

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



Twenty-first meeting of the Animals Committee
Geneva (Switzerland), 20-25 May 2005

Review of Significant Trade in specimens of Appendix-II species

SELECTION OF SPECIES FOR TRADE REVIEWS AFTER COP13

1. This document has been submitted by the Secretariat.
2. Conf. 12.8 (Rev. CoP13) Review of Significant Trade in specimens of Appendix-II species

Directs the Animals and Plants Committees, in cooperation with the Secretariat and experts, and in consultation with range States, to review the biological, trade and other relevant information on Appendix-II species subject to significant levels of trade, to identify problems and solutions concerning the implementation of Article IV, paragraphs 2 (a), 3 and 6 (a)

In compliance with paragraph a) of this Resolution, the Secretariat requested UNEP-WCMC to produce a summary from the CITES database of annual report statistics showing the recorded net level of exports for Appendix-II species over the five most recent years. Their report is attached as Annex.

3. Paragraph b) of the same Resolution charges the Committee

on the basis of recorded trade levels and information available to the Animals or Plants Committee, the Secretariat, Parties or other relevant experts

to select species of priority concern for review (whether or not such species have been the subject of a previous review).

4. The Committee is invited to make this selection during the course of its meeting.

REVIEW OF SIGNIFICANT TRADE

ANALYSIS OF TRADE TRENDS IN APPENDIX II SPECIES

Prepared for the

CITES Animals Committee, CITES Secretariat



by the

United Nations Environment Programme

World Conservation Monitoring Centre

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Section 1 Introduction

Resolution Conf. 12.8 (Rev. CoP13) 'Review of Significant Trade in specimens of Appendix-II species' directs the Animals and Plants Committees, in cooperation with the Secretariat and experts, and in consultation with range States, to review the biological, trade and other relevant information on Appendix-II species subject to significant levels of trade, to identify problems and solutions concerning the implementation of Article IV, paragraphs 2 (a), 3 and 6 (a) of the Convention. As part of this procedure the Secretariat requested UNEP-WCMC to produce a summary from the CITES Trade database of annual report statistics of trade in Appendix-II species over the five most recent years (1999-2003). These data can be found as an annex to this report.

The large volume of information that needs to be included in this type of analysis has made the process to identify species for a review in Significant Trade by the Plants and Animals Committees increasingly burdensome. Consequently, UNEP-WCMC developed an analytical tool to assist in this process and introduced the methodology at the twentieth meeting of the Animals Committee (AC) in March 2004. Using this tool, a total of 32 species and 1 genus were identified as possible candidates for inclusion in the Significant Trade process. Full reports on these taxa and the methodology used to select them can be found in document AC20 Doc. 8.5 and its annexes.

A year has passed since those analyses were done and UNEP-WCMC has been invited by the Secretariat to provide an opinion of the new data set produced for AC 21 in May 2005. Once again the data were scrutinised both by eye and using the analytical tool described above. In addition to many of the same taxa being highlighted, some new ones emerged. Tables of the taxa initially selected are provided in Section 2. Of these, a total of five possible candidates for further review were identified, based on further consideration of the trade data, and other issues noted in the "comment" column. Where relevant, additional trade data for these candidates is provided in Section 3.

Section 2 Species identified as possible candidates for review of Significant Trade

Table 1. Mammal species identified for inclusion or exclusion in the review of Significant Trade, following the flow chart process

MAMMALIA		
TAXON	INCLUDE/EXCLUDE	COMMENT
<i>Arctocephalus pusillus</i>	Exclude	Reviewed by UNEP-WCMC for AC 20
<i>Balaenoptera acutorostrata</i>	Exclude	Selected because of high coefficient of variability but on examination of the trade data and IUCN status the species was thought not to be a candidate for review
<i>Canis lupus</i>	Exclude	Excluded from review as the US and Canada were considered to have adequate species monitoring and management.
<i>Caracal caracal</i>	Exclude	Reviewed by UNEP-WCMC for AC 20
<i>Conepatus humboldtii</i>	Exclude	Reviewed by UNEP-WCMC for AC 20
<i>Damaliscus pygargus pygargus</i>	Exclude	Excluded from review as South Africa was considered to have adequate species monitoring and management.
<i>Delphinapterus leucas</i>	Exclude	Reviewed by UNEP-WCMC for AC 20
<i>Equus zebra hartmannae</i>	Exclude	Reviewed by UNEP-WCMC for AC 20
<i>Lama guanicoe</i>	Exclude	Excluded from review as extensive work is already underway on the conservation and management of this species
<i>Lontra canadensis</i>	Exclude	Excluded from review as the US and Canada were considered to have adequate species monitoring and management.
<i>Loxodonta africana</i>	Exclude	Excluded from review as extensive work is already underway on the conservation and management of this species, and trade volumes include stockpiles
<i>Lynx canadensis</i>	Exclude	Excluded from review as the US and Canada were considered to have adequate species monitoring and management.
<i>Lynx lynx</i>	Exclude	This was selected as exports of teeth increased in 2003 to 413 from 234 in 2002. However, trade in skins and other terms has decreased considerably in recent years.
<i>Lynx rufus</i>	Exclude	Excluded from review as the US and Canada were considered to have adequate species monitoring and management.
<i>Panthera leo</i>	Exclude	Reviewed by UNEP-WCMC for AC 20

MAMMALIA		
TAXON	INCLUDE/EXCLUDE	COMMENT
<i>Prionailurus bengalensis</i>	Exclude	Reviewed by UNEP-WCMC for AC 20
<i>Pseudalopex culpaeus</i>	Exclude	Reviewed by UNEP-WCMC for AC 20
<i>Pseudalopex griseus</i>	Exclude	Reviewed by UNEP-WCMC for AC 20
<i>Pteropus vampyrus</i>	Exclude	Reviewed by UNEP-WCMC for AC 20
<i>Ursus americanus</i>	Exclude	Excluded from review as the US and Canada were considered to have adequate species monitoring and management.
<i>Ursus arctos</i>	Exclude	Reviewed by UNEP-WCMC for AC 20
<i>Ursus maritimus</i>	Exclude	Reviewed by UNEP-WCMC for AC 20

Table 2. Bird species identified for inclusion or exclusion in the review of Significant Trade, following the flow chart process

AVES		
TAXON	INCLUDE/EXCLUDE	COMMENT
<i>Amazona dufresniana</i>	Exclude	Reviewed by UNEP-WCMC for AC 20
<i>Brotogeris cyanoptera</i>	Exclude	Initially selected because of increased trade in recent years. Species is generally common throughout its range and trade is within quota.
<i>Brotogeris sanctithomae</i>	Exclude	Reviewed by UNEP-WCMC for AC 20
<i>Brotogeris versicolurus</i>	Exclude	Reviewed by UNEP-WCMC for AC 20
<i>Chalcostigma olivaceum</i>	Exclude	Selected due to the high value in 2000 which was a reporting error.
<i>Grus canadensis</i>	Exclude	The majority of the trade is from the US and Canada where considered to have adequate species monitoring and management.
<i>Otus leucotis</i>	Exclude	Reviewed by UNEP-WCMC for AC 20
<i>Otus scops</i>	Exclude	Reviewed by UNEP-WCMC for AC 20
<i>Paroaria capitata</i>	Exclude	Reviewed by UNEP-WCMC for AC 20
<i>Paroaria coronata</i>	Exclude	Reviewed by UNEP-WCMC for AC 20
<i>Ramphastos toco</i>	Exclude	Reviewed by UNEP-WCMC for AC 20

Table 3. Reptile and amphibian species identified for inclusion or exclusion in the review of Significant Trade, following the flow chart process

REPTILIA and AMPHIBIA		
TAXON	INCLUDE/EXCLUDE	COMMENT
<i>Cuora amboinensis</i>	Possible candidate	Heavily traded and large discrepancy between main exporter's data and that reported by the importers (see Section 3).
<i>Geochelone denticulata</i>	Exclude	Excluded from review as appears relatively stable and within quota limits set by the two main exporting countries.
<i>Geochelone sulcata</i>	Exclude	Excluded from review as trade appears to be declining.
<i>Indotestudo elongata</i>	Exclude	Reviewed by UNEP-WCMC for AC 20
<i>Indotestudo forstenii</i>	Exclude	Reviewed by UNEP-WCMC for AC 20
<i>Malacochersus tornieri</i>	Exclude	Excluded from review as almost no trade since 2001.
<i>Manouria emys</i>	Exclude	Excluded from review as trade appears relatively stable and within quota limits set by the two main exporting countries.
<i>Testudo graeca</i>	Possible candidate	Fluctuating trade levels, all recent trade in wild specimens from Lebanon (see Section 3).
<i>Testudo hermanni</i>	Exclude	Excluded from review but excluded as trade levels low.
<i>Testudo horsfieldii</i>	Exclude	Excluded from review as trade appears relatively stable and within quota limits.
<i>Caiman yacare</i>	Exclude	Excluded from review as trade levels appear steady. The Secretariat is monitoring the situation in Paraguay.
<i>Palaeosuchus palpebrosus</i>	Exclude	Also selected in 2004 but trade levels appear steady and within quota.
<i>Palaeosuchus trigonatus</i>	Exclude	Excluded from review as trade levels appear steady and within quota.
<i>Crocodylus niloticus</i>	Exclude	Excluded from review as apparent increase in trade the result of misreporting of captive-bred specimens as wild-caught.
<i>Bradypodion tavetanum</i>	Exclude	Reviewed by UNEP-WCMC for AC 20
<i>Bradypodion xenorhinum</i>	Exclude	Reviewed by UNEP-WCMC for AC 20
<i>Chamaeleo africanus</i>	Exclude	Excluded from review as trade declining with none reported in 2003.
<i>Chamaeleo bitaeniatus</i>	Exclude	Reviewed by UNEP-WCMC for AC 20

REPTILIA and AMPHIBIA		
TAXON	INCLUDE/EXCLUDE	COMMENT
<i>Chamaeleo calypttratus</i>	Exclude	Excluded from review as trade appears to be declining with none reported in 2003.
<i>Chamaeleo deremensis</i>	Possible candidate	Quota appears to have been exceeded in three of the past five years (see Section 3).
<i>Chamaeleo hoehnelii</i>	Exclude	Reviewed by UNEP-WCMC for AC 20
<i>Chamaeleo werneri</i>	Possible candidate	Quota appears to have been exceeded in three of the past five years (see Section 3).
<i>Cordylus rhodesianus</i>	Exclude	Exports from Mozambique within quota except for 2003. Excess probably the result of reporting on the basis of permits issued, not actual trade.
<i>Cordylus vittifer</i>	Exclude	Exports from Mozambique within quota except for 2003. Excess probably the result of reporting on the basis of permits issued, not actual trade.
<i>Tupinambis merianae</i>	Exclude	Excluded from review as within quota.
<i>Tupinambis rufescens</i>	Exclude	Excluded from review as within quota.
<i>Varanus doreanus</i>	Exclude	Excluded as trade appears stable at around 450 live animals yearly.
<i>Varanus exanthematicus</i>	Exclude	Trade declined slightly between 2002 and 2003.
<i>Varanus salvator</i>	Exclude	Excluded as trade in skins and live animals appears to be stable.
<i>Python molurus bivittatus</i>	Exclude	Most skins are from Viet Nam from captive bred animals. However, note should be taken of 20,000 wild skins imported from Cambodia by Singapore in 2001 and 10,000 by Malaysia in 2003.
<i>Python regius</i>	Exclude	Excluded as trade in live animals decreased significantly in 2003 as a result of ranching.
<i>Python reticulatus</i>	Exclude	Excluded as trade has declined every year since 2000.
<i>Candoia bibroni</i>	Possible candidate	All trade from Solomon Islands and Vanuatu. Status of the species not known (see Section 3).
<i>Dendrobates reticulatus</i>	Exclude	Excluded as no trade since 2000.

REPTILIA and AMPHIBIA		
TAXON	INCLUDE/EXCLUDE	COMMENT
<i>Epipedobates pictus</i>	Exclude	Only 10 specimens reported in trade in 2000.
<i>Epipedobates trivittatus</i>	Exclude	Excluded as trade appears to be stable.
<i>Hoplobatrachus tigerinus</i>	Exclude	Excluded as the trade was reported from non-range State and probably a misidentification.

Table 4. Fish and invertebrate species identified for inclusion or exclusion in the review of Significant Trade, following the flow chart process

PISCES and INVERTEBRATA		
TAXON	INCLUDE/EXCLUDE	COMMENT
<i>Arapaima gigas</i>	Exclude	Trade levels low and probably involves captive-bred specimens misreported as wild.
<i>Ornithoptera priamus poseidon</i>	Exclude	Trade levels low.
<i>Trogonoptera brookiana</i>	Exclude	Trade levels insignificant.
<i>Trogonoptera brookiana albescens</i>	Exclude	Trade levels insignificant.
<i>Hirudo medicinalis</i>	Exclude	Trade levels appear stable.

Section 3 Trade tables for selected species

Reported trade in live *Cuora amboinensis*

	2000	2001	2002	2003
Malaysia (exporter)	258,240	28,600	35,450	11,102
China and Hong Kong (importers)	39,300	31,900	22,200	127,922

Reported trade in live *Testudo graeca*

Exporter	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Egypt	0	6	215	6095	1324	0	0	0	0	0	0	0
Lebanon	0	0	0	0	0	15	0	800	0	200	4329	4000
Turkey	1808	5212	1120	867	1350	0	4500	0	0	0	0	0

Reported trade in live *Chamaeleo deremensis*

Exporter	1999	2000	2001	2002	2003
Tanzania	634	696	388	846	473
Quota (wild)	500	500	500	500	500

Reported trade in live *Chamaeleo werneri*

Exporter	1999	2000	2001	2002	2003
Tanzania	546	660	451	650	380
Quota (wild)	500	500	500	500	500

Reported trade in live *Candoia bibroni*

Exporter	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Solomon Islands	26	170	138	78	98	0	50	25	60	170	225	650
Vanuatu	0	0	0	0	0	0	0	0	0	0	70	70

RECORDED GROSS EXPORTS OF APPENDIX-II FAUNA 1999-2003								
Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
MAMMALIA								
Zaglossus bruijni	QUI		0	4	0	0	0	1
Zaglossus bruijni	SKU		0	2	0	0	0	0.4
Phalanger orientalis	SKI		0	1	1	0	0	0.400
Spilocuscus maculatus	SKI		0	27	15	0	7	9.8
Spilocuscus maculatus	SKP		0	0	0	3	0	1
Dendrolagus spp.	SKI		0	0	0	1	0	0.2
Dendrolagus inustus	LIV		0	0	15	0	0	3
Acerodon celebensis	LIV		0	0	4	0	0	0.8
Acerodon humilis	LIV		0	10	20	15	0	9
Pteropus spp.	BOD		0	28	1	0	0	5.8
Pteropus giganteus	LIV		4	0	0	0	0	1
Pteropus niger	BOD		20	2	0	0	0	4.4
Pteropus niger	SKE		0	3	0	0	0	1
Pteropus rufus	HAI		23	0	0	0	0	4.6
Pteropus rufus	LIV		60	40	0	0	5	21
Pteropus rufus	SKE		0	0	1	0	0	0.2
Pteropus seychellensis	LIV		0	120	2	0	0	24
Pteropus tonganus	BOD		0	0	0	140	0	28
Pteropus vampyrus	BOD		0	1	0	0	0	0.200
Pteropus vampyrus	LIV		0	12	0	50	0	12.4
Primates spp.	BOD		0	0	0	1	0	0.200
Primates spp.	BON		0	0	2	0	0	0.4
Primates spp.	EXT		0	0	0	0	10	2
Primates spp.	MEA		0	0	0	1	0	0.2
Primates spp.	MEA	kg	0	0	0	0	58	12
Primates spp.	SKU		0	1	0	4	1	1.2
Primates spp.	TRO		0	0	1	0	0	0.200
Tupaia spp.	LIV		20	0	0	0	0	4
Tupaia belangeri	BOD		0	0	0	0	1	0.200
Tupaia dorsalis	BOD		2	0	0	0	0	0.4
Tupaia glis	LIV		35	40	0	0	0	15
Tupaia minor	LIV		0	0	6	0	0	1.2
Tupaia montana	BOD		3	0	0	0	0	1
Arctocebus calabarensis	LIV		10	0	0	0	0	2
Nycticebus coucang	LIV		3	0	0	0	0	1
Nycticebus pygmaeus	LIV		1	1	0	0	0	0.4
Perodicticus potto	LIV		10	0	0	0	0	2
Perodicticus potto	SKU		0	0	0	2	2	0.8
Perodicticus potto	TRO		0	1	0	0	0	0.200
Euoticus elegantulus	LIV		10	0	0	0	0	2
Galago spp.	LIV		5	0	0	0	0	1
Galago spp.	TRO		2	0	0	0	0	0.4
Galago alleni	LIV		10	0	0	0	5	3
Galago moholi	LIV		2	0	0	0	0	0.4
Galago moholi	TRO		0	0	1	0	0	0.200
Galago senegalensis	LIV		10	0	50	0	0	12
Galago senegalensis	SKE		0	0	0	0	10	2
Galago senegalensis	SKU		0	0	0	2	2	0.8
Galago senegalensis	TRO		0	0	1	1	1	1
Galagoides demidoff	LIV		5	25	50	0	0	16
Galagoides demidoff	UNS		0	1	0	0	0	0.200
Galagoides zanzibaricus	TRO		1	0	0	0	0	0.2
Otolemur crassicaudatus	LIV		14	0	0	0	0	3
Otolemur crassicaudatus	SKU		0	0	0	1	0	0.2
Otolemur crassicaudatus	TRO		1	0	1	0	0	0.400
Callithrix argentata	LIV		0	0	0	0	2	0.4
Callithrix geoffroyi	LIV		0	5	5	0	0	2
Callithrix jacchus	HAI		180	0	0	0	0	36
Callithrix kuhlii	BOD		0	50	0	0	0	10
Callithrix pygmaea	LIV		1	2	1	38	0	8.4
Saguinus fuscicollis	HAI	kg	0	0	0	0	0	0.001

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Saguinus fuscicollis	LIV		0	12	0	5	0	3.4
Saguinus imperator	LIV		0	12	0	0	0	2
Saguinus labiatus	HAI	kg	0	0	0.089	0	0	0.018
Saguinus midas	LIV		241	201	107	134	180	173
Saguinus mystax	LIV		16	42	0	60	0	23.6
Saguinus nigricollis	LIV		0	0	10	0	0	2
Alouatta spp.	LIV		1	0	0	0	0	0.2
Alouatta caraya	LIV		0	3	3	0	0	1
Alouatta pigra	LIV		1	0	0	0	0	0.2
Alouatta seniculus	LIV		0	0	3	0	0	1
Aotus spp.	SKU		0	0	0	0	1	0.2
Aotus nancymae	LIV		120	116	71	32	60	80
Aotus vociferans	LIV		50	30	33	26	0	27.8
Ateles spp.	SKU		0	0	0	120	0	24
Ateles geoffroyi	LIV		0	0	2	10	0	2.4
Ateles geoffroyi	SKU		1	0	0	0	0	0.200
Cebus spp.	SKU		0	0	0	30	15	9
Cebus albifrons	LIV		44	9	16	0	25	19
Cebus apella	LIV		324	191	236	137	282	234
Cebus capucinus	BON		0	0	0	0	30	6
Cebus capucinus	LIV		8	7	0	0	0	3
Cebus capucinus	SKE		0	0	0	0	1	0.200
Cebus olivaceus	LIV		58	99	138	40	214	109.8
Chiropotes satanas	LIV		0	0	10	0	0	2
Lagothrix lagotricha	LIV		0	0	3	0	0	0.6
Pithecia pithecia	LIV		3	0	0	0	0	1
Saimiri boliviensis	LIV		65	42	0	0	0	21.4
Saimiri sciureus	LIV		2461	1285	959	855	1760	1464
Saimiri sciureus	SKU		0	0	0	3	0	0.6
Cercopithecidae spp.	TRO		3	3	2	2	1	2
Cercocebus spp.	SKE		0	0	0	4	0	0.8
Cercocebus spp.	SKI		0	2	0	0	0	0.400
Cercocebus spp.	SKU		0	0	4	13	0	3.4
Cercocebus spp.	TRO		1	3	2	0	0	1
Cercocebus agilis	TRO		1	0	0	0	0	0.2
Cercocebus galeritus sanjei	HAI		0	0	1	0	0	0.200
Cercocebus torquatus	LIV		2	0	0	4	0	1.2
Cercocebus torquatus	SKE		0	0	0	0	6	1
Cercocebus torquatus	SKU		0	1	0	0	0	0.2
Cercopithecus spp.	BOD		1	0	0	0	0	0.200
Cercopithecus spp.	LIV		0	47	0	0	0	9.4
Cercopithecus spp.	SKI		0	1	0	0	1	0.400
Cercopithecus spp.	SKU		1	22	25	2	0	10
Cercopithecus spp.	TRO		39	53	53	15	19	36
Cercopithecus ascanius	LIV		2	6	0	0	0	1.6
Cercopithecus campbelli	LIV		0	1	0	0	0	0.200
Cercopithecus cephus	LIV		1	1	1	0	1	0.8
Cercopithecus cephus	TRO		5	5	1	0	0	2
Cercopithecus mitis	GAR		0	2	0	0	0	0.4
Cercopithecus mitis	LIV		5	11	0	0	0	3
Cercopithecus mitis	SKI		0	0	0	1	0	0.2
Cercopithecus mitis	SKU		0	0	0	1	0	0.200
Cercopithecus mitis	TRO		0	1	2	0	5	1.6
Cercopithecus mona	LIV		33	14	1	14	0	12
Cercopithecus mona	SKU		0	0	0	2	2	0.8
Cercopithecus neglectus	LIV		0	10	0	0	0	2
Cercopithecus nictitans	LIV		0	11	0	0	0	2.2
Cercopithecus nictitans	SKI		2	0	0	0	0	0.400
Cercopithecus nictitans	TRO		5	5	1	1	0	2.4
Cercopithecus petaurista	LIV		36	22	5	4	0	13
Cercopithecus petaurista	SKU		0	0	0	2	2	0.8
Cercopithecus pogonias	LIV		0	0	0	1	0	0.200
Cercopithecus pogonias	TRO		0	0	2	0	0	0.4
Cercopithecus solatus	SKE		0	0	1	0	0	0.200
Cercopithecus wolfi	LIV		0	4	0	0	0	0.8
Chlorocebus aethiops	BOD		3	18	1	1	0	5
Chlorocebus aethiops	BON		1	3	0	0	0	0.8
Chlorocebus aethiops	FOO		4	0	0	0	0	1

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Chlorocebus aethiops	LIV		2983	5029	4814	2905	1757	3497.6
Chlorocebus aethiops	SKE		0	1	0	0	0	0.200
Chlorocebus aethiops	SKI		40	42	44	56	35	43.4
Chlorocebus aethiops	SKU		61	73	63	182	194	115
Chlorocebus aethiops	TAI		4	1	0	0	0	1
Chlorocebus aethiops	TEE		0	0	0	0	4	1
Chlorocebus aethiops	TRO		69	114	115	269	342	181.8
Colobus spp.	LIV		0	0	1	0	0	0.200
Colobus spp.	SKE		0	0	0	8	0	1.6
Colobus spp.	SKI		0	0	0	1	0	0.200
Colobus spp.	SKU		0	0	0	1	0	0.2
Colobus guereza	CAR		0	0	1	0	0	0.200
Colobus guereza	GAR		0	3	0	10	0	2.6
Colobus guereza	HAI	kg	0	0	0	0	0	0.020
Colobus guereza	SKI		4	6	1	0	0	2.2
Colobus guereza	TRO		2	2	4	8	18	7
Colobus polykomos	SKE		0	0	0	1	1	0.4
Colobus polykomos	SKI		5	0	0	0	0	1
Colobus polykomos	SKP		5	0	0	0	0	1
Colobus polykomos	SKU		0	0	0	7	2	2
Colobus satanas	TRO		0	1	0	0	0	0.2
Erythrocebus patas	LIV		140	155	56	12	5	74
Erythrocebus patas	SKE		0	0	0	0	12	2.4
Erythrocebus patas	SKU		0	0	0	2	0	0.400
Erythrocebus patas	TRO		0	0	0	1	2	0.6
Lophocebus albigena	TRO		1	3	0	0	0	1
Lophocebus albigena aterrimus	LIV		0	4	0	0	0	0.8
Macaca spp.	SKU		3	0	0	0	0	1
Macaca fascicularis	LIV		3458	3210	3813	2895	5979	3871
Macaca fascicularis	LIV	kg	0	0	0	0	40	8
Macaca fascicularis	SKU		14	0	0	0	0	2.8
Macaca fascicularis	UNS		0	0	0	800	0	160
Macaca fuscata	LIV		6	0	50	0	0	11.2
Macaca fuscata	TEE		0	32	22	0	0	11
Macaca mulatta	DER	l	0	0	0	0	0.045	0.009
Macaca mulatta	LIV		104	336	128	55	0	125
Macaca nemestrina	BOD		1	0	0	0	0	0.2
Macaca nemestrina	LIV		2	0	1	0	0	1
Macaca nigra	LIV		1	0	0	0	0	0.2
Macaca sinica	HAI		600	0	0	0	0	120
Macaca sylvanus	LIV		2	0	0	0	6	1.6
Miopithecus talapoin	LIV		234	25	22	0	0	56
Papio spp.	BOD		0	200	0	0	0	40
Papio spp.	LIV		91	20	0	0	0	22
Papio spp.	SKP		0	0	1	0	0	0.2
Papio spp.	SKU		5	2	9	0	0	3
Papio spp.	TRO		70	90	86	66	0	62.4
Papio hamadryas	BOD		0	0	2	2	0	1
Papio hamadryas	BON		0	65	4	0	3	14.4
Papio hamadryas	BON	kg	0	10	0	0	0	2
Papio hamadryas	FOO		2	18	4	2	2	5.6
Papio hamadryas	LIV		39	32	15	0	5	18
Papio hamadryas	SKE		0	0	0	0	2	0.4
Papio hamadryas	SKI		7	24	20	13	25	18
Papio hamadryas	SKP		0	2	0	0	0	0.4
Papio hamadryas	SKU		14	122	122	117	145	104
Papio hamadryas	TAI		0	0	1	0	0	0.2
Papio hamadryas	TEE		0	1	0	32	41	15
Papio hamadryas	TRO		86	153	95	103	529	193.2
Papio hamadryas anubis	FOO		0	2	0	0	0	0.400
Papio hamadryas anubis	LIV		818	418	165	46	220	333.4
Papio hamadryas anubis	SKE		0	0	0	0	5	1
Papio hamadryas anubis	SKI		6	5	2	5	1	3.8
Papio hamadryas anubis	SKU		26	27	8	8	6	15
Papio hamadryas anubis	TEE		0	1	0	0	0	0.2
Papio hamadryas anubis	TRO		145	156	206	167	133	161
Papio hamadryas cynocephalus	LIV		0	0	1	1	0	0.4
Papio hamadryas cynocephalus	SKI		9	7	6	2	0	5

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Papio hamadryas cynocephalus	SKP		0	0	0	1	0	0.2
Papio hamadryas cynocephalus	SKU		11	10	8	2	0	6
Papio hamadryas cynocephalus	TEE		0	0	32	0	0	6.4
Papio hamadryas cynocephalus	TRO		15	75	13	33	83	44
Papio hamadryas papio	TRO		0	2	2	5	0	1.8
Papio hamadryas ursinus	BOD		4	33	2	1	8	10
Papio hamadryas ursinus	BON		11	77	0	2	1	18.2
Papio hamadryas ursinus	BON	kg	55	0	0	0	0	11
Papio hamadryas ursinus	CLA		0	18	0	0	0	3.6
Papio hamadryas ursinus	EAR		2	0	0	0	0	0.400
Papio hamadryas ursinus	FOO		4	3	4	4	0	3
Papio hamadryas ursinus	LIV		88	1	14	0	9	22
Papio hamadryas ursinus	SKI		52	81	48	52	14	49.4
Papio hamadryas ursinus	SKP		0	0	0	2	3	1
Papio hamadryas ursinus	SKU		452	454	168	274	259	321.4
Papio hamadryas ursinus	TAI		1	4	1	0	0	1
Papio hamadryas ursinus	TEE		0	4	32	38	9	16.6
Papio hamadryas ursinus	TRO		366	390	561	884	525	545
Procolobus badius	HAI	kg	0.005	0	0	0	0	0.001
Procolobus badius	SKE		0	0	0	0	5	1
Theropithecus gelada	LIV		1	0	0	0	0	0.2
Theropithecus gelada	TRO		0	1	2	2	1	1
Trachypithecus auratus	LIV		0	3	0	0	0	0.6
Trachypithecus cristatus	LIV		0	0	0	60	0	12
Myrmecophaga tridactyla	CLA		0	0	0	0	3	0.6
Myrmecophaga tridactyla	LIV		2	20	5	11	4	8
Bradypus variegatus	LIV		2	0	0	0	0	0.4
Manis spp.	DER		0	0	0	6	0	1
Manis gigantea	BOD		1	0	0	0	0	0.2
Manis javanica	LIV		0	50	0	0	0	10
Manis javanica	SKI		29747	27661	0	0	300	11541.6
Manis javanica	SKI	kg	870	0	0	0	0	174
Manis pentadactyla	MEA	kg	1	0	0	0	0	0.2
Manis pentadactyla	SKI		400	1000	0	0	0	280
Manis tetradactyla	LIV		0	0	0	8	0	1.6
Manis tetradactyla	SKI		0	1	0	0	0	0.200
Manis tricuspis	LIV		5	5	1	16	0	5.4
Manis tricuspis	SKU		0	1	0	0	0	0.200
Manis tricuspis	TRO		2	0	0	0	0	0.4
Ratufa affinis	LIV		0	0	0	0	2	0.400
Cetacea spp.	BOC		12	7	5	11	4	7.8
Cetacea spp.	BOD		1	0	0	0	1	0.400
Cetacea spp.	BON		41	102	39	15	56	50.6
Cetacea spp.	CAR		6	7	47	24	0	17
Cetacea spp.	EXT		0	110	0	5	5	24
Cetacea spp.	IVC		1	24	0	0	0	5
Cetacea spp.	MEA		0	0	0	0	4	0.8
Cetacea spp.	MEA	kg	0	0	0	0	0	0.148
Cetacea spp.	SKI		0	0	1	1	11	2.6
Cetacea spp.	TEE		8	21	21	56	152	52
Cetacea spp.	TUS		0	0	9	0	0	1.8
Cetacea spp.	UNS		1	9	1	0	0	2
Cetacea spp.	UNS	m	0	0	0	2	0	0.4
Inia geoffrensis	SKP		0	0	0	0	115	23
Inia geoffrensis	SKU		0	0	0	0	1	0.2
Pontoporia blainvillei	SKP		0	10	0	0	0	2
Pontoporia blainvillei	SKU		1	0	0	0	0	0.2
Pontoporia blainvillei	TEE		0	0	120	0	0	24
Hyperoodon ampullatus	TEE		0	0	0	0	50	10
Mesoplodon densirostris	SKU		1	0	0	0	0	0.200
Mesoplodon ginkgodens	BON		0	3	0	0	0	0.6
Mesoplodon hectori	TEE		4	0	0	0	0	1
Ziphius cavirostris	TEE		0	0	0	0	50	10
Kogia breviceps	CAR		0	0	0	0	1	0.200
Kogia breviceps	SKU		0	0	0	1	0	0.2
Kogia breviceps	TEE		0	0	1	0	0	0.200
Kogia simus	SKE		0	0	0	1	0	0.2
Kogia simus	TEE		8	0	0	0	0	2

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Physeter catodon	TEE		0	1	0	0	0	0.2
Physeter catodon	WAX	kg	0	0	0	0	0	0.089
Delphinapterus leucas	CAR		2	6	0	0	1	1.8
Delphinapterus leucas	LIV		26	13	12	37	13	20
Delphinapterus leucas	MEA		20	0	1	0	0	4.2
Delphinapterus leucas	MEA	kg	13200	0	4	41	0	2649
Delphinapterus leucas	SKP		40	0	0	0	0	8
Delphinapterus leucas	SKU	kg	0	0	6	0	0	1
Delphinapterus leucas	TEE		630	0	8	0	3	128.2
Monodon monoceros	BOC		0	0	1	0	0	0.200
Monodon monoceros	BOD		0	0	3	0	0	0.6
Monodon monoceros	BON		3	1	0	1	2	1
Monodon monoceros	CAR		743	34	23	193	103	219.2
Monodon monoceros	DER	kg	0	5	0	0	0	1
Monodon monoceros	HOR		0	0	0	2	0	0.4
Monodon monoceros	IVP		27	0	4	0	0	6
Monodon monoceros	MEA		0	0	1	0	0	0.2
Monodon monoceros	MEA	kg	0	0	30	637	127	159
Monodon monoceros	OIL	FLA	0	0	0	1	0	0.2
Monodon monoceros	SKI	kg	0	30	8	0	0	8
Monodon monoceros	SKU		5	0	0	1	3	1.8
Monodon monoceros	TEE		757	675	13	30	18	299
Monodon monoceros	TEE	kg	5	0	0	0	0	1
Monodon monoceros	TRO		0	0	0	0	1	0.200
Monodon monoceros	TUS		182	173	118	95	114	136.4
Monodon monoceros	TUS	kg	21	0	0	0	0	4
Delphinus delphis	BOD		0	0	0	2	0	0.4
Delphinus delphis	BON		0	1	0	0	0	0.200
Delphinus delphis	SKP		0	1	0	0	60	12.2
Delphinus delphis	SKU		1	0	0	0	2	1
Delphinus delphis	TEE		28	0	0	0	50	15.6
Feresa attenuata	TEE		4	0	0	0	0	1
Globicephala macrorhynchus	CAR		1	0	0	0	0	0.2
Globicephala macrorhynchus	TEE		0	0	0	0	50	10
Globicephala melas	BON		140	19	0	1	0	32
Globicephala melas	MEA	kg	70	120	120	120	150	116
Globicephala melas	SKU		4	0	1	0	0	1
Globicephala melas	TEE		72	0	0	0	0	14
Globicephala melas	TRO		0	0	1	0	0	0.2
Lagenodelphis hosei	SKP		0	1	0	0	0	0.200
Lagenodelphis hosei	SKU		0	0	10	0	0	2
Lagenodelphis hosei	TEE		4	0	0	0	0	1
Lagenorhynchus acutus	TEE		0	0	0	0	600	120
Lagenorhynchus australis	BON		1	0	0	0	0	0.200
Lagenorhynchus obliquidens	LIV		0	0	2	0	0	0.4
Lagenorhynchus obliquidens	SKE		1	0	0	0	0	0.200
Lagenorhynchus obliquidens	TRO		0	2	0	0	0	0.4
Lissodelphis peronii	TEE		4	0	0	0	0	1
Orcaella brevirostris	SKP		0	0	0	0	13	2.6
Orcaella brevirostris	TEE		9	0	0	0	0	2
Orcinus orca	BON		6	0	0	0	0	1.2
Orcinus orca	LIV		0	0	0	1	0	0.200
Orcinus orca	SKP		0	0	0	33	0	6.6
Orcinus orca	TEE		7	1	0	1	0	2
Orcinus orca	UNS		0	31	0	0	0	6.2
Pseudorca crassidens	LIV		3	0	0	0	0	1
Pseudorca crassidens	TEE		4	0	0	0	0	0.8
Stenella attenuata	BOD		0	1	0	0	0	0.200
Stenella attenuata	SKP		0	0	0	1	1	0.4
Stenella attenuata	TEE		8	306	0	0	0	63
Stenella attenuata	UNS		0	346	0	0	0	69.2
Stenella coeruleoalba	TEE		8	0	0	0	50	12
Stenella frontalis	SKP		0	1	0	0	0	0.2
Stenella longirostris	BOD		0	3	0	0	0	1
Stenella longirostris	SKE		1	0	0	0	0	0.2
Stenella longirostris	TEE		17	0	0	0	0	3
Steno bredanensis	TEE		8	0	0	0	0	1.6
Tursiops truncatus	BOD		0	0	0	2	0	0.400

