Crocodylus porosus</i>	CoP9, 1994
Kenya	<i>Crocodylus niloticus</i>	CoP8, 1992
Madagascar	<i>Crocodylus niloticus</i>	CoP10, 1997
Malawi	<i>Crocodylus niloticus</i>	CoP7, 1989
Mozambique	<i>Crocodylus niloticus</i>	CoP7, 1989
South Africa	<i>Crocodylus niloticus</i>	CoP9, 1994
Uganda	<i>Crocodylus niloticus</i>	CoP10, 1997
Zambia	<i>Crocodylus niloticus</i>	CoP7, 1989
Zimbabwe	<i>Crocodylus niloticus</i>	CoP4, 1983

6. According to Resolution Conf. 12.3 (Rev. CoP14) on *Permits and certificates*, source code 'R' is to be applied to 'Specimens originating in a ranching operation', but the Resolution does not specifically link this to Resolution Conf. 11.16 (Rev. CoP14).
7. At the request of the Secretariat, UNEP-WCMC has provided printouts, derived from CITES annual reports, showing all exports of specimens of species with the source code declared as 'R', for the years 1991-2005. This information is presented in the Annexes to the present document.
8. The trade data provided by UNEP-WCMC show that source code 'R' has been used rather inconsistently by Parties for species other than crocodylians listed in paragraph 5. Repeated use by the same Party, for the same species, for a number of years, is the exception rather than the rule.
9. The Committees are invited to review countries which are using the source code 'R' and identify those doing so on a regular basis for species other than crocodylians transferred from Appendix I to Appendix II subject to ranching. The Secretariat will then seek information from these countries about the management programmes for such species. The Committees are also invited to decide how they will review the literature on wildlife management for current information on management systems that would resemble ranching (i.e. primarily focused on the harvest of specimens representing early life stages for rearing in captivity) and identify common elements in these programmes, so that at their next meetings they can agree a definition of ranching and the use of source code 'R' for CITES purposes which can be reported at the 15th meeting of the Conference of the Parties in compliance with Decision 14.52.

Direct exports of ranched material

Country	Taxon	App	Term	Unit	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
AR	<i>Caiman latirostris</i>	2	live										3			104			
AR	<i>Caiman latirostris</i>	2	small leather products												6	12		579	182
AR	<i>Caiman latirostris</i>	2	small leather products	kg													10.15		
AR	<i>Caiman latirostris</i>	2	small leather products	pairs												66			
AR	<i>Caiman latirostris</i>	2	skins												88	90	165	215	2752
AR	<i>Caiman latirostris</i>	2	skin pieces	kg												0.25			
AR	<i>Caiman latirostris</i>	2	skin pieces	skins												12.1			
AR	<i>Caiman yacare</i>	2	small leather products															1	
AR	<i>Caiman yacare</i>	2	leather products																106
AR	<i>Caiman yacare</i>	2	skins	pairs														1	1291
AR	<i>Caiman yacare</i>	2	specimens								2								
AU	<i>Crocodylus johnsoni</i>	2	belts																
AU	<i>Crocodylus johnsoni</i>	2	bodies						1										
AU	<i>Crocodylus johnsoni</i>	2	bodies	kg					48										
AU	<i>Crocodylus johnsoni</i>	2	garments								1								
AU	<i>Crocodylus johnsoni</i>	2	small leather products																
AU	<i>Crocodylus johnsoni</i>	2	meat	kg			590	730		18									
AU	<i>Crocodylus johnsoni</i>	2	skins				3875	1271	1943	1571	194	299							
AU	<i>Crocodylus johnsoni</i>	2	skin/leather items																
AU	<i>Crocodylus johnsoni</i>	2	skin pieces						24	34	1								
AU	<i>Crocodylus johnsoni</i>	2	skin pieces	kg				1		100	70								
AU	<i>Crocodylus johnsoni</i>	2	watchstraps																
AU	<i>Crocodylus porosus</i>	2	belts						14	7	100								
AU	<i>Crocodylus porosus</i>	2	bodies						1		2								
AU	<i>Crocodylus porosus</i>	2	bones	kg															
AU	<i>Crocodylus porosus</i>	2	carvings						3118	1520									
AU	<i>Crocodylus porosus</i>	2	claws																
AU	<i>Crocodylus porosus</i>	2	eggs																
AU	<i>Crocodylus porosus</i>	2	garments																
AU	<i>Crocodylus porosus</i>	2	handbags						4		15		1	124					

Country	Taxon	App	Term	Unit	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
AU	<i>Crocodylus porosus</i>	2	heads												21				
AU	<i>Crocodylus porosus</i>	2	live									2						2	
AU	<i>Crocodylus porosus</i>	2	large leather products											1					
AU	<i>Crocodylus porosus</i>	2	small leather products										684	1391	2614	5351	2980	7	1154
AU	<i>Crocodylus porosus</i>	2	meat						650		705	982				15			
AU	<i>Crocodylus porosus</i>	2	meat	g					5962	5761	1997	1544	0	576	209	2.5	10	65	163
AU	<i>Crocodylus porosus</i>	2	meat	kg		5352	2476				2								
AU	<i>Crocodylus porosus</i>	2	shoes	pairs						4	14			1	53	2		110	1
AU	<i>Crocodylus porosus</i>	2	skins				4293	3424	4953	6763	4088	6436	1848	5162	3493	2984	2112	1359	4022
AU	<i>Crocodylus porosus</i>	2	skins	backskins											108		640		997
AU	<i>Crocodylus porosus</i>	2	skins	bellyskins													1712		208
AU	<i>Crocodylus porosus</i>	2	skin/leather items						464	1125	1			43					
AU	<i>Crocodylus porosus</i>	2	skin pieces							516	507	132	6	4			80	6019	2277
AU	<i>Crocodylus porosus</i>	2	skulls							4			9	1	53	2		110	1
AU	<i>Crocodylus porosus</i>	2	specimens	g											500				
AU	<i>Crocodylus porosus</i>	2	specimens	ml					60										
AU	<i>Crocodylus porosus</i>	2	tails				12												
AU	<i>Crocodylus porosus</i>	2	teeth			2000	10				6	2002		5000	5000		480	3	2
AU	<i>Crocodylus porosus</i>	2	teeth	sets							1		1				500		
AU	<i>Crocodylus porosus</i>	2	trophies													337		1	2
AU	<i>Crocodylus porosus</i>	2	unspecified																
AU	<i>Crocodylus porosus</i>	2	wallets						4	12	3		126	487					
AU	<i>Crocodylus porosus</i>	2	watchstraps								5								
AU	<i>Ornithoptera chimaera</i>	2	bodies													4		6	
AU	<i>Ornithoptera goliath</i>	2	bodies									12		2		5	28		
AU	<i>Ornithoptera paradisea</i>	2	bodies									6					6		
AU	<i>Ornithoptera paradisea</i>	2	bodies																
AU	<i>Ornithoptera priamus</i>	2	bodies	pairs															
AU	<i>Ornithoptera priamus</i>	2	bodies																
AU	<i>Ornithoptera priamus</i>	2	bodies	pairs															
AU	<i>Ornithoptera priamus</i>	2	bodies																
AU	<i>euphorion</i>	2	bodies												5				
AU	<i>Ornithoptera richmondia</i>	2	bodies																
AU	<i>Ornithoptera rothschildi</i>	2	bodies									2							
AU	<i>Ornithoptera tithonus</i>	2	bodies																
AU	<i>Ornithoptera urvillianus</i>	2	bodies																
AU	<i>Ornithoptera victoriae</i>	2	bodies																
BI	<i>Stigmochelys pardalis</i>	2	live													2	16	80	
BI	<i>Chamaeleo ellioti</i>	2	live															250	
BI	<i>Chamaeleo johnstoni</i>	2	live															300	
BI	<i>Varanus niloticus</i>	2	live															250	100
BJ	<i>Geochelone sulcata</i>	2	live															100	69
BJ	<i>Kinixys belliana</i>	2	live								4867	7230	4655	857	915	598		745	
BJ	<i>Kinixys erosa</i>	2	live												100	25			