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Tursiops truncatus	LIV		67	53	52	40	24	47.2
Tursiops truncatus	SKE		0	0	0	1	0	0.200
Tursiops truncatus	SKP		0	3	0	0	0	0.6
Tursiops truncatus	SKU		2	0	0	4	0	1
Tursiops truncatus	TEE		12	57	2	42	50	32.6
Tursiops truncatus	TEE	kg	0	0	0	0	0	0.000
Tursiops truncatus aduncus	LIV		4	6	0	3	33	9.2
Tursiops truncatus aduncus	TEE		15	0	0	0	0	3
Tursiops truncatus gilli	LIV		0	0	0	0	6	1.2
Tursiops truncatus gilli	TEE		12	0	0	0	0	2
Tursiops truncatus ponticus	LIV		0	2	4	0	0	1.2
Australophocaena dioptrica	SKE		3	0	0	0	0	1
Australophocaena dioptrica	SKU		0	0	0	0	3	0.6
Australophocaena dioptrica	TEE		28	0	0	0	0	6
Phocoena spp.	TEE		2	0	0	0	0	0.4
Phocoena phocoena	BOD		0	1	0	0	0	0.200
Phocoena phocoena	BON		0	1	0	0	0	0.2
Phocoena phocoena	SKE		1	0	0	0	19	4
Phocoena phocoena	TEE		200	200	0	0	2	80.4
Balaenoptera acutorostrata	BOC		0	0	1	0	0	0.200
Balaenoptera acutorostrata	BON		50	1	12	3	4	14
Balaenoptera acutorostrata	CAR		4	8	3	2	1	4
Balaenoptera acutorostrata	HOC		0	1	0	0	0	0.2
Balaenoptera acutorostrata	MEA	kg	346	22	0	855	0	245
Balaenoptera acutorostrata	TEE		1	0	0	0	0	0.2
Canis lupus	BOD		176	214	140	210	212	190
Canis lupus	BON		31	14	234	1	358	127.6
Canis lupus	CAR		1	36	0	0	1	8
Canis lupus	CLA		120	259	274	156	297	221.2
Canis lupus	EAR		0	0	0	0	2	0.400
Canis lupus	FOO		20	43	59	55	28	41
Canis lupus	GAR		2	9	7	11	6	7
Canis lupus	HAP		0	0	8	1	0	1.8
Canis lupus	HEA		1	0	0	0	0	0.200
Canis lupus	LIV		13	2	33	0	2	10
Canis lupus	MEA		0	0	0	0	4	1
Canis lupus	MEA	kg	0	0	7	0	0	1.4
Canis lupus	PLA		111	124	121	160	143	132
Canis lupus	PLA	kg	0	1	0	0	0	0.2
Canis lupus	SKE		0	2	0	1	2	1
Canis lupus	SKI		5433	6767	3912	3170	2903	4437
Canis lupus	SKI	kg	0	1	0	1	0	0.400
Canis lupus	SKP		19	34	70	578	9	142
Canis lupus	SKP	kg	0	0	1	0	0	0.272
Canis lupus	SKU		303	379	313	486	342	364.6
Canis lupus	TAI		2	9	9	5	14	8
Canis lupus	TEE		73	124	122	107	391	163.4
Canis lupus	TRO		401	364	336	362	372	367
Canis lupus	UNS		0	0	2	2	1	1
Cerdocyon thous	LIV		0	4	1	9	0	3
Pseudalopex spp.	SKI		0	0	0	180	0	36
Pseudalopex culpaeus	GAR		0	36	16	73	65	38
Pseudalopex culpaeus	GAR	(sk)	126	0	0	1962	842	586
Pseudalopex culpaeus	PLA		0	0	0	2	39	8
Pseudalopex culpaeus	PLA	kg	0	0	232	0	0	46.4
Pseudalopex culpaeus	SKI		57	521	7218	16253	16564	8123
Pseudalopex culpaeus	SKI	kg	0	0	0	0	236.85	47.37
Pseudalopex culpaeus	SKI	(sk)	0	0	0	0	158	32
Pseudalopex culpaeus	SKP		0	0	0	0	11	2.2
Pseudalopex culpaeus	SKP	kg	0	0	0	184	0	37
Pseudalopex culpaeus	SKP	(sk)	1	0	0	0	0	0.2
Pseudalopex griseus	FOO		0	1510	0	0	0	302
Pseudalopex griseus	GAR		0	384	148	387	1510	485.8
Pseudalopex griseus	GAR	kg	34	0	0	0	5	8
Pseudalopex griseus	GAR	(sk)	2661	0	0	6324	19692.3	5735.45
Pseudalopex griseus	HAI	kg	0	0	40	0	0	8
Pseudalopex griseus	PLA		78	897	60	62	748	369
Pseudalopex griseus	PLA	kg	0	2526	890	160	0	715

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Pseudalopex griseus	PLA	(sk)	0	0	0	168	0	33.6
Pseudalopex griseus	SKI		17564	23150	42863	125059	131728	68073
Pseudalopex griseus	SKI	kg	63.4	1027.65	22.5	298.75	2442.49	770.957
Pseudalopex griseus	SKP		0	811	1	448	973	447
Pseudalopex griseus	SKP	kg	335.7	32	80	1241.93	6264.65	1590.855
Pseudalopex griseus	SKP	(sk)	2167	0	0	0	0	433
Pseudalopex griseus	TAI		20	0	0	100	400	104
Pseudalopex griseus	TAI	kg	0	0	0	2	0	0.380
Pseudalopex griseus	TRO		3	0	4	1	0	1.6
Pseudalopex gymnocercus	LIV		0	5	1	0	0	1
Vulpes cana	BOD		0	0	0	0	3	0.6
Vulpes zerda	LIV		105	0	40	43	0	38
Vulpes zerda	TRO		0	0	2	0	0	0.4
Ursidae spp.	SKI		0	0	0	0	2	0.400
Ursidae spp.	TEE		0	0	0	68	0	13.6
Ursus spp.	BOD		1	0	0	2	0	1
Ursus spp.	CLA		14	8	0	20	0	8.4
Ursus spp.	DER		40	0	0	0	0	8
Ursus spp.	DER	kg	0.08	0	0	0	0	0.016
Ursus spp.	GAL		0	0	3	0	0	1
Ursus spp.	MEA		0	2	0	0	0	0.4
Ursus spp.	PLA		0	0	0	1	0	0.200
Ursus spp.	SKI		13	2	2	3	0	4
Ursus spp.	SKU		5	0	0	0	1	1
Ursus spp.	TEE		1	4	0	0	0	1
Ursus spp.	TRO		0	0	0	8	0	2
Ursus americanus	BOC		0	0	1	0	0	0.2
Ursus americanus	BOD		2002	932	619	700	640	979
Ursus americanus	BON		192	32	93	31	62	82
Ursus americanus	BON	kg	0	0	4	0	20	5
Ursus americanus	CAR		21	0	1	1	2	5
Ursus americanus	CLA		15010	5010	12134	8135	10549	10168
Ursus americanus	DER		1	0	0	0	2	0.6
Ursus americanus	DER	kg	5	0	1	0	0	1
Ursus americanus	FOO		52	582	20	38	33	145
Ursus americanus	GAB		557	32	8	33	51	136
Ursus americanus	GAB	kg	0	0	4.472	0	0	0.894
Ursus americanus	GAL		0	0	8	0	2	2
Ursus americanus	GAR		0	56	1	8	1	13.2
Ursus americanus	GEN		3	0	2	1	7	3
Ursus americanus	HAI		2	1	1148	2606	4564	1664.2
Ursus americanus	HAP		255	2	13	0	0	54
Ursus americanus	LIV		1	2	13	3	6	5
Ursus americanus	MEA		487	58	131	47	190	183
Ursus americanus	MEA	kg	165570	2268.3	5876	6614	5020	37069.63
Ursus americanus	MEA	SHP	0	1	0	0	0	0.200
Ursus americanus	OIL	kg	0	0	21.54	0	18	7.908
Ursus americanus	PLA		654	753	5513	904	1396	1844
Ursus americanus	PLA	kg	0	0	1	0	0	0.2
Ursus americanus	SKE		0	0	3	1	1	1
Ursus americanus	SKI		12892	5533.55	4472	6325	5475	6939.51
Ursus americanus	SKI	kg	112	21	48	0	159	68
Ursus americanus	SKP		53	38	43	314	227	135
Ursus americanus	SKP	kg	0	0	34	0	0	7
Ursus americanus	SKU		8991	2738	2011	2870	2561	3834.2
Ursus americanus	SKU	kg	46	45	6	2	1	20
Ursus americanus	TAI		1	0	0	0	0	0.2
Ursus americanus	TEE		5029	6989	7255	6930	8784	6997
Ursus americanus	TRO		8250	7571	5655	6576	7587	7127.8
Ursus americanus	TRO	kg	0	0	145	306	0	90
Ursus americanus	UNS		1302	42	12	48	10	282.8
Ursus americanus	UNS	kg	10	0	0	0	0	2
Ursus arctos	BOD		52	49	38	27	33	39.8
Ursus arctos	BON		1	3	5	37	8	11
Ursus arctos	CAR		0	4	0	0	0	0.8
Ursus arctos	CLA		400	447	289	210	311	331
Ursus arctos	FOO		2	1	8	0	0	2.2
Ursus arctos	GAB	kg	3	0	10	0	0	3

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Ursus arctos	GAL	kg	5.307	12	11.737	6.16	3.514	7.744
Ursus arctos	GAR		0	0	3	1	1	1
Ursus arctos	GEN		1	0	0	0	1	0.4
Ursus arctos	HAI		209	0	740	3	530	296
Ursus arctos	HAP		0	0	3	2	0	1
Ursus arctos	HEA		1	0	0	0	0	0.200
Ursus arctos	LIV		27	24	36	12	5	20.8
Ursus arctos	MEA		0	3	0	0	0	1
Ursus arctos	MEA	kg	1408.1	900	0	95.31	0	480.682
Ursus arctos	PLA		10	13	11	16	22	14
Ursus arctos	SKI		303	312	192	236	480	304.6
Ursus arctos	SKP		4	1	14	6	0	5
Ursus arctos	SKU		154	204	124	148	170	160
Ursus arctos	TEE		547	426	532	498	740	549
Ursus arctos	TRO		642	774	812	808	504	708
Ursus arctos	UNS		0	0	3	0	0	1
Ursus arctos horribilis	BOD		0	0	4	0	2	1.2
Ursus arctos horribilis	BON		0	0	1	0	1	0.400
Ursus arctos horribilis	CLA		83	79	13	31	0	41.2
Ursus arctos horribilis	FOO		0	4	1	0	0	1
Ursus arctos horribilis	LIV		0	0	3	0	0	0.6
Ursus arctos horribilis	PLA		15	19	33	5	5	15
Ursus arctos horribilis	SKI		7	22	38	21	20	21.6
Ursus arctos horribilis	SKP		2	1	0	8	0	2
Ursus arctos horribilis	SKU		3	22	22	19	35	20.2
Ursus arctos horribilis	TEE		0	113	6	2	0	24
Ursus arctos horribilis	TRO		32	53	62	53	74	54.8
Ursus arctos middendorffi	LIV		0	0	0	0	2	0.400
Ursus arctos middendorffi	PLA		0	0	0	2	0	0.4
Ursus arctos middendorffi	TRO		3	1	1	0	0	1
Ursus arctos richardsoni	BOD		0	1	0	0	0	0.2
Ursus arctos richardsoni	PLA		2	0	0	0	0	0.400
Ursus arctos richardsoni	SKI		0	2	0	0	0	0.4
Ursus arctos richardsoni	SKU		0	0	0	1	0	0.200
Ursus arctos richardsoni	TRO		2	0	0	1	0	0.6
Ursus maritimus	BOC		0	0	1	0	0	0.200
Ursus maritimus	BOD		50	27	39	33	27	35.2
Ursus maritimus	BOD	kg	0	0	0	0	0	0.002
Ursus maritimus	BON		21	20	27	35	42	29
Ursus maritimus	CAR		1	1	1	12	3	4
Ursus maritimus	CLA		261	171	7	144	70	130.6
Ursus maritimus	FOO		1	0	0	0	0	0.200
Ursus maritimus	GAR		0	1	0	2	0	0.6
Ursus maritimus	GEN		1	0	0	0	0	0.200
Ursus maritimus	HAI		0	0	1	0	0	0.2
Ursus maritimus	HAI	kg	0	0	0	0	0	0.040
Ursus maritimus	HAP		0	6	2	0	4	2.4
Ursus maritimus	LIV		1	0	12	1	0	3
Ursus maritimus	PLA		31	1	1	1	1	7
Ursus maritimus	SKE		0	0	0	1	0	0.200
Ursus maritimus	SKI		412	154	116	169	516	273.4
Ursus maritimus	SKP		37	6	2	4	144	39
Ursus maritimus	SKP	kg	59	0	0	0	0	11.8
Ursus maritimus	SKU		139	74	93	96	90	98
Ursus maritimus	TEE		160	96	229	403	474	272.4
Ursus maritimus	TRO		136	88	82	93	82	96
Ursus maritimus	TUS		2	0	0	0	0	0.4
Ursus maritimus	UNS		1	0	0	0	0	0.200
Ursus thibetanus	LIV		0	0	0	2	0	0.4
Lutrinae spp.	BOD		1	4	1	1	2	2
Lutrinae spp.	GAR		0	0	0	1	0	0.2
Lutrinae spp.	LIV		0	0	0	1	0	0.200
Lutrinae spp.	SKI		138	2	21	5	1	33.4
Lutrinae spp.	SKU		0	0	8	0	3	2
Aonyx capensis	LIV		7	0	2	4	5	3.6
Aonyx capensis	SKI		0	0	0	1	1	0.400
Aonyx capensis	SKU		0	0	0	0	4	0.8
Aonyx capensis	TRO		0	0	0	2	2	1

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Conepatus humboldtii	GAR	(sk)	2550	0	0	0	0	510
Conepatus humboldtii	PLA		69	0	0	0	0	14
Conepatus humboldtii	SKI		1550	9970	1980	1	0	2700.2
Conepatus humboldtii	SKI	kg	0	0	38	0	0	8
Enhydra lutris	GAR		3	0	0	0	0	0.6
Enhydra lutris	LIV		0	0	6	0	0	1
Enhydra lutris	SKU		1	0	0	0	0	0.2
Enhydra lutris	UNS		0	1	0	0	0	0.200
Lontra spp.	BOD		2	0	2	0	0	0.8
Lontra spp.	GAR		1	0	0	0	0	0.200
Lontra spp.	SKI		0	0	891	0	0	178.2
Lontra canadensis	BOD		598	18	7	18	6	129
Lontra canadensis	BON		0	3	0	0	1	0.8
Lontra canadensis	CLA		20	0	0	0	0	4
Lontra canadensis	FOO		67	0	0	0	0	13.4
Lontra canadensis	GAR		6	48	22	32	26	27
Lontra canadensis	HAP		0	0	8	0	0	1.6
Lontra canadensis	LIV		0	2	17	2	7	6
Lontra canadensis	PLA		1	0	0	0	0	0.2
Lontra canadensis	SKE		1	0	0	1	1	1
Lontra canadensis	SKI		40528	57538	38375	50026	47037	46700.8
Lontra canadensis	SKI	kg	0	1	0	0	0	0.200
Lontra canadensis	SKP		507	0	3	840	2	270.4
Lontra canadensis	SKU		34	48	22	32	110	49
Lontra canadensis	TAI		1	497	70	0	479	209.4
Lontra canadensis	TEE		468	623	320	1616	896	785
Lontra canadensis	TRO		24	11	11	6	2	10.8
Lontra canadensis	UNS		0	1	0	0	0	0.200
Lontra felina	BOD	m	0	0	0.01	0	0	0.002
Lutra spp.	BOD		0	0	0	7	0	1
Lutra spp.	GAR		1	1	0	0	0	0.4
Lutra spp.	SKI		7938	0	0	230	0	1634
Lutra spp.	SKP		6	0	0	282	901	237.8
Lutra spp.	SKU		0	0	0	34	0	7
Lutra spp.	TAI		0	0	0	558	0	111.6
Lutra spp.	TRO		0	0	0	5	0	1
Lutra maculicollis	LIV		8	9	16	3	1	7.4
Lutra maculicollis	SKU		0	0	0	0	1	0.200
Lutra maculicollis	TRO		0	0	0	1	1	0.4
Civettictis civetta	SKU		0	0	0	1	0	0.200
Civettictis civetta	TRO		0	0	0	83	2	17
Cryptoprocta ferox	LIV		7	24	24	12	4	14
Cryptoprocta ferox	SKE		0	1	0	0	0	0.2
Cryptoprocta ferox	SKU		0	1	0	0	0	0.200
Cynogale bennettii	BOD		0	10	0	0	0	2
Cynogale bennettii	SKU		0	0	0	34	0	7
Eupleres goudotii	LIV		0	10	5	0	0	3
Fossa fossana	LIV		0	10	21	0	0	6
Hemigalus derbyanus	LIV		0	1	0	0	0	0.2
Paradoxurus hermaphroditus	LIV		0	1	0	0	0	0.200
Felidae spp.	BOD		46	1	0	0	0	9.4
Felidae spp.	CLA		24	0	0	0	4	6
Felidae spp.	FOO		611	0	0	0	0	122.2
Felidae spp.	GAR		1	0	0	0	0	0.200
Felidae spp.	MEA		1	0	0	0	0	0.2
Felidae spp.	MEA	kg	210	0	0	0	0	42
Felidae spp.	SKI		765	2	2	3	3	155
Felidae spp.	SKU		156	1	1	0	0	32
Felidae spp.	TEE		202	0	0	0	6	41.6
Felidae spp.	TRO		1	1	1	1	0	1
Felidae hybrid	LIV		0	1	0	0	0	0.2
Caracal caracal	BOD		5	7	4	2	0	4
Caracal caracal	BON		0	1	1	0	0	0.4
Caracal caracal	CLA		0	0	0	4	0	1
Caracal caracal	FOO		0	8	8	0	0	3.2
Caracal caracal	LIV		6	4	10	10	3	7
Caracal caracal	PLA		0	1	1	0	3	1
Caracal caracal	SKE		0	0	0	0	3	1

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Caracal caracal	SKI		113	101	89	102	83	97.6
Caracal caracal	SKP		0	0	0	1	1	0.400
Caracal caracal	SKU		108	51	71	56	147	86.6
Caracal caracal	TEE		2	0	0	0	0	0.400
Caracal caracal	TRO		148	252	277	406	499	316.4
Caracal caracal	TRO	kg	0	0	1	0	0	0.200
Catopuma badia	BOD		0	0	2	0	0	0.4
Catopuma badia	LIV		0	2	0	0	0	0.400
Catopuma temminckii	LIV		0	0	2	0	0	0.4
Felis spp.	BOD		1	0	1	0	0	0.400
Felis spp.	CLA		0	4	0	1	0	1
Felis spp.	GAR		0	0	0	0	1	0.200
Felis spp.	LIV		1	4	0	0	0	1
Felis spp.	MEA	kg	24	0	0	0	0	5
Felis spp.	PLA		0	1	2	0	0	0.6
Felis spp.	SKI		25	6	86	10	0	25
Felis spp.	SKU		2	0	11	0	0	2.6
Felis spp.	TEE		0	2	11	26	0	8
Felis spp.	TRO		41	47	74	47	21	46
Felis chaus	TRO		1	0	0	0	0	0.200
Felis margarita	BOD		0	0	0	0	1	0.2
Felis margarita	LIV		0	0	3	5	0	2
Felis silvestris	BOD		0	13	0	2	1	3.2
Felis silvestris	BON		0	2	1	0	0	1
Felis silvestris	FOO		0	4	0	0	0	0.8
Felis silvestris	LIV		0	4	0	0	1	1
Felis silvestris	SKI		56	125	21	10	27	47.8
Felis silvestris	SKP		0	0	1	0	0	0.200
Felis silvestris	SKU		20	66	18	7	6	23.4
Felis silvestris	TEE		0	0	0	0	4	1
Felis silvestris	TRO		55	76	82	66	98	75.4
Felis silvestris libyca	BOD		0	0	1	0	0	0.200
Felis silvestris libyca	LIV		0	1	0	0	1	0.4
Felis silvestris libyca	PLA		0	0	0	1	0	0.200
Felis silvestris libyca	SKI		0	1	1	7	2	2.2
Felis silvestris libyca	SKU		0	0	0	3	5	2
Felis silvestris libyca	TRO		3	9	6	69	60	29.4
Herpailurus yaguarondi	SKE		0	0	0	0	1	0.200
Herpailurus yaguarondi	SKI		0	0	0	0	1	0.2
Leptailurus serval	BOD		1	7	0	0	0	2
Leptailurus serval	LIV		9	36	11	18	0	14.8
Leptailurus serval	SKE		0	1	0	0	0	0.200
Leptailurus serval	SKI		7	69	12	3	4	19
Leptailurus serval	SKU		8	32	11	1	3	11
Leptailurus serval	TRO		47	56	63	57	86	61.8
Lynx spp.	BOD		0	2	0	0	0	0.400
Lynx spp.	CLA		0	4	0	0	0	0.8
Lynx spp.	FOO		0	0	0	15	0	3
Lynx spp.	GAR		1	0	0	0	0	0.2
Lynx spp.	SKI		107	3	1	163	0	55
Lynx spp.	SKU		0	1	0	33	0	6.8
Lynx spp.	TEE		0	4	0	0	0	1
Lynx spp.	TRO		7	1	1	3	0	2.4
Lynx canadensis	BOD		84	319	171	89	1993	531
Lynx canadensis	BON		0	12	7	0	0	3.8
Lynx canadensis	CAR		0	30	0	0	0	6
Lynx canadensis	CLA		1	18	19	200	95	66.6
Lynx canadensis	FOO		611	599	249	1422	12	579
Lynx canadensis	GAR		17	266	300	203	722	301.6
Lynx canadensis	HAI		8	14	32	12	0	13
Lynx canadensis	HAP		0	0	102	0	0	20.4
Lynx canadensis	LIV		24	47	9	7	45	26
Lynx canadensis	MEA		0	0	0	0	2	0.4
Lynx canadensis	MEA	kg	11	0	0	0	5	3
Lynx canadensis	PLA		94	9	12	6	13	26.8
Lynx canadensis	SKI		7394	9939	15663	14664	14544	12441
Lynx canadensis	SKI	kg	0	2	0	354	0	71.2
Lynx canadensis	SKP		360	379	105	20	1856	544

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Lynx canadensis	SKU		153	156	226	370	186	218.2
Lynx canadensis	TAI		0	0	397	264	1006	333
Lynx canadensis	TEE		160	298	188	394	929	393.8
Lynx canadensis	TRO		89	81	82	119	127	100
Lynx canadensis	UNS		0	0	0	3	0	0.6
Lynx lynx	BOD		14	7	8	3	4	7
Lynx lynx	GAR		0	0	5	4	0	1.8
Lynx lynx	LIV		2	2	0	0	0	1
Lynx lynx	PLA		0	0	1	1	2	0.8
Lynx lynx	SKI		783	894	621	297	2	519
Lynx lynx	SKP		0	30	0	0	0	6
Lynx lynx	SKU		2	36	2	3	1	9
Lynx lynx	TEE		120	38	209	234	413	202.8
Lynx lynx	TRO		26	43	22	13	20	25
Lynx lynx	UNS		0	20	0	0	0	4
Lynx rufus	BOD		354	18	13	35	16	87
Lynx rufus	CLA		0	0	357	0	2	71.8
Lynx rufus	FOO		105	22	0	111	0	48
Lynx rufus	GAR		85	189	117	122	1494	401.4
Lynx rufus	HAI		0	1	0	0	0	0.200
Lynx rufus	HAP		0	0	24	0	0	4.8
Lynx rufus	LIV		325	0	1	0	257	117
Lynx rufus	MEA	kg	0	2.7	0	0	0	0.54
Lynx rufus	PLA		725	2	3	4	5	148
Lynx rufus	SKI		18464	17517	24152	20659	33148	22788
Lynx rufus	SKP		236	151	43	1238	400	414
Lynx rufus	SKP	kg	0	54	4	820	0	175.6
Lynx rufus	SKU		31	23	21	35	40	30
Lynx rufus	TAI		112	867	810	1375	1891	1011
Lynx rufus	TEE		0	230	354	390	418	278
Lynx rufus	TRO		44	29	31	26	26	31.2
Lynx rufus	UNS		1	2	0	1	0	1
Lynx rufus escuinapae	BOD		0	2	0	0	0	0.4
Lynx rufus escuinapae	SKI		1	2	0	0	1	1
Lynx rufus escuinapae	TRO		0	0	1	0	0	0.2
Oncifelis colocolo	BOD		0	0	0	2	0	0.400
Oncifelis guigna	BOD		1	0	0	2	0	0.6
Otocolobus manul	BOD		0	2	0	0	0	0.400
Otocolobus manul	LIV		1	10	6	0	6	4.6
Panthera leo	BOC		1	0	0	0	0	0.200
Panthera leo	BOD		2	18	2	4	0	5.2
Panthera leo	BON		0	6	0	0	2	2
Panthera leo	CAR		0	6	0	32	0	7.6
Panthera leo	CLA		108	294	101	34	81	124
Panthera leo	CLO		8	0	0	0	0	1.6
Panthera leo	FOO		0	56	8	1	4	14
Panthera leo	GAR		1	0	0	0	0	0.2
Panthera leo	HAI		0	0	0	0	50	10
Panthera leo	LIV		29	11	4	40	29	22.6
Panthera leo	PLA		17	13	4	17	6	11
Panthera leo	SKE		0	1	3	0	0	0.8
Panthera leo	SKI		185	205	67	33	26	103
Panthera leo	SKP		2	2	2	0	0	1.2
Panthera leo	SKU		109	152	69	31	9	74
Panthera leo	SKU	kg	0	0	0	0	0.4	0.08
Panthera leo	TAI		1	1	0	0	0	0.400
Panthera leo	TEE		231	203	296	4	4	147.6
Panthera leo	TRO		513	605	443	440	446	489
Panthera pardus	TRO		0	0	0	0	1	0.2
Prionailurus bengalensis	BOD		2	1	0	0	0	1
Prionailurus bengalensis	GAR		0	0	0	0	1	0.2
Prionailurus bengalensis	LIV		6	0	0	2	0	2
Prionailurus bengalensis	PLA		2110	6669	1012	7735	1961	3897.4
Prionailurus bengalensis	SKI		5251	19470	6077	1400	5366	7513
Prionailurus bengalensis	SKP		0	0	2298	0	0	459.6
Prionailurus bengalensis	TRO		0	0	0	2	0	0.400
Prionailurus bengalensis chinensis	GAR		1	14	38	123	114	58
Prionailurus bengalensis chinensis	PLA		6571	7841	20843	16548	15305	13422

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Prionailurus bengalensis chinensis	SKI		15350	34745	17382	14559	20840	20575.2
Prionailurus bengalensis chinensis	SKP		0	400	500	0	330	246
Prionailurus viverrinus	SKI		0	4	0	0	0	0.8
Profelis aurata	LIV		0	10	2	0	0	2
Profelis aurata	SKU		0	0	0	2	2	0.8
Profelis aurata	TRO		2	1	0	0	0	1
Puma concolor	BOD		4	41	23	39	25	26.4
Puma concolor	BON		0	1	0	0	0	0.200
Puma concolor	CLA		64	96	82	89	52	76.6
Puma concolor	FOO		0	0	1	1	0	0.400
Puma concolor	GAR		0	1	0	2	0	0.6
Puma concolor	LIV		2	1	2	2	4	2
Puma concolor	MEA		1	1	4	2	0	1.6
Puma concolor	MEA	kg	14	204	18	64	68	74
Puma concolor	PLA		17	11	13	28	15	16.8
Puma concolor	SKI		77	330	233	209	202	210
Puma concolor	SKP		4	0	1	3	1	1.8
Puma concolor	SKU		33	228	127	116	132	127
Puma concolor	TAI		0	0	0	0	1	0.2
Puma concolor	TEE		0	183	226	143	89	128
Puma concolor	TRO		214	203	172	147	206	188.4
Puma concolor	UNS		6	13	0	19	0	8
Puma concolor cougar	SKI		0	1	0	0	0	0.2
Puma concolor cougar	SKU		0	1	0	0	0	0.200
Arctocephalus spp.	LIV		0	0	1	0	0	0.2
Arctocephalus australis	LIV		12	0	1	15	38	13
Arctocephalus australis	SKU		1	0	0	0	0	0.2
Arctocephalus gazella	BON		1	0	0	0	5	1
Arctocephalus gazella	LIV		2	0	0	0	0	0.4
Arctocephalus gazella	SKP		0	0	2	0	0	0.400
Arctocephalus gazella	SKU		0	0	0	19	0	3.8
Arctocephalus gazella	TEE		100	112	0	0	112	65
Arctocephalus pusillus	GAB	kg	0	197	0	0	0	39.4
Arctocephalus pusillus	GEN		0	0	0	0	1	0.200
Arctocephalus pusillus	GEN	kg	262	306	225	428	329	310
Arctocephalus pusillus	LIV		24	20	71	22	4	28
Arctocephalus pusillus	MEA	kg	0	50	0	0	200	50
Arctocephalus pusillus	OIL	FLA	0	0	0	12	0	2
Arctocephalus pusillus	OIL	kg	30000	30000	0	0	0	12000
Arctocephalus pusillus	OIL	l	0	0	0	3420	2540	1192
Arctocephalus pusillus	SKI		2207	48736	20863	117409	22093	42261.6
Arctocephalus pusillus	SKP		0	300	0	8	8	63
Arctocephalus pusillus	SKU		0	0	100	1	2	20.6
Arctocephalus pusillus	TRO		0	0	4	1	0	1
Arctocephalus tropicalis	LIV		0	0	2	0	0	0.4
Mirounga leonina	BON		9	0	0	0	0	2
Mirounga leonina	SKU		0	6	0	0	0	1.2
Mirounga leonina	TEE		1	0	0	0	0	0.200
Orycteropus afer	SKI		1	0	0	0	0	0.2
Loxodonta africana	BOC		0	0	2	7	0	2
Loxodonta africana	BOD		1	0	0	10	0	2.2
Loxodonta africana	BON		18	45	109	10	6	38
Loxodonta africana	CAR		0	15	44	52	0	22.2
Loxodonta africana	CLA		0	0	6	0	0	1
Loxodonta africana	DER		0	0	0	1160	0	232
Loxodonta africana	EAR		77	301	385	26	96	177
Loxodonta africana	EAR	kg	0	0	2	0	0	0.4
Loxodonta africana	FOO		159	614	533	62	224	318
Loxodonta africana	GEN		0	0	1	0	0	0.2
Loxodonta africana	HAI		6	0	19	284	57	73
Loxodonta africana	HAI	kg	0	3	0	0	0	0.6
Loxodonta africana	HAP		0	24	78	99	129	66
Loxodonta africana	IVC		580	975	1518	627	556	851.2
Loxodonta africana	IVC	kg	1	4	31	0	0	7
Loxodonta africana	IVP		0	309	29	36	1	75
Loxodonta africana	LIV		10	32	32	60	54	38
Loxodonta africana	MEA		0	0	0	0	2	0.4
Loxodonta africana	PLA		1045	13	0	0	0	212

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Loxodonta africana	PLA	m2	0	10	0	0	0	2
Loxodonta africana	SKI		6019	3793	3973	882	739	3081
Loxodonta africana	SKI	m	6.132	0	0	0	4559.4	913.1064
Loxodonta africana	SKI	m2	1067	10	0	11204	4466	3349
Loxodonta africana	SKP		2475	12123	4671	1029	1334	4326.4
Loxodonta africana	SKP	kg	0	0	1	0	0	0.200
Loxodonta africana	SKP	m2	0	0	241.54	0	238.24	95.95594
Loxodonta africana	SKU		8	25	39	3	3	16
Loxodonta africana	TAI		34	129	145	19	37	72.8
Loxodonta africana	TEE		15	45	106	18	6	38
Loxodonta africana	TRO		407	458	378	402	371	403.2
Loxodonta africana	TUS		782	469	682	707	839	696
Loxodonta africana	TUS	kg	87781.4	6506.15	7257	0	27	20314.31
Loxodonta africana	UNS		1	0	0	0	0	0.200
Equus spp.	SKI		1	0	0	0	0	0.2
Equus hemionus	SKU		0	0	0	85	0	17
Equus hemionus	TRO		1	0	0	0	0	0.2
Equus zebra	SKI		1	5	0	0	0	1
Equus zebra hartmannae	BOD		0	1	0	1	1	0.6
Equus zebra hartmannae	BON		1	16	1	0	0	4
Equus zebra hartmannae	FOO		58	41	41	36	41	43.4
Equus zebra hartmannae	GEN		0	0	0	0	1	0.200
Equus zebra hartmannae	HOP		0	0	0	4	0	0.8
Equus zebra hartmannae	LIV		0	0	0	0	1	0.200
Equus zebra hartmannae	PLA		0	4	0	1	0	1
Equus zebra hartmannae	SKI		1616	1809	932	913	2091	1472
Equus zebra hartmannae	SKP		42	6	10	10	31	19.8
Equus zebra hartmannae	SKU		4	8	6	8	6	6
Equus zebra hartmannae	TAI		0	1	0	0	0	0.2
Equus zebra hartmannae	TEE		0	6	10	0	0	3
Equus zebra hartmannae	TRO		223	253	894	782	419	514.2
Equus zebra hartmannae	UNS		0	1	0	0	0	0.200
Tapirus terrestris	SKU		0	0	0	0	2	0.4
Ceratotherium simum	BOC		14	0	0	0	0	3
Ceratotherium simum	FOO		3	0	0	0	0	0.6
Ceratotherium simum	HOR		7	0	0	0	0	1
Ceratotherium simum	LIV		16	4	0	0	0	4
Ceratotherium simum	SKI		2	0	0	0	0	0.400
Ceratotherium simum	SKP		8	0	0	0	0	1.6
Ceratotherium simum	SKU		2	0	0	0	0	0.400
Ceratotherium simum	TAI		6	0	0	0	0	1.2
Ceratotherium simum	TRO		8	0	1	0	0	2
Ceratotherium simum simum	BOD		3	1	0	5	0	1.8
Ceratotherium simum simum	BON		42	1	2	0	5	10
Ceratotherium simum simum	CAR		6	0	1	0	0	1.4
Ceratotherium simum simum	FOO		144	130	113	4	15	81
Ceratotherium simum simum	GEN		1	0	0	0	0	0.2
Ceratotherium simum simum	HOP		1	0	0	0	0	0.200
Ceratotherium simum simum	HOR		84	75	95	3	11	53.6
Ceratotherium simum simum	LIV		20	14	20	11	46	22
Ceratotherium simum simum	PLA		0	4	0	0	0	0.8
Ceratotherium simum simum	SKE		1	0	0	0	0	0.200
Ceratotherium simum simum	SKI		23	47	46	3	1	24
Ceratotherium simum simum	SKP		33	3	14	0	0	10
Ceratotherium simum simum	SKP	kg	0	0	0	1.57	0	0.314
Ceratotherium simum simum	SKU		21	26	23	1	2	15
Ceratotherium simum simum	TAI		9	6	8	0	0	4.6
Ceratotherium simum simum	TRO		66	67	55	94	87	74
Pecari tajacu	GAR		3300	3684	743	5842	9806	4675
Pecari tajacu	LIV		2	0	0	0	0	0.400
Pecari tajacu	SKI		61031	51527	45093	52328	41878	50371.4
Pecari tajacu	SKI	kg	0	590	12	0	40	128
Pecari tajacu	SKP	kg	0	490	0	0	40	106
Pecari tajacu	TRO		8	27	0	0	1	7
Tayassu pecari	BOD		0	0	0	1	0	0.2
Tayassu pecari	GAR		0	0	704	1307	2518	906
Tayassu pecari	LIV		2	1	0	0	0	0.6
Tayassu pecari	MEA	kg	0	0	0	0	75	15