Country	Taxon	App	Term	Unit	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
BJ	<i>Kinixys homeana</i>	2	live								2355	3441	1570	1633	2790	2556		425	210
BJ	<i>Trionyx triunguis</i>	3	live								30	20	34	30	12				5
BJ	<i>Pelomedusa subrufa</i>	3	live								2125	4825	230	870	570	1386		112	815
BJ	<i>Pelusios niger</i>	3	live												420			110	15
BJ	<i>Uromastix acanthinura</i>	2	live												2100				
BJ	<i>Uromastix geyri</i>	2	live												450				100
BJ	<i>Chamaeleo gracilis</i>	2	live								4955	3849	2850	4320	5708			1390	600
BJ	<i>Chamaeleo senegalensis</i>	2	live								5677	4966	5101	4955	9009	9278		4340	2230
BJ	<i>Varanus exanthematicus</i>	2	live								9873	15696	14831	11920	10565			2010	1850
BJ	<i>Varanus niloticus</i>	2	live								7260	10150	8485	8675	6245	9747		3010	1400
BJ	<i>Python regius</i>	2	live								45060	70625	6870	65496	84510	97870		49047	46431
BJ	<i>Python regius</i>	2	skins								50								
BJ	<i>Python sebae</i>	2	live								986	790	1262	881	1616			330	200
BJ	<i>Python sebae</i>	2	skins												122	2500			
BJ	<i>Calabaria reinhardtii</i>	2	live									340				20		9	20
BJ	<i>Pandinus imperator</i>	2	live								16355	32395	22670	22140	12080	7645		8260	7800
CA	<i>Canis lupus</i>	2	bodies														1		
CA	<i>Canis lupus</i>	2	skins		1											1	9	4	
CA	<i>Canis lupus</i>	2	skulls													1	6	4	
CA	<i>Lynx canadensis</i>	2	bodies											2	1				
CA	<i>Lynx canadensis</i>	2	live		6		4											3	4
CA	<i>Lynx canadensis</i>	2	skins											2				3	7
CA	<i>Lynx canadensis</i>	2	skulls													4			
CA	<i>Lynx lynx</i>	2	live		43	10						2							1
CA	<i>Lynx lynx</i>	2	skins			22										3			
CA	<i>Lynx lynx</i>	2	skulls													3			
CA	<i>Lynx rufus</i>	2	garments						3										
CA	<i>Ammotragus levia</i>	2	trophies															2	1
CA	<i>Bison spp.</i>	1	live									36							
CA	<i>Bison bison hybrid</i>	1	live															16	
CA	<i>Bison bison hybrid</i>	2	live												4	12			
CA	<i>Bison bison athabascae</i>	2	horns													1			
CA	<i>Bison bison athabascae</i>	2	skins													3			
CA	<i>Bison bison athabascae</i>	2	skulls													1			
CA	<i>Bison bison athabascae</i>	2	trophies												2				
CA	<i>Rhea americana</i>	2	skins								16								
CA	<i>Anthropoides virgo</i>	2	live								2								
CA	<i>Crocodylus niloticus</i>	2	skins										6						
CA	<i>Crocodylus niloticus</i>	2	skin/leather items												1				
CA	<i>Acipenser fulvescens</i>	2	egg (live)														40000		
CA	<i>Acipenser fulvescens</i>	2	specimens														60		
CN	<i>Ailuropoda melanoleuca</i>	1	hair											130	4				
CN	<i>Ailuropoda melanoleuca</i>	1	specimens										820	65	320				
CN	<i>Ailuropoda melanoleuca</i>	1	specimens																96.52
CN	<i>Ailuropoda melanoleuca</i>	1	specimens										2.25		2.6				6
CN	<i>Ursus arctos</i>	2	derivatives			500													
CN	<i>Ursus arctos</i>	2	derivatives			5													

Country	Taxon	App	Term	Unit	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
CN	<i>Felis bieti</i>	2	skins													6			
CN	<i>Felis bieti</i>	2	specimens													2			
CN	<i>Felis manul</i>	2	hair													2			
CN	<i>Felis manul</i>	2	skins													8			
CN	<i>Felis manul</i>	2	specimens													10			
CN	<i>Felis silvestris</i>	2	skins													5			
CN	<i>Lynx lynx</i>	2	hair													1			
CN	<i>Lynx lynx</i>	2	skins													4			
CN	<i>Lynx lynx</i>	2	specimens													17			
CN	<i>Panthera tigris</i>	1	live		2														
CN	<i>Prionailurus bengalensis</i>	2	hair													3			
CN	<i>Prionailurus bengalensis</i>	2	skins													4			
CN	<i>Prionailurus bengalensis</i>	2	specimens													16			
CN	<i>Acipenser baerii</i>	2	live	kg													3000		
CN	<i>Acipenser schrenckii</i>	2	live	kg													1500	300	
CO	<i>Bothrops asper</i>	3	venom	g													3		
CO	<i>Crotalus durissus</i>	3	venom	g													6		6
CR	<i>Iguana iguana</i>	2	live							2006									
CU	<i>Phoenicopterus ruber</i>	2	live						2005		38	103	591	430	311	370	369	289	398
ET	<i>Crocodylus niloticus</i>	2	skins												42	59	1354	446	101
GH	<i>Geochelone sulcata</i>	2	live											252					
GH	<i>Kinixys homeana</i>	2	live															50	
GH	<i>Pelusios castaneus</i>	3	live															75	
GH	<i>Pelusios gabonensis</i>	3	live																
GH	<i>Chamaeleo gracilis</i>	2	live												400			25	
GH	<i>Varanus exanthematicus</i>	2	live															520	550
GH	<i>Varanus niloticus</i>	2	live															120	
GH	<i>Python regius</i>	2	live							17614	16294	25460	27583	29019	34063	41075	48010	55530	1E+05
GH	<i>Python sebae</i>	2	live							366	302	200	334	147	101	615	635	539	706
GH	<i>Gongylophis muelleri</i>	2	live																65
GH	<i>Pandinus imperator</i>	2	live															300	200
HN	<i>Amazona auropalliata</i>	1	live																1
HN	<i>Crocodylus acutus</i>	1	skins															197	51
HN	<i>Boa constrictor</i>	2	live																2060
HN	<i>Eunectes murinus</i>	2	live																6
HN	<i>Micrurus diastema</i>	2	live																5
HN	<i>Bothriechis schlegelii</i>	N	live																5
HN	<i>Crotalus durissus</i>	3	live																10
ID	<i>Crocodylus novaeguineae novaeguineae</i>	2	bodies																1
ID	<i>Crocodylus novaeguineae novaeguineae</i>	2	handbags										22						
ID	<i>Crocodylus novaeguineae novaeguineae</i>	2	live								126								
ID	<i>Crocodylus novaeguineae novaeguineae</i>	2	large leather products									25	10						

Country	Taxon	App	Term	Unit	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
ID	<i>Crocodylus novaeguineae</i>	2	small leather products								853	926	485	1296	4426	3221	1682	132	1943
ID	<i>Crocodylus novaeguineae</i>	2	meat	kg							72			10552					
ID	<i>Crocodylus novaeguineae</i>	2	skins								100	8506	6574	7215	8928	8586	5704	2415	2471
ID	<i>Crocodylus novaeguineae</i>	2	skins	backskins										4590					
ID	<i>Crocodylus novaeguineae</i>	2	teeth											10000					
ID	<i>Crocodylus porosus</i>	2	bodies										21						3
ID	<i>Crocodylus porosus</i>	2	handbags																
			small leather products																
ID	<i>Crocodylus porosus</i>	2	leather products										952	563	616		822	202	2101
ID	<i>Crocodylus porosus</i>	2	skins								150		1087	3072	3397	20	2485	3486	3755
ID	<i>Crocodylus porosus</i>	2	skins	backskins										1500					
ID	<i>Crocodylus porosus</i>	2	skins	bellyskins													2		
ID	<i>Crocodylus porosus</i>	2	skin pieces												2085				
ID	<i>Ornithoptera hybrid</i>	2	bodies							13	134								
ID	<i>Ornithoptera aesacus</i>	2	bodies							245	4					248	329	798	864
ID	<i>Ornithoptera chimaera</i>	2	bodies														3	80	316
ID	<i>Ornithoptera croesus</i>	2	bodies							1631	1274					892	874	2670	3930
ID	<i>Ornithoptera goliath</i>	2	bodies							2148	148			168	338	487	1553	1398	1674
ID	<i>Ornithoptera goliath samson</i>	2	bodies								980	499		622	169				
ID	<i>Ornithoptera goliath samson</i>	2	live								105	12	60	39					
ID	<i>Ornithoptera meridionalis</i>	2	bodies														314	348	516
ID	<i>Ornithoptera paradisea</i>	2	bodies							475	277	305	32	128	170	108	1354	982	1008
ID	<i>Ornithoptera paradisea</i>	2	live									2							
ID	<i>Ornithoptera priamus</i>	2	bodies							5049	1460			596	1709	1597	3753	5754	8089
ID	<i>Ornithoptera priamus</i>	2	live								100			200					1840
ID	<i>Ornithoptera priamus poseidon</i>	2	bodies								2078	1843	491	1761	302				
ID	<i>Ornithoptera priamus poseidon</i>	2	live								165	22	920	112					
ID	<i>Ornithoptera rothschildi</i>	2	bodies							1971	1292	715	228	1599	173	84	980	1000	1550
ID	<i>Ornithoptera rothschildi</i>	2	live									2							
ID	<i>Ornithoptera tithonus</i>	2	bodies							1456	591	400	65	486	216	171	582	599	769
ID	<i>Ornithoptera tithonus</i>	2	live								55	12	10	46					
ID	<i>Trogonoptera brookiana</i>	2	bodies															40	1135
ID	<i>Troides hybrid</i>	2	bodies							88									
ID	<i>Troides amphysus</i>	2	bodies							80	240					80	74	1310	1177
ID	<i>Troides cifton</i>	2	bodies							135								460	1252
ID	<i>Troides cuneifer</i>	2	bodies							65	140					162	383	697	580
ID	<i>Troides doheryi</i>	2	bodies							6	18					12			136
ID	<i>Troides haliphron</i>	2	bodies							120	520					216	235	1485	1480

Country	Taxon	App	Term	Unit	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
ID	<i>Troides helena</i>	2	bodies							180	380					500	1672	1100	1532
ID	<i>Troides helena</i>	2	live								100					100	1700	4300	2960
ID	<i>Troides hypolitus</i>	2	bodies							260	628					479	170	620	1092
ID	<i>Troides miranda</i>	2	bodies							9								42	58
ID	<i>Troides oblongomaculatus</i>	2	bodies							1841	790	84	1170	1300	709			640	896
ID	<i>Troides oblongomaculatus</i>	2	live							8	160	2	920	30		66	67	320	240
ID	<i>Troides plato</i>	2	bodies							87	101					94	204	193	54
ID	<i>Troides pratorum</i>	2	bodies							110									
ID	<i>Troides riedeli</i>	2	bodies							2								50	298
ID	<i>Troides vandepolli</i>	2	bodies										315	2300					
IT	<i>Acipenseriformes spp.</i>	2	bodies																
IT	<i>Acipenser baerii</i>	2	eggs																30000
IT	<i>Acipenser baerii</i>	2	eggs	kg										190000	50000			211.4	240.3
IT	<i>Acipenser baerii</i>	2	egg (live)																1E+05
IT	<i>Acipenser gueldenstaedtii</i>	2	eggs														10000	5000	
IT	<i>Acipenser gueldenstaedtii</i>	2	egg (live)																
IT	<i>Acipenser naccarii</i>	2	egg (live)											5000					20000
IT	<i>Acipenser transmontanus</i>	2	bodies											135	4554	100			
IT	<i>Acipenser transmontanus</i>	2	eggs																
IT	<i>Acipenser transmontanus</i>	2	eggs	kg						9				9		595.83	732.02	1195	1368
IT	<i>Acipenser transmontanus</i>	2	meat							8056						920	50		
IT	<i>Acipenser transmontanus</i>	2	meat	kg												1982.7	1957.6	2024	318.1
JM	<i>Cyclura collei</i>	1	live													70			
JM	<i>Cyclura collei</i>	1	specimens														52		
KE	<i>Malacocheirus tornieri</i>	2	live								250								
KE	<i>Stigmocheilus pardalis</i>	2	live															100	
KE	<i>Crocodylus niloticus</i>	2	live										907						
KE	<i>Crocodylus niloticus</i>	2	skins		500	3720	4258	100							4250				
KE	<i>Crocodylus niloticus</i>	2	skins	backskins							100								
KE	<i>Crocodylus niloticus</i>	2	skins	bellyskins							1325	200		3460		2400		2850	
KE	<i>Crocodylus niloticus</i>	2	specimens	ml										65000		10			
KR	<i>Acipenser ruthenus</i>	2	live																
KZ	<i>Falco cherrug</i>	2	live																
MG	<i>Cryptoprocta ferax</i>	2	live																
MG	<i>Crocodylus niloticus</i>	2	belts					6											
MG	<i>Crocodylus niloticus</i>	2	bodies						7	16	1	21	4	34	7	1	5		
MG	<i>Crocodylus niloticus</i>	2	eggs									1							
MG	<i>Crocodylus niloticus</i>	2	handbags						5	11									
MG	<i>Crocodylus niloticus</i>	2	small leather products																
MG	<i>Crocodylus niloticus</i>	2	oil																
MG	<i>Crocodylus niloticus</i>	2	shoes						1										
MG	<i>Crocodylus niloticus</i>	2	skins																
MG	<i>Crocodylus niloticus</i>	2	skin/leather items																
MG	<i>Crocodylus niloticus</i>	2	skulls																
MG	<i>Crocodylus niloticus</i>	2	wallets					2											

Country	Taxon	App	Term	Unit	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
MG	<i>Phelsuma laticauda</i>	2	live												855	125		99	
MG	<i>Phelsuma lineata</i>	2	live												810	115		90	
MG	<i>Phelsuma madagascariensis</i>	2	live												1692	150		70	
MG	<i>Phelsuma quadriocellata</i>	2	live												951	120		85	
MG	<i>Brookesia stumpffi</i>	2	live												1295	75		20	
MG	<i>Furcifer lateralis</i>	2	live												338	40		111	
MG	<i>Furcifer oustaleti</i>	2	live												3330	475		58	
MG	<i>Furcifer pardalis</i>	2	live						600						318	36		121	
MG	<i>Furcifer verrucosus</i>	2	live															29	
MG	<i>Mantella spp.</i>	2	live															40	
MG	<i>Mantella bernhardi</i>	2	live															80	
MG	<i>Mantella betsileo</i>	2	live															50	
MG	<i>Mantella cowani</i>	2	live															100	
MG	<i>Mantella expectata</i>	2	live															80	
MG	<i>Mantella madagascariensis</i>	2	live															150	
MG	<i>Mantella pulchra</i>	2	live															120	
MG	<i>Mantella viridis</i>	2	live															50	
MK	<i>Testudo hermanni</i>	2	live												642	1200	1200		
MU	<i>Crocodylus niloticus</i>	1	handbags								5								
MU	<i>Crocodylus niloticus</i>	1	heads												7				
MU	<i>Crocodylus niloticus</i>	1	small leather products								20	11							
MU	<i>Crocodylus niloticus</i>	2	skins				2036	1510	950										420
MW	<i>Crocodylus niloticus</i>	2	live		799												85		
MY	<i>Psittinus cyanurus</i>	2	live																
MY	<i>Python reticulatus</i>	2	live																
MZ	<i>Kinixys belliana</i>	2	live						590	100									
MZ	<i>Stigmochelys pardalis</i>	2	live						950	350								200	
MZ	<i>Crocodylus niloticus</i>	1	live							3400									
MZ	<i>Crocodylus niloticus</i>	1	skins							45									
MZ	<i>Crocodylus niloticus</i>	2	live				49		1100	1500									
MZ	<i>Crocodylus niloticus</i>	2	skins		2725	3164	1042	1042	3021	477	730	810	10000	49	477	293	5600	25000	24200
MZ	<i>Crocodylus niloticus</i>	2	skins												718	4792			834
MZ	<i>Crocodylus niloticus</i>	2	skins										183					2000	3671
MZ	<i>Crocodylus niloticus</i>	2	skins										408						329
MZ	<i>Crocodylus niloticus</i>	2	trophies						2										
NA	<i>Panthera leo</i>	1	live							5					1000				
NE	<i>Struthio camelus</i>	1	live																
NE	<i>Buteo magnirostris</i>	2	bodies							4									
NI	<i>Buteo platypterus</i>	2	bodies							1									
NI	<i>Igycer americanus</i>	2	bodies							3									
NI	<i>Micrastur ruficollis</i>	2	bodies							1									
NI	<i>Amazona albifrons</i>	2	bodies							2									
NI	<i>Amazona albifrons</i>	2	live				463	584	584	1198	1435	1137	1194	1265	894	781	259	1	
NI	<i>Amazona auropalliata</i>	1	live																
NI	<i>Amazona auropalliata</i>	2	bodies							4									
NI	<i>Amazona auropalliata</i>	2	live				643	926	926	819	854	755	794	661	583	60			