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Tayassu pecari	SKI		27087	20007	17642	10541	8807	16816.8
Tayassu pecari	SKI	kg	0	2271	45	0	130	489
Tayassu pecari	SKP		0	76	0	0	0	15.2
Tayassu pecari	SKP	kg	0	310	0	0	15	65
Tayassu pecari	SKU		2	1	0	0	0	0.6
Tayassu pecari	TEE		0	0	1	0	0	0.200
Tayassu pecari	TRO		5	35	0	1	0	8.2
Hippopotamus amphibius	BOC		0	3	0	0	0	1
Hippopotamus amphibius	BON		0	2	9	0	1	2.4
Hippopotamus amphibius	CAR		3643	2	396	217	695	991
Hippopotamus amphibius	CAR	kg	0	0.6	0	0	0	0.12
Hippopotamus amphibius	FOO		55	143	84	13	8	61
Hippopotamus amphibius	GEN		0	0	1	0	0	0.2
Hippopotamus amphibius	HAP		0	0	1	0	0	0.200
Hippopotamus amphibius	HOR		0	0	0	0	9	1.8
Hippopotamus amphibius	IVC		0	297	61	3	318	136
Hippopotamus amphibius	LIV		7	0	1	1	5	2.8
Hippopotamus amphibius	PLA		0	3	0	0	0	1
Hippopotamus amphibius	SKI		6478	1165	769	37	17	1693.2
Hippopotamus amphibius	SKI	kg	23	0	0	0	0	5
Hippopotamus amphibius	SKI	m2	11518	0	0.929	46.45	813.411	2475.758
Hippopotamus amphibius	SKP		40	1258	545	97	121	412
Hippopotamus amphibius	SKP	m2	0	359.244	0	0	0	71.849
Hippopotamus amphibius	SKU		27	45	54	8	16	30
Hippopotamus amphibius	TAI		2	8	3	1	1	3
Hippopotamus amphibius	TEE		10885	4092	3938	1108	383	4081
Hippopotamus amphibius	TEE	kg	13461	20513	12520	9167.7	10473.1	13226.97
Hippopotamus amphibius	TRO		341	565	349	377	475	421
Hippopotamus amphibius	TUS		345	617	615	334	112	404.6
Hippopotamus amphibius	TUS	kg	20	7	0	0	41	14
Lama guanicoe	CLO		5	0	10	0	0	3
Lama guanicoe	CLO	kg	2	0	0	0	0	0.360
Lama guanicoe	GAR		359	0	645	1	3	201.6
Lama guanicoe	GAR	(sk)	2750	0	0	48	0	560
Lama guanicoe	HAI	kg	2112.4	8	713	827.1	596.4	851.38
Lama guanicoe	MEA	kg	1908	0	0	0	0	382
Lama guanicoe	PLA		11	0	0	150	0	32.2
Lama guanicoe	SKI		1632	657	465	6	0	552
Vicugna vicugna	CLO		0	16.6	0	0	18	6.92
Vicugna vicugna	CLO	kg	0	235	0	0	0	47
Vicugna vicugna	CLO	m	69.45	27.05	30.58	71.51	88.5	57.418
Vicugna vicugna	CLO	m2	49	11	0	15	0	15
Vicugna vicugna	GAR		114	63	236	481	704	319.6
Vicugna vicugna	HAI		0	0	0	0	26	5
Vicugna vicugna	HAI	kg	1760.97	2007.2	2238.88	2788.02	3113.27	2381.669
Vicugna vicugna	HAP		0	22	0	0	0	4
Vicugna vicugna	LIV		100	0	0	0	0	20
Vicugna vicugna	PLA		0	0	0	0	47	9
Vicugna vicugna	SKI		0	0	0	0	2	0.4
Moschus spp.	DER		533	180	1034	452	548	549
Moschus spp.	DER	FLA	29400	0	0	2	0	5880.4
Moschus spp.	DER	kg	0	0	0	5	0	1
Moschus spp.	DER	l	0	0	0	0	0.025	0.005
Moschus spp.	DER	SHP	18200	1	0	21	0	3644
Moschus spp.	HOP		0	1	0	0	0	0.2
Moschus spp.	MUS		0	0	0	1	0	0.200
Moschus spp.	MUS	kg	0	0.085	0	0	0	0.017
Moschus berezovskii	DER	kg	0	0	0	0	1	0.129
Moschus berezovskii	DER	SHP	40	0	0	0	0	8
Moschus chrysogaster	DER		0	0	20000	20000	0	8000
Moschus chrysogaster	DER	SHP	0	20	0	0	0	4
Moschus moschiferus	BOD		0	1	0	0	0	0.200
Moschus moschiferus	DER		148000	179000	112050	680000	215000	266810
Moschus moschiferus	DER	kg	0	2	2	0	0	1
Moschus moschiferus	DER	SHP	1815	9764	5890	15500	0	6593.8
Moschus moschiferus	MUS	kg	60	70	55	44	31	52
Moschus moschiferus	SKU		0	0	0	1	0	0.2
Moschus moschiferus	TRO		0	4	1	2	1	2

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Cervus elaphus bactrianus	TRO		0	0	0	1	0	0.2
Ammotragus lervia	BON		0	0	0	0	8	2
Ammotragus lervia	SKI		1	1	1	3	1	1.4
Ammotragus lervia	SKU		2	0	5	2	1	2
Ammotragus lervia	TRO		15	41	45	41	52	38.8
Bison bison athabascae	BOD		0	0	0	1	0	0.200
Bison bison athabascae	FOO		0	0	4	0	0	0.8
Bison bison athabascae	HOP		0	0	0	2	0	0.400
Bison bison athabascae	LIV		0	0	4	14	0	3.6
Bison bison athabascae	MEA	kg	0	5	27	0	0	6
Bison bison athabascae	SKI		0	0	3	5	2	2
Bison bison athabascae	SKP		0	0	1	0	0	0.200
Bison bison athabascae	SKU		0	1	2	2	0	1
Bison bison athabascae	TEE		0	0	0	0	176	35
Bison bison athabascae	TRO		2	1	1	3	1	1.6
Budorcas taxicolor	TRO		9	4	3	5	3	5
Cephalophus spp.	CAR		0	0	0	3	0	0.6
Cephalophus spp.	SKI		0	1	0	0	0	0.200
Cephalophus spp.	SKU		0	203	3	0	0	41.2
Cephalophus spp.	TRO		0	1	1	20	0	4
Cephalophus dorsalis	BON		0	16	0	0	0	3.2
Cephalophus dorsalis	LIV		4	0	2	0	0	1
Cephalophus dorsalis	SKI		1	7	0	15	1	4.8
Cephalophus dorsalis	SKU		1	6	20	2	1	6
Cephalophus dorsalis	TRO		25	17	9	15	13	15.8
Cephalophus monticola	BOD		1	3	2	2	0	2
Cephalophus monticola	BON		0	96	0	0	0	19.2
Cephalophus monticola	HOR		0	4	0	1	0	1
Cephalophus monticola	LIV		17	4	7	0	2	6
Cephalophus monticola	SKI		37	15	6	3	5	13
Cephalophus monticola	SKP		2	0	3	0	0	1
Cephalophus monticola	SKU		9	12	7	5	5	8
Cephalophus monticola	TRO		172	155	162	127	141	151.4
Cephalophus ogilbyi	LIV		0	0	0	2	0	0.400
Cephalophus ogilbyi	SKU		0	1	0	0	0	0.2
Cephalophus ogilbyi	TRO		3	3	0	0	1	1
Cephalophus silvicultor	BON		0	1	0	0	0	0.2
Cephalophus silvicultor	LIV		0	1	1	0	0	0.400
Cephalophus silvicultor	SKI		2	1	1	0	0	0.8
Cephalophus silvicultor	SKU		2	3	1	0	0	1
Cephalophus silvicultor	TRO		17	18	10	24	6	15
Cephalophus zebra	SKI		0	1	0	0	0	0.200
Cephalophus zebra	SKU		0	1	0	0	0	0.2
Cephalophus zebra	TRO		2	7	0	0	0	2
Damaliscus pygargus	LIV		20	0	0	0	0	4
Damaliscus pygargus	SKI		0	1	0	0	0	0.200
Damaliscus pygargus	SKU		0	3	0	0	0	0.6
Damaliscus pygargus	TRO		4	14	11	2	3	7
Damaliscus pygargus pygargus	BOD		0	0	1	0	0	0.2
Damaliscus pygargus pygargus	FOO		4	0	0	0	4	2
Damaliscus pygargus pygargus	GAR		0	0	1	0	0	0.2
Damaliscus pygargus pygargus	HOR		2	0	0	0	0	0.400
Damaliscus pygargus pygargus	LIV		4	8	0	0	0	2.4
Damaliscus pygargus pygargus	SKI		30	5	9	2	1	9
Damaliscus pygargus pygargus	SKP		33	0	0	0	1	6.8
Damaliscus pygargus pygargus	SKU		8	2	3	3	1	3
Damaliscus pygargus pygargus	TEE		46	0	0	0	0	9.2
Damaliscus pygargus pygargus	TRO		7367	164	152	160	174	1603
Kobus leche	BOD		2	1	1	0	0	0.8
Kobus leche	FOO		9	4	4	4	4	5
Kobus leche	GAR		0	0	1	0	0	0.2
Kobus leche	GEN		0	0	1	0	0	0.200
Kobus leche	HOR		3	6	7	6	4	5.2
Kobus leche	LIV		21	3	0	0	0	5
Kobus leche	SKI		23	11	15	11	7	13.4
Kobus leche	SKP		33	1	5	2	0	8
Kobus leche	SKU		56	41	20	7	7	26.2
Kobus leche	TAI		1	1	0	0	0	0.400

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Kobus leche	TRO		383	397	301	331	319	346.2
Kobus leche	UNS		0	0	0	0	4	1
Kobus leche kafuensis	FOO		0	8	0	0	8	3.2
Kobus leche kafuensis	HOR		6	0	2	0	0	2
Kobus leche kafuensis	MEA	kg	0	0	0	7	0	1.4
Kobus leche kafuensis	SKI		3	9	0	0	2	3
Kobus leche kafuensis	SKU		8	19	3	0	4	6.8
Kobus leche kafuensis	TRO		116	22	41	44	86	62
Kobus leche smithemani	FOO		4	8	0	0	4	3.2
Kobus leche smithemani	SKI		5	6	1	1	0	3
Kobus leche smithemani	SKU		6	10	2	1	1	4
Kobus leche smithemani	TRO		71	17	14	4	17	25
Ovis spp.	SKI		7	0	0	0	0	1.4
Ovis spp.	SKU		6	0	0	0	0	1
Ovis spp.	TRO		2	0	0	0	0	0.4
Ovis ammon	BOD		60	0	1	0	0	12
Ovis ammon	HOR		0	6	0	2	1	1.8
Ovis ammon	LIV		0	1	0	0	0	0.200
Ovis ammon	SKI		3	6	0	7	1	3.4
Ovis ammon	SKP		29	0	1	0	0	6
Ovis ammon	SKU		5	3	2	8	1	3.8
Ovis ammon	TEE		48	0	0	0	0	10
Ovis ammon	TRO		53	83	50	72	86	68.8
Ovis ammon ammon	SKI		0	0	1	0	0	0.200
Ovis ammon ammon	SKU		0	0	1	0	0	0.2
Ovis ammon ammon	TRO		20	15	13	8	0	11
Ovis ammon dalailamae	SKI		0	2	0	0	0	0.4
Ovis ammon dalailamae	SKU		0	2	0	0	0	0.400
Ovis ammon dalailamae	TRO		10	10	3	10	8	8.2
Ovis ammon darwini	HOR		4	0	0	0	0	1
Ovis ammon darwini	SKI		0	2	0	0	0	0.4
Ovis ammon darwini	SKU		0	2	0	0	0	0.400
Ovis ammon darwini	TRO		43	34	33	0	0	22
Ovis ammon karelini	TRO		8	5	3	6	2	5
Ovis canadensis	BOD		0	0	0	0	1	0.2
Ovis canadensis	HOR		0	2	0	0	0	0.400
Ovis canadensis	SKI		0	0	1	0	0	0.2
Ovis canadensis	SKU		2	0	0	0	0	0.400
Ovis canadensis	TRO		60	75	70	85	63	70.6
Ovis vignei	HOR		0	0	2	10	0	2
Ovis vignei	SKI		0	0	3	6	0	1.8
Ovis vignei	SKU		0	0	3	4	0	1
Ovis vignei	TRO		0	3	33	38	27	20.2
Saiga tatarica	DER		220800	313250	707378	22	0	248290
Saiga tatarica	DER	FLA	0	7	0	0	0	1.4
Saiga tatarica	DER	kg	640	572	980	191	242	525
Saiga tatarica	DER	SHP	1421	500306	603	0	0	100466
Saiga tatarica	HOR		0	2	0	1	0	1
Saiga tatarica	HOR	kg	0	0	19000	3000	7500	5900
Saiga tatarica	LIV		40	0	26	0	0	13
Saiga tatarica	POW	kg	0	10	0	0	0	2
Saiga tatarica	SKU		0	0	1	0	0	0.200
Saiga tatarica	TRO		2	1	0	1	0	0.8
AVES								
Rhea americana	EGG		0	0	0	0	4	1
Rhea americana	FEA		0	1	1	0	0	0.4
Rhea americana	GAR	kg	1	0	0	0	0	0.220
Rhea americana	LIV		3	0	0	0	0	0.6
Rhea americana	LPS		8	0	0	0	0	2
Rhea americana	SKE		0	0	0	0	2	0.4
Rhea americana	SKI		7	6	0	0	2	3
Rhea americana	SKP		0	0	24000	0	0	4800
Rhea americana	SKP	kg	1	0	0	0	0	0.100
Rhea americana	SPE		0	77	0	0	8	17
Rhea americana albescens	FEA	kg	0	40	40	0	40	24
Rhea americana albescens	LPS		0	0	0	0	2	0.4
Rhea americana albescens	LPS	kg	0	0	0	0	0	0.001
Rhea americana albescens	SKI		0	6	0	0	0	1.2

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Rhea americana albescens	SKP		0	80600	58008	15	1000	27925
Rhea americana albescens	SKP	kg	0	0	0	0.396	0	0.079
Rhea americana albescens	SPE		0	77	1	0	0	16
Spheniscus demersus	BOD		0	0	0	0	3	0.6
Spheniscus demersus	FEA		0	17	6	0	0	5
Spheniscus demersus	LIV		0	0	0	1	1	0.4
Spheniscus demersus	SKU		0	0	0	0	1	0.200
Spheniscus demersus	SPE		0	0	6	200	100	61.2
Balaeniceps rex	BOD		1	0	0	0	0	0.200
Balaeniceps rex	LIV		4	12	5	0	16	7.4
Ciconia nigra	BOD		0	0	0	2	0	0.400
Ciconia nigra	LIV		0	1	2	3	2	1.6
Eudocimus ruber	FEA		4	0	0	0	0	1
Eudocimus ruber	SPE		0	0	0	4	0	0.8
Geronticus calvus	BOD		0	0	1	1	0	0.400
Geronticus calvus	SKU		0	0	0	0	1	0.2
Geronticus calvus	TRO		0	0	0	1	0	0.200
Platalea leucorodia	LIV		0	0	0	0	40	8
Phoenicopteridae spp.	FEA		6990	0	4	0	0	1399
Phoenicopteridae spp.	GAR		1	0	0	0	0	0.2
Phoenicopus minor	BOD		0	0	0	4	0	1
Phoenicopus minor	LIV		1244	2022	803	855	603	1105.4
Phoenicopus minor	SKI		20	40	0	0	0	12
Phoenicopus minor	SPE		0	0	2	76	0	15.6
Phoenicopus minor	SPE	kg	0	0	8	0	0	2
Phoenicopus minor	TRO		1	0	0	0	0	0.2
Phoenicopus ruber	BOD		0	1	0	0	0	0.200
Phoenicopus ruber	LIV		527	1122	851	380	429	661.8
Phoenicopus ruber	SKI		0	20	0	0	0	4
Phoenicopus ruber	SPE		0	6	0	0	0	1.2
Phoenicopus ruber roseus	LIV		0	32	10	93	0	27
Alopochen aegyptiacus	TRO		0	0	0	1	0	0.2
Anas bernieri	FEA		0	0	50	0	0	10
Anas capensis	BOD		0	0	0	2	8	2
Anas capensis	MEA		0	0	6	0	0	1
Anas capensis	SPE		0	0	12	0	0	2.4
Anas capensis	TRO		0	0	1	0	0	0.200
Anas formosa	TRO		0	0	1	0	0	0.2
Anas querquedula	SPE		0	6	0	0	0	1
Aythya nyroca	SPE		0	4	0	0	0	0.8
Branta canadensis leucopareia	BOD		0	1	0	0	0	0.200
Cairina moschata	SKE		0	0	0	1	0	0.2
Coscoroba coscoroba	FEA		0	50	0	0	0	10
Dendrocygna autumnalis	LIV		0	0	0	40	0	8
Dendrocygna bicolor	LIV		0	0	0	10	0	2
Dendrocygna viduata	LIV		0	0	0	10	0	2
Dendrocygna viduata	SKI		0	0	0	0	9	2
Dendrocygna viduata	SKU		0	0	0	0	8	1.6
Dendrocygna viduata	TRO		0	0	0	0	3	1
Nettapus auritus	LIV		0	0	40	0	0	8
Pteronetta hartlaubii	TRO		0	0	0	1	0	0.200
Sarkidiornis melanotos	BOD		2	1	0	0	0	0.6
Sarkidiornis melanotos	LIV		0	10	2	0	0	2
Sarkidiornis melanotos	SKI		2	0	0	0	2	0.8
Sarkidiornis melanotos	SPE		0	2	0	0	0	0.400
Sarkidiornis melanotos	TRO		2	4	3	6	4	3.8
Falconiformes spp.	BOD		1	0	0	0	1	0.400
Falconiformes spp.	FEA		0	0	2	0	20	4.4
Falconiformes spp.	LIV		2	0	2	0	0	1
Falconiformes spp.	SKU		1	0	0	0	0	0.2
Falconiformes spp.	SPE		1	0	0	0	0	0.200
Pandion haliaetus	BOD		1	0	0	2	0	0.6
Pandion haliaetus	CLA		0	0	0	1	0	0.200
Pandion haliaetus	EGG		2	0	0	0	15	3.4
Pandion haliaetus	LIV		5	0	0	0	0	1
Pandion haliaetus	SPE		10	1	27	25	1	12.8
Accipitridae spp.	BOD		0	0	0	1	0	0.200
Accipitridae spp.	FEA		0	1	1	0	0	0.4

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Accipitridae spp.	FOO		2	0	0	0	0	0.400
Accipitridae spp.	UNS		0	6	0	0	0	1.2
Accipiter spp.	CLA		0	3	0	0	0	1
Accipiter spp.	FEA		0	0	0	6	0	1.2
Accipiter spp.	FOO		0	2	0	0	0	0.400
Accipiter spp.	LIV		0	1	0	0	0	0.2
Accipiter spp.	SKU		0	1	0	0	0	0.200
Accipiter spp.	SPE		0	0	0	0	1	0.2
Accipiter badius	BOD		0	0	0	1	0	0.200
Accipiter badius	LIV		0	0	20	20	51	18.2
Accipiter badius	SPE		0	0	1	2	0	1
Accipiter bicolor	SKE		0	1	0	0	0	0.2
Accipiter bicolor	SPE		3	5	0	0	2	2
Accipiter castanilius	SPE		0	0	0	2	1	0.6
Accipiter cirrocephalus	BOD		1	0	0	0	0	0.200
Accipiter cirrocephalus	SPE		2	0	0	0	0	0.4
Accipiter cooperii	FEA		5	0	32	0	0	7
Accipiter cooperii	SPE		45	0	0	34	0	15.8
Accipiter cooperii	SPE	FLA	0	0	0	38	0	8
Accipiter cooperii	SPE	I	0	0	0.02	0	0	0.004
Accipiter cooperii	TRO		0	1	0	0	0	0.200
Accipiter erythronemius	SPE		0	0	2	0	0	0.4
Accipiter erythropus	LIV		0	0	20	0	0	4
Accipiter fasciatus	BOD		1	0	0	0	0	0.2
Accipiter fasciatus	SKI		0	0	1	0	0	0.200
Accipiter fasciatus	SPE		0	0	1	0	0	0.2
Accipiter fasciatus	SPE	I	0	0	0	0	0	0.000
Accipiter francesii	SKE		0	0	1	0	0	0.2
Accipiter francesii	SPE		0	0	0	0	4	1
Accipiter francesii	SPE	kg	0	0	0.001	0	0	0.000
Accipiter gentilis	BOD		2	5	3	3	1	3
Accipiter gentilis	FEA		0	0	36	71	241	69.6
Accipiter gentilis	LIV		143	227	211	185	12	156
Accipiter gentilis	SKI		2	0	0	0	1	0.6
Accipiter gentilis	SPE		6	0	0	1	51	12
Accipiter gentilis	SPE	kg	0	0	0	0.001	0	0.000
Accipiter gularis	BOD		0	0	0	0	1	0.200
Accipiter gularis	SKE		0	1	0	0	0	0.2
Accipiter gularis	SKI		0	1	0	0	0	0.200
Accipiter gularis	SPE		0	3	0	4	1	1.6
Accipiter henstii	SPE	I	0	0	0	0	0	0.000
Accipiter madagascariensis	LIV		0	0	0	1	0	0.2
Accipiter melanochlamys	SPE		0	0	0	1	0	0.200
Accipiter melanoleucus	LIV		0	21	20	4	4	9.8
Accipiter minullus	LIV		0	0	35	60	47	28
Accipiter minullus	TRO		0	0	0	0	1	0.2
Accipiter nisus	BOD		3	2	6	5	3	4
Accipiter nisus	LIV		9	59	68	65	100	60.2
Accipiter nisus	SKE		0	3	0	0	0	1
Accipiter nisus	SKI		4	0	0	0	1	1
Accipiter nisus	SPE		3	3	0	1	2	2
Accipiter novaehollandiae	SPE		0	0	0	0	1	0.2
Accipiter ovampensis	LIV		0	0	0	0	1	0.200
Accipiter poliocephalus	FEA		0	0	0	0	1	0.2
Accipiter poliocephalus	SPE		0	0	1	0	1	0.400
Accipiter rufiventris	BOD		0	0	0	1	0	0.2
Accipiter rufiventris	TRO		0	0	0	1	2	1
Accipiter soloensis	BOD		0	0	0	2	0	0.4
Accipiter soloensis	SKE		0	1	0	0	0	0.200
Accipiter soloensis	SKI		0	1	0	0	0	0.2
Accipiter soloensis	SPE		0	3	0	0	0	1
Accipiter striatus	BOD		1	0	0	0	2	0.6
Accipiter striatus	FEA		40	0	0	0	0	8
Accipiter striatus	SPE		1	0	0	1	33	7
Accipiter superciliosus	BOD		0	1	0	1	1	1
Accipiter superciliosus	SPE		0	1	1	0	2	0.8
Accipiter tachiro	BOD		0	0	1	0	1	0.400
Accipiter tachiro	SKI		0	0	0	0	4	0.8

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Accipiter tachiro	SPE		7	0	1	2	8	4
Accipiter tachiro	TRO		0	0	0	1	0	0.2
Accipiter toussenelii	LIV		0	0	10	0	10	4
Accipiter virgatus	SPE		0	0	1	0	0	0.2
Aegypius monachus	BOD		0	2	0	0	0	0.400
Aegypius monachus	FEA		0	149	0	0	0	29.8
Aegypius monachus	FEA	kg	0	0	35	0	0	7
Aegypius monachus	SPE		0	0	28	5	0	6.6
Aegypius monachus	TRO		0	0	1	1	1	1
Aquila spp.	FEA		12	0	0	4	44	12
Aquila adalberti	SPE		0	298	0	0	0	60
Aquila audax	FEA		15	5	0	0	0	4
Aquila audax	SPE		0	0	0	0	1	0.200
Aquila audax	SPE	l	0	0.001	0	0	0	0.000
Aquila audax	UNS		0	0	0	0	1	0.200
Aquila chrysaetos	BOD		0	0	1	2	0	0.6
Aquila chrysaetos	CLA		1	0	0	0	1	0.400
Aquila chrysaetos	FEA		817	41	144	36	223	252.2
Aquila chrysaetos	LIV		29	6	7	7	1	10
Aquila chrysaetos	SKI		0	152	0	0	0	30.4
Aquila chrysaetos	SPE		0	29	2	20	0	10
Aquila chrysaetos	SPE	kg	0	0	0	0	0.005	0.001
Aquila chrysaetos	SPE	l	0	0	0	0	0	0.000
Aquila chrysaetos	UNS		0	4	9	0	0	2.6
Aquila clanga	LIV		0	0	0	0	1	0.200
Aquila heliaca	BOD		0	0	0	0	1	0.2
Aquila nipalensis	FEA		0	14	28	0	462	101
Aquila nipalensis	LIV		70	4	0	0	1	15
Aquila nipalensis	SKI		0	0	0	1	0	0.200
Aquila nipalensis	SPE		0	16	46	4	40	21.2
Aquila pomarina	BOD		0	0	0	0	1	0.200
Aquila pomarina	LIV		4	4	2	0	0	2
Aquila rapax	BOD		1	0	0	0	0	0.200
Aquila rapax	FEA		0	0	0	0	2	0.4
Aquila rapax	LIV		99	110	81	13	8	62
Aquila rapax	SKI		0	0	0	2	0	0.4
Aquila rapax	SKU		0	0	0	0	1	0.200
Aquila rapax	SPE		0	8	19	12	0	7.8
Aquila verreauxii	LIV		1	0	28	1	0	6
Aquila wahlbergi	FEA		0	7	0	0	1	1.6
Aquila wahlbergi	LIV		30	4	10	1	2	9
Asturina nitida	SPE		0	1	0	0	0	0.2
Aviceda cuculoides	LIV		0	0	10	0	0	2
Aviceda jerdoni	BOD		0	0	0	0	1	0.2
Aviceda jerdoni	SPE		0	0	0	0	1	0.200
Aviceda leuphotes	BOD		0	0	0	0	1	0.2
Aviceda leuphotes	SPE		0	0	0	0	1	0.200
Aviceda subcristata	FEA		0	1	0	0	0	0.2
Busarellus nigricollis	SPE		1	2	0	0	0	1
Butastur rufipennis	LIV		0	1	0	18	0	3.8
Butastur rufipennis	SKI		0	1	0	0	0	0.200
Butastur rufipennis	SPE		1	0	0	0	0	0.2
Butastur rufipennis	TRO		0	1	0	0	0	0.200
Buteo spp.	BOD		1	0	0	2	1	0.8
Buteo spp.	FEA		16	9	1	6	9	8
Buteo spp.	FOO		0	2	0	0	0	0.4
Buteo albicaudatus	BOD		0	0	1	0	0	0.200
Buteo albicaudatus	SKE		0	1	0	1	0	0.4
Buteo albicaudatus	SPE		0	0	0	2	0	0.400
Buteo albonotatus	LIV		43	48	0	0	0	18.2
Buteo albonotatus	SPE		1	1	0	0	0	0.400
Buteo auguralis	LIV		0	3	10	2	0	3
Buteo brachypterus	SPE	l	0	0	0	0	0	0.000
Buteo brachyurus	BOD		0	0	0	1	0	0.2
Buteo brachyurus	SPE		0	0	1	1	0	0.400
Buteo buteo	BOD		10	10	10	7	3	8
Buteo buteo	FEA		20	0	0	0	0	4
Buteo buteo	FOO		2	0	0	0	0	0.4

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Buteo buteo	LIV		49	42	0	0	0	18
Buteo buteo	SKE		0	2	0	0	0	0.4
Buteo buteo	SKI		16	0	0	0	2	4
Buteo buteo	SPE		1	2	1	1	6	2.2
Buteo buteo	UNS		0	0	0	1	0	0.200
Buteo galapagoensis	SPE		0	232	355	393	0	196
Buteo hemilasius	EGG		0	0	0	1	0	0.200
Buteo hemilasius	SPE		0	2	0	8	0	2
Buteo jamaicensis	BOD		0	2	2	0	2	1
Buteo jamaicensis	FEA		0	1	3	12	2	3.6
Buteo jamaicensis	LIV		0	0	0	3	0	1
Buteo jamaicensis	SKI		0	0	0	1	0	0.2
Buteo jamaicensis	SPE		0	253	21	319	0	119
Buteo jamaicensis	SPE	I	0	0	0.02	0	0	0.004
Buteo jamaicensis	TRO		0	1	0	0	1	0.400
Buteo jamaicensis	UNS		0	7	5	0	0	2.4
Buteo lagopus	BOD		2	1	2	1	0	1
Buteo lagopus	LIV		0	0	0	1	0	0.2
Buteo lagopus	SKI		1	0	1	0	0	0.400
Buteo lagopus	SPE		1	0	0	0	0	0.2
Buteo lineatus	SPE		0	3	0	0	0	1
Buteo magnirostris	BOD		0	0	0	3	3	1.2
Buteo magnirostris	LIV		0	4	0	0	0	1
Buteo magnirostris	SKE		1	1	0	2	0	0.8
Buteo magnirostris	SKI		1	1	0	0	1	1
Buteo magnirostris	SPE		3	5	1	2	4	3
Buteo oreophilus	BOD		0	0	0	0	1	0.200
Buteo oreophilus	LIV		0	5	0	0	0	1
Buteo platypterus	FEA		0	0	0	0	1	0.200
Buteo platypterus	LIV		33	26	0	0	0	11.8
Buteo platypterus	SKI		0	0	0	0	1	0.200
Buteo platypterus	SPE		0	1	0	1	0	0.4
Buteo poecilochrous	LIV		27	33	0	0	0	12
Buteo polyosoma	LIV		65	50	0	0	0	23
Buteo regalis	SPE		0	1	0	0	0	0.200
Buteo regalis	TRO		0	1	0	0	0	0.2
Buteo rufinus	FEA		0	50	0	0	0	10
Buteo rufinus	LIV		0	10	10	0	0	4
Buteo rufinus	TRO		0	1	0	0	0	0.200
Buteo rufofuscus	SPE		0	1	1	0	0	0.4
Buteo swainsoni	BOD		0	1	0	0	0	0.200
Buteo swainsoni	FEA		0	0	0	0	11	2.2
Buteo swainsoni	SKI		0	0	0	1	0	0.200
Buteo swainsoni	SPE		1	2	0	0	35	7.6
Buteogallus aequinoctialis	SPE		0	0	1	2	0	1
Buteogallus anthracinus	SPE		0	0	0	1	0	0.2
Buteogallus meridionalis	SKE		0	0	0	1	0	0.200
Buteogallus meridionalis	SKI		1	3	0	0	0	0.8
Buteogallus meridionalis	SPE		3	4	0	0	0	1
Buteogallus urubitinga	BOD		0	0	0	1	1	0.4
Buteogallus urubitinga	LIV		0	0	0	0	2	0.400
Buteogallus urubitinga	SPE		4	4	0	0	0	1.6
Chelictinia riocourii	LIV		0	10	0	0	0	2
Chondrohierax uncinatus	SPE		0	0	0	1	0	0.2
Circaetus cinereus	LIV		10	3	3	0	0	3
Circaetus cinereus	TRO		1	1	0	1	0	0.6
Circaetus gallicus	LIV		10	3	0	1	0	3
Circaetus gallicus	SPE		0	0	2	3	0	1
Circaetus gallicus	TRO		0	0	0	0	1	0.200
Circaetus pectoralis	LIV		0	0	0	1	0	0.2
Circus aeruginosus	BOD		1	1	2	0	3	1
Circus aeruginosus	SKI		0	1	0	0	0	0.2
Circus aeruginosus	SPE		1	1	0	1	1	1
Circus aeruginosus	TRO		1	1	0	0	0	0.4
Circus approximans	SPE		0	0	0	0	1	0.200
Circus assimilis	SPE		0	0	1	0	0	0.2
Circus buffoni	SKE		0	0	0	1	0	0.200
Circus buffoni	SPE		0	0	0	0	1	0.2

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Circus cyaneus	BOD		2	0	0	0	0	0.400
Circus cyaneus	SPE		4	0	0	1	0	1
Circus macrourus	LIV		0	0	0	2	1	1
Circus pygargus	BOD		0	1	0	0	0	0.2
Circus ranivorus	TRO		1	0	0	0	0	0.200
Dryotriorchis spectabilis	LIV		0	1	0	0	0	0.2
Elanoides forficatus	FEA		10	0	0	0	0	2
Elanoides forficatus	SKE		0	1	0	0	0	0.2
Elanoides forficatus	SPE		10	1	0	0	0	2
Elanus axillaris	LIV		50	0	0	0	0	10
Elanus axillaris	SPE		0	0	0	0	1	0.200
Elanus caeruleus	BOD		1	0	0	0	2	0.6
Elanus caeruleus	LIV		2	0	25	35	0	12
Elanus caeruleus	SKE		0	1	0	0	0	0.2
Elanus caeruleus	SKI		0	1	0	0	0	0.200
Elanus caeruleus	SKU		0	0	0	0	2	0.4
Elanus caeruleus	SPE		0	3	5	0	2	2
Elanus caeruleus	TRO		0	1	0	0	0	0.2
Elanus leucurus	TRO		0	1	0	0	0	0.200
Eutriorchis astur	SPE	I	0.005	0	0	0	0	0.001
Gampsonyx swainsonii	SKI		0	1	0	0	0	0.200
Gampsonyx swainsonii	SPE		0	0	1	0	0	0.2
Geranoaetus melanoleucus	FEA		0	0	0	23	0	5
Geranoaetus melanoleucus	LIV		116	75	0	4	2	39.4
Geranoaetus melanoleucus	SPE		0	0	0	0	2	0.400
Geranospiza caerulescens	BOD		0	0	0	1	1	0.4
Geranospiza caerulescens	SKI		1	1	0	0	0	0.400
Geranospiza caerulescens	SPE		4	6	0	1	0	2.2
Gypaetus barbatus	LIV		3	9	3	0	1	3
Gypaetus barbatus	SPE		0	0	0	1	0	0.2
Gypohierax angolensis	LIV		174	178	52	15	40	92
Gypohierax angolensis	SPE		1	0	0	0	0	0.2
Gyps africanus	LIV		80	200	140	126	135	136
Gyps africanus	SKU		0	0	0	0	1	0.2
Gyps africanus	SPE		0	41	109	31	0	36
Gyps africanus	SPE	FLA	0	0	0	0	2	0.4
Gyps africanus	TRO		0	1	0	0	0	0.200
Gyps bengalensis	EGG		0	0	1	0	0	0.2
Gyps bengalensis	FEA		0	0	16	0	0	3
Gyps bengalensis	SPE		0	1	524	840	182	309.4
Gyps coprotheres	BOD		0	0	3	0	0	1
Gyps coprotheres	LIV		0	0	2	5	8	3
Gyps fulvus	BOD		0	2	0	0	0	0.400
Gyps fulvus	FEA		0	0	8	0	0	1.6
Gyps fulvus	LIV		11	1	2	6	0	4
Gyps fulvus	SKI		0	0	5	0	0	1
Gyps fulvus	SPE		1	0	8	0	0	2
Gyps himalayensis	LIV		0	0	0	6	0	1.2
Gyps indicus	SPE		0	0	20	16	0	7
Gyps rueppellii	LIV		113	236	83	16	4	90.4
Haliaeetus leucocephalus	FEA		0	0	1	0	0	0.200
Haliaeetus leucocephalus	LIV		0	2	0	0	0	0.4
Haliaeetus leucogaster	SPE		0	0	0	1	0	0.200
Haliaeetus pelagicus	FEA		0	6	0	0	0	1.2
Haliaeetus pelagicus	LIV		11	6	7	1	0	5
Haliaeetus pelagicus	SPE		0	360	220	0	0	116
Haliaeetus vocifer	BOD		0	0	0	1	0	0.200
Haliaeetus vocifer	LIV		18	25	6	4	8	12.2
Haliaeetus vocifer	SKI		0	0	0	1	0	0.200
Haliaeetus vocifer	SPE		7	0	2	0	0	1.8
Haliaeetus vocifer	SPE	FLA	0	0	0	12	0	2
Haliaeetus vocifer	SPE	I	0	0	0	0.012	0	0.002
Haliaeetus vocifer	TRO		0	0	1	1	0	0.400
Haliaeetus vociferoides	SPE		35	0	0	0	0	7
Haliaeetus vociferoides	SPE	I	0	0	0	0	0	0.022
Haliastur indus	BOD		0	0	0	0	1	0.2
Haliastur indus	FEA		0	1	0	0	0	0.200
Haliastur indus	LIV		4	0	0	0	0	0.8