Country	Taxon	App	Term	Unit	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
NI	<i>Amazona autumnalis</i>	2	live					1759	459	2319	2662	2298	2285	2220		1622	979	555	
NI	<i>Amazona fariosa</i>	2	live					694	866	696	798	721	673	543		427	231	70	
NI	<i>Aratinga canicularis</i>	2	bodies							4									
NI	<i>Aratinga canicularis</i>	2	live					420	922	560	506	429	358	381		358	257	66	
NI	<i>Aratinga finschi</i>	2	bodies							1									
NI	<i>Aratinga finschi</i>	2	live					40	354	219	103	111	54	72		48	47		
NI	<i>Aratinga holochlora</i>	2	bodies							2									
NI	<i>Aratinga holochlora</i>	2	live					70	255	122	98	166	68	79		113	49		
NI	<i>Aratinga nana astec</i>	2	live						15	12	71	17	55	61		83	45		
NI	<i>Brotogeris jugularis</i>	2	bodies							2									
NI	<i>Brotogeris jugularis</i>	2	live					407	1091	274	191	269	177	177		184	187	81	
NI	<i>Pionopsitta haematotis</i>	2	bodies							1									
NI	<i>Pionopsitta haematotis</i>	2	live								2								
NI	<i>Pionus senilis</i>	2	live					411	483	379	516	359	366	492		513	319	222	
NI	<i>Otus cooperi</i>	2	bodies							1									
NI	<i>Strix virgata</i>	2	bodies							2									
NI	<i>Trochilidae spp.</i>	2	bodies							82									
NI	<i>Amazilia cyanura</i>	2	bodies							18									
NI	<i>Amazilia rutila</i>	2	bodies							11									
NI	<i>Amazilia saucerottae</i>	2	bodies							14									
NI	<i>Chlorostilbon canivetii</i>	2	bodies							1									
NI	<i>Eugenes fulgens</i>	2	bodies							8									
NI	<i>Helimaster constantii</i>	2	bodies							2									
NI	<i>Hylocharis eliciae</i>	2	bodies							14									
NI	<i>Phaethornis longuemareus</i>	2	bodies							7									
NI	<i>Threnetes ruckeri</i>	2	bodies							1									
NI	<i>Pharomachus mocino</i>	1	bodies							2									
NI	<i>Ramphastos sulfuratus</i>	2	bodies							4									
NI	<i>Ramphastos sulfuratus</i>	2	live					185	454	392	377	266	212	377		234	149	69	
NI	<i>Dendrobates auratus</i>	2	live									245	2272	1956					
NI	<i>Dendrobates pumilio</i>	2	live									619	4681	3450					
NZ	<i>Addax nasomaculatus</i>	1	trophies																1
NZ	<i>Antilope cervicapra</i>	3	trophies																1
PE	<i>Callithrix pygmaea</i>	2	live										24						
PE	<i>Aotus nancymaeae</i>	2	live						76										
PE	<i>Aotus vociferans</i>	2	live						20										
PE	<i>Saimiri boliviensis</i>	2	live						45										
PE	<i>Vultur gryphus</i>	1	live						1										
PE	<i>Geranoaetus melanoleucus</i>	2	live						4										
PE	<i>Penelope albipennis</i>	1	live					2											
PE	<i>Agapornis fischeri</i>	2	live							10									
PE	<i>Agapornis nigrigenis</i>	2	live							2									
PE	<i>Agapornis personatus</i>	2	live						5	8									
PE	<i>Agapornis roseicollis</i>	2	live							10									
PE	<i>Brotogeris pyrrhoptera</i>	2	live							2									
PE	<i>Forpus coelestis</i>	2	live						10	6									
PE	<i>Forpus xanthops</i>	2	live							6									
PE	<i>Psittoplagon aurifrons</i>	2	live						6										

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PE	<i>Psittacula krameri</i>	3	live							2									
PE	<i>Boa constrictor</i>	2	live										45	20					
PE	<i>Epicrates cenchria</i>	2	live										45	114					
PE	<i>Arapaima gigas</i>	2	live										950	1300					
PG	<i>Crocodylus spp.</i>	2	meat		4500														
PG	<i>Crocodylus spp.</i>	2	meat	kg	1728									15000	90000				
PG	<i>Crocodylus spp.</i>	2	teeth							300									
PG	<i>Crocodylus novaeguineae</i>	2	meat	kg	1500														
PG	<i>Crocodylus novaeguineae</i>	2	scales												20				
PG	<i>Crocodylus novaeguineae</i>	2	skins		3947					119	1185			2694	1459				
PG	<i>Crocodylus novaeguineae</i>	2	skin pieces		408									160					
PG	<i>Crocodylus porosus</i>	2	meat	kg	6544									12000					
PG	<i>Crocodylus porosus</i>	2	scales											263					
PG	<i>Crocodylus porosus</i>	2	skins		2192					1	139			6444	7796				
PG	<i>Crocodylus porosus</i>	2	skins	backskins	792									3542	4455				
PG	<i>Crocodylus porosus</i>	2	skulls											6					
PG	<i>Crocodylus porosus</i>	2	specimens											20					
PG	<i>Crocodylus porosus</i>	2	teeth											40032	39449				
PG	<i>Papilionidae spp.</i>	2	bodies									1028							
PG	<i>Papilionidae hybrid</i>	2	bodies									6	1	5					
PG	<i>Ornithoptera spp.</i>	2	bodies									40					433		
PG	<i>Ornithoptera hybrid</i>	2	bodies											1					
PG	<i>Ornithoptera caelestis</i>	2	bodies									42		101					
PG	<i>Ornithoptera chimaera</i>	2	bodies								32	600	206	581	281	802	275	623	
PG	<i>Ornithoptera chimaera</i>	2	live								40								
PG	<i>Ornithoptera goliath</i>	2	bodies								183	495	512	604	260	1724	1968	1887	
PG	<i>Ornithoptera goliath</i>	2	live								800								
PG	<i>Ornithoptera goliath supremus</i>	2	bodies									353	665	455	838		347		
PG	<i>Ornithoptera meridionalis</i>	2	bodies								56	214	219	573	161	187	105	119	
PG	<i>Ornithoptera paradisea</i>	2	bodies								9	62	65	265	16	18	44	4	
PG	<i>Ornithoptera priamus</i>	2	bodies								3924	3911	4225	4371	4752	15249	7705	12411	
PG	<i>Ornithoptera priamus</i>	2	live								3016								
PG	<i>Ornithoptera priamus admiralitatus</i>	2	bodies											78	23				
PG	<i>Ornithoptera priamus bornemannii</i>	2	bodies									50	134	482	274		20		
PG	<i>Ornithoptera priamus demophanes</i>	2	bodies									20	48	105	85		2		
PG	<i>Ornithoptera priamus miokensis</i>	2	bodies															5	
PG	<i>Ornithoptera priamus poseidon</i>	2	bodies									3380	9184	6359	3378				
PG	<i>Ornithoptera urvillianus</i>	2	bodies									10	1187	2970	1036				