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Haliastur indus	SPE		0	3	0	6	7	3
Hamirostra melanosternon	SPE		0	0	0	2	0	0.4
Harpagus bidentatus	BOD		0	0	0	1	1	0.400
Harpagus bidentatus	SPE		0	0	1	0	0	0.2
Harpyhaliaetus coronatus	SPE		0	1	1	0	0	0.400
Harpyopsis spp.	FEA		0	0	0	0	1	0.2
Harpyopsis novaeguineae	FEA		3	0	0	0	0	1
Harpyopsis novaeguineae	SPE		0	0	0	1	0	0.2
Hieraaetus ayresii	LIV		0	0	1	1	1	1
Hieraaetus fasciatus	BOD		0	0	0	0	1	0.2
Hieraaetus fasciatus	FEA		0	0	0	0	2	0.400
Hieraaetus fasciatus	LIV		30	0	0	0	0	6
Hieraaetus fasciatus	SPE		0	0	4	0	0	1
Hieraaetus morphnoides	SPE	l	0	0.001	0	0	0	0.000
Hieraaetus pennatus	BOD		0	2	0	0	0	0.400
Hieraaetus pennatus	LIV		2	0	4	0	1	1.4
Hieraaetus pennatus	SPE		0	0	0	5	0	1
Hieraaetus spilogaster	FEA		0	0	0	0	2	0.4
Hieraaetus spilogaster	LIV		1	0	2	1	0	1
Ictinia plumbea	SKI		0	2	0	0	0	0.4
Ictinia plumbea	SPE		2	3	0	0	0	1
Kaupifalco monogrammicus	LIV		0	8	15	6	17	9.2
Kaupifalco monogrammicus	UNS		1	0	0	0	0	0.200
Leptodon cayanensis	SPE		3	5	0	0	0	1.6
Leucopternis albigollis	BOD		0	0	1	1	1	1
Leucopternis albigollis	FEA		0	0	1	0	0	0.2
Leucopternis albigollis	SPE		0	0	0	0	3	1
Leucopternis melanops	BOD		0	0	0	1	1	0.4
Lophaetus occipitalis	BOD		0	0	0	0	1	0.200
Lophaetus occipitalis	LIV		41	29	28	14	7	23.8
Lophaetus occipitalis	LPS		0	0	4	0	0	1
Lophaetus occipitalis	SPE		0	1	1	0	0	0.4
Lophaetus occipitalis	SPE	m2	0	0	0	0	0	0.000
Lophoictinia isura	SPE		0	0	0	1	0	0.2
Melierax canorus	LIV		0	1	0	0	0	0.200
Melierax canorus	SKI		0	0	0	0	1	0.2
Melierax canorus	SPE		0	0	3	4	0	1
Melierax canorus	SPE	FLA	0	0	0	0	2	0.4
Melierax gabar	LIV		0	0	0	0	10	2
Melierax gabar	SKI		0	0	0	0	2	0.4
Melierax gabar	SPE		0	0	0	1	0	0.200
Melierax gabar	TRO		0	0	0	1	0	0.2
Melierax metabates	LIV		0	1	0	0	5	1
Milvus spp.	BOD		0	0	0	0	1	0.2
Milvus spp.	LIV		4	62	0	0	0	13
Milvus migrans	BOD		0	1	0	2	0	0.6
Milvus migrans	EGG		0	0	0	1	0	0.200
Milvus migrans	LIV		0	3	1	1	1	1.2
Milvus migrans	SPE		0	0	1	33	2	7
Milvus migrans	SPE	kg	0	0	0.001	0	0	0.000
Milvus migrans	SPE	l	0	0	0	0	0	0.000
Milvus milvus	BOD		0	1	0	4	1	1.2
Milvus milvus	LIV		2	1	1	5	0	2
Milvus milvus	SPE		0	0	0	1	0	0.2
Milvus milvus	SPE	kg	0	0	0	0	0	0.000
Milvus milvus	TRO		1	0	0	0	0	0.2
Morphnus guianensis	LIV		0	0	0	2	0	0.400
Morphnus guianensis	SPE		0	0	0	0	2	0.4
Necrosyrtes monachus	LIV		100	208	55	17	72	90
Necrosyrtes monachus	SKI		0	0	0	2	0	0.4
Necrosyrtes monachus	SPE		1	0	0	1	0	0.400
Necrosyrtes monachus	SPE	kg	0	0	0	0.001	0	0.000
Necrosyrtes monachus	TRO		0	2	0	1	0	1
Neophron percnopterus	LIV		30	0	0	5	2	7.4
Neophron percnopterus	SPE		0	0	0	1	0	0.200
Oroaetus isidori	SPE		0	0	0	0	2	0.4
Parabuteo unicinctus	LIV		78	43	1	1	0	25
Parabuteo unicinctus	SKE		0	0	0	1	0	0.2

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Pernis spp.	TRO		0	0	0	1	0	0.200
Pernis apivorus	BOD		0	2	1	0	0	0.6
Pernis apivorus	LIV		1	4	3	0	0	2
Pernis apivorus	SPE		0	1	1	0	0	0.4
Pernis ptilorhyncus	BOD		0	0	0	0	1	0.200
Pernis ptilorhyncus	SPE		0	0	0	0	1	0.2
Polemaetus bellicosus	FEA		0	0	0	0	2	0.400
Polemaetus bellicosus	LIV		60	69	29	12	14	36.8
Polemaetus bellicosus	SKI		0	1	0	0	0	0.200
Polemaetus bellicosus	SPE		0	0	0	3	0	0.6
Polyboroides typus	FEA		0	0	0	0	1	0.200
Polyboroides typus	LIV		0	10	6	0	5	4.2
Polyboroides typus	SPE		0	0	0	1	0	0.200
Rostrhamus sociabilis	SKE		0	0	0	0	3	0.6
Rostrhamus sociabilis	SPE		1	2	0	3	7	3
Spilornis cheela	BOD		0	0	0	0	1	0.2
Spilornis cheela	SPE		0	0	0	1	1	0.400
Spilornis kinabaluensis	SKI		0	2	0	0	0	0.4
Spizaetus cirrhatus	SPE		0	0	4	0	0	1
Spizaetus nipalensis	LIV		1	0	0	0	0	0.2
Spizaetus ornatus	FEA		0	0	3	0	0	1
Spizaetus ornatus	LIV		0	0	4	0	0	0.8
Spizaetus ornatus	SPE		1	0	0	0	0	0.200
Spizaetus tyrannus	FEA		5	0	0	0	0	1
Spizaetus tyrannus	LIV		0	0	1	2	0	1
Spizaetus tyrannus	SPE		0	0	0	0	2	0.4
Spizastur melanoleucus	SPE		0	0	0	0	1	0.200
Stephanoaetus coronatus	LIV		30	58	22	0	9	23.8
Stephanoaetus coronatus	SKI		0	2	0	0	0	0.400
Terathopius ecaudatus	LIV		10	68	59	10	29	35.2
Terathopius ecaudatus	SKI		0	3	0	0	0	1
Terathopius ecaudatus	SPE		0	0	1	0	0	0.2
Terathopius ecaudatus	TRO		0	0	1	0	0	0.200
Torgos tracheliotus	LIV		31	154	0	0	12	39.4
Torgos tracheliotus	SPE		0	26	56	37	0	24
Torgos tracheliotus	SPE	FLA	0	0	0	0	5	1
Trigonoceps occipitalis	LIV		45	192	95	86	13	86
Trigonoceps occipitalis	SKI		0	3	0	0	0	0.6
Trigonoceps occipitalis	SPE		0	1	4	3	0	2
Trigonoceps occipitalis	SPE	m2	0	0.0001	0	0	0	0.000
Sagittarius serpentarius	LIV		20	38	31	41	28	32
Sagittarius serpentarius	SPE		0	2	0	0	0	0.4
Sagittarius serpentarius	TRO		0	0	1	0	1	0.400
Falconidae spp.	BOD		1	1	0	0	0	0.4
Falconidae spp.	CLA		0	0	0	8	0	2
Falconidae spp.	FEA		0	0	0	0	2	0.4
Daptrius americanus	SPE		0	0	1	0	0	0.200
Falco spp.	FEA		0	2	0	1600	800	480.4
Falco spp.	FOO		0	1	0	0	0	0.200
Falco spp.	SPE		0	0	2	0	0	0.4
Falco alopex	LIV		0	0	0	0	18	4
Falco amurensis	EGG		0	0	0	7	0	1.4
Falco amurensis	SPE		0	0	0	275	0	55
Falco ardosiaceus	LIV		0	0	0	0	14	2.8
Falco berigora	BOD		1	0	0	0	0	0.200
Falco biarmicus	FEA		0	0	0	0	2	0.4
Falco biarmicus	LIV		2	3	20	8	17	10
Falco biarmicus	SPE		0	0	15	0	0	3
Falco cenchroides	BOD		1	0	0	0	0	0.200
Falco cenchroides	SKI		0	0	1	0	0	0.2
Falco cenchroides	SPE		0	1	0	0	1	0.400
Falco cenchroides	SPE	I	0	0.001	0	0	0	0.000
Falco cherrug	FEA		0	50	0	84	0	27
Falco cherrug	LIV		153	147	288	65	161	162.8
Falco cherrug	SPE		0	1	0	16	0	3
Falco chicquera	BOD		0	0	0	1	0	0.2
Falco chicquera	LIV		0	2	0	0	0	0.400
Falco chicquera	SPE		0	7	1	2	0	2

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Falco columbarius	BOD		0	1	0	0	2	1
Falco columbarius	FEA		0	0	0	0	1	0.2
Falco columbarius	LIV		8	13	10	7	0	8
Falco columbarius	SPE		0	0	0	2	0	0.4
Falco cuvierii	LIV		0	3	2	0	0	1
Falco deiroleucus	EGG		0	0	0	18	0	3.6
Falco deiroleucus	LIV		0	0	2	0	5	1
Falco eleonora	SKI		2	0	0	0	0	0.4
Falco femoralis	EGG		0	0	0	0	57	11
Falco femoralis	LIV		12	2	6	2	0	4.4
Falco femoralis	SKE		0	2	0	1	0	1
Falco femoralis	SPE		1	1	0	0	0	0.4
Falco longipennis	SPE	FLA	0	0	3	0	0	1
Falco mexicanus	BOD		0	1	0	0	0	0.2
Falco mexicanus	FEA		0	0	0	2	0	0.400
Falco mexicanus	LIV		0	0	3	0	0	0.6
Falco mexicanus	SPE		0	0	0	0	2	0.400
Falco naumanni	BOD		0	0	0	1	0	0.2
Falco naumanni	EGG		0	0	0	7	0	1
Falco naumanni	LIV		0	0	1	0	0	0.2
Falco naumanni	SPE		0	1	1	110	0	22
Falco rufigularis	LIV		0	0	1	0	0	0.2
Falco rufigularis	SKI		0	1	0	0	0	0.200
Falco rufigularis	SPE		1	2	0	0	0	0.6
Falco sparverius	BOD		3	1	0	1	3	2
Falco sparverius	EGG		0	0	0	0	3	0.6
Falco sparverius	LIV		179	86	2	0	0	53
Falco sparverius	SKE		1	1	0	0	1	0.6
Falco sparverius	SKI		0	1	0	0	0	0.200
Falco sparverius	SPE		0	0	31	77	5	22.6
Falco sparverius	TRO		0	2	0	0	0	0.400
Falco subbuteo	BOD		0	1	0	0	0	0.2
Falco subbuteo	LIV		22	49	40	60	100	54
Falco subbuteo	SPE		0	0	0	17	0	3.4
Falco subniger	BOD		1	0	0	0	0	0.200
Falco tinnunculus	BOD		3	3	7	8	3	4.8
Falco tinnunculus	LIV		26	78	67	78	103	70
Falco tinnunculus	SKE		0	2	0	0	0	0.4
Falco tinnunculus	SKI		1	0	0	0	1	0.400
Falco tinnunculus	SPE		0	1	1	4	2	1.6
Falco vespertinus	LIV		32	26	18	43	0	24
Falco zoniventris	SPE	I	0.001	0	0	0	0	0.000
Herpetotheres cachinnans	FEA		0	0	0	0	8	2
Herpetotheres cachinnans	SPE		2	5	0	0	1	1.6
Micrastur gilvicollis	BOD		0	0	1	1	1	1
Micrastur gilvicollis	FEA		0	0	0	0	7	1.4
Micrastur gilvicollis	SPE		0	0	2	0	0	0.400
Micrastur ruficollis	BOD		0	0	0	2	0	0.4
Micrastur ruficollis	SPE		0	0	0	2	0	0.400
Milvago spp.	SKE		0	1	0	0	0	0.2
Milvago spp.	SKI		0	1	0	0	0	0.200
Milvago chimachima	LIV		0	2	0	15	8	5
Milvago chimachima	SKI		0	2	0	1	0	1
Milvago chimachima	SPE		2	3	1	0	0	1.2
Milvago chimango	SKE		2	0	0	0	2	1
Milvago chimango	SKI		1	3	0	0	0	0.8
Milvago chimango	SPE		0	0	0	0	4	1
Phalcoboenus albogularis	LIV		1	0	0	0	0	0.2
Phalcoboenus megalopterus	LIV		37	37	0	0	0	15
Polyborus plancus	FEA		0	0	0	0	8	1.6
Polyborus plancus	LIV		72	54	5	86	10	45
Polyborus plancus	SKE		0	0	0	1	0	0.2
Polyborus plancus	SPE		0	0	1	0	0	0.200
Argusianus argus	FEA		77	15	0	0	0	18.4
Argusianus argus	LIV		0	3	0	0	0	1
Argusianus argus	SPE		0	0	13	0	0	2.6
Gallus sonneratii	TRO		0	0	3	0	0	1
Pavo muticus	LIV		0	0	0	0	4	0.8

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Polyplectron malacense	FEA		9	0	0	0	0	2
Polyplectron malacense	SPE		0	0	10	0	0	2
Balearica spp.	BOD		0	0	1	0	0	0.200
Balearica pavonina	LIV		71	50	85	66	100	74.4
Balearica regulorum	LIV		88	114	31	24	31	58
Balearica regulorum	SKI		0	0	0	2	0	0.4
Balearica regulorum	TRO		0	0	0	0	1	0.200
Grus americana	BOD		12	0	0	0	0	2.4
Grus canadensis	BOD		1353	0	2	2	2	272
Grus canadensis	BOD	kg	0	0	2	0	0	0.4
Grus canadensis	CAR		110	0	0	0	0	22
Grus canadensis	FEA		1	0	0	0	5	1.2
Grus canadensis	MEA		33	0	422	153	417	205
Grus canadensis	MEA	kg	334	0	0	1.454	5	68.091
Grus canadensis	SKI		0	0	0	0	15	3
Grus canadensis	SKU		0	0	0	2	0	0.4
Grus canadensis	SPE		113	50	0	0	0	33
Grus canadensis	SPE	FLA	3	0	0	0	0	0.6
Grus canadensis	TRO		390	1597	1075	1214	1323	1120
Grus canadensis	TRO	kg	0	0	0	0.5	0	0.1
Grus canadensis	UNS		0	0	40	8	0	10
Grus carunculatus	LIV		17	29	0	1	4	10.2
Grus carunculatus	SPE		0	0	90	0	0	18
Grus grus	EGL		15	0	0	0	0	3
Grus grus	FEA		4	0	10	0	0	3
Grus grus	LIV		25	22	24	34	1	21.2
Grus grus	SPE	l	0	0	0	0	0	0.019
Grus paradisea	BOD		0	0	1	0	0	0.2
Grus paradisea	LIV		0	2	0	0	0	0.400
Grus paradisea	SPE		0	0	3	0	0	0.6
Grus paradisea	TRO		0	0	0	0	1	0.200
Grus virgo	FEA		0	0	3	0	0	0.6
Grus virgo	LIV		76	138	301	0	20	107
Grus virgo	SPE		0	1	0	1	0	0.4
Grus virgo	SPE	l	0	0	0	0	0	0.004
Otididae spp.	TRO		1	0	0	0	0	0.2
Ardeotis spp.	LIV		8	0	0	0	0	2
Ardeotis arabs	TRO		0	0	9	0	0	1.8
Ardeotis kori	BOD		5	0	0	0	0	1
Ardeotis kori	FEA		0	4	50	1	0	11
Ardeotis kori	LIV		6	0	0	7	10	5
Ardeotis kori	SKI		57	30	0	0	0	17.4
Ardeotis kori	SPE		0	0	68	0	0	14
Ardeotis kori	TRO		0	1	1	0	0	0.4
Chlamydotis undulata	LIV		0	0	0	1	0	0.200
Eupodotis spp.	LIV		116	6	0	0	0	24.4
Eupodotis afroaoides	SPE		0	16	0	5	0	4
Eupodotis gindiana	LIV		0	0	0	47	6	10.6
Eupodotis melanogaster	LIV		0	0	0	6	12	4
Eupodotis melanogaster	SPE	FLA	0	0	0	0	4	0.8
Eupodotis rueppellii	SPE		0	7	0	0	0	1
Eupodotis rueppellii	SPE	FLA	0	0	0	0	15	3
Eupodotis ruficrista	LIV		0	0	4	0	0	1
Eupodotis ruficrista	SPE		0	2	0	8	0	2
Eupodotis senegalensis	LIV		2	0	0	27	20	10
Eupodotis senegalensis	TRO		0	0	1	0	0	0.2
Neotis denhami	BOD		0	0	0	0	1	0.200
Neotis denhami	TRO		0	0	0	1	0	0.2
Otis tarda	BOD		0	1	0	0	0	0.200
Otis tarda	EGL		0	130	0	0	0	26
Otis tarda	FEA		0	8	0	0	0	2
Otis tarda	LIV		60	0	0	0	0	12
Otis tarda	SKI		3	0	0	0	0	1
Otis tarda	SPE		0	1	0	1	0	0.4
Tetrax tetrax	EGL		0	20	0	0	0	4
Tetrax tetrax	SKI		1	0	0	0	0	0.2
Goura scheepmakeri	FEA		0	3	3	0	1	1
Goura victoria	FEA		0	90	3	1	4	19.6

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Goura victoria	LIV		0	0	10	0	0	2
Oena capensis	LIV		0	20	0	0	0	4
Psittaciformes spp.	BOD		0	0	10	0	0	2
Psittaciformes spp.	FEA		1	0	0	0	0	0.2
Psittaciformes spp.	LIV		364	2485	0	0	0	570
Psittaciformes spp.	SKI		0	0	30	0	0	6
Psittaciformes spp.	SPE		15	6	30	0	0	10
Psittacidae spp.	FEA		3	0	4	6	116	25.8
Psittacidae spp.	LIV		0	1	0	2	0	1
Agapornis spp.	FEA		0	2	0	0	0	0.4
Agapornis spp.	LIV		7	0	0	16	0	5
Agapornis canus	LIV		3700	3700	3702	3500	4875	3895.4
Agapornis fischeri	LIV		0	0	0	0	100	20
Agapornis lillianae	LIV		20	1	0	21	0	8.4
Agapornis nigrigenis	LIV		0	25	0	5	0	6
Agapornis personatus	LIV		0	0	0	0	100	20
Agapornis pullarius	LIV		1307	1674	1486	1096	1480	1409
Agapornis roseicollis	LIV		0	0	0	0	1	0.2
Agapornis swindernianus	LIV		0	205	100	0	0	61
Alisterus amboinensis	LIV		16	0	0	0	0	3.2
Alisterus chloropterus	LIV		149	98	134	14	0	79
Alisterus chloropterus	SPE		2	0	0	1	0	0.6
Alisterus scapularis	LIV		0	2	0	0	0	0.400
Alisterus scapularis	SPE		0	0	1	0	1	0.4
Amazona spp.	FEA		0	0	1	18000	0	3600
Amazona spp.	LIV		3	5	2	0	3	2.6
Amazona aestiva	FEA		0	0	1	0	8	2
Amazona aestiva	LIV		1301	1686	2544	3483	4436	2690
Amazona aestiva	SKE		1	1	0	0	0	0.400
Amazona aestiva	SPE		0	4	56	0	0	12
Amazona agilis	LIV		1	0	0	0	0	0.200
Amazona albifrons	FEA		0	0	9	0	0	1.8
Amazona albifrons	LIV		132	3	60	133	130	92
Amazona albifrons	SKI		0	0	0	0	1	0.2
Amazona albifrons	SPE		0	0	0	0	10	2
Amazona amazonica	LIV		13670	11111	11850	8939	5516	10217.2
Amazona amazonica	SKE		0	1	0	0	0	0.200
Amazona autumnalis	BOD		0	3	0	0	0	0.6
Amazona autumnalis	EGG		9	6	0	0	0	3
Amazona autumnalis	FEA		0	0	4	0	0	0.8
Amazona autumnalis	LIV		87	11	4	2	172	55
Amazona autumnalis	SPE		150	478	0	0	0	125.6
Amazona dufresniana	FEA		0	0	0	170	0	34
Amazona dufresniana	LIV		62	62	484	344	346	259.6
Amazona dufresniana	SPE		0	0	0	8	0	2
Amazona farinosa	BOD		0	0	0	1	0	0.2
Amazona farinosa	FEA		0	0	1	3000	0	600
Amazona farinosa	LIV		1630	1328	1483	1188	902	1306.2
Amazona farinosa	SPE		9	0	0	0	3	2
Amazona farinosa guatemalae	SPE		0	20	0	0	0	4
Amazona festiva	LIV		0	0	439	346	278	213
Amazona finschi	BOD		0	3	1	0	0	0.8
Amazona finschi	LIV		54	288	355	60	5	152
Amazona finschi	SPE		0	1	0	0	0	0.2
Amazona kawalli	SPE		1	0	0	0	0	0.200
Amazona mercenaria	FEA		0	0	1	0	0	0.2
Amazona ochrocephala	BOD		0	0	0	1	0	0.200
Amazona ochrocephala	FEA		0	0	1	20	0	4.2
Amazona ochrocephala	LIV		1731	1561	1477	1167	935	1374
Amazona ochrocephala	SKI		0	1	0	0	0	0.2
Amazona ochrocephala	SPE		0	0	2	0	0	0.400
Amazona ochrocephala auropalliata	LIV		13	1	0	75	0	17.8
Amazona ochrocephala auropalliata	SPE		500	0	0	120	0	124
Amazona ochrocephala oratrix	BOD		0	3	0	0	0	0.6
Amazona ochrocephala oratrix	EGG		0	6	0	0	0	1
Amazona ochrocephala oratrix	FEA		0	0	4	0	0	0.8
Amazona ochrocephala oratrix	LIV		5	3	0	3	0	2
Amazona ochrocephala oratrix	SPE		159	478	350	0	0	197.4

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Amazona ochrocephala tresmariae	FEA		0	0	3	0	0	1
Amazona ventralis	BOD		1	0	0	3	0	0.8
Amazona ventralis	FEA		20	0	0	0	0	4
Amazona viridigenalis	FEA		0	0	7	0	0	1.4
Amazona viridigenalis	SPE		0	0	400	0	0	80
Amazona xantholora	LIV		0	31	79	15	0	25
Aprosmitcus erythropterus	FEA		25	0	0	2	0	5
Aprosmitcus erythropterus	SKI		0	0	1	0	0	0.2
Aprosmitcus erythropterus	SPE		0	0	1	0	1	0.400
Ara spp.	FEA		0	23	1	24000	12000	7204.8
Ara ambigua	SPE		3	0	0	0	0	1
Ara ararauna	FEA		0	1	2	45	8	11.2
Ara ararauna	LIV		1525	1503	1377	1254	1435	1419
Ara ararauna	SPE		0	0	150	0	0	30
Ara chloroptera	FEA		2	0	3	45	8	12
Ara chloroptera	LIV		1406	1293	1312	1064	1041	1223.2
Ara chloroptera	UNS		2	0	0	0	0	0.400
Ara macao	LIV		0	0	0	0	4	0.8
Ara severa	LIV		174	116	103	132	116	128
Aratinga spp.	BOD		0	0	0	0	1	0.2
Aratinga spp.	FEA		0	1	1	10000	0	2000
Aratinga spp.	LIV		4	0	0	0	8	2.4
Aratinga acuticaudata	LIV		3300	1855	1812	3691	1540	2440
Aratinga aurea	LIV		23	20	9	53	14	23.8
Aratinga aurea	SKE		1	1	0	0	0	0.400
Aratinga aurea	SPE		1	2	0	0	0	0.6
Aratinga auricapilla	LIV		0	0	0	1	0	0.200
Aratinga canicularis	BOD		0	1	0	0	0	0.2
Aratinga canicularis	FEA		0	0	10	0	0	2
Aratinga canicularis	LIV		176	261	262	203	5	181.4
Aratinga canicularis	SKI		0	0	1	0	0	0.200
Aratinga canicularis	SPE		0	0	6	1	25	6.4
Aratinga erythrogenys	LIV		1	4	5	5	94	22
Aratinga finschi	LIV		0	0	0	16	0	3.2
Aratinga holochlora	LIV		0	0	24	64	0	18
Aratinga holochlora	SKI		0	0	0	0	1	0.2
Aratinga jandaya	FEA		0	0	1	0	0	0.200
Aratinga jandaya	LIV		0	0	100	0	0	20
Aratinga leucophthalmus	LIV		394	519	709	1272	161	611
Aratinga leucophthalmus	SPE		0	0	0	2	0	0.4
Aratinga mitrata	LIV		187	300	0	668	1580	547
Aratinga mitrata	SPE		0	0	0	0	4	0.8
Aratinga nana	FEA		0	0	0	15	0	3
Aratinga nana	LIV		1	1	40	0	0	8.4
Aratinga nana	SKI		0	0	0	0	1	0.200
Aratinga nana astec	LIV		0	0	20	0	0	4
Aratinga pertinax	FEA		0	0	50	0	0	10
Aratinga pertinax	LIV		912	1028	791	615	140	697.2
Aratinga pertinax	SKI		0	4	0	0	0	1
Aratinga pertinax	SPE		0	0	10	1	0	2.2
Aratinga pertinax	SPE	I	0	0	0	0	0	0.008
Aratinga solstitialis	FEA		0	0	0	0	8	1.6
Aratinga wagleri	FEA		2	0	0	0	0	0.400
Aratinga wagleri	LIV		855	937	354	2046	1525	1143.4
Aratinga weddellii	BOD		0	0	2	1	1	1
Aratinga weddellii	LIV		194	60	0	39	310	120.6
Aratinga weddellii	SPE		0	0	3	0	0	1
Bolborhynchus lineola	LIV		0	21	0	0	0	4.2
Bolborhynchus orbygnesi	LIV		13	57	0	0	0	14
Brotogeris chrysopterus	LIV		270	114	221	197	161	192.6
Brotogeris chrysopterus	SKI		0	2	0	0	0	0.400
Brotogeris cyanoptera	BOD		0	0	0	3	2	1
Brotogeris cyanoptera	LIV		215	116	0	175	775	256
Brotogeris cyanoptera	SPE		0	0	1	1	0	0.4
Brotogeris jugularis	LIV		3	0	0	54	0	11
Brotogeris jugularis	SPE		0	0	0	0	1	0.2
Brotogeris sanctithomae	LIV		521	236	0	317	1174	450
Brotogeris versicolurus	LIV		1135	546	0	164	1025	574

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
<i>Brotogeris versicolurus</i>	SPE		0	1	0	0	0	0.200
<i>Cacatua</i> spp.	BOD		1	0	0	0	0	0.2
<i>Cacatua</i> spp.	FEA		2	0	0	0	4	1
<i>Cacatua</i> spp.	SKI		0	0	1	0	0	0.2
<i>Cacatua</i> spp.	SPE		0	0	0	0	4	1
<i>Cacatua alba</i>	BOD		0	0	1	0	0	0.2
<i>Cacatua alba</i>	LIV		23	10	0	2	0	7
<i>Cacatua ducorpsii</i>	LIV		690	90	360	1734	1469	868.6
<i>Cacatua ducorpsii</i>	SPE		0	1	0	0	0	0.200
<i>Cacatua galerita</i>	FEA		25	38	7	15	9	18.8
<i>Cacatua galerita</i>	LIV		148	76	29	129	90	94
<i>Cacatua galerita</i>	SPE		0	12	1	0	1	2.8
<i>Cacatua galerita</i>	TRO		0	0	0	1	0	0.200
<i>Cacatua leadbeateri</i>	SPE		0	0	0	0	1	0.2
<i>Cacatua ophthalmica</i>	LIV		0	0	0	20	0	4
<i>Cacatua sanguinea</i>	LIV		5	0	0	1	0	1.2
<i>Cacatua sanguinea</i>	SPE		0	4	3	0	4	2
<i>Cacatua sulphurea</i>	LIV		1	0	0	0	0	0.2
<i>Cacatua tenuirostris</i>	LIV		0	0	0	6	0	1
<i>Cacatua tenuirostris</i>	SPE		0	0	0	0	10	2
<i>Calyptorhynchus banksii</i>	FEA		0	0	0	3	0	1
<i>Calyptorhynchus funereus</i>	BOD		1	0	0	0	0	0.2
<i>Calyptorhynchus funereus</i>	LIV		0	0	2	0	0	0.400
<i>Calyptorhynchus lathami</i>	SPE		0	0	0	0	1	0.2
<i>Chalcopsitta atra</i>	LIV		15	0	0	0	0	3
<i>Chalcopsitta cardinalis</i>	LIV		186	0	80	1091	76	286.6
<i>Chalcopsitta cardinalis</i>	SPE		0	0	0	0	2	0.400
<i>Chalcopsitta duivenbodei</i>	LIV		159	102	127	14	0	80.4
<i>Chalcopsitta duivenbodei</i>	SPE		0	3	0	0	0	1
<i>Chalcopsitta scintillata</i>	FEA		0	1	0	0	0	0.2
<i>Chalcopsitta scintillata</i>	LIV		178	55	155	15	0	81
<i>Charmosyna</i> spp.	FEA		0	0	0	0	1	0.2
<i>Charmosyna josefinae</i>	SPE		0	0	0	0	7	1
<i>Charmosyna margarethae</i>	LIV		0	0	40	200	0	48
<i>Charmosyna multistriata</i>	LIV		20	0	0	0	0	4
<i>Charmosyna papou</i>	FEA		0	0	10	0	16	5.2
<i>Charmosyna papou</i>	LIV		170	88	151	18	0	85
<i>Charmosyna papou</i>	SPE		0	0	2	0	0	0.4
<i>Charmosyna placentis</i>	LIV		139	55	132	14	0	68
<i>Charmosyna placentis</i>	SPE		1	0	0	0	0	0.2
<i>Charmosyna pulchella</i>	FEA		0	1	0	0	5	1
<i>Charmosyna pulchella</i>	LIV		116	33	133	0	0	56.4
<i>Charmosyna pulchella</i>	SPE		0	0	0	0	4	1
<i>Charmosyna rubronotata</i>	SPE		1	0	0	0	0	0.2
<i>Charmosyna wilhelminae</i>	TRO		0	1	0	0	0	0.200
<i>Coracopsis nigra</i>	LIV		167	277	244	254	121	212.6
<i>Coracopsis nigra</i>	SPE	I	0	0	0	0	0	0.020
<i>Coracopsis vasa</i>	LIV		0	100	0	0	0	20
<i>Coracopsis vasa</i>	SPE	I	0	0	0	0	0	0.032
<i>Cyanoliseus patagonus</i>	LIV		7245	10160	4120	2184	2875	5316.8
<i>Cyanoliseus patagonus</i>	SPE		0	1678	0	2	0	336
<i>Cyanoramphus</i> spp.	LIV		0	0	6	0	0	1.2
<i>Cyanoramphus</i> spp.	SPE		0	0	0	2	0	0.400
<i>Cyclopsitta diophthalma</i>	LIV		164	80	105	0	0	69.8
<i>Cyclopsitta guillemittii</i>	LIV		159	26	103	0	0	58
<i>Deroytyus accipitrinus</i>	FEA		0	0	0	45	0	9
<i>Deroytyus accipitrinus</i>	LIV		215	197	696	471	414	399
<i>Diopsittaca nobilis</i>	LIV		891	735	955	548	819	789.6
<i>Diopsittaca nobilis</i>	SKI		0	7	0	0	0	1
<i>Eclectus roratus</i>	FEA		0	32	0	1	0	6.6
<i>Eclectus roratus</i>	LIV		244	0	190	1354	105	379
<i>Eclectus roratus</i>	SPE		0	0	0	0	1	0.2
<i>Eolophus roseicapillus</i>	LIV		1	3	0	22	4	6
<i>Eolophus roseicapillus</i>	SKI		0	0	1	0	0	0.2
<i>Eolophus roseicapillus</i>	SPE		0	1	2	0	4	1
<i>Eos</i> spp.	BOD		4	0	0	0	0	0.8
<i>Eos bornea</i>	LIV		284	0	0	0	0	57
<i>Eos cyanogenia</i>	FEA		0	0	0	0	4	0.8

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Eos squamata	LIV		129	29	134	14	0	61
Forpus spp.	LIV		1	0	0	0	2	0.6
Forpus spp.	SPE		3	5	0	0	0	2
Forpus coelestis	LIV		185	226	0	0	58	93.8
Forpus crassirostris	LIV		60	0	0	0	0	12
Forpus crassirostris	SKE		1	1	0	0	0	0.4
Forpus cyanopygius	LIV		0	0	0	0	2	0.400
Forpus passerinus	LIV		1144	1104	1000	688	360	859.2
Forpus passerinus	SKI		0	2	0	0	0	0.400
Forpus sclateri	BOD		0	0	0	1	1	0.4
Forpus sclateri	SPE		1	0	1	0	0	0.400
Forpus xanthops	LIV		0	6	0	0	0	1.2
Geoffroyus geoffroyi	LIV		175	10	128	0	0	63
Geoffroyus heteroclitus	LIV		233	0	60	262	0	111
Geoffroyus heteroclitus	SPE		0	1	0	0	0	0.200
Glossopsitta concinna	SPE		0	0	5	0	6	2.2
Glossopsitta porphyrocephala	SPE		0	0	3	0	2	1
Glossopsitta pusilla	SPE		0	0	0	0	1	0.2
Lathamus discolor	LIV		0	6	0	0	0	1
Lathamus discolor	SPE		0	0	0	0	8	1.6
Loriculus aurantiifrons	LIV		74	0	77	0	0	30
Loriculus galgulus	LIV		1224	913	582	1078	690	897.4
Loriculus galgulus	SPE		0	0	0	12	0	2
Loriculus philippensis	SPE		0	0	0	0	9	1.8
Loriculus stigmatus	LIV		25	0	0	0	0	5
Lorius chlorocercus	LIV		181	80	130	1380	636	481.4
Lorius chlorocercus	SPE		0	1	0	0	0	0.200
Lorius garrulus	LIV		0	0	1	0	100	20.2
Lorius hypoinochrous	FEA		16	0	0	2	0	4
Lorius lory	FEA		1	6	1	0	0	1.6
Lorius lory	LIV		0	1	0	0	0	0.200
Micropsitta finschii	SPE		0	2	0	0	0	0.4
Micropsitta pusio	SPE		0	0	1	0	0	0.200
Myiopsitta monachus	BOD		0	0	0	0	10	2
Myiopsitta monachus	LIV		12057	12238	4363	7613	7297	8714
Myiopsitta monachus	SKE		0	0	0	7	0	1.4
Myiopsitta monachus	SPE		2	3	2	0	0	1
Myiopsitta monachus	TRO		0	0	0	0	6	1.2
Nandayus nenday	LIV		4547	1521	3933	3977	907	2977
Nandayus nenday	SPE		2	3	0	0	0	1
Neophema pulchella	SPE		0	0	1	0	0	0.200
Neopsittacus musschenbroekii	FEA		2	0	0	0	0	0.4
Neopsittacus musschenbroekii	LIV		93	10	101	12	0	43
Nestor notabilis	SPE		0	0	0	0	2	0.4
Northiella haematogaster	SPE		0	0	0	0	1	0.200
Oreopsittacus spp.	FEA		0	0	0	1	0	0.2
Oreopsittacus arfaki	LIV		105	0	79	0	0	37
Oreopsittacus arfaki	SPE		0	0	0	1	0	0.2
Orthopsittaca manilata	LIV		1009	653	975	577	454	734
Orthopsittaca manilata	SKI		0	2	0	0	0	0.4
Pionites spp.	LIV		0	0	4	0	0	1
Pionites leucogaster	FEA		0	0	1	0	0	0.2
Pionites melanocephala	LIV		1430	1198	1164	1352	884	1206
Pionopsitta spp.	SPE		0	0	0	51	0	10.2
Pionopsitta barrabandi	LIV		2	1	0	0	0	1
Pionopsitta barrabandi	SPE		0	0	0	9	0	1.8
Pionopsitta caica	SPE		0	0	0	18	0	4
Pionopsitta haematotis	SPE		0	0	0	9	0	1.8
Pionopsitta pulchra	SPE		0	0	0	21	0	4
Pionopsitta vulturina	SPE		0	0	0	17	0	3.4
Pionus fuscus	LIV		264	85	699	522	416	397
Pionus fuscus	SPE		0	0	0	18	0	3.6
Pionus maximiliani	LIV		1941	1323	1430	1565	1432	1538
Pionus maximiliani	SPE		0	1	0	0	0	0.2
Pionus menstruus	LIV		1650	1207	1154	1152	819	1196
Pionus menstruus	SPE		0	0	0	72	0	14.4
Pionus senilis	FEA		0	6	0	0	0	1
Pionus senilis	LIV		0	0	0	65	62	25.4