Country	Taxon	App	Term	Unit	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PG	<i>Ornithoptera victoriae</i>	2	bodies									40	378	417	36	612	151	333	
PG	<i>Ornithoptera victoriae reginae</i>	2	bodies										110	78	351				
PG	<i>Troides oblongomaculatus</i>	2	bodies								1219	624	6451	2315	270	6312	216	4111	
PG	<i>Troides oblongomaculatus</i>	2	live								1866								
PG	<i>Troides oblongomaculatus papuensis</i>	2	bodies									857	1099	2249	1547		2328		
RO	<i>Falco biarmicus</i>	2	live									7							
SA	<i>Oryx leucorox</i>	1	live															10	
TC	<i>Strombus gigas</i>	2	live	kg													267.6	551.2	
TC	<i>Strombus gigas</i>	2	meat	kg													748.2	2483	
TC	<i>Strombus gigas</i>	2	shells														1610	2987	
TG	<i>Geochelone sulcata</i>	2	live									190	67			18		10	
TG	<i>Kinixys belliana</i>	2	live							50		655	1045		2515	2768	3565	2006	2530
TG	<i>Kinixys erosa</i>	2	live									75	235		350				
TG	<i>Kinixys homeana</i>	2	live							50		530	935		1960	1447	1888	1971	1789
TG	<i>Pelomedusa subrufa</i>	3	live									560	1630		625	845	1325	5080	200
TG	<i>Pelusios castaneus</i>	3	live																610
TG	<i>Pelusios niger</i>	3	live									660	808		555	625	622	2845	
TG	<i>Crocodylus niloticus</i>	1	skins															8	
TG	<i>Chamaeleo gracilis</i>	2	live							975		190	970		1007	1185	450	1200	690
TG	<i>Chamaeleo senegalensis</i>	2	live									1050	2945		5102	3585	3790	1510	1535
TG	<i>Varanus exanthematicus</i>	2	live						6892	6730		430	1090		3974	2172	2234	4700	3560
TG	<i>Varanus niloticus</i>	2	live						5417	4460		555	1170		2264	2910	1535	1625	2390
TG	<i>Python regius</i>	2	live						5925	16980		2595	17454		26810	21179	48705	52674	49422
TG	<i>Python sebae</i>	2	live							159			160		5181	340	395	516	426
TG	<i>Calabaria reinhardtii</i>	2	live										120		30	58	76	80	65
TG	<i>Pandinus imperator</i>	2	live									1520	5250		12155	8680	11775	8750	12970
TH	<i>Arapaima gigas</i>	2	live																
TZ	<i>Geochelone gigantea</i>	2	live						100										
TZ	<i>Kinixys belliana</i>	2	live						45										
TZ	<i>Malacocheirus tormieri</i>	2	live						100			190							
TZ	<i>Stigmochelys pardalis</i>	2	live						1080			302							
TZ	<i>Bradypodion tenue</i>	2	live									6							
TZ	<i>Chamaeleo deremensis</i>	2	live									42	15						
TZ	<i>Chamaeleo jacksonii</i>	2	live									23							
UA	<i>Hirudo medicinalis</i>	2	live											60000					
UG	<i>Crocodylus niloticus</i>	2	skins									4019	4817						
US	<i>Lynx rufus</i>	2	skins																
US	<i>Lynx rufus</i>	2	trophies												2	1			
US	<i>Addax nasomaculatus</i>	1	trophies												1		2		
US	<i>Ammotragus lervia</i>	2	trophies											1	4	2	1		1
US	<i>Antilope cervicapra</i>	3	live																
US	<i>Antilope cervicapra</i>	3	trophies											1	10	5	38		2
US	<i>Capra falconeri</i>	1	trophies												1				
US	<i>Kobus leche</i>	2	trophies												1				
US	<i>Nanger dama</i>	1	trophies																
US	<i>Oryx dammah</i>	1	trophies												3				

Country	Taxon	App	Term	Unit	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
US	<i>Oryx leucomyx</i>	1	trophies														1		
US	<i>Rhea americana</i>	2	eggs													100	200		
US	<i>Eudocimus ruber</i>	2	live											343					
US	<i>Anas oustaleti</i>	1	feathers																
US	<i>Falco rusticolus</i>	1	live														4		10
US	<i>Geochelone carbonaria</i>	2	live																
US	<i>Trionyx triunguis</i>	3	live									2							
US	<i>Alligator mississippiensis</i>	2	garments												1	3			
US	<i>Alligator mississippiensis</i>	2	large leather products												5	1	8	58	2
US	<i>Alligator mississippiensis</i>	2	small leather products																
US	<i>Alligator mississippiensis</i>	2	meat	kg								362	164	24	12	101	86	40	104
US	<i>Alligator mississippiensis</i>	2	shoes									12	454			251	235	577	127
US	<i>Alligator mississippiensis</i>	2	skins	cm								1203	6794	18945	43395	24245	50693	19921	974
US	<i>Alligator mississippiensis</i>	2	skin pieces										644	41	465	750	1502	1285	12
US	<i>Alligator mississippiensis</i>	2	skin pieces	cm									195						
US	<i>Alligator mississippiensis</i>	2	skin pieces	kg											1	102	276		
US	<i>Alligator mississippiensis</i>	2	skulls																
US	<i>Alligator mississippiensis</i>	2	tails															929	
US	<i>Alligator mississippiensis</i>	2	unspecified																1
US	<i>Scleractinia spp.</i>	2	raw corals	kg														542	
US	<i>Scleractinia spp.</i>	2	live	kg												727			
US	<i>Favia spp.</i>	2	live	kg												71			
US	<i>Favites spp.</i>	2	live	kg												80			
US	<i>Oculinidae spp.</i>	2	live	kg												80			
US	<i>Oculina spp.</i>	2	live	kg												72			
UY	<i>Myiopsitta monachus</i>	2	live														1860	500	
UZ	<i>Testudo horsfieldii</i>	2	live												2000	2000	6000	8150	38801
UZ	<i>Eryx tataricus</i>	2	live																70
VE	<i>Geochelone carbonaria</i>	2	live														780		
VE	<i>Podocnemis unifilis</i>	2	live														100	300	775
VE	<i>Caiman crocodilus crocodilus</i>	2	live									9390	17500	7200	11100	10512	11140	4900	2000
VE	<i>Caiman crocodilus crocodilus</i>	2	skins										8200						
VE	<i>Boa constrictor</i>	2	live																50
VN	<i>Macaca fascicularis</i>	2	live																180
VN	<i>Helarctos malayanus</i>	1	specimens																80
VN	<i>Helarctos malayanus</i>	1	specimens	ml															340
VN	<i>Ursus thibetanus</i>	1	specimens																131
VN	<i>Ursus thibetanus</i>	1	specimens	ml															386
ZA	<i>Crocodylus niloticus</i>	2	bones									2							
ZA	<i>Crocodylus niloticus</i>	2	small leather products								112					85	58	100	21

Country	Taxon	App	Term	Unit	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
ZA	<i>Crocodylus niloticus</i>	2	meat	kg							28126	8000							
ZA	<i>Crocodylus niloticus</i>	2	skins								200	378		200			1		
ZA	<i>Crocodylus niloticus</i>	2	skulls									10							
ZA	<i>Crocodylus niloticus</i>	2	trophies								4								
ZM	<i>Acinonyx jubatus</i>	1	live																1
ZM	<i>Panthera leo</i>	2	trophies																1
ZM	<i>Damaliscus lunatus</i>	3	trophies																1
ZM	<i>Kobus leche smithemani</i>	2	trophies																4
ZM	<i>Tragelaphus speki</i>	3	skulls																1
ZM	<i>Tragelaphus speki</i>	3	trophies																5
ZM	<i>Stigmochelys pardalis</i>	2	live														2450		600
ZM	<i>Crocodylus niloticus</i>	2	meat																22
ZM	<i>Crocodylus niloticus</i>	2	meat	kg													13289		
ZM	<i>Crocodylus niloticus</i>	2	skins														672		9279
ZM	<i>Crocodylus niloticus</i>	2	skins	bellyskins													10709		
ZM	<i>Crocodylus niloticus</i>	2	skins	hornbacks													16638		
ZM	<i>Crocodylus niloticus</i>	2	skin pieces																11004
ZW	<i>Crocodylus niloticus</i>	2	bodies											37	100	4	17		
ZW	<i>Crocodylus niloticus</i>	2	claws												6				
ZW	<i>Crocodylus niloticus</i>	2	heads														20		
ZW	<i>Crocodylus niloticus</i>	2	live													50			
ZW	<i>Crocodylus niloticus</i>	2	large leather products											10					
ZW	<i>Crocodylus niloticus</i>	2	small leather products																
ZW	<i>Crocodylus niloticus</i>	2	meat	kg									8	634	527	243	1	1	
ZW	<i>Crocodylus niloticus</i>	2	skins							16700	40859	43408	49095	96155	65520	95925	80600	18255	6400
ZW	<i>Crocodylus niloticus</i>	2	skins							10905	41454	7653	10505	35499	27870	27876	686		4538
ZW	<i>Crocodylus niloticus</i>	2	skins	backskins							3738	200	3393	10689	31683	913	100		
ZW	<i>Crocodylus niloticus</i>	2	skins	bellyskins							3645	4947	9659	14613	31177	2870	32		582
ZW	<i>Crocodylus niloticus</i>	2	skins	hornbacks												2291	6	1	
ZW	<i>Crocodylus niloticus</i>	2	skin pieces																
ZW	<i>Crocodylus niloticus</i>	2	skulls								100			53	20	8			
ZW	<i>Crocodylus niloticus</i>	2	tails											29	22	14			
ZW	<i>Crocodylus niloticus</i>	2	teeth							500	200			200	9				
ZW	<i>Crocodylus niloticus</i>	2	trophies								1				15	9	2		