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Pionus senilis	SPE		0	0	0	0	2	0.400
Pionus sordidus	BOD		2	0	0	0	0	0.4
Pionus sordidus	SPE		2	0	0	0	0	0.400
Pionus tumultuosus	LIV		3	0	0	0	2	1
Platycercus adelaidae	SPE		0	0	14	0	0	3
Platycercus adscitus	SPE		0	0	0	0	6	1.2
Platycercus elegans	BOD		0	0	0	1	0	0.200
Platycercus elegans	LIV		0	65	0	0	4	13.8
Platycercus elegans	SPE		0	0	6	0	10	3
Platycercus eximius	LIV		275	178	190	150	0	158.6
Platycercus eximius	SPE		0	0	2	0	0	0.400
Platycercus flaveolus	SPE		0	0	7	0	0	1.4
Platycercus zonarius	SPE		0	1	0	0	0	0.200
Poicephalus cryptoxanthus	LIV		126	60	62	73	403	144.8
Poicephalus gulielmi	LIV		2013	2202	1378	920	2970	1897
Poicephalus meyeri	LIV		0	478	204	36	0	143.6
Poicephalus robustus	LIV		337	101	663	283	600	397
Poicephalus rueppellii	LIV		0	30	0	3	0	6.6
Poicephalus rufiventris	LIV		0	48	100	0	0	30
Poicephalus senegalus	LIV		55007	34437	33942	31271	37912	38513.8
Poicephalus senegalus	SKI		0	1	0	0	0	0.200
Prioniturus discurus	SPE		0	0	0	0	1	0.2
Prioniturus luconensis	SPE		0	1	0	0	0	0.200
Prioniturus platurus	LIV		190	10	0	0	0	40
Prioniturus waterstradti	SPE		1	0	0	0	0	0.200
Propyrrhura auricollis	FEA		0	0	1	0	0	0.2
Propyrrhura auricollis	LIV		0	0	0	0	30	6
Propyrrhura auricollis	SPE		1	2	0	0	0	0.6
Prosopieia tabuensis	SPE		0	0	5	0	0	1
Psephotus haematotus	SPE		0	0	0	0	1	0.2
Psephotus varius	SPE		0	0	3	0	0	1
Pseudeos fuscata	FEA		2	0	0	0	0	0.4
Pseudeos fuscata	LIV		195	78	174	18	0	93
Psilopsiagon aurifrons	LIV		142	91	0	0	0	46.6
Psittacella brehmii	SPE		0	0	0	1	0	0.200
Psittacula alexandri	LIV		500	2750	0	0	4	650.8
Psittacula alexandri	SPE		0	1	0	0	0	0.200
Psittacula cyanocephala	BOD		0	1	0	0	0	0.2
Psittacula cyanocephala	LIV		0	0	200	0	0	40
Psittacula derbiana	LIV		3	0	0	0	0	0.6
Psittacula eupatria	LIV		80	40	151	0	603	175
Psittacula longicauda	BOD		0	0	0	0	1	0.2
Psittacula longicauda	LIV		1137	612	156	516	280	540
Psittacula longicauda	SPE		0	0	0	4	1	1
Psittaculirostris spp.	LIV		0	1	0	0	0	0.200
Psittaculirostris desmarestii	LIV		15	0	0	0	0	3
Psittaculirostris salvadorii	LIV		28	0	0	0	0	6
Psittacus erithacus	BOD		0	0	0	24	0	4.8
Psittacus erithacus	LIV		30352	30017	30811	25088	22281	27710
Psittacus erithacus timneh	LIV		6129	5202	3603	2829	3838	4320.2
Psitteuteles goldiei	FEA		4	0	0	0	0	1
Psittinus cyanurus	LIV		836	480	214	530	346	481.2
Psittrichas fulgidus	FEA		1	0	1	0	2	1
Psittrichas fulgidus	LIV		6	0	0	0	0	1.2
Psittrichas fulgidus	SPE		0	0	0	1	0	0.200
Pyrrhura egregia	SPE		0	0	4	0	0	0.8
Pyrrhura frontalis	LIV		0	0	119	306	110	107
Pyrrhura frontalis	SKE		2	2	0	0	3	1.4
Pyrrhura frontalis	SKI		0	0	0	0	1	0.200
Pyrrhura frontalis	SPE		0	1	0	0	9	2
Pyrrhura leucotis	SPE		0	0	0	42	0	8
Pyrrhura molinae	LIV		0	0	0	6	0	1.2
Pyrrhura picta	BOD		0	1	0	2	2	1
Pyrrhura picta	LIV		253	122	98	128	66	133.4
Pyrrhura picta	SPE		1	1	0	105	0	21
Pyrrhura rupicola	LIV		0	4	0	0	0	0.8
Tanygnathus megalorynchos	FEA		0	0	0	0	2	0.400
Tanygnathus megalorynchos	SPE		0	0	0	0	1	0.2

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Touit huetii	BOD		0	0	0	6	3	2
Touit huetii	SPE		0	0	0	9	0	1.8
Trichoglossus spp.	FEA		4	0	0	0	0	1
Trichoglossus spp.	SPE		0	0	0	1	1	0.4
Trichoglossus chlorolepidotus	SPE		0	0	1	0	5	1
Trichoglossus flavoviridis	LIV		25	0	0	0	0	5
Trichoglossus haematodus	BOD		1	0	0	0	2	1
Trichoglossus haematodus	FEA		25	8	0	1	0	6.8
Trichoglossus haematodus	LIV		293	171	173	1198	77	382
Trichoglossus haematodus	SPE		2	1	1	0	13	3.4
Trichoglossus haematodus	SPE	I	0	0	0	0	0	0.000
Trichoglossus ornatus	LIV		64	0	0	0	0	12.8
Vini australis	SPE		0	0	2	0	0	0.400
Musophaga porphyreolopha	LIV		180	0	10	20	0	42
Musophaga porphyreolopha	SPE		0	8	0	0	0	2
Musophaga porphyreolopha	TRO		0	1	0	1	1	0.6
Tauraco spp.	LIV		14	0	0	0	0	3
Tauraco spp.	SPE		0	8	0	0	0	1.6
Tauraco spp.	TRO		1	0	0	0	1	0.400
Tauraco corythaix	BOD		0	0	0	1	0	0.2
Tauraco corythaix	TRO		0	0	0	1	1	0.400
Tauraco fischeri	LIV		4	0	0	10	0	2.8
Tauraco hartlaubi	LIV		256	343	210	176	118	221
Tauraco leucolophus	LIV		0	10	74	0	0	16.8
Tauraco leucotis	LIV		0	3	0	0	0	1
Tauraco livingstonii	LIV		168	263	240	96	42	161.8
Tauraco macrorhynchus	LIV		6	10	0	9	0	5
Tauraco macrorhynchus	SPE		0	0	0	2	0	0.4
Tauraco persa	LIV		484	510	844	457	695	598
Tauraco persa	TRO		0	0	1	0	0	0.2
Tauraco schalowi	LIV		0	10	0	0	0	2
Tauraco schuettii	LIV		0	0	24	0	0	4.8
Strigiformes spp.	BOD		0	0	0	0	1	0.200
Strigiformes spp.	FEA		0	0	1	0	0	0.2
Strigiformes spp.	LIV		0	1	0	38	0	8
Strigiformes spp.	SKP		2	0	0	0	0	0.4
Strigiformes spp.	SPE		0	0	0	0	1	0.200
Tyto spp.	BOD		1	0	0	0	0	0.2
Tyto spp.	SPE		0	0	0	0	1	0.200
Tyto alba	BOD		6	5	2	4	3	4
Tyto alba	FEA		3	8	7	0	0	4
Tyto alba	LIV		149	95	97	62	145	109.6
Tyto alba	SKE		0	3	0	0	0	1
Tyto alba	SKI		0	4	2	0	0	1.2
Tyto alba	SPE		0	6	4	56	2	14
Tyto alba	TRO		0	0	0	1	0	0.2
Tyto capensis	LIV		0	0	10	0	0	2
Tyto glaucops	FEA		0	21	0	0	0	4.2
Tyto novaehollandiae	SPE		0	0	0	0	1	0.200
Strigidae spp.	BOD		2	0	0	0	0	0.4
Strigidae spp.	FEA		0	0	1	0	0	0.200
Strigidae spp.	FOO		0	0	0	1	0	0.2
Aegolius spp.	BOD		1	0	0	0	0	0.200
Aegolius acadicus	BOD		0	3	0	2	0	1
Aegolius acadicus	SPE		12	3	0	1	0	3
Aegolius funereus	BOD		0	2	1	1	0	0.8
Aegolius funereus	LIV		4	64	4	0	0	14
Aegolius harrisii	BOD		0	0	0	1	1	0.4
Aegolius harrisii	SPE		0	0	1	0	0	0.200
Asio abyssinicus	LIV		0	0	20	0	0	4
Asio capensis	LIV		0	5	25	33	7	14
Asio clamator	LIV		54	30	0	8	0	18.4
Asio flammeus	BOD		1	4	1	1	1	2
Asio flammeus	FEA		0	0	3	0	0	0.6
Asio flammeus	LIV		50	12	45	29	3	28
Asio flammeus	SKE		0	1	0	0	0	0.2
Asio flammeus	SKI		0	0	0	0	1	0.200
Asio flammeus	SPE		0	2	0	3	11	3.2

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Asio otus	BOD		4	0	7	8	1	4
Asio otus	LIV		100	67	40	45	0	50.4
Asio otus	SKE		0	1	0	0	0	0.200
Asio otus	SKI		2	3	0	0	0	1
Asio otus	SPE		1	3	0	2	2	2
Athene noctua	BOD		2	4	1	0	3	2
Athene noctua	LIV		30	77	195	100	160	112
Athene noctua	SKE		0	1	0	0	0	0.2
Athene noctua	SKI		0	1	0	0	1	0.400
Athene noctua	SPE		0	2	1	1	8	2.4
Bubo spp.	FEA		0	1	0	1	0	0.400
Bubo africanus	BOD		0	0	0	1	2	0.6
Bubo africanus	LIV		0	0	23	39	32	19
Bubo africanus	SPE		0	1	1	0	0	0.4
Bubo africanus	TRO		3	0	0	1	5	2
Bubo bengalensis	BOD		1	0	0	0	0	0.2
Bubo bubo	BOD		0	4	1	1	3	2
Bubo bubo	FEA		2	0	0	0	0	0.4
Bubo bubo	LIV		12	4	3	1	4	5
Bubo bubo	SKI		0	0	0	0	1	0.2
Bubo bubo	SPE		0	0	0	1	7	2
Bubo bubo	TRO		0	2	0	0	0	0.4
Bubo capensis	BOD		0	0	0	0	1	0.200
Bubo capensis	LIV		0	0	27	0	0	5.4
Bubo capensis	SPE		0	1	1	0	0	0.400
Bubo capensis	TRO		0	0	0	1	0	0.2
Bubo lacteus	LIV		10	4	40	54	24	26
Bubo nipalensis	LIV		1	0	0	0	0	0.2
Bubo philippensis	SPE		0	0	1	0	0	0.200
Bubo poensis	LIV		0	5	13	32	10	12
Bubo virginianus	BOD		2	2	2	3	2	2
Bubo virginianus	CLA		1	0	0	0	0	0.2
Bubo virginianus	FEA		12	0	3	8	34	11
Bubo virginianus	LIV		69	19	0	72	0	32
Bubo virginianus	SKE		1	1	0	1	0	1
Bubo virginianus	SKI		0	1	0	3	0	0.8
Bubo virginianus	SPE		1	0	27	12	0	8
Bubo virginianus	TRO		0	0	0	0	1	0.2
Glaucidium spp.	SKI		0	2	0	0	0	0.400
Glaucidium spp.	SPE		0	0	1	0	0	0.2
Glaucidium bolivianum	SPE		0	0	2	0	0	0.400
Glaucidium brasilianum	BOD		0	0	1	0	0	0.2
Glaucidium brasilianum	LIV		202	127	0	0	0	66
Glaucidium brasilianum	SKE		2	2	0	0	0	0.8
Glaucidium brasilianum	SKI		0	2	0	0	1	1
Glaucidium brasilianum	SPE		0	1	2	5	0	1.6
Glaucidium brodiei	LIV		80	0	0	0	0	16
Glaucidium capense	LIV		0	0	10	0	0	2
Glaucidium cuculoides	LIV		40	0	0	0	0	8
Glaucidium gnoma	SPE		0	0	2	0	0	0.4
Glaucidium hardyi	BOD		0	0	3	0	0	1
Glaucidium jardinii	BOD		0	0	3	4	0	1.4
Glaucidium jardinii	SPE		0	0	5	4	0	2
Glaucidium parkeri	BOD		0	0	1	0	0	0.2
Glaucidium parkeri	SPE		0	0	2	0	0	0.400
Glaucidium passerinum	BOD		0	2	0	1	0	0.6
Glaucidium passerinum	FEA		0	0	0	0	1	0.200
Glaucidium passerinum	LIV		1	40	3	7	0	10.2
Glaucidium passerinum	SPE		0	0	0	0	2	0.400
Glaucidium perlatum	LIV		0	5	56	71	34	33.2
Glaucidium peruanum	LIV		0	0	0	0	50	10
Glaucidium sjostedti	SPE		0	0	0	2	0	0.4
Glaucidium tephronotum	LIV		0	0	10	0	0	2
Glaucidium tephronotum	SPE		0	0	0	1	0	0.2
Ketupa ketupu	FEA		0	4	0	0	0	1
Ketupa ketupu	LIV		2	0	0	0	0	0.4
Ketupa ketupu	SPE		0	0	0	4	0	1
Ketupa zeylonensis	LIV		0	0	0	4	0	0.8

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Lophotrix cristata	LIV		0	4	0	0	0	1
Micrathene whitneyi	SPE		1	0	0	0	0	0.2
Ninox novaeseelandiae	SKI		0	0	1	0	0	0.200
Ninox novaeseelandiae	SPE		0	0	2	0	4	1.2
Ninox rufa	SPE		0	0	1	0	0	0.200
Ninox scutulata	BOD		0	0	0	0	2	0.4
Ninox scutulata	SPE		0	0	8	4	2	3
Ninox strenua	SPE		0	0	0	0	1	0.2
Nyctea scandiaca	BOD		0	4	3	5	1	3
Nyctea scandiaca	LIV		1	34	0	5	2	8.4
Nyctea scandiaca	SPE		0	0	1	1	0	0.400
Otus spp.	SPE		0	0	1	0	1	0.4
Otus albugularis	BOD		0	0	0	1	0	0.200
Otus albugularis	SPE		0	0	2	1	0	0.6
Otus asio	SPE		0	0	1	7	0	2
Otus bakkamoena	BOD		0	0	0	0	4	0.8
Otus bakkamoena	LIV		60	0	0	0	0	12
Otus bakkamoena	SPE		0	0	12	0	4	3.2
Otus brucei	LIV		0	25	150	200	200	115
Otus choliba	BOD		2	0	0	1	1	0.8
Otus choliba	LIV		18	26	0	0	0	9
Otus choliba	SKE		0	1	0	0	5	1.2
Otus choliba	SKI		0	0	0	0	2	0.400
Otus choliba	SPE		2	2	0	0	7	2.2
Otus flammeolus	LIV		2	0	3	0	0	1
Otus ingens	BOD		0	1	0	1	0	0.4
Otus ingens	SPE		0	1	0	1	0	0.400
Otus irenae	LIV		0	0	10	0	0	2
Otus leucotis	LIV		50	20	561	874	943	490
Otus longicornis	SPE		0	1	2	0	0	0.6
Otus roboratus	LIV		23	19	0	0	0	8
Otus rutilus	BOD		3	0	0	0	0	0.6
Otus rutilus	LIV		0	0	0	1	0	0.200
Otus rutilus	SPE		4	1	7	0	0	2.4
Otus rutilus	SPE	kg	0	0	0	0	0	0.001
Otus scops	BOD		0	1	2	0	1	0.8
Otus scops	LIV		203	142	130	955	316	349
Otus scops	SKI		0	0	0	0	1	0.2
Otus scops	SPE		0	0	3	4	3	2
Otus scops	TRO		0	0	0	1	0	0.2
Otus trichopsis	BOD		0	0	1	0	0	0.200
Otus trichopsis	LIV		0	0	1	0	0	0.2
Otus trichopsis	SKI		0	0	0	0	1	0.200
Otus trichopsis	SPE		0	0	1	0	0	0.2
Otus vermiculatus	BOD		0	0	2	1	1	1
Otus vermiculatus	SPE		0	0	3	0	0	0.6
Otus watsonii	BOD		0	1	0	2	2	1
Otus watsonii	LIV		28	34	0	0	0	12.4
Otus watsonii	SKE		0	4	0	0	0	1
Otus watsonii	SPE		0	1	1	0	0	0.4
Pulsatrix melanota	BOD		1	0	0	0	0	0.200
Pulsatrix melanota	LIV		32	26	0	4	0	12.4
Pulsatrix melanota	SPE		1	0	0	0	0	0.200
Pulsatrix perspicillata	LIV		38	39	5	8	1	18.2
Pulsatrix perspicillata	SPE	FLA	0	0	0	0	2	0.400
Scotopelia peli	LIV		0	12	15	26	6	11.8
Speotyto cunicularia	FEA		0	150	9	400	322	176
Speotyto cunicularia	LIV		176	134	0	20	0	66
Speotyto cunicularia	SKE		1	1	0	0	0	0.400
Speotyto cunicularia	SPE		0	60	0	0	0	12
Speotyto cunicularia	TRO		0	1	0	0	0	0.200
Strix albitarsus	BOD		0	0	1	0	0	0.2
Strix aluco	BOD		4	5	11	2	4	5
Strix aluco	LIV		8	11	10	33	0	12.4
Strix aluco	SKE		0	1	0	0	0	0.200
Strix aluco	SKI		3	1	2	0	0	1.2
Strix aluco	SPE		23	38	39	230	2	66
Strix huhula	LIV		0	0	0	8	0	1.6

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Strix nebulosa	BOD		0	0	1	1	1	1
Strix nebulosa	LIV		9	26	7	0	0	8.4
Strix nebulosa	SKI		0	0	0	1	0	0.200
Strix rufipes	SPE		1	2	0	0	0	0.6
Strix seloputo	SPE		0	3	0	0	0	1
Strix uralensis	BOD		0	0	2	1	3	1.2
Strix uralensis	LIV		11	29	10	11	0	12
Strix uralensis	SPE		0	1	0	0	0	0.2
Strix varia	BOD		0	1	0	0	0	0.200
Strix varia	SPE		1	0	0	0	0	0.2
Strix virgata	BOD		1	0	0	0	0	0.200
Strix virgata	LIV		0	0	0	8	8	3.2
Strix virgata	SPE		1	1	2	2	0	1
Strix woodfordii	LIV		23	20	20	56	43	32.4
Strix woodfordii	TRO		0	0	0	1	0	0.200
Strix woodfordii	UNS		2	0	0	0	0	0.4
Surnia ulula	BOD		1	2	0	1	0	1
Surnia ulula	FEA		0	0	0	0	1	0.2
Surnia ulula	LIV		2	37	0	0	0	8
Surnia ulula	SPE		1	0	0	0	0	0.2
Adelomyia melanogenys	BOD		1	6	7	1	0	3
Adelomyia melanogenys	LIV		0	0	0	4	0	0.8
Adelomyia melanogenys	SPE		1	6	8	1	0	3
Aglaeactis cupripennis	BOD		0	1	0	6	0	1.4
Aglaeactis cupripennis	LIV		107	173	0	4	0	57
Aglaeactis cupripennis	SKE		0	0	0	0	1	0.2
Aglaeactis cupripennis	SPE		0	1	0	6	5	2
Agelaiocercus kingi	BOD		2	7	0	0	0	1.8
Agelaiocercus kingi	LIV		37	27	0	4	0	14
Agelaiocercus kingi	SPE		2	7	0	0	0	1.8
Agyrtria brevisrostris	BOD		0	0	0	5	0	1
Agyrtria brevisrostris	SPE		0	0	3	1	0	0.8
Agyrtria candida	BOD		3	0	6	4	0	3
Agyrtria candida	SKI		0	2	0	0	0	0.4
Agyrtria candida	SPE		0	4	3	9	0	3
Agyrtria cyanocephala	SKI		0	0	4	0	1	1
Agyrtria cyanocephala	SPE		0	0	10	4	0	3
Agyrtria franciae	LIV		49	29	0	0	0	15.6
Agyrtria leucogaster	SPE		0	0	0	8	0	2
Agyrtria versicolor	SKI		0	2	0	0	0	0.4
Amazilia spp.	SKI		0	0	0	0	1	0.200
Amazilia spp.	SPE		0	1	0	0	5	1.2
Amazilia amazilia	LIV		650	876	0	0	0	305
Amazilia rutila	BOD		0	0	2	0	0	0.4
Amazilia rutila	SKI		0	0	4	0	1	1
Amazilia rutila	SPE		0	1	5	8	4	3.6
Amazilia tzacatl	BOD		7	0	8	4	0	4
Amazilia tzacatl	SKI		0	3	0	0	1	0.8
Amazilia tzacatl	SPE		1	4	9	6	5	5
Amazilia yucatanensis	SKI		0	4	0	0	0	0.8
Amazilia yucatanensis	SPE		0	18	0	0	0	4
Anthracothonax dominicus	BOD		0	0	0	2	0	0.4
Anthracothonax mango	LIV		2	0	0	0	0	0.400
Anthracothonax nigricollis	BOD		0	0	0	1	0	0.2
Anthracothonax nigricollis	LIV		0	0	0	0	4	1
Anthracothonax nigricollis	SKI		0	4	0	0	0	0.8
Anthracothonax nigricollis	SPE		2	3	0	1	0	1
Anthracothonax prevostii	BOD		0	0	0	3	0	0.6
Anthracothonax prevostii	LIV		3	3	0	0	0	1
Anthracothonax veraguensis	SPE		0	0	0	3	0	0.6
Archilochus alexandri	BOD		0	0	0	13	0	3
Archilochus alexandri	EXT		0	0	0	390	0	78
Archilochus colubris	BOD		0	0	2	0	7	2
Archilochus colubris	LIV		0	0	0	3	0	0.6
Archilochus colubris	SKI		0	0	0	0	1	0.200
Archilochus colubris	SPE		3	0	2	4	2	2.2
Atthis spp.	LIV		8	0	0	0	0	2
Augastes geoffroyi	BOD		0	0	4	0	0	0.8

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Augastes geoffroyi	SPE		0	0	3	0	0	1
Basilinna leucotis	BOD		0	0	1	0	0	0.2
Basilinna leucotis	LIV		0	0	4	0	0	1
Basilinna leucotis	SKI		0	0	1	0	1	0.4
Basilinna leucotis	SPE		0	0	5	4	0	2
Basilinna xantusii	SPE		0	8	0	0	0	1.6
Boissonneaua flavescens	SPE		0	0	0	1	0	0.200
Boissonneaua matthewsii	BOD		1	1	3	0	0	1
Boissonneaua matthewsii	SPE		1	1	3	0	0	1
Calliphlox amethystina	SKE		0	1	0	0	0	0.2
Calliphlox evelynae	BOD		0	0	0	2	0	0.400
Calypte anna	BOD		0	0	4	0	2	1.2
Calypte anna	SPE		0	1	0	0	0	0.200
Calypte costae	SPE		0	1	0	0	0	0.2
Campylopterus spp.	SPE		0	1	0	0	0	0.200
Campylopterus curvipennis	BOD		0	0	1	0	0	0.2
Campylopterus cuvierii	BOD		0	0	0	1	0	0.200
Campylopterus cuvierii	SPE		0	0	0	1	0	0.2
Campylopterus ensipennis	LIV		0	0	0	10	0	2
Campylopterus ensipennis	SPE		18	0	0	0	0	3.6
Campylopterus falcatus	LIV		0	0	0	0	40	8
Campylopterus hemileucurus	BOD		0	0	3	0	0	0.6
Campylopterus hemileucurus	SKI		0	1	0	0	0	0.200
Campylopterus hemileucurus	SPE		0	1	3	29	0	6.6
Campylopterus hyperythrus	SPE		0	0	20	0	0	4
Campylopterus largipennis	BOD		0	3	3	11	3	4
Campylopterus largipennis	SKE		0	0	0	0	1	0.200
Campylopterus largipennis	SPE		0	3	11	8	5	5.4
Campylopterus rufus	BOD		0	0	3	0	0	1
Campylopterus rufus	SPE		0	0	5	19	0	4.8
Chaetocercus bombus	BOD		1	0	0	0	0	0.200
Chaetocercus bombus	SPE		1	0	0	0	0	0.2
Chaetocercus mulsant	BOD		0	7	0	0	0	1
Chaetocercus mulsant	SPE		0	7	1	0	0	1.6
Chalcostigma olivaceum	LIV		33	900	0	0	0	187
Chalcostigma ruficeps	BOD		0	0	3	4	0	1.4
Chalcostigma ruficeps	SPE		0	0	4	4	0	2
Chalybura urochrysis	SPE		0	0	0	0	2	0.4
Chlorostilbon aureoventris	SKE		1	1	0	0	1	1
Chlorostilbon aureoventris	SPE		6	9	0	0	2	3.4
Chlorostilbon canivetii	BOD		0	0	2	0	0	0.400
Chlorostilbon canivetii	SPE		0	0	2	4	2	1.6
Chlorostilbon mellisugus	BOD		0	4	0	0	0	1
Chlorostilbon mellisugus	LIV		0	13	0	0	0	2.6
Chlorostilbon mellisugus	SPE		0	0	1	0	0	0.200
Chlorostilbon notatus	BOD		0	0	0	3	0	0.6
Chlorostilbon notatus	SPE		0	0	0	5	0	1
Chlorostilbon poortmani auratus	LIV		0	0	0	10	0	2
Chlorostilbon ricordii	BOD		0	2	0	0	0	0.400
Chlorostilbon swainsonii	BOD		0	0	0	6	0	1.2
Chrysolampis mosquitus	BOD		0	3	0	2	0	1
Chrysolampis mosquitus	LIV		0	0	0	20	0	4
Chrysolampis mosquitus	SPE		0	0	0	1	0	0.200
Chrysuronia oenone	BOD		0	1	2	5	3	2.2
Chrysuronia oenone	SPE		0	1	5	2	0	2
Coeligena coeligena	BOD		0	15	5	4	4	5.6
Coeligena coeligena	LIV		43	33	0	4	0	16
Coeligena coeligena	SPE		0	15	11	0	0	5.2
Coeligena iris	LIV		119	205	0	0	0	65
Coeligena torquata	BOD		0	0	2	6	0	1.6
Coeligena torquata	LIV		16	16	0	0	0	6
Coeligena torquata	SPE		0	0	2	6	0	1.6
Coeligena violifer	BOD		0	6	4	10	0	4
Coeligena violifer	LIV		25	13	0	0	0	7.6
Coeligena violifer	SPE		0	6	8	10	0	5
Colibri coruscans	BOD		0	1	0	3	0	0.8
Colibri coruscans	LIV		690	809	0	0	36	307
Colibri coruscans	SKE		0	0	0	0	3	0.6

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Colibri coruscans	SKI		0	0	0	0	1	0.200
Colibri coruscans	SPE		0	1	1	4	15	4.2
Colibri delphinae	BOD		3	0	0	0	0	1
Colibri delphinae	LIV		20	2	0	0	0	4.4
Colibri delphinae	SPE		3	0	13	0	0	3
Colibri thalassinus	BOD		1	1	1	0	0	0.6
Colibri thalassinus	LIV		25	16	3	0	0	9
Colibri thalassinus	SPE		1	1	8	3	0	2.6
Damophila julie	LIV		48	31	0	0	0	16
Doryfera johannae	BOD		0	0	2	3	3	1.6
Doryfera johannae	SPE		0	0	22	0	0	4
Doryfera ludovicae	BOD		0	9	0	5	0	2.8
Doryfera ludovicae	SPE		0	9	0	5	0	3
Ensifera ensifera	BOD		0	0	0	1	0	0.2
Ensifera ensifera	LIV		19	13	0	0	0	6
Ensifera ensifera	SPE		0	0	0	1	0	0.2
Eriocnemis glaucopoides	SPE		0	0	1	0	0	0.200
Eriocnemis vestitus	SPE		0	0	0	1	0	0.2
Eugenes fulgens	BOD		0	0	1	0	0	0.200
Eugenes fulgens	LIV		0	0	2	0	0	0.4
Eugenes fulgens	SPE		0	0	4	5	0	2
Eulampis jugularis	SPE		0	0	0	1	0	0.2
Eupherusa cyanophrys	LIV		0	36	0	0	0	7
Eupherusa eximia	SPE		0	2	1	0	0	0.6
Eutoxeres spp.	BOD		0	0	0	4	0	1
Eutoxeres spp.	SPE		0	0	0	4	0	0.8
Eutoxeres aquila	BOD		3	0	2	0	0	1
Eutoxeres aquila	SPE		3	0	3	0	0	1.2
Eutoxeres condamini	BOD		0	9	12	10	2	7
Eutoxeres condamini	SPE		0	9	3	8	0	4
Florisuga mellivora	BOD		4	5	6	8	5	6
Florisuga mellivora	LIV		34	13	0	0	4	10.2
Florisuga mellivora	SKI		0	2	0	0	0	0.400
Florisuga mellivora	SPE		3	6	7	3	1	4
Glaucis hirsuta	BOD		0	4	2	14	4	5
Glaucis hirsuta	LIV		24	18	0	0	4	9.2
Glaucis hirsuta	SKE		0	0	0	0	1	0.200
Glaucis hirsuta	SPE		0	4	4	18	5	6.2
Goldmania violiceps	LIV		0	0	0	1	0	0.200
Haplophaedia spp.	LIV		4	0	0	0	0	0.8
Haplophaedia aureliae	BOD		3	6	0	0	0	2
Haplophaedia aureliae	SPE		3	8	4	0	0	3
Heliangelus amethysticollis	BOD		10	4	6	10	0	6
Heliangelus amethysticollis	SPE		10	4	7	10	0	6.2
Heliangelus regalis	BOD		0	0	4	3	3	2
Heliangelus regalis	SPE		0	0	7	0	0	1.4
Heliangelus viola	BOD		1	0	0	0	0	0.200
Heliangelus viola	LIV		62	20	0	0	0	16.4
Heliangelus viola	SPE		1	0	0	0	0	0.200
Heliodoxa aurescens	BOD		0	0	2	5	3	2
Heliodoxa aurescens	SPE		0	0	5	2	0	1
Heliodoxa branickii	BOD		0	0	2	1	1	0.8
Heliodoxa branickii	SPE		0	0	3	0	0	1
Heliodoxa jacula	SPE		0	0	0	0	1	0.2
Heliodoxa leadbeateri	BOD		2	1	2	0	0	1
Heliodoxa leadbeateri	LIV		0	0	0	4	0	0.8
Heliodoxa leadbeateri	SPE		2	1	2	0	0	1
Heliodoxa rubinoides	BOD		0	8	0	0	0	1.6
Heliodoxa rubinoides	LIV		28	15	0	0	0	9
Heliodoxa rubinoides	SPE		0	8	0	0	0	1.6
Heliodoxa xanthogonys	SPE		0	0	19	0	0	4
Heliomaster furcifer	SPE		1	2	0	0	0	0.6
Heliomaster longirostris	LIV		48	16	0	0	0	13
Heliomaster longirostris	SPE		0	0	0	1	1	0.4
Heliothryx aurita	LIV		12	0	0	0	4	3
Hylocharis spp.	SKI		0	2	0	0	0	0.4
Hylocharis chrysur	SKE		1	1	0	3	1	1
Hylocharis chrysur	SKI		1	1	0	0	2	0.8

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Hylocharis chrysur	SPE		4	6	0	0	4	3
Hylocharis cyanus	BOD		0	0	0	6	2	1.6
Hylocharis cyanus	SPE		0	0	1	4	0	1
Hylocharis eliciae	SPE		0	0	0	7	1	1.6
Hylocharis sapphirina	BOD		0	0	0	1	1	0.400
Hylocharis sapphirina	SKI		0	3	0	0	0	0.6
Klais guimeti	BOD		0	0	1	1	1	1
Lafresnaya lafresnayi	BOD		0	0	0	3	0	0.6
Lafresnaya lafresnayi	SPE		0	0	0	3	0	1
Lampornis spp.	SPE		0	0	0	0	1	0.2
Lampornis amethystinus	BOD		0	0	6	0	0	1
Lampornis amethystinus	LIV		0	0	4	0	0	0.8
Lampornis amethystinus	SPE		0	0	10	0	0	2
Lampornis clemenciae	SPE		0	2	0	0	0	0.4
Lampornis viridipallens	SKI		0	0	1	0	0	0.200
Lampornis viridipallens	SPE		0	0	0	8	0	1.6
Lepidopyga coeruleogularis	SPE		0	0	0	0	2	0.400
Lesbia nuna	LIV		697	242	0	0	0	187.8
Lesbia victoriae	LIV		73	43	0	0	0	23
Leucippus chionogaster	SPE		0	0	3	0	0	0.6
Leucippus chlorocercus	BOD		0	0	0	1	1	0.400
Leucippus taczanowskii	BOD		2	0	0	0	0	0.4
Leucippus taczanowskii	SPE		4	0	0	0	0	1
Lophornis ornatus	SKE		0	1	0	0	0	0.2
Lophornis pavoninus	SPE		0	0	5	0	0	1
Mellisuga minima	BOD		0	0	0	2	0	0.4
Metallura aeneocauda	BOD		0	0	1	5	0	1
Metallura aeneocauda	SPE		0	0	0	5	0	1
Metallura phoebe	LIV		72	37	0	0	0	22
Metallura tyrianthina	BOD		0	9	4	9	0	4.4
Metallura tyrianthina	LIV		9	10	0	4	0	5
Metallura tyrianthina	SPE		0	9	6	9	0	4.8
Microchera albocoronata	SPE		0	0	1	0	0	0.200
Myrtis fanny	LIV		654	187	0	0	0	168.2
Ocreatus underwoodii	BOD		2	0	0	1	1	1
Ocreatus underwoodii	SPE		2	0	1	0	0	0.6
Oreotrochilus estella	LIV		114	35	0	4	0	31
Oreotrochilus melanogaster	LIV		98	62	0	0	0	32
Patagona gigas	LIV		98	22	0	4	0	25
Phaethornis augusti	SKI		0	1	0	0	0	0.2
Phaethornis bourcierii	BOD		0	0	0	7	2	2
Phaethornis bourcierii	SPE		0	0	9	5	0	2.8
Phaethornis eurynome	SPE		0	1	0	0	0	0.200
Phaethornis griseogularis	LIV		39	12	0	0	0	10.2
Phaethornis guy	BOD		1	0	3	11	2	3
Phaethornis guy	SPE		1	0	4	6	8	3.8
Phaethornis hispidus	BOD		0	0	0	6	1	1
Phaethornis hispidus	SPE		1	3	0	5	0	1.8
Phaethornis koepckeae	BOD		0	7	0	1	0	2
Phaethornis koepckeae	SPE		0	7	0	1	0	1.6
Phaethornis longuemareus	BOD		1	0	9	4	3	3
Phaethornis longuemareus	SKI		0	2	0	0	1	0.6
Phaethornis longuemareus	SPE		0	2	7	15	7	6
Phaethornis malaris	BOD		0	0	4	10	7	4.2
Phaethornis malaris	SPE		0	0	9	3	0	2
Phaethornis ruber	BOD		0	1	0	3	1	1
Phaethornis ruber	SPE		0	0	0	2	0	0.400
Phaethornis stuarti	BOD		0	2	0	5	0	1.4
Phaethornis stuarti	SPE		0	2	0	5	0	1
Phaethornis superciliosus	BOD		5	2	2	10	0	3.8
Phaethornis superciliosus	LIV		36	6	0	0	0	8
Phaethornis superciliosus	SKI		0	7	0	0	0	1.4
Phaethornis superciliosus	SPE		1	7	8	14	12	8
Phaethornis syrmatophorus	BOD		7	0	0	0	0	1.4
Phaethornis syrmatophorus	SPE		7	0	0	0	0	1
Polyerata amabilis	SPE		0	0	0	1	0	0.2
Polyerata fimbriata	BOD		1	0	0	0	0	0.200
Polyerata fimbriata	LIV		25	0	0	0	0	5