Direct exports of ranched material

Taxon	App	Term	Country	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
<i>Galanthus woronowii</i>	2	live	GE											15000000				
<i>Galanthus woronowii</i>	2	roots	GE									10000000	10000000					
<i>Dendrobium spp.</i>	2	live	KR				5000											
<i>Oncidium spp.</i>	2	live	KR										600					
<i>Phalaenopsis spp.</i>	2	live	KR				10000											
<i>Armatochoreus cartwrightianus</i>	2	live	PE				1											
<i>Astrophytum asterias</i>	1	live	PE				1											
<i>Astrophytum capricorne</i>	2	live	PE				1											
<i>Blossfeldia spp.</i>	2	live	PE				722											
<i>Blossfeldia liliputana</i>	2	live	PE				123											
<i>Browningia spp.</i>	2	live	PE				10											
<i>Cleistocactus spp.</i>	2	live	PE				10											
<i>Cleistocactus sextonianus</i>	2	live	PE				10											
<i>Copiapoa spp.</i>	2	live	PE				11											
<i>Copiapoa calderana ssp. calderana</i>	2	live	PE				60											
<i>Copiapoa cinerea</i>	2	live	PE				78											
<i>Copiapoa cinerea ssp. haseftoniana</i>	2	live	PE				62											
<i>Corryocactus spp.</i>	2	live	PE				4											
<i>Corryocactus brachypetalus</i>	2	live	PE				2											
<i>Corryocactus brevistylus ssp. puquiensis</i>	2	live	PE				6											
<i>Echinopsis spp.</i>	2	live	PE				68											
<i>Echinopsis backebergii</i>	2	live	PE				20											
<i>Echinopsis cephalomacrostibas</i>	2	live	PE				3											
<i>Echinopsis hertrichiana</i>	2	live	PE				20											
<i>Echinopsis maximiliana</i>	2	live	PE				20											
<i>Echinopsis pampana</i>	2	live	PE				5											
<i>Echinopsis tegeleriana</i>	2	live	PE				1											
<i>Epiphyllum phyllanthus</i>	2	live	PE				20											
<i>Eriosyce spp.</i>	2	live	PE				72											
<i>Eriosyce heinrichiana</i>	2	live	PE				10											
<i>Eriosyce heinrichiana ssp. intermedia</i>	2	live	PE				15											
<i>Eriosyce islayensis</i>	2	live	PE				189											
<i>Eriosyce senilis</i>	2	live	PE				20											

Taxon	App	Term	Country	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
<i>Ferocactus latispinus</i>	2	live	PE				1											
<i>Gymnocalycium pflanzii</i>	2	live	PE				20											
<i>Haageocereus acranthus</i> ssp. <i>olowinskianus</i>	2	live	PE				4											
<i>Haageocereus chalaensis</i>	2	live	PE				1											
<i>Haageocereus decumbens</i>	2	live	PE				3											
<i>Haageocereus pseudomelanostele</i> ssp. <i>aureispinus</i>	2	live	PE				10											
<i>Lophophora williamsii</i>	2	live	PE				10											
<i>Matucana</i> spp.	2	live	PE				35											
<i>Matucana haynei</i> ssp. <i>haynei</i>	2	live	PE				20											
<i>Matucana madisoniorum</i>	2	live	PE				10											
<i>Mila caespitosa</i>	2	live	PE				3											
<i>Neoraimondia arequipensis</i>	2	live	PE				9											
<i>Opuntia</i> spp.	2	live	PE				43											
<i>Opuntia dillenii</i>	2	live	PE				2											
<i>Opuntia ignescens</i>	2	live	PE				5											
<i>Opuntia sphaerica</i>	2	live	PE				22											
<i>Opuntia subulata</i>	2	live	PE				6											
<i>Oreocereus hempelianus</i>	2	live	PE				4											
<i>Oreocereus varicolor</i>	2	live	PE				10											
<i>Oroya borchersii</i>	2	live	PE				15											
<i>Pediocactus paradinei</i>	1	live	PE				10											
<i>Pygmaeocereus bylesianus</i>	2	live	PE				15											
<i>Pygmaeocereus familiaris</i>	2	live	PE				22											
<i>Rebutia</i> spp.	2	live	PE				10											
<i>Rebutia caniqueralii</i>	2	live	PE				10											
<i>Rebutia fiebrigii</i>	2	live	PE				100											
<i>Rebutia mentosa</i>	2	live	PE				200											
<i>Rebutia narvaecensis</i>	2	live	PE				130											
<i>Rebutia steinbachii</i>	2	live	PE				250											
<i>Rebutia steinbachii</i> ssp. <i>kruegeri</i>	2	live	PE				20											
<i>Rhipsalis</i> spp.	2	live	PE				30											
<i>Turbinicarpus laui</i>	1	live	PE				2											
<i>Turbinicarpus schmedickeanus</i> ssp. <i>klinkerianus</i>	1	live	PE				9											
<i>Weberbauerocereus weberbaueri</i>	2	live	PE				1											
<i>Ada</i> spp.	2	live	PE				20											
<i>Ada elegantula</i>	2	live	PE				90											
<i>Aganisia</i> spp.	2	live	PE				16											
<i>Anguloa</i> spp.	2	live	PE				30											

Taxon	App	Term	Country	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
<i>Anguloa uniflora</i>	2	live	PE				147											
<i>Barbosella cucullata</i>	2	live	PE				41											
<i>Bollea hirtzii</i>	2	live	PE				118											
<i>Brassavola</i> spp.	2	live	PE				20											
<i>Brassavola cebolleta</i>	2	live	PE				15											
<i>Brassia arcuigera</i>	2	live	PE				20											
<i>Brassia bidens</i>	2	live	PE				58											
<i>Brassia caudata</i>	2	live	PE				119											
<i>Brassia juninensis</i>	2	live	PE				98											
<i>Brassia longissima</i>	2	live	PE				47											
<i>Brassia neglecta</i>	2	live	PE				2											
<i>Brassia peruviana</i>	2	live	PE				82											
<i>Brassia pozoi</i>	2	live	PE				35											
<i>Brassia verrucosa</i>	2	live	PE				20											
<i>Brassia villosa</i>	2	live	PE				57											
<i>Brassia wagneri</i>	2	live	PE				20											
<i>Catasetum</i> spp.	2	live	PE				72											
<i>Catasetum barbatum</i>	2	live	PE				20											
<i>Catasetum imperiale</i>	2	live	PE				20											
<i>Catasetum macroglossum</i>	2	live	PE				15											
<i>Catasetum saccatum</i>	2	live	PE				44											
<i>Catasetum tenebrosum</i>	2	live	PE				157											
<i>Cattleya</i> spp.	2	live	PE				10											
<i>Cattleya iricolor</i>	2	live	PE				64											
<i>Cattleya luteola</i>	2	live	PE				303											
<i>Cattleya maxima</i>	2	live	PE				482											
<i>Cattleya mooreana</i>	2	live	PE				2553											
<i>Cattleya rex</i>	2	live	PE				316											
<i>Cattleya violacea</i>	2	live	PE				146											
<i>Chaubardia heteroclita</i>	2	live	PE				71											
<i>Chaubardiella</i> spp.	2	live	PE				36											
<i>Chaubardiella tigrina</i>	2	live	PE				15											
<i>Chondrorhyncha lendyana</i>	2	live	PE				10											
<i>Chondroscaphe fimbriata</i>	2	live	PE				55											
<i>Cochleanthes amazonica</i>	2	live	PE				213											
<i>Cochlioda noezliana</i>	2	live	PE				251											
<i>Cochlioda rosea</i>	2	live	PE				174											
<i>Comparettia</i> spp.	2	live	PE				16											
<i>Comparettia coccinea</i>	2	live	PE				10											
<i>Comparettia falcata</i>	2	live	PE				110											

Taxon	App	Term	Country	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
<i>Comparetita macroplectrum</i>	2	live	PE				1											
<i>Comparetita peruviana</i>	2	live	PE				100											
<i>Comparetita speciosa</i>	2	live	PE				155											
<i>Coryanthes alborosea</i>	2	live	PE				74											
<i>Coryanthes bicalcarata</i>	2	live	PE				25											
<i>Coryanthes leucocorys</i>	2	live	PE				92											
<i>Coryanthes macrantha</i>	2	live	PE				43											
<i>Coryanthes macrocorys</i>	2	live	PE				45											
<i>Cycnoches spp.</i>	2	live	PE				10											
<i>Cycnoches cooperi</i>	2	live	PE				64											
<i>Cycnoches egertonianum</i>	2	live	PE				10											
<i>Cycnoches haagii</i>	2	live	PE				15											
<i>Cycnoches lehmannii</i>	2	live	PE				9											
<i>Cycnoches pentadactylon</i>	2	live	PE				131											
<i>Cycnoches peruvianum</i>	2	live	PE				102											
<i>Cyrtochilum annulare</i>	2	live	PE				50											
<i>Cyrtochilum macranthum</i>	2	live	PE				147											
<i>Cyrtochilum ventrilabrum</i>	2	live	PE				10											
<i>Encyclia spp.</i>	2	live	PE				30											
<i>Encyclia angustiloba</i>	2	live	PE				20											
<i>Encyclia fragrans</i>	2	live	PE				10											
<i>Encyclia lindenii</i>	2	live	PE				10											
<i>Epidendrum spp.</i>	2	live	PE				30											
<i>Epidendrum angustifolium</i>	2	live	PE				31											
<i>Epidendrum capricornu</i>	2	live	PE				35											
<i>Epidendrum ibaguense</i>	2	live	PE				5											
<i>Epidendrum macrocarpum</i>	2	live	PE				20											
<i>Epidendrum nocturnum</i>	2	live	PE				5											
<i>Eriopsis biloba</i>	2	live	PE				77											
<i>Eriopsis sceptrum</i>	2	live	PE				1											
<i>Fernandezia disticha</i>	2	live	PE				20											
<i>Fernandezia ionanthera</i>	2	live	PE				30											
<i>Galeandra baueri</i>	2	live	PE				16											
<i>Galeotia acuminata</i>	2	live	PE				27											
<i>Gongora armeniaca</i>	2	live	PE				30											
<i>Gongora aromatica</i>	2	live	PE				5											
<i>Gongora ecornuta</i>	2	live	PE				30											
<i>Gongora maculata</i>	2	live	PE				30											
<i>Gongora portentosa</i>	2	live	PE				30											

Taxon	App	Term	Country	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
<i>Gongora quinquenervis</i>	2	live	PE				30											
<i>Gongora sanderiana</i>	2	live	PE				45											
<i>Gongora tracyana</i>	2	live	PE				10											
<i>Heicia sanguinolenta</i>	2	live	PE				29											
<i>Houlletia</i> spp.	2	live	PE				25											
<i>Huntleya grandiflora</i>	2	live	PE				30											
<i>Ionopsis satyrioides</i>	2	live	PE				20											
<i>Ionopsis utricularioides</i>	2	live	PE				5											
<i>Kalopternix sophronites</i>	2	live	PE				35											
<i>Kefersteinia</i> spp.	2	live	PE				103											
<i>Kefersteinia bertoldii</i>	2	live	PE				55											
<i>Kefersteinia graminea</i>	2	live	PE				37											
<i>Kefersteinia mystacina</i>	2	live	PE				42											
<i>Kefersteinia sanguinolenta</i>	2	live	PE				55											
<i>Koellensteinia graminea</i>	2	live	PE				68											
<i>Lepanthes</i> spp.	2	live	PE				10											
<i>Lueddemannia pescatorei</i>	2	live	PE				175											
<i>Lycaste</i> spp.	2	live	PE				85											
<i>Lycaste ciliata</i>	2	live	PE				69											
<i>Lycaste denningiana</i>	2	live	PE				40											
<i>Lycaste dyeriana</i>	2	live	PE				30											
<i>Lycaste locusta</i>	2	live	PE				347											
<i>Lycaste longipetala</i>	2	live	PE				95											
<i>Lycaste macrophylla</i>	2	live	PE				53											
<i>Lycaste reichenbachii</i>	2	live	PE				15											
<i>Masdevallia</i> spp.	2	live	PE				233											
<i>Masdevallia amabilis</i>	2	live	PE				140											
<i>Masdevallia anachaeta</i>	2	live	PE				3											
<i>Masdevallia angulata</i>	2	live	PE				32											
<i>Masdevallia ariasii</i>	2	live	PE				52											
<i>Masdevallia asterotricha</i>	2	live	PE				64											
<i>Masdevallia atahualpa</i>	2	live	PE				40											
<i>Masdevallia ayabacana</i>	2	live	PE				174											
<i>Masdevallia barlaeana</i>	2	live	PE				31											
<i>Masdevallia bicolor</i>	2	live	PE				80											
<i>Masdevallia cardiantha</i>	2	live	PE				2											
<i>Masdevallia carmenensis</i>	2	live	PE				50											
<i>Masdevallia chaparensis</i>	2	live	PE				3											
<i>Masdevallia cinnamomea</i>	2	live	PE				24											

Taxon	App	Term	Country	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
<i>Masdevallia civilis</i>	2	live	PE				20											
<i>Masdevallia coccinea</i>	2	live	PE				2											
<i>Masdevallia cycloboga</i>	2	live	PE				60											
<i>Masdevallia davisi</i>	2	live	PE				207											
<i>Masdevallia decumana</i>	2	live	PE				346											
<i>Masdevallia dura</i>	2	live	PE				41											
<i>Masdevallia echo</i>	2	live	PE				21											
<i>Masdevallia elegans</i>	2	live	PE				20											
<i>Masdevallia ephippium</i>	2	live	PE				83											
<i>Masdevallia glandulosa</i>	2	live	PE				20											
<i>Masdevallia hymenantha</i>	2	live	PE				61											
<i>Masdevallia instar</i>	2	live	PE				12											
<i>Masdevallia ionocharis</i>	2	live	PE				10											
<i>Masdevallia kuhnorum</i>	2	live	PE				75											
<i>Masdevallia lamprotyria</i>	2	live	PE				124											
<i>Masdevallia lilacina</i>	2	live	PE				6											
<i>Masdevallia lineolata</i>	2	live	PE				47											
<i>Masdevallia lychniphora</i>	2	live	PE				3											
<i>Masdevallia mezae</i>	2	live	PE				1											
<i>Masdevallia minuta</i>	2	live	PE				15											
<i>Masdevallia pandurifolia</i>	2	live	PE				10											
<i>Masdevallia pernix</i>	2	live	PE				20											
<i>Masdevallia picturata</i>	2	live	PE				51											
<i>Masdevallia polysticta</i>	2	live	PE				74											
<i>Masdevallia prodigiosa</i>	2	live	PE				152											
<i>Masdevallia prosertema</i>	2	live	PE				2											
<i>Masdevallia pumila</i>	2	live	PE				42											
<i>Masdevallia pyxis</i>	2	live	PE				42											
<i>Masdevallia reichenbachiana</i>	2	live	PE				10											
<i>Masdevallia replicata</i>	2	live	PE				2											
<i>Masdevallia rimarima-alba</i>	2	live	PE				100											
<i>Masdevallia rodolfoi</i>	2	live	PE				44											
<i>Masdevallia rosea</i> ssp. <i>echinata</i>	2	live	PE				50											
<i>Masdevallia scitula</i>	2	live	PE				2											
<i>Masdevallia semiteres</i>	2	live	PE				1											
<i>Masdevallia spilantha</i>	2	live	PE				13											
<i>Masdevallia strobilii</i>	2	live	PE				171											
<i>Masdevallia theleura</i>	2	live	PE				2											
<i>Masdevallia tubulosa</i>	2	live	PE				7											