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Polyerata fimbriata	SKI		0	13	0	0	0	3
Polyerata fimbriata	SPE		1	0	1	0	0	0.4
Polyerata lactea	BOD		0	0	0	1	0	0.200
Polyerata lactea	SPE		0	0	0	1	0	0.2
Polyonymus caroli	LIV		506	159	0	0	0	133
Polytmus guainumbi	SKI		0	1	0	0	0	0.2
Polytmus guainumbi	SPE		0	1	0	0	0	0.200
Polytmus theresiae	BOD		0	0	0	7	0	1.4
Polytmus theresiae	SPE		0	0	3	7	0	2
Pterophanes cyanopterus	BOD		0	1	0	0	0	0.2
Pterophanes cyanopterus	SPE		0	1	6	0	0	1
Rhodopis vesper	LIV		429	157	0	0	0	117.2
Saucerottia beryllina	BOD		0	0	5	0	0	1
Saucerottia beryllina	SPE		0	0	14	27	0	8.2
Saucerottia cyanura	SKI		0	0	1	0	0	0.200
Saucerottia saucerrottei	SPE		0	0	0	0	5	1
Saucerottia tobaci	BOD		0	0	0	5	0	1
Saucerottia viridigaster	SKI		0	1	0	0	0	0.2
Selasphorus rufus	BOD		0	0	0	0	4	1
Selasphorus rufus	SPE		1	0	0	0	0	0.2
Thalurania spp.	BOD		1	0	0	0	0	0.200
Thalurania spp.	LIV		0	200	0	0	0	40
Thalurania spp.	SKE		1	0	0	0	0	0.200
Thalurania spp.	SPE		5	0	0	0	0	1
Thalurania colombica	BOD		0	0	1	0	0	0.200
Thalurania colombica	SPE		0	0	0	0	3	0.6
Thalurania furcata	BOD		0	3	4	14	7	6
Thalurania furcata	SPE		0	3	27	11	0	8.2
Thalurania glaucopis	SKE		0	1	0	0	0	0.200
Thaumastura cora	LIV		667	237	0	4	0	181.6
Threnetes niger	BOD		0	8	2	15	4	6
Threnetes niger	LIV		14	0	0	4	0	3.6
Threnetes niger	SPE		0	8	4	11	0	5
Threnetes ruckeri	BOD		0	0	1	1	0	0.4
Threnetes ruckeri	SPE		0	0	0	1	5	1
Topaza pella	BOD		0	0	0	6	2	1.6
Topaza pella	SPE		4	0	0	4	0	2
Trochilus polytmus	LIV		20	0	0	8	0	5.6
Trochilus polytmus	SPE		0	0	0	0	55	11
Bucerotidae spp.	FEA		0	0	0	24	0	4.8
Aceros spp.	FEA		0	0	0	3	0	1
Aceros spp.	SKE		0	0	1	0	0	0.2
Aceros spp.	TEE		1	0	0	0	0	0.200
Aceros plicatus	CAR		0	0	5	0	0	1
Aceros plicatus	FEA		0	0	0	1	3	1
Aceros plicatus	LIV		23	0	0	240	0	52.6
Aceros plicatus	TEE		1	0	0	0	0	0.200
Aceros undulatus	LIV		1	1	0	0	0	0.4
Aceros waldeni	SPE	FLA	0	0	0	7	0	1
Anthracoseros spp.	FEA	kg	0	18900	0	0	0	3780
Anthracoseros malayanus	BOD		0	1	0	0	0	0.200
Buceros spp.	FEA		6	185	0	0	0	38.2
Buceros hydrocorax	GAR		1	0	0	0	0	0.200
Buceros rhinoceros	CAR		2	0	0	0	0	0.4
Buceros rhinoceros	FEA		492	877	411	649	0	486
Penelopides spp.	LIV		5	0	0	0	0	1
Penelopides panini	SPE	FLA	0	0	0	26	0	5
Pteroglossus aracari	FEA		0	0	1	0	0	0.2
Pteroglossus aracari	LIV		237	289	237	217	58	208
Pteroglossus aracari	SKI		1	1	0	0	0	0.4
Pteroglossus aracari	SPE		1	0	1	0	0	0.400
Pteroglossus castanotis	LIV		2	0	0	0	0	0.4
Pteroglossus castanotis	SPE		2	0	0	0	0	0.400
Pteroglossus viridis	LIV		115	158	120	74	32	99.8
Pteroglossus viridis	SKI		0	2	0	0	0	0.400
Ramphastos spp.	DER		0	0	0	30	0	6
Ramphastos spp.	FEA		0	0	3	0	0	1
Ramphastos sulfuratus	LIV		0	3	16	21	0	8

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Ramphastos sulfuratus	SKI		0	0	0	0	1	0.200
Ramphastos sulfuratus	SKU		2	0	0	0	0	0.4
Ramphastos sulfuratus	SPE		0	0	1	0	4	1
Ramphastos toco	LIV		180	193	181	342	478	274.8
Ramphastos toco	SPE		8	3	0	0	0	2
Ramphastos tucanus	BOD		0	4	2	0	0	1.2
Ramphastos tucanus	FEA		0	0	1	0	0	0.200
Ramphastos tucanus	LIV		273	212	221	154	83	188.6
Ramphastos tucanus	SPE		2	5	5	0	0	2
Ramphastos vitellinus	BOD		0	10	0	0	0	2
Ramphastos vitellinus	FEA		0	1	2	25	0	6
Ramphastos vitellinus	LIV		288	320	304	179	113	240.8
Ramphastos vitellinus	SKI		0	2	0	0	0	0.400
Ramphastos vitellinus	SPE		13	10	0	0	0	4.6
Ramphastos vitellinus	SPE	FLA	0	0	0	0	2	0.400
Cotinga spp.	FEA		0	0	1	0	0	0.2
Rupicola peruviana	FEA		0	0	1	0	0	0.200
Rupicola peruviana	LIV		8	0	22	16	24	14
Rupicola peruviana	SKI		2	0	0	0	0	0.400
Rupicola rupicola	LIV		0	0	15	0	0	3
Rupicola rupicola	SPE		1	0	0	0	0	0.200
Xipholena atropurpurea	FEA		0	0	1	0	0	0.2
Pitta guajana	SKI		0	1	0	0	0	0.200
Pitta guajana	SPE		0	1	0	0	0	0.2
Pycnonotus zeylanicus	LIV		155	15	0	0	0	34
Leiothrix argentauris	LIV		6770	3410	0	0	0	2036
Leiothrix argentauris	SKI		0	0	0	1	0	0.200
Leiothrix argentauris	SPE		0	0	0	1	0	0.2
Leiothrix lutea	BOD		0	0	0	8	0	2
Leiothrix lutea	LIV		82112	11818	0	0	500	18886
Leiothrix lutea	SPE		1	0	0	0	0	0.200
Paroaria capitata	LIV		275	1428	1577	1861	794	1187
Paroaria capitata	SPE		5	8	0	0	0	3
Paroaria coronata	BOD		3	3	1	0	0	1.4
Paroaria coronata	LIV		1485	1548	2907	2970	1388	2060
Paroaria coronata	SKE		0	0	0	2	0	0.4
Paroaria coronata	SKI		0	0	7	0	0	1
Paroaria coronata	SPE		2	1	8	0	0	2.2
Serinus mozambicus	LIV		0	0	0	0	300	60
Poephila cincta	LIV		19	0	0	0	0	3.8
Gracula religiosa	LIV		16306	19955	8970	3790	2873	10379
Gracula religiosa	SPE		0	0	0	0	1	0.2
Paradisaeidae spp.	GAR		0	0	0	5	0	1
Astrapia stephaniae	FEA		0	0	0	0	5	1
Astrapia stephaniae	SPE		0	0	0	0	1	0.200
Cicinnurus regius	FEA		0	0	0	1	0	0.2
Cicinnurus regius	LIV		10	0	0	0	0	2
Cicinnurus regius	SPE		4	0	0	0	0	0.8
Epimachus fastuosus	FEA		0	0	25	0	1	5
Epimachus meyeri	FEA		0	1	0	0	2	0.6
Lophorina superba	FEA		0	0	0	2	5	1
Manucodia keraudrenii	SPE		0	0	0	0	2	0.4
Paradisaea spp.	FEA		0	0	0	3	0	1
Paradisaea apoda	FEA		0	0	0	1	0	0.2
Paradisaea apoda	LIV		10	0	0	0	0	2
Paradisaea minor	FEA		0	6	12	8	12	7.6
Paradisaea minor	LIV		10	0	0	0	0	2
Paradisaea minor	SPE		8	0	0	1	1	2
Paradisaea raggiana	BOD		0	2	0	0	0	0.400
Paradisaea raggiana	FEA		8	109	33	19	21	38
Paradisaea raggiana	LIV		0	0	0	4	0	1
Paradisaea raggiana	SPE		8	0	1	0	0	1.8
Paradisaea rubra	FEA		0	0	0	0	1	0.200
Paradisaea rubra	LIV		12	0	0	0	0	2.4
Paradisaea rudolphi	FEA		1	1	6	0	0	2
Paradisaea rudolphi	SPE		2	0	0	0	1	0.6
Pteridophora alberti	FEA		0	8	14	0	5	5
Ptiloris magnificus	SPE		2	0	0	0	0	0.4

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
<i>Seleucidis melanoleuca</i>	LIV		10	0	0	0	0	2
REPTILIA								
<i>Dermatemys mawii</i>	CAP		1	0	0	0	0	0.200
<i>Annamemys annamensis</i>	LIV		0	0	0	0	6	1.2
<i>Callagur borneoensis</i>	LIV		519	8094	6555	432	343	3189
<i>Cuora</i> spp.	LIV		0	130	0	210	0	68
<i>Cuora amboinensis</i>	CAP	kg	0	0	0	0	600	120
<i>Cuora amboinensis</i>	LIV		0	274657	51198	52511	135121	102697.4
<i>Cuora aurocapitata</i>	LIV		0	0	0	100	0	20
<i>Cuora flavomarginata</i>	LIV		0	47	6	0	0	10.6
<i>Cuora galbinifrons</i>	LIV		0	320	16	0	3	68
<i>Cuora mccordi</i>	LIV		0	4	0	0	0	0.8
<i>Cuora pani</i>	LIV		0	0	2	0	0	0.400
<i>Cuora zhoui</i>	LIV		0	3	0	0	0	0.6
<i>Heosemys grandis</i>	CAP	kg	0	0	0	0	512	102
<i>Heosemys grandis</i>	LIV		0	0	0	0	3365	673
<i>Heosemys spinosa</i>	CAP	kg	0	0	0	0	1050	210
<i>Heosemys spinosa</i>	LIV		0	0	0	0	5481	1096.2
<i>Hieremys annandalii</i>	LIV		0	0	0	0	3181	636
<i>Leucocephalon yuwonoi</i>	LIV		0	0	0	0	88	17.6
<i>Orlitia borneensis</i>	CAP	kg	0	0	0	0	50	10
<i>Orlitia borneensis</i>	LIV		0	0	0	0	8606	1721.2
<i>Siebenrockiella crassicollis</i>	CAP	kg	0	0	0	0	3700	740
<i>Siebenrockiella crassicollis</i>	LIV		0	0	0	0	15454	3090.8
<i>Terrapene</i> spp.	LIV		0	0	0	0	2	0.400
<i>Terrapene carolina</i>	CAP		0	0	0	1	0	0.2
<i>Terrapene carolina</i>	LIV		0	4	3	2	6	3
<i>Terrapene ornata</i>	LIV		0	2	0	0	2	0.8
<i>Testudinidae</i> spp.	CAP		0	9	5	5	2	4
<i>Chersina angulata</i>	LIV		0	25	0	2	2	5.8
<i>Chersina angulata</i>	SHE		0	1	0	0	0	0.200
<i>Geochelone carbonaria</i>	CAP		0	2	0	0	0	0.4
<i>Geochelone carbonaria</i>	LIV		1276	1215	2046	1050	1083	1334
<i>Geochelone carbonaria</i>	MEA	kg	0	0	0	11	0	2.2
<i>Geochelone carbonaria</i>	SHE		0	0	2	0	0	0.400
<i>Geochelone chilensis</i>	CAP		0	3	0	0	0	0.6
<i>Geochelone chilensis</i>	LIV		7	8	9	19	187	46
<i>Geochelone chilensis</i>	SHE		0	0	3	0	0	0.6
<i>Geochelone denticulata</i>	CAP		0	0	0	10	0	2
<i>Geochelone denticulata</i>	LIV		1045	893	792	848	573	830.2
<i>Geochelone denticulata</i>	SKI		0	0	0	10	0	2
<i>Geochelone elegans</i>	LIV		0	0	0	0	11	2.2
<i>Geochelone gigantea</i>	CAP		0	0	1	0	3	1
<i>Geochelone gigantea</i>	LIV		2	7	2	4	1	3.2
<i>Geochelone nigra</i>	LIV		0	0	2	0	0	0.400
<i>Geochelone pardalis</i>	CAP		2	0	2	1	8	2.6
<i>Geochelone pardalis</i>	LIV		19469	2832	4682	1765	706	5891
<i>Geochelone pardalis</i>	SHE		0	0	3	0	1	0.8
<i>Geochelone pardalis</i>	TRO		0	0	2	0	1	1
<i>Geochelone platynota</i>	LIV		0	3	0	10	0	2.6
<i>Geochelone sulcata</i>	LIV		566	213	14	212	55	212
<i>Geochelone sulcata</i>	SHE		0	1	0	0	0	0.2
<i>Gopherus agassizii</i>	CAP		0	0	1	1	4	1
<i>Gopherus agassizii</i>	LIV		0	4	4	4	8	4
<i>Homopus areolatus</i>	LIV		0	0	1	0	0	0.200
<i>Homopus signatus</i>	LIV		4	0	4	0	0	1.6
<i>Homopus signatus</i>	SHE		0	1	0	0	0	0.200
<i>Indotestudo</i> spp.	LIV		10	0	0	0	0	2
<i>Indotestudo elongata</i>	LIV		1216	530	554	600	290	638
<i>Indotestudo elongata</i>	LIV	kg	0	0	6000	0	0	1200
<i>Indotestudo elongata</i>	SHE		0	1	0	0	0	0.200
<i>Indotestudo forstenii</i>	BOD		6	0	0	0	0	1.2
<i>Indotestudo forstenii</i>	CAP		3	0	0	0	0	1
<i>Indotestudo forstenii</i>	LIV		443	416	444	306	491	420
<i>Kinixys</i> spp.	BOD		0	0	3	0	0	1
<i>Kinixys</i> spp.	LIV		0	14	0	1001	0	203
<i>Kinixys belliana</i>	BOD		0	0	0	0	51	10
<i>Kinixys belliana</i>	CAP		0	0	0	40	0	8

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Kinixys belliana	LIV		2648	2110	1277	2619	1212	1973
Kinixys erosa	BOD		0	0	2	0	32	6.8
Kinixys erosa	CAP		0	1	0	0	0	0.200
Kinixys erosa	LIV		75	93	220	46	80	102.8
Kinixys erosa	TRO		1	0	0	0	0	0.200
Kinixys homeana	BOD		0	0	2	0	26	5.6
Kinixys homeana	CAP		0	0	0	53	0	11
Kinixys homeana	LIV		999	793	2479	3239	1587	1819.4
Kinixys homeana	LIV	SHP	0	0	0	1	0	0.200
Kinixys natalensis	CAP		0	0	0	1	1	0.4
Kinixys natalensis	TRO		0	0	0	0	1	0.200
Malacochersus spp.	LIV		0	0	1	0	0	0.2
Malacochersus tornieri	LIV		115	250	780	0	5	230
Manouria spp.	LIV		10	4	0	0	0	2.8
Manouria emys	LIV		432	570	595	588	564	550
Manouria impressa	LIV		4	8	9	28	11	12
Manouria impressa	SHE		0	1	0	0	0	0.200
Psammobates oculiferus	CAP		0	0	0	0	1	0.2
Psammobates oculiferus	LIV		0	0	0	1	0	0.200
Psammobates tentorius	CAP		3	0	0	0	0	0.6
Psammobates tentorius	TRO		0	1	0	0	0	0.200
Pyxis spp.	LIV		0	350	135	0	0	97
Pyxis arachnoides	LIV		46	2632	1821	0	0	900
Pyxis arachnoides brygooi	LIV		0	0	100	0	0	20
Pyxis arachnoides oblonga	LIV		0	0	100	0	0	20
Pyxis planicauda	BOD		2	1	0	1	2	1.2
Pyxis planicauda	LIV		30	1494	1103	0	0	525
Testudo spp.	CAP		0	0	0	1	0	0.2
Testudo spp.	LIV		0	100	80	12	0	38
Testudo graeca	BOD		3	1	0	0	0	0.8
Testudo graeca	LIV		802	300	400	4336	4003	1968
Testudo hermanni	LIV		0	302	1	100	1	80.8
Testudo horsfieldii	LIV		34102	61500	38700	25350	25651	37061
Testudo marginata	LIV		0	22	1	1	0	4.8
Chitra chitra	LIV		0	0	0	0	1	0.200
Lissemys punctata	LIV		0	83000	450	0	0	16690
Lissemys punctata	LIV	kg	0	0	88100	0	0	17620
Lissemys punctata punctata	LIV		0	0	0	0	2	0.4
Pelochelys bibroni	LIV		0	0	0	0	58	12
Pelochelys cantorii	LIV		0	0	0	0	23	4.6
Trionyx triunguis	LIV		0	0	3	0	0	1
Erymnochelys madagascariensis	BOD		0	1	0	1	0	0.4
Erymnochelys madagascariensis	LIV		25	59	42	25	36	37
Peltocephalus dumeriliana	LIV		0	0	2	0	4	1.2
Podocnemis spp.	CAP		0	0	1	0	1	0.400
Podocnemis spp.	LIV		0	6	0	4	0	2
Podocnemis spp.	SHE		0	1	1	0	0	0.400
Podocnemis erythrocephala	LIV		11	36	26	9	19	20.2
Podocnemis unifilis	CAP		0	0	0	0	1	0.200
Podocnemis unifilis	LIV		7	0	6	8	0	4.2
Podocnemis vogli	CAP		0	0	0	13	0	3
Crocodylia spp.	BOD		6	0	2	6	0	2.8
Crocodylia spp.	MEA		0	0	0	1	0	0.200
Crocodylia spp.	SKI		2	2	16	36	1	11.4
Crocodylia spp.	SKP		0	0	1	2	0	1
Crocodylia spp.	TRO		0	0	0	0	12	2.4
Alligator mississippiensis	BOD		0	1	2	0	0	1
Alligator mississippiensis	LIV		417	13	0	0	0	86
Alligator mississippiensis	MEA		28	0	0	2	0	6
Alligator mississippiensis	MEA	kg	32984	14676	32993	18300	34679	26726.4
Alligator mississippiensis	SKI		47753	50294	45379	40305	46738	46094
Alligator mississippiensis	SKP		4501	273	2427	2407	604	2042.4
Alligator mississippiensis	TRO		0	5	3	4	5	3
Caiman spp.	BOD		0	0	1	1	10	2.4
Caiman spp.	TRO		0	0	0	0	88	18
Caiman crocodilus	BOD		4	40	84	20	50	39.6
Caiman crocodilus	LIV		0	10	0	2	30	8
Caiman crocodilus	SKI		0	0	0	1	0	0.2

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Caiman crocodilus	SKP	kg	0	385	0	0	0	77
Caiman crocodilus crocodilus	BOD		5	55	40	3	0	20.6
Caiman crocodilus crocodilus	LIV		12430	8785	4255	4718	4959	7029
Caiman crocodilus crocodilus	SKI		16440.5	25520.5	15373.5	15220	31636	20838.1
Caiman crocodilus crocodilus	SKI	kg	2255	0	0	0	0	451
Caiman crocodilus crocodilus	SKP		476	90	3872	100	0	907.6
Caiman crocodilus crocodilus	SKP	kg	3101	168	85	0	0	671
Caiman crocodilus crocodilus	TRO		0	20	0	1	0	4.2
Caiman crocodilus fuscus	BOD		222	0	2	188	5	83
Caiman crocodilus fuscus	SKI		3650	10776	3373	49	5725	4714.6
Caiman crocodilus fuscus	SKP		7589	0	0	0	800	1678
Caiman latirostris	BOD		0	0	0	2	0	0.4
Caiman yacare	BOD		0	0	0	0	2	0.400
Caiman yacare	LIV		0	0	0	200	0	40
Caiman yacare	MEA	kg	0	0	0	0	10	2
Caiman yacare	SKI		17500	11366	31149.5	41312	44900	29245.5
Caiman yacare	SKP		0	0	0	3525	500	805
Caiman yacare	SKP	kg	0	0	0	13	0	2.6
Palaeosuchus palpebrosus	LIV		638	441	350	352	486	453
Palaeosuchus trigonatus	LIV		431	288	310	224	343	319.2
Crocodylidae spp.	TRO		0	0	0	1	0	0.200
Crocodylus spp.	MEA		0	0	0	0	1	0.2
Crocodylus spp.	MEA	kg	1	0	15000	1	0	3000
Crocodylus spp.	SKI		760	0	0	0	0	152
Crocodylus niloticus	BOD		23	13	14	0	28	16
Crocodylus niloticus	LIV		2	1500	14	4000	3000	1703.2
Crocodylus niloticus	MEA		0	1	0	0	0	0.200
Crocodylus niloticus	MEA	kg	500	0	0	0	0	100
Crocodylus niloticus	OIL	l	0	0	0	0	3	1
Crocodylus niloticus	SKI		26143	5119	3012	3966	10721	9792.2
Crocodylus niloticus	SKP		4501	3	8	4467	712	1938
Crocodylus niloticus	TRO		150	178	186	212	313	207.8
Crocodylus novaeguineae novaeguineae	LIV		0	8	0	0	0	2
Crocodylus novaeguineae novaeguineae	SKI		17752	13324	20227	22155	21604	19012.4
Crocodylus novaeguineae novaeguineae	SKP	kg	0	0	0	0	0	0.002
Crocodylus porosus	BOD		0	0	4	0	0	0.8
Crocodylus porosus	MEA	kg	16224	0	500	0	15000	6345
Crocodylus porosus	SKI		8789	4821	3190	2880	3462	4628.4
Crocodylus porosus	SKP		0	918	0	0	0	184
Crocodylus porosus	SKP	kg	0.044	0	0	0	0	0.009
Crocodylus porosus	TRO		0	2	4	0	4	2
Phelsuma spp.	BOD		14	0	14	55	4	17.4
Phelsuma spp.	LIV		0	0	823	495	0	264
Phelsuma abbotti	BOD		0	1	0	0	3	0.8
Phelsuma abbotti	LIV		0	0	1	50	0	10
Phelsuma barbouri	BOD		0	0	4	0	3	1.4
Phelsuma barbouri	LIV		0	0	0	50	0	10
Phelsuma borbonica	BOD		29	0	0	0	0	5.8
Phelsuma cepediana	BOD		25	0	0	0	3	6
Phelsuma cepediana	LIV		0	300	0	0	0	60
Phelsuma comorensis	LIV		0	3965	2410	1044	450	1574
Phelsuma dubia	BOD		1	1	0	0	36	7.6
Phelsuma dubia	LIV		2110	4248	6582	5046	3625	4322
Phelsuma flavigularis	LIV		0	0	0	50	0	10
Phelsuma guentheri	BOD		11	0	0	0	0	2
Phelsuma guimbeaui	BOD		44	0	0	0	0	8.8
Phelsuma guttata	BOD		2	3	5	0	9	4
Phelsuma guttata	LIV		0	0	0	50	0	10
Phelsuma klemmeri	BOD		0	0	2	0	0	0.400
Phelsuma laticauda	BOD		2	4	8	0	1	3
Phelsuma laticauda	LIV		5387	5003	11365	8300	2770	6565
Phelsuma leiogaster	BOD		0	0	1	0	3	0.8
Phelsuma leiogaster	LIV		100	0	3	95	0	40
Phelsuma lineata	BOD		1	0	1	0	30	6.4
Phelsuma lineata	LIV		6002	2535	2310	1810	1755	2882
Phelsuma madagascariensis	BOD		3	6	7	0	58	14.8
Phelsuma madagascariensis	LIV		5327	2410	2576	2136	1860	2862
Phelsuma modesta	LIV		0	0	0	50	0	10

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Phelsuma mutabilis	BOD		2	0	0	0	16	4
Phelsuma mutabilis	LIV		0	0	8	0	0	1.6
Phelsuma nigristriata	LIV		0	400	604	50	0	211
Phelsuma ornata	BOD		49	0	0	0	0	9.8
Phelsuma pusilla	BOD		3	0	3	0	0	1
Phelsuma quadriocellata	BOD		2	1	4	9	47	12.6
Phelsuma quadriocellata	LIV		5301	2233	2129	1890	1785	2668
Phelsuma robertmertensi	LIV		0	400	0	100	0	100
Phelsuma seippi	BOD		0	2	3	0	0	1
Phelsuma serraticauda	BOD		0	0	1	0	0	0.2
Phelsuma serraticauda	LIV		0	0	0	100	0	20
Phelsuma standingi	BOD		1	0	0	0	5	1.2
Phelsuma standingi	LIV		0	0	8	50	0	12
Phelsuma v-nigra	LIV		0	3456	5749	650	0	1971
Phelsuma v-nigra pasteurii	LIV		0	0	0	50	0	10
Uromastyx spp.	LIV		4477	3856	6407	200	0	2988
Uromastyx acanthinura	BOD		0	3	0	0	0	1
Uromastyx acanthinura	LIV		300	220	1533	500	75	525.6
Uromastyx aegyptia	BOD		0	1	0	0	0	0.200
Uromastyx aegyptia	LIV		975	805	614	500	8	580.4
Uromastyx asmussi	LIV		0	0	0	3	0	1
Uromastyx benti	LIV		1500	500	1700	700	0	880
Uromastyx dispar	LIV		13578	15103	26755	26846	18800	20216
Uromastyx geyri	LIV		0	200	6000	4990	10627	4363.4
Uromastyx hardwickii	LIV		0	250	100	0	1	70
Uromastyx ocellata	LIV		1969	1990	1168	1485	375	1397.4
Uromastyx ornata	LIV		497	830	280	605	150	472
Chamaeleonidae spp.	BOD		0	0	0	0	50	10
Bradypodion spp.	LIV		75	0	39	74	0	38
Bradypodion adolfriderici	LIV		0	148	715	120	0	196.6
Bradypodion carpenteri	LIV		0	194	140	0	0	67
Bradypodion fischeri	BOD		0	0	9	0	0	1.8
Bradypodion fischeri	LIV		4246	3628	3160	4543	4101	3936
Bradypodion oxyrhinum	BOD		0	0	4	0	0	0.8
Bradypodion oxyrhinum	LIV		0	2	0	4	0	1
Bradypodion pumilum transvaalense	BOD		0	42	0	0	0	8.4
Bradypodion setaroi	BOD		0	0	3	0	0	1
Bradypodion spinosum	BOD		0	0	5	0	0	1
Bradypodion spinosum	LIV		0	0	5	16	0	4
Bradypodion tavetanum	BOD		0	0	0	6	0	1.2
Bradypodion tavetanum	LIV		2557	3558	2550	3535	2836	3007
Bradypodion tenue	LIV		0	2	0	0	0	0.4
Bradypodion thamnobates	LIV		0	0	5	0	0	1
Bradypodion uthmoelleri	BOD		0	0	0	4	0	0.8
Bradypodion uthmoelleri	LIV		0	0	30	0	0	6
Bradypodion xenorhinum	LIV		0	282	1161	225	93	352.2
Brookesia spp.	BOD		0	0	0	0	23	5
Brookesia ambreensis	LIV		0	0	0	0	7	1.4
Brookesia antakarana	BOD		0	0	0	0	3	1
Brookesia brygooi	LIV		0	0	0	0	15	3
Brookesia ebenauai	LIV		0	0	0	0	50	10
Brookesia lolontany	BOD		0	0	0	0	13	2.6
Brookesia minima	BOD		0	0	0	0	2	0.400
Brookesia nasus	BOD		0	0	0	0	3	0.6
Brookesia stumpffi	BOD		0	0	0	0	1	0.200
Brookesia stumpffi	LIV		0	0	0	0	120	24
Brookesia therezieni	BOD		0	0	0	0	2	0.400
Brookesia therezieni	LIV		0	0	0	0	25	5
Brookesia vadoni	LIV		0	0	0	0	45	9
Calumma spp.	BOD		0	0	11	12	75	19.6
Calumma spp.	LIV		0	0	4	0	0	1
Calumma boettgeri	BOD		3	4	13	0	0	4
Calumma boettgeri	LIV		0	0	3	0	0	1
Calumma brevicornis	BOD		0	2	2	14	29	9.4
Calumma brevicornis	LIV		0	0	3	50	0	11
Calumma cucullata	BOD		3	4	0	0	0	1.4
Calumma furcifer	BOD		0	0	1	0	0	0.200
Calumma furcifer	LIV		0	0	50	0	0	10

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Calumma gallus	BOD		3	0	1	0	3	1
Calumma gastrotaenia	BOD		3	0	6	3	53	13
Calumma gastrotaenia marojezensis	BOD		3	0	3	0	0	1
Calumma glawi	BOD		0	0	0	0	1	0.2
Calumma globifer	BOD		0	0	2	0	0	0.400
Calumma globifer	LIV		0	0	10	20	0	6
Calumma guibei	BOD		0	4	0	0	13	3
Calumma guillaumeti	BOD		3	0	3	0	0	1.2
Calumma hilleniusi	BOD		3	0	0	0	0	1
Calumma malthe	BOD		0	3	2	0	39	8.8
Calumma nasuta	BOD		3	5	9	20	22	12
Calumma nasuta	LIV		0	0	5	0	0	1
Calumma oshaughnessyi	BOD		0	0	0	6	3	2
Calumma oshaughnessyi	LIV		0	0	4	50	0	10.8
Calumma parsonii	BOD		1	0	0	0	9	2
Calumma parsonii	LIV		2	202	10	50	0	52.8
Calumma peyrierasi	LIV		3	0	0	0	0	1
Calumma tsaratananensis	BOD		0	0	0	0	18	3.6
Calumma vencesi	LIV		0	0	0	0	8	2
Chamaeleo spp.	BOD		0	18	37	8	0	12.6
Chamaeleo spp.	LIV		87	450	1128	268	97	406
Chamaeleo affinis	LIV		0	111	0	0	0	22.2
Chamaeleo africanus	BOD		0	0	0	14	21	7
Chamaeleo africanus	LIV		56	180	1150	392	0	355.6
Chamaeleo anchietae	LIV		0	50	0	0	30	16
Chamaeleo bitaeniatus	BOD		0	0	10	3	0	2.6
Chamaeleo bitaeniatus	LIV		1377	1291	2957	1590	1498	1743
Chamaeleo calcaricarens	LIV		1	15	0	0	0	3.2
Chamaeleo calypttratus	LIV		2749	1000	4040	1440	0	1846
Chamaeleo camerunensis	LIV		0	50	0	0	0	10
Chamaeleo chamaeleon	BOD		0	1	0	14	0	3
Chamaeleo chamaeleon	LIV		58	3	474	125	0	132
Chamaeleo cristatus	BOD		0	1	0	0	181	36
Chamaeleo cristatus	LIV		888	564	878	681	400	682.2
Chamaeleo deremensis	BOD		0	9	0	0	0	2
Chamaeleo deremensis	LIV		634	696	390	846	547	622.6
Chamaeleo dilepis	BOD		1	4	6	10	22	9
Chamaeleo dilepis	LIV		5688	11051	8665	10154	9684	9048.4
Chamaeleo eisentrauti	LIV		0	0	0	20	0	4
Chamaeleo ellioti	LIV		0	200	1964	1530	1000	938.8
Chamaeleo feae	LIV		0	250	416	0	106	154
Chamaeleo fueelleborni	BOD		0	4	4	0	0	1.6
Chamaeleo fueelleborni	LIV		1096	536	495	843	494	693
Chamaeleo goetzei	BOD		0	0	2	0	0	0.4
Chamaeleo goetzei	LIV		0	0	2	0	0	0.400
Chamaeleo gracilis	BOD		11	0	2	2	115	26
Chamaeleo gracilis	LIV		2238	2624	3353	2370	3042	2725
Chamaeleo hoehnelii	LIV		0	229	1464	730	751	634.8
Chamaeleo incornutus	BOD		0	0	3	0	0	1
Chamaeleo incornutus	LIV		0	0	0	2	0	0.4
Chamaeleo jacksonii	LIV		999	654	901	883	608	809
Chamaeleo jacksonii merumontana	LIV		9	76	145	247	283	152
Chamaeleo johnstoni	LIV		310	368	2456	945	1498	1115
Chamaeleo laevigatus	LIV		20	0	0	0	0	4
Chamaeleo melleri	BOD		0	1	1	3	0	1
Chamaeleo melleri	LIV		3114	3775	2592	4488	3593	3512.4
Chamaeleo montium	BOD		0	5	0	0	79	17
Chamaeleo montium	LIV		2462	1074	1359	1484	719	1419.6
Chamaeleo oweni	BOD		0	0	0	0	79	16
Chamaeleo oweni	LIV		276	155	80	30	40	116.2
Chamaeleo pfefferi	LIV		482	295	138	0	0	183
Chamaeleo quadricornis	BOD		0	0	0	0	17	3.4
Chamaeleo quadricornis	LIV		3163	1450	1068	703	317	1340
Chamaeleo quilensis	LIV		0	50	499	322	50	184.2
Chamaeleo rudis	BOD		0	0	0	4	0	1
Chamaeleo rudis	LIV		1825	1291	1303	1454	1712	1517
Chamaeleo senegalensis	BOD		40	1	0	9	38	18
Chamaeleo senegalensis	LIV		8157	5332	6787	11477	3855	7121.6