Taxon	App	Term	Country	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
<i>Masdevallia uniflora</i>	2	live	PE				84											
<i>Masdevallia urosalpinx</i>	2	live	PE				217											
<i>Masdevallia ustulata</i>	2	live	PE				3											
<i>Masdevallia vargasii</i>	2	live	PE				38											
<i>Masdevallia veitchiana</i>	2	live	PE				110											
<i>Masdevallia weberbaueri</i>	2	live	PE				42											
<i>Masdevallia welischii</i>	2	live	PE				10											
<i>Masdevallia wurdackii</i>	2	live	PE				151											
<i>Masdevallia yungasensis</i>	2	live	PE				2											
<i>Masdevallia zebracea</i>	2	live	PE				70											
<i>Maxillaria</i> spp.	2	live	PE				296											
<i>Maxillaria alba</i>	2	live	PE				10											
<i>Maxillaria floribunda</i>	2	live	PE				50											
<i>Maxillaria graminifolia</i>	2	live	PE				97											
<i>Maxillaria grandiflora</i>	2	live	PE				35											
<i>Maxillaria grandis</i>	2	live	PE				221											
<i>Maxillaria laevilabris</i>	2	live	PE				50											
<i>Maxillaria lepidota</i>	2	live	PE				50											
<i>Maxillaria luteo-alba</i>	2	live	PE				30											
<i>Maxillaria rufescens</i>	2	live	PE				113											
<i>Maxillaria setigera</i>	2	live	PE				20											
<i>Maxillaria striata</i>	2	live	PE				40											
<i>Mitonia</i> spp.	2	live	PE				20											
<i>Miltoniopsis</i> spp.	2	live	PE				35											
<i>Miltoniopsis phalaenopsis</i>	2	live	PE				138											
<i>Miltoniopsis roezlii</i>	2	live	PE				59											
<i>Mormodes</i> spp.	2	live	PE				3											
<i>Mormodes revoluta</i>	2	live	PE				39											
<i>Mormodes roifeana</i>	2	live	PE				119											
<i>Mormodes variabilis</i>	2	live	PE				20											
<i>Mormodes wolferiana</i>	2	live	PE				45											
<i>Mormolyca gracilipes</i>	2	live	PE				128											
<i>Mormolyca peruviana</i>	2	live	PE				5											
<i>Nanodes medusae</i>	2	live	PE				2											
<i>Nanodes porpax</i>	2	live	PE				4											
<i>Neokoehleria peruviana</i>	2	live	PE				20											
<i>Neolehmanna microcattleya</i>	2	live	PE				5											
<i>Notylia</i> spp.	2	live	PE				20											
<i>Notylia barkeri</i>	2	live	PE				5											

Taxon	App	Term	Country	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
<i>Nolyia coffeicola</i>	2	live	PE				40											
<i>Odontoglossum</i> spp.	2	live	PE				56											
<i>Odontoglossum angustatum</i>	2	live	PE				12											
<i>Odontoglossum cirrhosum</i>	2	live	PE				30											
<i>Odontoglossum crinitum</i>	2	live	PE				50											
<i>Odontoglossum cruentum</i>	2	live	PE				40											
<i>Odontoglossum harrayanum</i>	2	live	PE				108											
<i>Odontoglossum microthyrsus</i>	2	live	PE				42											
<i>Odontoglossum pardinum</i>	2	live	PE				115											
<i>Odontoglossum praestans</i>	2	live	PE				30											
<i>Odontoglossum trilobum</i>	2	live	PE				20											
<i>Oncidium</i> spp.	2	live	PE				115											
<i>Oncidium abortivum</i>	2	live	PE				49											
<i>Oncidium acinaceum</i>	2	live	PE				20											
<i>Oncidium cordatum</i>	2	live	PE				25											
<i>Oncidium cryptocopis</i>	2	live	PE				15											
<i>Oncidium excavatum</i>	2	live	PE				20											
<i>Oncidium falcipetalum</i>	2	live	PE				27											
<i>Oncidium foveatum</i>	2	live	PE				50											
<i>Oncidium fuscatum</i>	2	live	PE				40											
<i>Oncidium globuliferum</i>	2	live	PE				10											
<i>Oncidium heteranthum</i>	2	live	PE				23											
<i>Oncidium incartum</i>	2	live	PE				35											
<i>Oncidium lanceanum</i>	2	live	PE				5											
<i>Oncidium leopoldianum</i>	2	live	PE				40											
<i>Oncidium nanum</i>	2	live	PE				44											
<i>Oncidium nubigenum</i>	2	live	PE				48											
<i>Oncidium onustum</i>	2	live	PE				231											
<i>Oncidium otometon</i>	2	live	PE				83											
<i>Oncidium retusum</i>	2	live	PE				97											
<i>Oncidium sanderae</i>	2	live	PE				148											
<i>Oncidium spilopterum</i>	2	live	PE				31											
<i>Oncidium tigrinum</i>	2	live	PE				50											
<i>Oncidium versteegianum</i>	2	live	PE				1											
<i>Oncidium volubile</i>	2	live	PE				97											
<i>Ornithocephalus gladiatus</i>	2	live	PE				70											
<i>Ornithocephalus kruegeri</i>	2	live	PE				202											
<i>Peristeria pendula</i>	2	live	PE				75											
<i>Plectrophora</i> spp.	2	live	PE				2											

Taxon	App	Term	Country	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
<i>Plectrophora cultrifolia</i>	2	live	PE				161											
<i>Pleurothallis</i> spp.	2	live	PE				30											
<i>Pleurothallis erinacea</i>	2	live	PE				15											
<i>Polycynis muscifera</i>	2	live	PE				36											
<i>Psygmorchis glossomystax</i>	2	live	PE				15											
<i>Psygmorchis pusilla</i>	2	live	PE				54											
<i>Restrepia hemsleyana</i>	2	live	PE				19											
<i>Restrepia sanguinea</i>	2	live	PE				5											
<i>Rodriguezia</i> spp.	2	live	PE				25											
<i>Rodriguezia batemanii</i>	2	live	PE				64											
<i>Rodriguezia leeana</i>	2	live	PE				102											
<i>Rodriguezia secunda</i>	2	live	PE				15											
<i>Rudolfiella saxicola</i>	2	live	PE				60											
<i>Scelochilus</i> spp.	2	live	PE				10											
<i>Scelochilus latipetalus</i>	2	live	PE				90											
<i>Scelochilus saccatus</i>	2	live	PE				25											
<i>Schlimmia</i> spp.	2	live	PE				50											
<i>Schomburgkia moyobambae</i>	2	live	PE				4											
<i>Schomburgkia weberbaueriana</i>	2	live	PE				49											
<i>Scuticaria</i> spp.	2	live	PE				86											
<i>Sigmatostalix</i> spp.	2	live	PE				61											
<i>Sigmatostalix graminea</i>	2	live	PE				10											
<i>Solenidopsis tigrroides</i>	2	live	PE				50											
<i>Stanhopea</i> spp.	2	live	PE				20											
<i>Stanhopea candida</i>	2	live	PE				47											
<i>Stanhopea cirrhata</i>	2	live	PE				10											
<i>Stanhopea connata</i>	2	live	PE				97											
<i>Stanhopea wardii</i>	2	live	PE				22											
<i>Stelis gemma</i>	2	live	PE				17											
<i>Stenia</i> spp.	2	live	PE				32											
<i>Stenia calceolaris</i>	2	live	PE				11											
<i>Stenia guttata</i>	2	live	PE				148											
<i>Stenia pallida</i>	2	live	PE				113											
<i>Stenorhynchos speciosum</i>	2	live	PE				300											
<i>Telipogon ariasii</i>	2	live	PE				120											
<i>Telipogon hercules</i>	2	live	PE				34											
<i>Telipogon urceolatus</i>	2	live	PE				10											
<i>Telipogon vargasii</i>	2	live	PE				41											
<i>Trichocentrum</i> spp.	2	live	PE				186											

Taxon	App	Term	Country	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
<i>Trichocentrum pulchrum</i>	2	live	PE				20											
<i>Trichocentrum tigrinum</i>	2	live	PE				330											
<i>Trichoceros spp.</i>	2	live	PE				6											
<i>Trichoceros antennifer</i>	2	live	PE				13											
<i>Trichoceros tupaipi</i>	2	live	PE				51											
<i>Trichopilia spp.</i>	2	live	PE				118											
<i>Trichopilia fragrans</i>	2	live	PE				106											
<i>Trichopilia gracilis</i>	2	live	PE				30											
<i>Trichopilia laxa</i>	2	live	PE				1098											
<i>Trichopilia peruviana</i>	2	live	PE				2010											
<i>Trisetella spp.</i>	2	live	PE				247											
<i>Wairreella cyanea</i>	2	live	PE				6											
<i>Xylobium colleyi</i>	2	live	PE				55											
<i>Xylobium elongatum</i>	2	live	PE				10											
<i>Xylobium foveatum</i>	2	live	PE				10											
<i>Xylobium pallidiflorum</i>	2	live	PE				10											
<i>Zygopetalum intermedium</i>	2	live	PE				47											
<i>Dendrobium spp.</i>	2	specimens	PG									100						
<i>Dendrobium discolor</i>	2	specimens	PG									100						
<i>Dendrobium rigidum</i>	2	specimens	PG									5						
<i>Vanda hindsii</i>	2	specimens	PG									10						