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Chamaeleo tempeli	BOD		0	2	2	0	0	1
Chamaeleo tempeli	LIV		0	2	2	10	0	2.8
Chamaeleo werneri	BOD		0	4	2	6	0	2
Chamaeleo werneri	LIV		546	660	451	650	536	568.6
Chamaeleo wiedersheimi	BOD		0	1	0	0	0	0.200
Chamaeleo wiedersheimi	LIV		1309	666	477	303	204	591.8
Chamaeleo zeylanicus	LIV		0	0	0	0	1	0.200
Furcifer spp.	BOD		6	0	1	0	59	13.2
Furcifer angeli	BOD		0	0	0	0	8	2
Furcifer antimena	LIV		0	0	6	20	0	5.2
Furcifer balteatus	BOD		0	0	0	0	1	0.200
Furcifer balteatus	LIV		0	0	1	20	0	4.2
Furcifer bifidus	BOD		0	2	0	0	0	0.400
Furcifer campani	BOD		3	0	2	0	1	1.2
Furcifer campani	LIV		8	0	0	20	0	6
Furcifer cephalolepis	LIV		0	2276	3514	2067	300	1631.4
Furcifer labordi	BOD		8	0	0	0	19	5
Furcifer labordi	LIV		0	0	0	20	0	4
Furcifer lateralis	BOD		6	0	2	1	28	7
Furcifer lateralis	LIV		4398	2323	2005	1887	1890	2500.6
Furcifer minor	BOD		0	0	1	0	0	0.200
Furcifer minor	LIV		0	0	10	0	0	2
Furcifer oustaleti	BOD		2	4	6	7	52	14
Furcifer oustaleti	LIV		721	1149	997	1716	1831	1282.8
Furcifer pardalis	BOD		3	10	8	0	8	6
Furcifer pardalis	LIV		6949	2985	3154	1856	1804	3349.6
Furcifer petteri	BOD		0	0	0	0	3	1
Furcifer petteri	LIV		0	0	0	100	0	20
Furcifer polleni	LIV		0	400	390	30	0	164
Furcifer rhinocerotus	BOD		0	0	3	0	0	0.6
Furcifer rhinocerotus	LIV		0	200	0	0	0	40
Furcifer verrucosus	BOD		13	0	0	0	4	3.4
Furcifer verrucosus	LIV		705	1071	912	1702	1831	1244
Furcifer willsii	BOD		1	1	0	0	2	0.8
Furcifer willsii	LIV		0	0	2	50	0	10
Amblyrhynchus cristatus	BOD		0	2	0	0	0	0.4
Conolophus subcristatus	BOD		0	1	0	0	0	0.200
Iguana spp.	BOD		0	0	0	0	18	3.6
Iguana spp.	LIV		0	0	0	0	1	0.200
Iguana spp.	MEA		3	0	4	16	4	5.4
Iguana spp.	MEA	kg	12	0	0	23	10	9
Iguana iguana	BOD		95	256	92	31	143	123.4
Iguana iguana	BOD	kg	0	1	0	0	0	0.200
Iguana iguana	LIV		49929	50686	62610	41949	32994	47633.6
Iguana iguana	MEA		0	33	7	2	0	8
Iguana iguana	MEA	kg	2	6	77.5	44	79.454	41.791
Iguana iguana	SKI		0	2	0	0	0	0.400
Iguana iguana	TRO		1	0	0	0	0	0.2
Phrynosoma coronatum	LIV		4	0	1	0	0	1
Podarcis lilfordi	LIV		0	10	0	0	0	2
Cordylus spp.	LIV		318	176	819	708	0	404
Cordylus cordylus	LIV		0	0	0	0	2	0.4
Cordylus giganteus	LIV		0	5	0	1	0	1
Cordylus mossambicus	LIV		0	0	0	1470	2194	732.8
Cordylus niger	LIV		0	0	0	0	3	1
Cordylus pustulatus	LIV		0	1173	0	0	0	234.6
Cordylus rhodesianus	LIV		1077	1270	2000	1520	2935	1760
Cordylus tropidosternum	LIV		7674	6660	4999	6589	6982	6580.8
Cordylus ukingensis	LIV		0	100	0	0	0	20
Cordylus vittifer	LIV		0	0	1000	1599	1401	800
Cordylus warreni	BOD		2	0	0	0	1	1
Cordylus warreni	LIV		1385	1435	1284	165	126	879
Cordylus warreni	TRO		0	2	0	0	1	1
Crocodylus amazonicus	BOD		1	0	0	0	0	0.2
Dracaena guianensis	LIV		73	0	0	0	0	15
Tupinambis spp.	LIV		0	165	253	5	91	102.8
Tupinambis spp.	SKI		105332	177121	30364	0	0	62563
Tupinambis spp.	SKP		800	500	0	0	0	260

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Tupinambis spp.	SKP	kg	300	0	0	0	0	60
Tupinambis merianae	LIV		0	305	270	651	961	437.4
Tupinambis merianae	SKI		0	122292	323005	185580	260779	178331
Tupinambis merianae	SKI	kg	0	0	0	1750	0	350
Tupinambis merianae	SKP		0	47252	186943	239684	231434	141063
Tupinambis merianae	SKP	kg	0	0	0.85	2500	0	500.17
Tupinambis merianae	SKP	(sk)	0	0	0	67734	76855	28918
Tupinambis rufescens	LIV		2191	628	1416	1236	662	1226.6
Tupinambis rufescens	SKI		68013	242924	144101	115991	108922	135990
Tupinambis rufescens	SKP		290940	136512	264310	241046	103978	207357.2
Tupinambis rufescens	SKP	kg	0	150	0	0	255	81
Tupinambis rufescens	SKP	(sk)	134852	0	0	82843	45684	52675.8
Tupinambis teguixin	BOD		1	0	0	0	0	0.200
Tupinambis teguixin	LIV		3194	3088	3276	2757	1791	2821.2
Tupinambis teguixin	SKI		118159	139638	129673	0	0	77494
Tupinambis teguixin	SKP		165424	45000	0	0	0	42084.8
Tupinambis teguixin	SKP	kg	201	0	0	0	0	40
Tupinambis teguixin	SKP	(sk)	106106	0	0	0	0	21221.1
Corucia zebrata	LIV		1498	1495	2598	0	917	1302
Heloderma horridum	BOD		4	0	0	0	0	0.8
Heloderma horridum	LIV		3	1	0	1	0	1
Heloderma horridum	SKI		0	0	0	4	0	0.8
Heloderma horridum alvarezii	BOD		0	0	8	0	0	2
Heloderma horridum alvarezii	LIV		0	8	0	0	4	2.4
Heloderma suspectum	BOD		0	1	0	0	0	0.200
Heloderma suspectum	LIV		2	0	0	0	0	0.4
Varanus spp.	BOD		0	0	3	0	1	1
Varanus spp.	BOD	kg	0	0.251	0	0	0	0.0502
Varanus spp.	LIV		10	54	29	166	0	52
Varanus spp.	SKI		1	0	0	13	0	2.8
Varanus spp.	SKP		1	29	6	0	4	8
Varanus spp.	TRO		0	0	0	1	0	0.2
Varanus albigularis	LIV		1227	1208	4505	2049	2182	2234
Varanus albigularis	SKI		0	1	0	5	1	1.4
Varanus albigularis	TRO		0	1	0	0	3	1
Varanus doreanus	BOD		0	1	0	0	0	0.2
Varanus doreanus	LIV		540	462	505	451	416	475
Varanus doreanus	SKI		0	0	0	0	1	0.2
Varanus dumerillii	LIV		759	889	848	438	354	658
Varanus exanthematicus	BOD		0	4	0	2	27	6.6
Varanus exanthematicus	LIV		19124	18202	21232	31267	30447	24054
Varanus exanthematicus	TRO		1	0	1	0	1	0.6
Varanus gouldii	BOD		0	0	0	1	0	0.200
Varanus indicus	LIV		575	751	714	323	1049	682.4
Varanus indicus	MEA	kg	0	0	0	5	0	1
Varanus indicus	SKI		0	1	5	1	11	3.6
Varanus indicus kalabeck	LIV		2	0	0	0	0	0.400
Varanus jobiensis	LIV		359	393	434	300	280	353.2
Varanus melinus	LIV		1	0	0	0	0	0.200
Varanus niloticus	BOD		1	5	0	3	16	5
Varanus niloticus	LIV		6193	4145	7358	8423	4471	6118
Varanus niloticus	SKI		170959	265389	239179	198387	151011	204985
Varanus niloticus	SKP		0	83	0	0	0	17
Varanus niloticus	TRO		2	4	1	0	1	1.6
Varanus ornatus	BOD		0	0	2	0	36	8
Varanus panoptes	LIV		109	0	0	88	0	39.4
Varanus prasinus	BOD		0	0	0	0	1	0.200
Varanus prasinus	LIV		0	21	41	0	3	13
Varanus prasinus beccarii	LIV		369	270	270	188	188	257
Varanus rosenbergi	LIV		0	3	0	0	0	0.6
Varanus rudicollis	LIV		767	883	853	834	837	835
Varanus salvadorii	LIV		262	212	244	194	168	216
Varanus salvator	BOD		10	0	1	0	0	2
Varanus salvator	LIV		22120	9926	13074	16893	19533	16309.2
Varanus salvator	LIV	kg	0	0	0	20800	0	4160
Varanus salvator	MEA	kg	700	10100	13140	21140	32057	15427.4
Varanus salvator	SKI		637562	624244	669360	553723	644813	625940
Varanus salvator	SKP		0	17	0	0	0	3.4

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Varanus salvator	SKP	m	0	0	0	0	3000	600
Varanus semiremex	LIV		0	0	0	32	0	6.4
Varanus similis	LIV		40	0	0	0	0	8
Varanus spenceri	LIV		0	0	0	1	0	0.2
Varanus timorensis	LIV		138	87	80	230	72	121
Varanus varius	BOD		0	0	2	0	0	0.4
Varanus varius	LIV		4	0	0	0	0	1
Varanus yemenensis	LIV		0	0	0	10	0	2
Loxocemus bicolor	BOD		1	0	0	0	0	0.200
Loxocemus bicolor	LIV		7	0	4	57	0	13.6
Apodora papuana	LIV		135	201	222	148	203	182
Leiopython albertisii	LIV		436	447	434	413	442	434.4
Liasis spp.	LIV		2	30	41	67	0	28
Liasis fuscus	LIV		151	228	215	184	161	187.8
Liasis mackloti	LIV		396	384	355	398	344	375
Liasis olivaceus	LIV		18	11	14	0	0	8.6
Morelia spp.	LIV		7	20	7	0	0	7
Morelia amethystina	LIV		418	439	442	380	405	416.8
Morelia boeleni	LIV		146	112	101	12	0	74
Morelia bredli	LIV		53	0	0	0	0	10.6
Morelia spilota	BOD		0	1	0	0	0	0.200
Morelia spilota	LIV		406	333	323	368	336	353.2
Morelia viridis	LIV		191	216	615	600	274	379
Python spp.	LIV		365	64	64	80	0	114.6
Python spp.	SKI		0	1	0	0	1	0.400
Python spp.	SKP		0	0	1	0	0	0.2
Python curtus	LIV		2975	3138	4632	5691	3771	4041
Python curtus	SKI		106865	208777	178320	199946	94611	157703.8
Python curtus	SKI	m	0	0	422	0	0	84
Python molurus	LIV		247	360	455	0	0	212.4
Python molurus	SKP		1	0	0	1	0	0.400
Python molurus bivittatus	LIV		4319	962	5670	5327	2125	3680.6
Python molurus bivittatus	SKI		0	200	20000	750	10000	6190
Python molurus bivittatus	SKI	m	0	8800	0	0	0	1760
Python regius	BOD		0	0	0	1	13	3
Python regius	LIV		76052	41796	72827	72583	17113	56074.2
Python regius	SKI		0	3	2000	20	0	405
Python regius	SKP	kg	0	0.03	0	0	0	0.006
Python regius	TRO		0	0	2	0	0	0.400
Python reticulatus	BOD		10	0	0	0	0	2
Python reticulatus	GAL	kg	10	50	40	0	0	20
Python reticulatus	LIV		3787	3826	4061	4536	3923	4026.6
Python reticulatus	MEA		1200	0	0	5000	0	1240
Python reticulatus	MEA	kg	30185	24490	19330	10617	20340	20992.4
Python reticulatus	SKI		325494	433010	345002	330035	224404	331589
Python reticulatus	SKI	m	0	2500	0	0	0	500
Python reticulatus	SKP		0	170	34	4600	115	984
Python reticulatus	SKP	kg	0	0.5	50	0	0	10.1
Python reticulatus	SKP	m	0	0	250	0	0	50
Python sebae	BOD		0	0	1	0	48	9.8
Python sebae	LIV		1913	748	730	362	109	772
Python sebae	SKI		10084	16988	7978	9188	1091	9065.8
Python sebae	SKI	kg	0	800	0	0	0	160
Python sebae	SKP		0	1044	7	0	0	210.2
Python sebae	TRO		8	6	2	2	6	5
Python timoriensis	LIV		11	0	0	0	0	2.2
Boidae spp.	GAB		1	0	0	0	0	0.200
Boidae spp.	LIV		0	0	0	0	5	1
Boidae spp.	SKI		1	0	0	0	0	0.200
Boa spp.	LIV		50	0	0	0	0	10
Boa constrictor	BOD		8	0	1	2	6	3
Boa constrictor	LIV		3369	1640	4043	4645	1683	3076
Boa constrictor	SKI		0	1	0	40	1	8
Calabaria reinhardtii	BOD		0	1	0	0	32	6.6
Calabaria reinhardtii	LIV		1473	1128	1385	908	825	1144
Candoia spp.	LIV		39	6	0	0	0	9
Candoia aspera	LIV		973	1000	1020	840	799	926
Candoia bibroni	LIV		25	60	110	295	550	208

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Candoia carinata	LIV		839	864	1012	1192	1011	984
Candoia carinata	SKI		0	0	0	0	3	0.6
Charina spp.	BOD		0	0	3	0	0	1
Corallus spp.	LIV		0	12	86	16	411	105
Corallus annulatus	LIV		2	0	0	0	1	1
Corallus caninus	LIV		1306	1284	1723	1331	1161	1361
Corallus cookii	LIV		0	0	25	0	0	5
Corallus hortulanus	BOD		1	0	0	0	0	0.2
Corallus hortulanus	LIV		2821	3220	3250	2920	2672	2977
Epicrates spp.	LIV		3	0	8	0	0	2.2
Epicrates spp.	OIL	l	0	0	0	0	0	0.040
Epicrates angulifer	BOD		0	0	0	1	0	0.2
Epicrates angulifer	LIV		0	9	1	0	0	2
Epicrates cenchria	BOD		2	0	0	0	0	0.4
Epicrates cenchria	LIV		521	432	421	469	542	477
Epicrates chrysogaster	LIV		1	0	0	0	0	0.2
Epicrates fordii	LIV		0	0	40	0	28	14
Epicrates gracilis	LIV		0	0	11	0	9	4
Epicrates maurus	LIV		193	36	142	69	33	95
Epicrates striatus	BOD		2	0	0	0	0	0.4
Epicrates striatus	LIV		0	0	46	0	23	14
Eryx spp.	LIV		17	0	0	108	0	25
Eryx jaculus	BOD		1	0	0	0	0	0.200
Eryx jakakari	LIV		43	70	190	0	0	60.6
Eryx johnii	LIV		0	0	20	0	1	4
Eryx miliaris	LIV		204	130	125	245	0	140.8
Eryx tataricus	LIV		50	59	50	40	150	70
Eunectes spp.	LIV		674	0	0	0	0	134.8
Eunectes murinus	LIV		802	650	697	952	763	773
Eunectes murinus	SKI		0	0	4	40	0	8.8
Eunectes notaeus	LIV		0	38	8	140	17	41
Eunectes notaeus	SKI		8669	3576	2773	2966	5954	4787.6
Gongylophis colubrinus	LIV		0	2	0	0	0	0.400
Gongylophis conicus	LIV		3	0	0	0	1	0.8
Gongylophis muelleri	BOD		0	0	0	0	6	1
Gongylophis muelleri	LIV		0	0	173	371	564	221.6
Lichanura trivirgata	LIV		101	8	0	0	1	22
Exiliboa placata	BOD		0	0	8	0	0	1.6
Tropidophis spp.	LIV		0	13	0	0	0	3
Tropidophis greenwayi	LIV		1	0	0	0	0	0.2
Tropidophis haetianus	LIV		0	0	15	0	17	6
Tropidophis melanurus	LIV		0	0	0	0	11	2.2
Cerberus rhynchops	SKI		0	1400	0	0	0	280
Clelia clelia	LIV		0	0	0	100	1	20.2
Cyclagras gigas	LIV		2	15	6	56	17	19
Ptyas mucosus	BOD		0	0	0	0	1	0.2
Ptyas mucosus	LIV		0	633	15000	10000	0	5127
Ptyas mucosus	LIV	kg	0	0	6000	0	0	1200
Ptyas mucosus	SKI		99058	5056	0	0	0	20823
Naja spp.	BOD		0	0	1	0	0	0.2
Naja spp.	LIV		8	0	2	0	0	2
Naja kaouthia	BOD		0	0	2	4	1	1.4
Naja kaouthia	LIV		5	20	0	0	0	5
Naja naja	BOD		400	201	151	251	1	200.8
Naja naja	BOD	kg	50	70	0	0	0	24
Naja naja	LIV		18994	14263	22644	8396	5194	13898.2
Naja naja	MEA	kg	106	70	210	70	0	91
Naja naja	SKI		3212	3970	2395	2726	2948	3050.2
Naja oxiana	LIV		1	0	0	0	0	0.200
Naja philippinensis	SKI		0	0	0	0	1	0.2
Naja sputatrix	BOD		375	800	0	0	200	275
Naja sputatrix	LIV		210	4748	922	4344	165	2077.8
Naja sputatrix	MEA	kg	600	0	0	0	0	120
Naja sputatrix	SKI		124474	125053	127832	124680	103574	121122.6
Naja sputatrix	SKP		0	0	0	0	754	151
Naja sumatrana	LIV		0	0	0	3	5	1.6
Naja sumatrana	SKI		0	3000	0	0	0	600
Ophiophagus hannah	LIV		222	103	119	179	144	153.4

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
AMPHIBIA								
Dendrobates spp.	BOD		12	0	0	0	0	2
Dendrobates spp.	LIV		0	15	0	0	0	3
Dendrobates auratus	BOD		14	0	0	0	0	3
Dendrobates auratus	LIV		1046	283	149	900	0	475.6
Dendrobates azureus	LIV		11	0	0	5	0	3
Dendrobates biolat	BOD		10	0	0	0	1	2.2
Dendrobates fantasticus	BOD		0	0	0	0	1	0.200
Dendrobates histrionicus	LIV		0	25	0	0	0	5
Dendrobates imitator	BOD		0	0	0	0	1	0.200
Dendrobates imitator	LIV		501	0	0	0	0	100.2
Dendrobates leucomelas	LIV		0	25	0	5	0	6
Dendrobates pumilio	LIV		850	225	289	0	0	272.8
Dendrobates reticulatus	LIV		761	176	0	0	0	187
Dendrobates tinctorius	BOD		0	27	0	0	0	5.4
Dendrobates tinctorius	LIV		1647	1563	1198	930	616	1191
Dendrobates ventrimaculatus	BOD		10	0	0	0	2	2.4
Dendrobates ventrimaculatus	LIV		0	0	0	5	0	1
Epipedobates spp.	BOD		8	0	0	0	3	2.2
Epipedobates spp.	LIV		146	0	0	0	0	29
Epipedobates azureiventris	BOD		0	0	0	0	1	0.2
Epipedobates bassleri	BOD		0	0	0	0	1	0.200
Epipedobates cainarachi	BOD		0	0	0	0	1	0.2
Epipedobates femoralis	BOD		10	0	0	0	0	2
Epipedobates femoralis	LIV		0	0	0	5	0	1
Epipedobates macero	BOD		11	0	0	0	1	2
Epipedobates petersi	BOD		0	0	0	0	2	0.4
Epipedobates pictus	BOD		12	0	0	0	0	2
Epipedobates pictus	LIV		1157	244	0	10	0	282.2
Epipedobates simulans	BOD		3	0	0	0	1	1
Epipedobates tricolor	LIV		0	25	10	0	0	7
Epipedobates trivittatus	BOD		45	0	0	0	2	9
Epipedobates trivittatus	LIV		2379	827	502	581	663	990.4
Phyllobates spp.	BOD		3	0	0	0	0	1
Phyllobates spp.	LIV		0	0	42	0	0	8.4
Phyllobates lugubris	LIV		0	0	4	0	0	1
Phyllobates vittatus	LIV		27	0	0	0	0	5.4
Scaphiophryne gottlebei	LIV		0	0	0	0	980	196
Hoplobatrachus tigerinus	BOD		0	0	0	0	3	0.6
Hoplobatrachus tigerinus	MEA		0	0	14967	0	0	2993
Hoplobatrachus tigerinus	MEA	kg	26010	24005	65000	184986	35879	67176
Mantella spp.	BOD		0	19	4	0	33	11
Mantella spp.	LIV		60	6760	9688	1420	1291	3843.8
Mantella aurantiaca	BOD		0	17	5	0	0	4
Mantella aurantiaca	LIV		8039	11505	10325	4780	2681	7466
Mantella baroni	BOD		0	0	3	0	20	5
Mantella baroni	LIV		0	0	12	10	650	134.4
Mantella bernhardi	BOD		0	0	0	0	10	2
Mantella bernhardi	LIV		30	440	1005	650	60	437
Mantella betsileo	BOD		0	17	8	14	19	12
Mantella betsileo	LIV		0	1332	3985	1215	1465	1599.4
Mantella cowani	LIV		0	425	975	1520	500	684
Mantella crocea	BOD		0	0	5	0	0	1
Mantella crocea	LIV		0	1157	1770	630	100	731
Mantella expectata	LIV		0	1280	1720	2385	1100	1297
Mantella haraldmeieri	LIV		0	240	310	380	350	256
Mantella laevigata	BOD		0	0	5	0	0	1
Mantella laevigata	LIV		0	2537	2795	1170	1581	1617
Mantella madagascariensis	BOD		0	0	4	0	5	1.8
Mantella madagascariensis	LIV		0	6265	8825	5570	4848	5102
Mantella milotympanum	BOD		0	0	0	0	2	0.4
Mantella milotympanum	LIV		0	0	0	1270	1780	610
Mantella nigricans	BOD		0	0	7	0	0	1.4
Mantella nigricans	LIV		0	0	5	0	0	1
Mantella pulchra	BOD		0	0	2	0	0	0.4
Mantella pulchra	LIV		0	3297	4450	2890	2560	2639
Mantella veronica	LIV		0	155	490	80	0	145
Mantella viridis	BOD		0	0	0	0	3	1

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Mantella viridis	LIV		0	1921	3845	2370	2040	2035.2
ACTINOPTERYGII / SARCOPTERYGII: FISH								
Neoceratodus forsteri	BOD		20	0	0	0	0	4
Neoceratodus forsteri	LIV		4	4	200	0	0	41.6
Acipenser spp.	BOD	kg	12	0	0	0	0	2
Acipenser spp.	EGG		1700	0	0	92	2	358.8
Acipenser spp.	EGG		0	1	0	0	0	0.200
Acipenser spp.	EGG	kg	5639.9	318.267	908.385	864.872	111.863	1568.658
Acipenser spp.	EXT	kg	0	0	0	0	210	42
Acipenser spp.	LIV	kg	41.656	0	0	0	0	8.3312
Acipenser baerii	EGG	kg	0	10	1	3	0	3
Acipenser baerii	EGL	kg	2	0	0	0	0	0.4
Acipenser baerii	LIV		0	50000	0	0	0	10000
Acipenser baerii	LIV	kg	100	0	0	0	0	20
Acipenser baerii	MEA	kg	0	0	0	5	0	1
Acipenser fulvescens	BOD		299	330	162	2	0	158.6
Acipenser fulvescens	BOD	kg	0	60622	0	0	0	12124
Acipenser fulvescens	EGG	kg	224.28	4.94	0	0	0	45.844
Acipenser fulvescens	EGL		0	20000	220000	20000	0	52000
Acipenser fulvescens	LIV		50000	0	20000	6700	0	15340
Acipenser fulvescens	MEA		271	2904	54	0	0	646
Acipenser fulvescens	MEA	kg	411620	19592	22373.7	42498	34515	106119.8
Acipenser fulvescens	MEA	SHP	3	0	0	0	0	1
Acipenser gueldenstaedtii	BOD		0	1	0	0	0	0.2
Acipenser gueldenstaedtii	BOD	kg	19	0	0	0	0	4
Acipenser gueldenstaedtii	EGG		0	0	74	1	0	15
Acipenser gueldenstaedtii	EGG	CAN	0	0	916	0	0	183
Acipenser gueldenstaedtii	EGG	kg	37104.9	31675.5	16793.6	11843.4	7694.64	21022.41
Acipenser gueldenstaedtii	EGL	kg	2	14	0	4	5	5
Acipenser gueldenstaedtii	MEA		0	0	0	3200	0	640
Acipenser gueldenstaedtii	MEA	kg	2954	66592	40	4150	29750	20697
Acipenser gueldenstaedtii	SKI		155	0	0	0	0	31
Acipenser gueldenstaedtii	SKI	m	46	0	0	0	0	9
Acipenser nudiventris	EGG		0	11199.2	0	0	0	2239.83
Acipenser nudiventris	EGG	kg	1486	1691	3434	596	0	1441
Acipenser nudiventris	MEA	kg	0	14000	0	0	0	2800
Acipenser oxyrinchus	BOD	kg	0	5443	272	0	0	1143
Acipenser oxyrinchus	EGG		4000	0	0	0	0	800
Acipenser oxyrinchus	EGG	kg	0	27	0	0	0	5
Acipenser oxyrinchus	LIV		0	0	1325	0	0	265
Acipenser oxyrinchus	MEA		8800	0	0	0	0	1760
Acipenser oxyrinchus	MEA	kg	15692.7	0	0	500	0	3238.53
Acipenser persicus	BOD		1	0	0	0	1	0.400
Acipenser persicus	BOD	kg	0	100	360.6	0	12000	2492.12
Acipenser persicus	EGG	kg	47051	34662	40001	27801	37395	37382
Acipenser persicus	EGL	kg	0	0	306	0	0	61.2
Acipenser persicus	MEA	kg	28268	15547	22446	938	17761	16992
Acipenser persicus	SKI		0	0	0	20	0	4
Acipenser persicus	SKI	m2	0	0	0	0	0	0.059
Acipenser ruthenus	EGG		0	55000	0	0	0	11000
Acipenser ruthenus	EGG	kg	0	15	0	0	0	3
Acipenser ruthenus	LIV		0	0	3500	0	0	700
Acipenser ruthenus	LIV	kg	100	0	0	310	0	82
Acipenser schrenckii	BOD		0	2	0	0	0	0.4
Acipenser schrenckii	EGG	kg	6273	4356	2620	1756	1126	3226
Acipenser schrenckii	MEA	kg	0	2084.8	0	0	0	416.96
Acipenser stellatus	BOD		2	1	0	0	1	1
Acipenser stellatus	BOD	kg	421.5	449.86	0	0	0	174.272
Acipenser stellatus	EGG		324	5000	0	4544	0	1974
Acipenser stellatus	EGG	CAN	0	0	947	0	0	189.4
Acipenser stellatus	EGG	kg	58444	47221	55924	25646	13853	40217
Acipenser stellatus	EGL	kg	2.5	0	179	3	5	37.9
Acipenser stellatus	MEA	kg	15963	122850	42925	40000	72429	58833
Acipenser stellatus	SKI		0	0	0	20	0	4
Acipenser stellatus	SKI	m2	0	0	0	0	0	0.019
Acipenser transmontanus	BOD	kg	0	0	0	0	454	90.8
Acipenser transmontanus	EGG		80000	20000	50000	0	0	30000
Acipenser transmontanus	EGG	kg	0	0	100	0	0	20

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Acipenser transmontanus	EGL		0	0	10000	0	0	2000
Acipenser transmontanus	LIV		0	0	2940	44000	10000	11388
Acipenser transmontanus	MEA	kg	1762	68	0	0	0	366
Huso dauricus	EGG		0	0	705	0	0	141
Huso dauricus	EGG	kg	7179	5477	5538	2433	1179	4361
Huso dauricus	MEA	kg	0	8000	0	0	0	1600
Huso huso	BOD		1	0	0	0	1	0.400
Huso huso	BOD	kg	3203	100	515	0	0	763.6
Huso huso	EGG		0	0	0	3	0	1
Huso huso	EGG	CAN	0	0	3562	0	0	712.4
Huso huso	EGG	kg	9879	18498	16160	9929	7162	12325
Huso huso	EGL	kg	0	0	15	5	5	5
Huso huso	MEA		15	37	0	0	0	10
Huso huso	MEA	kg	90662.7	46020.2	26371.5	21433.8	36610	44219.63
Huso huso	SKI		0	0	0	20	0	4
Huso huso	SKI	m2	0	1.068	0.465	0	0	0.307
Scaphirhynchus platyrhynchus	EGG		1	0	0	0	0	0.200
Scaphirhynchus platyrhynchus	EGG	kg	0	0	0	0	20	4
Polyodon spathula	EGG		0	326	0	0	0	65
Polyodon spathula	EGG	kg	0	3065.95	1946.82	2173.53	4834.79	2404.217
Polyodon spathula	MEA	kg	0	15	60	21	75	34
Arapaima gigas	BOD		0	1	0	0	0	0.2
Arapaima gigas	LIV		0	81	68	173	202	105
ARTHROPODA / ANNELIDA / MOLLUSCA / CNIDARIA: INVERTEBRATES								
Bhutanitis lidderdalii	BOD		0	141	0	220	0	72
Bhutanitis mansfieldi	BOD		0	141	0	380	0	104.2
Bhutanitis thaidina	BOD		0	141	0	370	0	102
Bhutanitis yulongensis	BOD		0	1	0	0	0	0.2
Ornithoptera spp.	BOD		1	40	70	0	0	22
Ornithoptera chimaera	BOD		20	16	0	4	4	8.8
Ornithoptera chimaera	COR		0	0	1	0	0	0.200
Ornithoptera croesus	BOD		195	20	0	0	0	43
Ornithoptera goliath	BOD		40	26	2	19	108	39
Ornithoptera goliath	LIV		0	2	0	0	0	0.4
Ornithoptera meridionalis	BOD		0	11	0	4	0	3
Ornithoptera paradisea	BOD		0	2	0	4	0	1.2
Ornithoptera paradisea	LIV		0	1	0	0	0	0.200
Ornithoptera priamus	BOD		291	496	76	610	16	297.8
Ornithoptera priamus	LIV		0	4	100	0	0	21
Ornithoptera priamus poseidon	BOD		1000	997	307	40	300	528.8
Ornithoptera priamus poseidon	LIV		0	100	0	100	0	40
Ornithoptera rothschildi	BOD		120	580	0	0	0	140
Ornithoptera tithonus	BOD		20	26	0	0	0	9
Ornithoptera urvillianus	BOD		0	0	100	120	100	64
Ornithoptera victoriae	BOD		12	18	2	46	4	16
Ornithoptera victoriae	LIV		0	2	34	0	0	7.2
Parnassius apollo	BOD		0	0	4	0	0	1
Parnassius apollo	LIV		5	0	0	0	0	1
Teinopalpus spp.	BOD		0	0	0	0	1	0.200
Teinopalpus imperialis	BOD		1	0	0	116	0	23.4
Trogonoptera spp.	BOD		0	0	1	0	3	1
Trogonoptera brookiana	BOD		2442	920	110	1425	1732	1325.8
Trogonoptera brookiana	LIV		0	210	14	0	0	45
Trogonoptera brookiana albescens	BOD		0	920	0	0	96	203.2
Troides spp.	BOD		0	1	1	0	0	0.400
Troides aeacus	BOD		0	50	1	109	61	44.2
Troides amphrysus	BOD		20	90	76	16	2	41
Troides amphrysus ruficollis	BOD		0	40	0	0	82	24.4
Troides andromache	BOD		1	0	44	0	0	9
Troides cuneifer	BOD		3	76	0	0	2	16.2
Troides cuneifer peninsulae	BOD		0	40	0	0	26	13
Troides helena	BOD		140	160	41	0	111	90.4
Troides helena	LIV		107	81	374	165	290	203
Troides helena cerberus	BOD		0	40	0	0	0	8
Troides hypolitus	BOD		60	0	0	0	0	12
Troides miranda	BOD		0	4	0	0	0	0.8
Troides oblongomaculatus	BOD		800	590	4	0	40	287
Troides oblongomaculatus	LIV		0	39	0	0	0	7.8

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Troides rhadamantus	LIV		0	0	0	61	200	52
Brachypelma spp.	BOD		71	0	2	1	0	14.8
Brachypelma spp.	LIV		0	119	391	156	0	133
Brachypelma albopilosum	LIV		6128	1562	664	2579	660	2318.6
Brachypelma auratum	BOD		0	0	8	0	0	2
Brachypelma boehmei	BOD		0	0	16	0	0	3.2
Brachypelma boehmei	LIV		0	0	8	0	0	2
Brachypelma klaasi	BOD		0	0	960	0	0	192
Brachypelma klaasi	LIV		0	0	290	0	0	58
Brachypelma smithi	BOD		0	0	14	0	0	2.8
Brachypelma smithi	LIV		0	0	4	0	0	1
Brachypelma vagans	BOD		39	100	6	0	0	29
Brachypelma vagans	EGG		0	0	150	0	0	30
Brachypelma vagans	LIV		0	402	0	1	0	80.6
Pandinus dictator	LIV		0	34	0	0	0	7
Pandinus gambiensis	LIV		10	0	0	0	0	2
Pandinus imperator	BOD		0	0	0	1	0	0.200
Pandinus imperator	LIV		71743	62130	98178	128310	98680	91808.2
Hirudo medicinalis	BOD		0	5600	0	0	0	1120
Hirudo medicinalis	BOD	kg	500	5675	4150	1550	4927	3360.4
Hirudo medicinalis	EGG	kg	0	0	0	0	150	30
Hirudo medicinalis	EXT	kg	0	0	0	0	0.289	0.0578
Hirudo medicinalis	LIV		200	150	500	0	8240	1818
Hirudo medicinalis	LIV	kg	1374	1655	1715.4	2775	1712.5	1846.38
Tridacnidae spp.	LIV		21987	39192	0	0	0	12236
Tridacnidae spp.	MEA		4728	3174	8099	8341	6029	6074.2
Tridacnidae spp.	MEA	kg	22	0	0	25	0	9
Tridacnidae spp.	SHE		294	54	216	304	421	257.8
Tridacnidae spp.	SHE	kg	0	2	0	0	0	0.400
Hippopus spp.	LIV		2	0	0	4	0	1.2
Hippopus spp.	SHE		2	8	1	23	0	7
Hippopus hippopus	BOD	kg	8	0	0	0	0	1.6
Hippopus hippopus	LIV		207	151	361	424	44	237
Hippopus hippopus	LIV	kg	0	0	20	0	0	4
Hippopus hippopus	SHE		828	982	1084	1025	400	864
Hippopus hippopus	SHE	kg	0	1000	0	0	0	200
Tridacna spp.	LIV		8935	133	3	47	1026	2029
Tridacna spp.	LIV	kg	0	0	13	0	0	2.6
Tridacna spp.	MEA	kg	25	6	5	0	0	7
Tridacna spp.	SHE		84	32	88	147	18	73.8
Tridacna spp.	SHE	kg	0	0	0	2	0	0.382
Tridacna crocea	LIV		47650	57186	66220	46704	34267	50405.4
Tridacna crocea	LIV	kg	0	266	0	100	0	73
Tridacna crocea	SHE		72	763	345	257	169	321.2
Tridacna crocea	SHE	kg	0	4	0	0	0	1
Tridacna derasa	LIV		10960	11083	7268	2456	1101	6573.6
Tridacna derasa	LIV	kg	0	75	89	0	24	38
Tridacna derasa	SHE		93	237	310	193	213.5	209.3
Tridacna derasa	SHE	kg	0	0	11000	0	0	2200
Tridacna gigas	LIV		484	96	9	165	36	158
Tridacna gigas	SHE		35	31	14	13	5	20
Tridacna gigas	SHE	kg	0	29000	0	0	0	5800
Tridacna maxima	LIV		23872	24463	22760	22983	12717	21359
Tridacna maxima	LIV	kg	264	286	516	100	100	253.2
Tridacna maxima	SHE		19961	2517	15692	4384	3603	9231
Tridacna maxima	SHE	kg	18565	22000	22500	0	0	12613
Tridacna squamosa	LIV		9540	26065	15851	18431	5742	15126
Tridacna squamosa	LIV	kg	0	181	261	0	0	88.4
Tridacna squamosa	SHE		259	302	284	325	275	289
Tridacna squamosa	SHE	kg	0	17004	10000	10000	0	7400.8
Cyprogenia aberti	SHE		0	0	0	0	4	1
Epioblasma torulosa rangiana	SHE		0	0	0	0	2	0.4
Pleurobema clava	SHE		0	0	0	0	2	0.400
Papustyla pulcherrima	SHE		0	0	0	4	19	4.6
Strombus spp.	SHE		0	26	0	0	0	5
Strombus gigas	BOD		2	0	9580	0	0	1916.4
Strombus gigas	LIV		40987	12	1	2272	0	8654
Strombus gigas	LIV	kg	51718	7497	0	6841	7591	14729.4

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Strombus gigas	MEA		0	0	0	0	20000	4000
Strombus gigas	MEA	CAS	0	0	400	808	0	241.6
Strombus gigas	MEA	kg	2601532	1754317	2814862	2466851	2275190	2382550
Strombus gigas	SHE		237954	283181	338641	224886	139528	244838
Strombus gigas	SHE	kg	17454	7973	5274	11483	43431	17123
Strombus gigas	SKI		0	0	0	0	500	100
Antipatharia spp.	COR	kg	1673	13	684	9453	8676	4100
Antipatharia spp.	LIV		184	10	1	0	150	69
Antipathes spp.	COR	kg	1	2	1	1	13	3
Antipathes spp.	LIV		0	20	0	0	0	4
Antipathes densa	COR	kg	26543	0	6	2	0	5310
Antipathes densa	LIV		0	0	0	5236	0	1047.2
Cirripathes spp.	COR	kg	0	0	0	0	6	1
Cirripathes anguina	COR	kg	181.68	0	29	0	4620.06	966.148
Cirripathes contorta	COR	kg	0	605	0	0	0	121
Stichopathes spp.	LIV		50	0	0	0	0	10
Stichopathes longispina	LIV		7	10	0	0	0	3
Tylopathes crista	LIV		0	0	0	20.61	0	4.122
Cladopathes spp.	COR	kg	0	0	0	1	0	0.116
Myriopathes japonica	COR	kg	1049.8	0	0	0	0	209.96
Bathypathes spp.	COR	FLA	0	0	0	2	0	0.400
Bathypathes spp.	COR	kg	0	0	0	1.16	0	0.232
Parantipathes spp.	COR	FLA	0	0	0	2	0	0.400
Parantipathes spp.	COR	kg	0	0	0	0.58	0	0.116
Schizopathes spp.	COR	FLA	0	0	0	1	0	0.200
Schizopathes spp.	COR	kg	0	0	0	1.16	0	0.232
Scleractinia spp.	BOD		0	137	0	0	0	27
Scleractinia spp.	COR	m3	6	0	0	0	0	1.2
Scleractinia spp.	COR	kg	1390561	1408314	1901114	2279076	2452045	1886222
Scleractinia spp.	COR	m	0	4.5	0	0	0	0.9
Scleractinia spp.	LIV		589510	427138	610897	115062	41774	356876
Scleractinia spp.	LIV	SHP	0	10	0	0	0	2
Actinastrea spp.	COR	kg	0	0	0	0	8	2
Stephanocoenia intersepta	LIV		0	2	0	1	2	1
Stylocoeniella spp.	LIV		0	0	0	28	0	6
Pocilloporidae spp.	COR	kg	0	2.32	0	1.16	0	0.696
Pocilloporidae spp.	LIV		0	0	1	0	0	0.200
Madracis spp.	COR	kg	0	6.96	0	0	2.9	1.972
Madracis decactis	LIV		0	0	0	10	1	2
Madracis decactis	SHE		0	20	0	0	0	4
Madracis mirabilis	COR	kg	0	1	3	3	0	1
Madracis mirabilis	LIV		0	1	40	73	1	23
Madracis myriaster	COR	kg	0	0	0	0	3	1
Palauastrea spp.	LIV		6	0	0	0	0	1.2
Pocillopora spp.	COR	kg	61371	15076	46284	7896	9326	27990
Pocillopora spp.	LIV		4860	6624.69	2820.55	3839	3926.03	4414.053
Pocillopora capitata	LIV		0	0	58	0	0	12
Pocillopora clavaria	LIV		0	0	21	0	0	4.2
Pocillopora damicornis	COR	kg	31957	29115	8002	1178	3485	14747
Pocillopora damicornis	LIV		3214	5019	5214	4443	7079	4993.8
Pocillopora damicornis	SHE		0	4	0	0	0	1
Pocillopora eydouxi	COR	kg	27718.9	38761	27237	5991.4	1460.46	20233.76
Pocillopora eydouxi	LIV		1870	101	318	132	35	491
Pocillopora ligulata	COR	kg	0	0	0.58	0	0	0.116
Pocillopora ligulata	LIV		1	0	0	0	0	0.200
Pocillopora meandrina	COR	kg	18630.6	12342	8800	4640	2.9	8883.1
Pocillopora meandrina	LIV		1948	0	0	0	0	390
Pocillopora verrucosa	COR	kg	37094.9	37241.5	53508.1	21281.4	5495.32	30924.24
Pocillopora verrucosa	LIV		2039	3037	3341	3436	5515	3474
Pocillopora verrucosa	SHE		0	47	0	0	0	9.4
Seriatorpora spp.	COR	kg	531	345	2136	176	7585	2155
Seriatorpora spp.	LIV		3386	3135.39	2785.82	2303.92	2780.25	2878.276
Seriatorpora caliendrum	LIV		0	414	0	0	0	83
Seriatorpora guttatus	LIV		0	0	0	50	0	10
Seriatorpora hystrix	COR	kg	663	900	1459	1222	393	928
Seriatorpora hystrix	LIV		789	1683	1334	915	3167	1577.6
Seriatorpora lineata	LIV		607	0	0	0	0	121
Stylophora spp.	COR	kg	5249.58	3173.76	1940.1	2096.96	5077.9	3507.66

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Stylophora spp.	LIV		4521	3697	2273	1742	2861	3019
Stylophora compressa	COR	kg	0	0	0	1	0	0.2
Stylophora compressa	LIV		0	713	0	0	0	143
Stylophora pistillata	COR	kg	2349	1139.7	558.46	154.86	6.96	841.796
Stylophora pistillata	LIV		698	1307	1654	1285	2267	1442
Acroporidae spp.	COR	kg	0	4.64	30.16	3.48	29	13.456
Acropora spp.	COR	kg	20070	18697	12171	28888	404271	96819
Acropora spp.	LIV		50784	50762.3	52693.5	77003.4	88295.3	63907.71
Acropora spp.	SHE		0	68	0	0	0	14
Acropora spp.	SHE	kg	0	14	0	0	0	2.8
Acropora aculeus	COR	kg	0	46	0	0	0	9
Acropora aculeus	LIV		0	40	80	80	0	40
Acropora aspera	LIV		0	0	0	0	10	2
Acropora brueggemanni	LIV		0	0	0	30	0	6
Acropora caroliniana	LIV		0	0	0	50	0	10
Acropora cerealis	LIV		0	0	0	138	0	27.6
Acropora cervicornis	COR	kg	3192	8584	3527	18	15	3067
Acropora cervicornis	LIV		3	16	90	113	1	44.6
Acropora cervicornis	SHE		0	20	0	0	0	4
Acropora clathrata	COR	kg	0	0	5	0	0	1
Acropora cuneata	COR	kg	0	46	0	0	0	9
Acropora cuneata	LIV		0	40	81	80	0	40.2
Acropora cytherea	COR	kg	4060	150	5	0	0	843
Acropora cytherea	LIV		0	0	1	1	0	0.4
Acropora dendrum	LIV		0	9	0	0	0	2
Acropora digitifera	COR	kg	42.34	71.34	706.78	30.74	26.68	175.576
Acropora digitifera	SHE		0	67	0	0	0	13
Acropora divaricata	LIV		0	0	0	30	0	6
Acropora echinata	COR	kg	1152	46	459	140	60	372
Acropora echinata	LIV		0	0	109	130	0	47.8
Acropora elseyi	LIV		0	0	0	50	0	10
Acropora florida	COR	kg	5753.72	8780.12	7215.66	1400.12	1739.92	4977.908
Acropora florida	LIV		350	0	600	0	333	257
Acropora formosa	COR	kg	6.38	566.66	35.96	0	104.98	142.796
Acropora formosa	LIV		8969	10686	11430	9411	10423	10184
Acropora gemmifera	COR	kg	0	3.48	0	0	0	0.696
Acropora gemmifera	LIV		0	0	600	60	1	132
Acropora granulosa	COR	kg	0	447.76	0.58	8.7	0	91.408
Acropora granulosa	LIV		0	0	0	50	1	10
Acropora horrida	COR	kg	0	46.4	0	0	0	9.28
Acropora horrida	LIV		0	0	148	116	48	62
Acropora humilis	COR	kg	2478.34	1479	1669	538.24	163.56	1265.628
Acropora humilis	LIV		7708	10657	10351	6955	9151	8964
Acropora hyacinthus	COR	kg	818.96	2052.04	238.74	95.12	223.88	685.748
Acropora hyacinthus	LIV		12880	14332	15367	12111	13567	13651
Acropora implicata	LIV		0	9	0	0	0	1.8
Acropora latistella	COR	kg	9016	16559	3357	1008	1394	6267
Acropora latistella	LIV		0	156	0	0	0	31.2
Acropora listeri	LIV		0	1	0	0	0	0.200
Acropora longicyathus	LIV		0	0	0	1	0	0.2
Acropora loripes	LIV		0	200	0	198	3	80
Acropora microclados	COR	kg	512.14	1405.92	1068.94	74.82	0	612.364
Acropora microclados	LIV		0	240	0	0	0	48
Acropora millepora	COR	kg	0	46.4	0	0	3.48	9.976
Acropora millepora	LIV		10	40	182	767	164	233
Acropora monticulosa	COR	kg	0	1.74	0	0	0	0.348
Acropora nasuta	COR	kg	3240	2000	942	1556	0	1547
Acropora nobilis	COR	kg	3480	1277	4000	1517.86	422.16	2139.404
Acropora nobilis	LIV		100	206	87	81	1	95
Acropora palifera	COR	kg	511.56	529.54	487.36	776.62	5.8	462.176
Acropora palifera	LIV		756	0	307	1	0	213
Acropora palmata	COR	kg	0.83	0.58	29.58	3.48	2.9	7.474
Acropora palmata	LIV		3	468	45	333	1	170
Acropora pharaonis	LIV		0	0	17	0	0	3.4
Acropora pocilloporina	LIV		0	0	0	50	0	10
Acropora prolifera	COR	kg	0	0	0	88.74	0	17.748
Acropora pulchra	COR	kg	0	10000	0	0	0	2000
Acropora pulchra	LIV		0	0	0	605	22	125.4

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Acropora pumila	LIV		16	0	0	0	0	3
Acropora robusta	COR	kg	0	46.4	0	0	0	9.28
Acropora robusta	LIV		0	40	114	85	15	51
Acropora samoensis	COR	kg	0	2.32	0	0	0	0.464
Acropora samoensis	LIV		0	0	0	192	39	46
Acropora secale	LIV		0	0	0	0	1	0.2
Acropora selago	LIV		0	80	5	0	0	17
Acropora subglabra	COR	kg	0	0	203.46	0	21.46	44.984
Acropora subulata	COR	kg	0	46	0	0	0	9
Acropora subulata	LIV		0	0	88	81	0	33.8
Acropora tenuis	COR	kg	1	0	0	0	0	0.116
Acropora tortuosa	COR	kg	0	46.4	0	0	0	9.28
Acropora tortuosa	LIV		0	10	101	83	0	39
Acropora valencennesii	COR	kg	0	46.4	11.02	0	0	11.484
Acropora valencennesii	LIV		0	0	80	106	0	37
Acropora valida	COR	kg	0	162.4	0	87	0	49.88
Acropora valida	LIV		200	40	107	370	76	159
Acropora vauhani	COR	kg	40.6	464.58	1645.46	854.34	0	600.996
Acropora vauhani	LIV		0	0	97	0	0	19
Anacropora spp.	LIV		0	0	10	0	0	2
Astreopora spp.	LIV		0	0	15	4	0	4
Montipora spp.	COR	kg	4015.34	211.7	47.34	174	182.7	926.216
Montipora spp.	LIV		7507	7134	8391	8304	11632	8593
Montipora acutata	COR	kg	0	0	0	0	37.12	7.424
Montipora aequituberculata	COR	kg	3915	5422	300	0	190	1965
Montipora aequituberculata	LIV		237.015	0	0	0	1	47.603
Montipora caliculata	LIV		0	75	0	0	0	15
Montipora capricornis	LIV		0	0	7	0	30	7.4
Montipora digitata	COR	kg	0	0	0	2	0	0.400
Montipora digitata	LIV		0	100	117	487	266	194
Montipora efflorescens	LIV		0	128	747	146	82	221
Montipora floweri	LIV		0	0	0	3	0	0.6
Montipora foliosa	COR	kg	2140	81	12	0	31	453
Montipora foliosa	LIV		1083	2218	2408	2260	2497	2093.2
Montipora foveolata	COR	kg	0	29	0	0	0	6
Montipora foveolata	LIV		60	0	40	40	82	44.4
Montipora monasteriata	LIV		20	0	0	0	0	4
Montipora tuberculosa	LIV		0	0	0	0	1	0.2
Montipora verrucosa	COR	kg	0	28	0	15	16	12
Montipora verrucosa	LIV		679	1731	1935	1776	1636	1551.4
Agariciidae spp.	COR	kg	0	1	7	1	1	2
Agaricia spp.	COR	kg	1.74	0.58	1.16	1.74	6.38	2.32
Agaricia spp.	LIV		10	4	5	0	281	60
Agaricia agaricites	COR	kg	2.9	0.58	12.76	24.94	5756.24	1159.484
Agaricia agaricites	LIV		209	26	130	160	4251	955
Agaricia fragilis	LIV		0	1	0	0	0	0.2
Agaricia grahamae	LIV		0	6	0	0	0	1
Agaricia humilis	LIV		0	2	3	1035	0	208
Agaricia lamarcki	COR	kg	0	0	0	13	0	3
Agaricia lamarcki	LIV		0	26	0	0	1	5.4
Agaricia tenuifolia	COR	kg	0	0	0	0	6	1
Agaricia tenuifolia	LIV		0	0	0	1	0	0.2
Agaricia undata	LIV		0	24	0	0	0	5
Helioseris cucullata	LIV		0	22	0	1	1	4.8
Leptoseris spp.	COR	kg	0	0	5	0	0	1
Leptoseris spp.	LIV		102	163	386	639	644	386.8
Leptoseris amitoriensis	LIV		0	10	0	0	0	2
Leptoseris foliosa	LIV		0	0	95	100	4	39.8
Leptoseris mycetoseroides	LIV		0	8	0	2	0	2
Pachyseris spp.	COR	kg	190.82	177.48	143.84	58.58	58	125.744
Pachyseris spp.	LIV		1870	1821	1115	1823	1942	1714
Pachyseris rugosa	COR	kg	17.98	97.44	105.24	0	0	44.132
Pachyseris rugosa	LIV		60	141	99	55	30	77
Pachyseris speciosa	LIV		0	0	4	1	0	1
Pavona spp.	COR	kg	199	519	730	241	67	351
Pavona spp.	LIV		2716	2154	3209.39	3211	3048	2867.678
Pavona cactus	COR	kg	160	249	495	0	14	183
Pavona cactus	LIV		857	219	69	160	0	261

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Pavona clavus	COR	kg	1	3	183	0	1	37
Pavona clavus	LIV		70	0	0	0	0	14
Pavona decussata	COR	kg	4	110	10	1	0	25
Pavona decussata	LIV		84	44	175	162	29	98.8
Pavona frondifera	COR	kg	0	3	0	0	0	1
Pavona gigantea	COR	kg	0	8.7	0	0	0	1.74
Pavona maldivensis	LIV		0	0	0	1	15	3
Pavona minuta	LIV		0	0	0	1	0	0.2
Pavona varians	LIV		0	4	124	2	0	26
Pavona venosa	LIV		0	0	0	1	0	0.2
Coscinastrea spp.	COR	kg	3	0	0	0	0	1
Coscinastrea columna	LIV		0	0	0	1	0	0.2
Psammocora profundacella	LIV		0	0	0	1	0	0.200
Psammocora superficialis	LIV		0	0	0	2	0	0.4
Siderastrea spp.	COR	kg	0	0	0	80	10	18
Siderastrea spp.	LIV		0	2	0	0	0	0.4
Siderastrea radians	COR	kg	0	0	4	0	0	1
Siderastrea radians	LIV		0	2	80	55	0	27.4
Siderastrea siderea	COR	kg	70	0	6	6	33	23
Siderastrea siderea	LIV		0	10	40	80	1	26.2
Fungiidae spp.	COR	kg	0	2	1	1	2	1
Fungiidae spp.	LIV		0	3	0	0	0	0.6
Cantharellus spp.	LIV		1	30	0	0	0	6
Ctenactis spp.	LIV		0	0	0	4	1	1
Ctenactis albitentaculata	LIV		0	0	0	1	0	0.200
Ctenactis echinata	COR	kg	0	23.2	0	0	0	4.64
Ctenactis echinata	LIV		0	0	40	40	0	16
Fungia spp.	COR	kg	207.06	47851.5	162568	101.5	89.9	42163.67
Fungia spp.	LIV		7916	8463	10080	8624	11409	9298
Fungia spp.	SHE		0	69	0	0	0	13.8
Fungia concinna	COR	kg	0	0	41	0	23	13
Fungia corona	COR	kg	0	0	0.58	0	0	0.116
Fungia danae	COR	kg	0	0	0	0	336	67
Fungia distorta	COR	kg	0	21000	0	0	0	4200
Fungia distorta	LIV		0	40	0	0	0	8
Fungia fungites	COR	kg	80.62	385.7	181.54	145.58	147.9	188.268
Fungia fungites	LIV		138	8346	9007	6301	9226	6604
Fungia horrida	COR	kg	0	23.2	0	0	0	4.64
Fungia horrida	LIV		50	0	60	40	20	34
Fungia moluccensis	COR	kg	0	249.4	0	0	99.18	69.716
Fungia moluccensis	LIV		0	6120	6992	5639	7444	5239
Fungia paumotensis	COR	kg	8.7	120.06	11.6	46.4	96.28	56.608
Fungia paumotensis	LIV		5893	6532	7065	6381	7396	6653
Fungia repanda	LIV		0	0	0	1	0	0.2
Fungia scruposa	LIV		0	0	6	40	0	9
Fungia scutaria	LIV		0	550	60	66	66	148.4
Halomitra pileus	LIV		0	0	0	1	0	0.200
Heliofungia spp.	COR	kg	1298.62	115.42	20.3	90.48	2.9	305.544
Heliofungia spp.	LIV		25415	17468	19248	14697	10075	17381
Heliofungia actiniformis	COR	kg	128.18	2282.88	55.1	99.18	530.12	619.092
Heliofungia actiniformis	LIV		52673	53404	58629	47649	48679	52207
Herpolitha spp.	COR	kg	0	0	4.06	17.4	1.16	4.524
Herpolitha spp.	LIV		62	46	349	284	177	184
Herpolitha limax	COR	kg	95.12	166.46	186.76	157.76	118.9	145
Herpolitha limax	LIV		1092	2197	2317	2078	1908	1918
Herpolitha weberi	LIV		0	1	0	0	0	0.2
Lithophyllon spp.	LIV		0	0	11	0	0	2
Polyphyllia spp.	COR	kg	10.44	162.98	116	87	4.64	76.212
Polyphyllia spp.	LIV		12056	3665	2668	2860	3413	4932
Polyphyllia novaehiberniae	LIV		0	30	0	1	0	6.2
Polyphyllia talpina	COR	kg	6	45	26	9	117	40
Polyphyllia talpina	LIV		8160	8858	9821	7927	9690	8891.2
Zoopilus spp.	LIV		72	0	0	0	0	14
Fungiacyathus spp.	LIV		0	0	2.2061	0	0	0.44122
Poritidae spp.	COR	kg	0	1	18	6	12	7
Alveopora spp.	COR	kg	0	0	0	58	0	11.6
Alveopora spp.	LIV		79	37	224	58	48	89
Alveopora catalai	LIV		0	25	45	50	30	30

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Alveopora spongiosa	COR	kg	0	0	0	0	3	1
Alveopora spongiosa	LIV		0	0	0	0	966	193.2
Alveopora verrilliana	LIV		0	0	0	30	0	6
Goniopora spp.	COR	kg	472.12	390.92	14003.7	220.98	92.8	3036.112
Goniopora spp.	LIV		47533	39649	43793	36053	22546	37915
Goniopora arbuscula	LIV		0	0	13	0	0	2.6
Goniopora columna	LIV		85	40	73	75	5	56
Goniopora djiboutiensis	LIV		160	0	35	75	0	54
Goniopora fruticosa	LIV		0	0	70	300	0	74
Goniopora lobata	COR	kg	74.24	1849.04	40.6	142.68	320.74	485.46
Goniopora lobata	LIV		40982	44876	45906	37354	42706	42365
Goniopora minor	COR	kg	56.26	2144.26	17.4	31.9	479.66	545.896
Goniopora minor	LIV		41618	43140	47890	38807	46338	43559
Goniopora palmensis	LIV		69	0	0	0	0	13.8
Goniopora stokesi	COR	kg	99	3254	0	290	481	825
Goniopora stokesi	LIV		40628	43742	47892	36639	46669	43114
Porites spp.	COR	kg	11809	3704	59	102	52	3145
Porites spp.	LIV		10988	9884.85	9663.14	7819	6307.06	8932.412
Porites astreoides	COR	kg	2	0	8	13	23	9
Porites astreoides	LIV		10	731	50	98	1	178
Porites attenuata	LIV		0	50	0	30	0	16
Porites branneri	LIV		0	0	0	0	1	0.2
Porites compressa	COR	kg	0	0	0	0	2	0.464
Porites cumulatus	LIV		0	0	10	0	0	2
Porites cylindrica	COR	kg	12	632	25	44	176	178
Porites cylindrica	LIV		12751	14865	16008	13148	28255	17005.4
Porites divaricata	COR	kg	0	0	6	6	9	4
Porites divaricata	LIV		0	0	40	80	0	24
Porites furcata	COR	kg	0	0	6	6	0	2
Porites furcata	LIV		0	0	40	80	0	24
Porites lichen	COR	kg	0	292	20	3	49	73
Porites lichen	LIV		6273	7320	7992	5274	5142	6400.2
Porites lobata	COR	kg	4	151	0	0	53	42
Porites lobata	LIV		1491	2680	3000	1480	2807	2291.6
Porites lutea	COR	kg	0	171	11	24	30	47
Porites lutea	LIV		752	1707	1988	1429	1566	1488.4
Porites negrosensis	LIV		0	0	0	30	30	12
Porites nigrescens	COR	kg	11.6	566.08	0	20.3	77.14	135.024
Porites nigrescens	LIV		7326	8547	9892	6828	8861	8291
Porites nodifera	LIV		0	0	10	0	0	2
Porites panamensis	COR	kg	0	0	0	60	0	12
Porites porites	COR	kg	13.34	0	6.96	9.28	20.3	9.976
Porites porites	LIV		3	26	50	83	1	33
Porites rus	LIV		0	170	0	0	0	34
Porites stephensoni	LIV		0	0	0	10	0	2
Porites vaughani	LIV		0	0	0	160	0	32
Faviidae spp.	COR	kg	0	45	111	124	137	83
Faviidae spp.	LIV		18	12	0	0	5	7
Australogyra spp.	COR	kg	0	58	0	58	0	23
Australogyra spp.	LIV		383	1918	565	139	184	637.8
Australogyra zelli	LIV		0	0	54	64	0	24
Caulastraea spp.	COR	kg	48.72	233.56	31.9	70.18	31.32	83.136
Caulastraea spp.	LIV		11843	8148	9325	8462	7155	8987
Caulastraea curvata	LIV		0	8	0	0	0	1.6
Caulastraea echinulata	COR	kg	10	311	38	32	149	108
Caulastraea echinulata	LIV		8167	8871	9634	7763	9375	8762
Caulastraea furcata	COR	kg	0	87	0	0	17	21
Caulastraea furcata	LIV		0	0	0	0	139	27.8
Caulastraea tumida	COR	kg	6	499	15	77	142	147
Caulastraea tumida	LIV		11353	12558	13997	11234	12175	12263.4
Colpophyllia spp.	COR	kg	0	1	0	0	0	0.116
Colpophyllia natans	COR	kg	12.18	0	0	0	0	2.436
Colpophyllia natans	LIV		3	12	0	3	1	4
Cyphastrea spp.	COR	kg	0	6.96	0	0	0	1.392
Cyphastrea spp.	LIV		0	0	17	6	19	8
Cyphastrea serailia	LIV		336	288	486	362	421	378.6
Diploastrea spp.	COR	kg	0	1	0	29	0	6
Diploastrea spp.	LIV		27	126	213	320	399	217

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Diploastrea heliopora	LIV		247	251	485	461	435	376
Diploria spp.	COR	kg	0.58	1.74	2.32	16.82	16.24	7.54
Diploria spp.	LIV		18	9	55	0	0	16
Diploria clivosa	LIV		0	0	40	60	0	20
Diploria labyrinthiformis	COR	kg	2	0	5	5	1	3
Diploria labyrinthiformis	LIV		6	13	40	80	1	28
Diploria strigosa	COR	kg	1	0	4	3	435	89
Diploria strigosa	LIV		4	3	40	70	1	23.6
Echinopora spp.	COR	kg	21	100	12	10	0	29
Echinopora spp.	LIV		3	2	0	1	7	2.6
Echinopora fruticulosa	COR	kg	0	0	2	0	0	0.348
Echinopora gemmacea	COR	kg	1500	0	0	0	0	300
Echinopora lamellosa	COR	kg	119	768	473	104	0	293
Echinopora lamellosa	LIV		0	0	1	1	436	87.6
Echinopora pacificus	COR	kg	0	0	28	0	2	6
Favia spp.	COR	kg	23.78	60.24	1.74	61	12.18	31.788
Favia spp.	LIV		5322	3151	4012	3516	3804	3961
Favia elongata	SKI		0	1	0	0	0	0.2
Favia fавus	LIV		0	20	85	68	19	38
Favia fragum	COR	kg	0	0	6.38	11.6	5.8	4.756
Favia fragum	LIV		0	3	40	90	10	29
Favia gravida	LIV		0	15	0	0	0	3
Favia matthaii	LIV		0	0	0	3	0	1
Favia pallida	COR	kg	1.16	194.3	29	16.24	77.72	63.684
Favia pallida	LIV		4216	5657	5910	4834	4698	5063
Favia speciosa	LIV		22	10000	17	0	0	2007.8
Favia stelligera	LIV		0	0	0	1	0	0.200
Favia veroni	LIV		0	0	10	50	0	12
Favites spp.	COR	kg	17	111	26	77	17	50
Favites spp.	LIV		7989	5404.48	5291.51	5426	7591.03	6340.404
Favites abdita	COR	kg	2	250	0	0	82	67
Favites abdita	LIV		5376	5179	5757	3460	5117	4977.8
Favites chinensis	COR	kg	0	0	0	0	67	13
Favites chinensis	LIV		0	0	0	0	7003	1400.6
Favites halicora	LIV		0	49	228	88	59	85
Favites russelli	LIV		0	0	10	120	0	26
Goniastrea spp.	COR	kg	20	131	0	1	4	31
Goniastrea spp.	LIV		1828	1153	2018.63	1094	1851	1588.927
Goniastrea aspera	LIV		0	0	30	0	0	6
Goniastrea edwardsi	LIV		0	0	0	0	26	5.2
Goniastrea favulus	COR	kg	0	0	1	0	0	0.116
Goniastrea palauensis	COR	kg	0	29	0	0	0	5.8
Goniastrea palauensis	LIV		50	0	0	20	50	24
Goniastrea pectinata	COR	kg	0	5.8	5.8	0	17.98	5.916
Goniastrea pectinata	LIV		300	393	482	393	1745	663
Goniastrea retiformis	COR	kg	0	5.8	0	0	12.18	3.596
Goniastrea retiformis	LIV		418	362	489	486	902	531
Leptastrea spp.	LIV		0	2	0	21	0	4.6
Leptastrea bottae	LIV		0	14	0	0	0	3
Leptastrea purpurea	LIV		0	10000	0	0	0	2000
Leptastrea transversa	LIV		0	0	0	2	0	0.400
Leptoria spp.	COR	kg	22.62	23.78	59.74	0	1.16	21.46
Leptoria spp.	LIV		0	43	0	475	659	235
Leptoria phrygia	COR	kg	54.52	9252	300	23.2	1080	2141.944
Manicina spp.	COR	kg	0	0	0	0	3	1
Manicina areolata	COR	kg	0	0	5.22	4.64	2.9	2.552
Manicina areolata	LIV		40	11	40	80	1	34
Montastraea spp.	COR	kg	1.16	59.74	11.6	7.54	447.18	105.444
Montastraea spp.	LIV		2724	2156	1477	1459	1128	1789
Montastraea annularis	COR	kg	13.01	3.48	6.38	13.34	8.7	8.982
Montastraea annularis	LIV		103	125	159	92	48	105
Montastraea annuligera	COR	kg	17.98	30.74	26.1	20.88	5.8	20.3
Montastraea annuligera	LIV		2368	2610	2840	2680	2767	2653
Montastraea cavernosa	COR	kg	11.6	0	6.96	5.8	2.9	5.452
Montastraea cavernosa	LIV		29	536	40	83	2	138
Montastraea curta	COR	kg	0.58	0	0	0	0	0.116
Montastraea curta	LIV		0	30	0	1	0	6
Montastraea faveolata	COR	kg	11.6	0	0	0	0	2.32

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Montastraea faveolata	LIV		328	30	50	3	0	82
Montastraea franksi	COR	kg	11.6	0	0	0	0	2.32
Montastraea franksi	LIV		0	18	0	0	0	4
Montastraea magnistellata	COR	kg	0	2.32	0	0	0	0.464
Montastraea magnistellata	LIV		0	0	0	1	0	0.200
Montastraea valenciennesii	COR	kg	0	106.14	8.7	10.44	58.58	36.772
Montastraea valenciennesii	LIV		2861	3047	3859	3173	3542	3296
Oulophyllia spp.	LIV		2	0	0	1	0	0.6
Platygyra spp.	COR	kg	19	270	61	70	32	90
Platygyra spp.	LIV		2904	2983.33	3031.57	4366	5005.06	3657.992
Platygyra crosslandi	LIV		0	382	0	0	0	76
Platygyra daedalea	LIV		50	75	157	32	50	72.8
Platygyra pini	LIV		0	35	189	100	40	73
Platygyra sinensis	LIV		0	55	0	120	0	35
Plesiastrea spp.	LIV		20	0	0	0	0	4
Plesiastrea versipora	COR	kg	0	0.58	0	0	0	0.116
Trachyphyllia spp.	COR	kg	276	489	62	71	0	180
Trachyphyllia spp.	LIV		44105	32355	37288.5	25682	20833	32052.71
Trachyphyllia geoffroyi	COR	kg	183	4179	9	28	481	976
Trachyphyllia geoffroyi	LIV		81287	80391	81125	36956	62270	68405.8
Astrangia solitaria	LIV		0	1	0	0	0	0.200
Cladangia exusta	LIV		0	0	125	0	0	25
Phyllangia spp.	LIV		25	0	0	0	0	5
Dendrogyra spp.	COR	kg	0	0.58	0	0	0	0.116
Dendrogyra cylindrus	COR	kg	1	0	0	0	0	0.232
Dendrogyra cylindrus	LIV		3	6	0	1	2	2.4
Dichocoenia spp.	COR	kg	0	0	0	30	6	7
Dichocoenia stokesii	COR	kg	1.74	0	3.48	5.8	5.8	3.364
Dichocoenia stokesii	LIV		3	3	40	80	1	25
Meandrina spp.	COR	kg	0.58	0	0	0	2.9	0.696
Meandrina spp.	LIV		0	5	0	0	0	1
Meandrina maeandrites	COR	kg	1.16	0	4.64	5.8	2.9	2.9
Meandrina maeandrites	LIV		8	5	40	83	2	28
Meandrina maeandrites	SHE		0	2	0	0	0	0.4
Acrhelia spp.	COR	kg	0	58	0	0	0	12
Acrhelia spp.	LIV		1	0	0	0	0	0.2
Acrhelia horrescens	LIV		50	0	0	27	0	15
Amphelia spp.	LIV		0	1500	0	0	0	300
Archohelia spp.	LIV		0	0	7	127	0	27
Bathelia spp.	LIV		0	68	0	0	0	13.6
Galaxea spp.	COR	kg	56	108	55	58	64	68
Galaxea spp.	LIV		8967	8466.71	7198.98	6168	4832.06	7126.55
Galaxea alta	LIV		0	0	0	0	8	2
Galaxea astreata	COR	kg	0	282.46	12.76	0	100.34	79.112
Galaxea astreata	LIV		5660	5096	5688	5359	4530	5267
Galaxea fascicularis	COR	kg	11.02	754	14.5	34.22	138.04	190.356
Galaxea fascicularis	LIV		15082	16646	18353	13164	17339	16117
Madrepora spp.	COR	kg	5.22	17.4	0	0	0	4.524
Madrepora spp.	LIV		9	16	285	0	0	62
Madrepora oculata	COR	kg	0	0	4	0	0	0.8
Oculina diffusa	LIV		0	2	0	0	0	0.400
Oculina varicosa	LIV		0	2	0	0	0	0.4
Sclerhelia spp.	COR	kg	0	0	0	0	75	15
Sclerhelia spp.	LIV		0	0	152	0	0	30.4
Hydnophora spp.	COR	kg	95	438	55	58	1	129
Hydnophora spp.	LIV		7641	7262.53	7038.63	4535	4186	6132.633
Hydnophora exesa	COR	kg	0	806	9	23	97	187
Hydnophora exesa	LIV		9378	10591	11611	8653	10719	10190.4
Hydnophora grandis	LIV		0	0	98	40	0	28
Hydnophora microconos	COR	kg	2.9	342.2	0	7.54	34.22	77.372
Hydnophora microconos	LIV		3195	4280	4979	1445	4681	3716
Hydnophora rigida	COR	kg	64.38	639.74	5.8	26.1	87	164.604
Hydnophora rigida	LIV		3991	4342	4824	3776	4674	4321
Merulina spp.	COR	kg	588.12	1296.88	888.56	245.34	0	603.78
Merulina spp.	LIV		1913	1056	1253	1138	1154	1303
Merulina ampliata	COR	kg	288.84	1436.08	1561.12	29.58	54.52	674.028
Merulina ampliata	LIV		1946	3884	4492	2911	4655	3578
Merulina scabricula	COR	kg	0	0	0	0	5.8	1.16

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Merulina scabricula	LIV		0	0	10	26	48	17
Scapophyllia spp.	COR	kg	230.84	0	0	0	0	46.168
Scapophyllia spp.	LIV		0	0	7	0	0	1
Mussidae spp.	COR	kg	0	0	0	0	1.16	0.232
Acanthastrea spp.	LIV		0	0	0	0	21	4
Acanthastrea echinata	COR	kg	0	0	0	0	12.76	2.552
Acanthastrea echinata	LIV		0	0	0	1	993	199
Acanthophyllia spp.	LIV		0	10	0	0	0	2
Blastomussa spp.	COR	kg	43	58	6	3	6	23
Blastomussa spp.	LIV		2758	1719	2997.63	1848	1277	2119.925
Blastomussa merleti	COR	kg	0	347	2	0	0	70
Blastomussa merleti	LIV		6775	238	5	0	5	1404.6
Blastomussa wellsii	COR	kg	0	358	12	8	59	87
Blastomussa wellsii	LIV		50	7169	5780	2466	3744	3841.8
Cynarina spp.	COR	kg	52	58	9	58	4	36
Cynarina spp.	LIV		4263	2770	3410.56	2751	2012	3041.313
Cynarina lacrymalis	COR	kg	52	1674	0	8	107	368
Cynarina lacrymalis	LIV		8192	8761	9918	4454	8910	8047
Isophyllastrea rigida	COR	kg	1	0	0	0	0	0.232
Isophyllastrea rigida	LIV		3	1	0	1	2	1.4
Lobophyllia spp.	COR	kg	196	239	115	91	166	161
Lobophyllia spp.	LIV		16992	13471.8	13684.8	15904.7	14696	14949.84
Lobophyllia spp.	SHE		0	2	0	0	0	0.400
Lobophyllia corymbosa	COR	kg	22.62	187.34	23.2	37.12	142.68	82.592
Lobophyllia corymbosa	LIV		11190	12044	13560	11684	12614	12218
Lobophyllia costata	COR	kg	0	2.9	0	0	0	0.58
Lobophyllia costata	LIV		0	0	0	1	0	0.200
Lobophyllia hataii	LIV		0	0	0	20	0	4
Lobophyllia hemprichii	COR	kg	49	780	26	116	150	224
Lobophyllia hemprichii	LIV		13620	15350	16473	12640	12786	14173.8
Lobophyllia robusta	LIV		15	10	0	6	0	6
Mussa spp.	COR	kg	0.58	0	0	0	0	0.116
Mussa angulosa	LIV		0	1	0	1	2	1
Mycetophyllia spp.	COR	kg	2.32	0	0	0	2.9	1.044
Mycetophyllia spp.	LIV		6	6	0	10	0	4
Mycetophyllia daniana	LIV		0	1	0	1	2	0.8
Mycetophyllia ferox	LIV		0	10	0	0	2	2
Mycetophyllia lamarckiana	COR	kg	2.32	0	3.48	2.9	2.9	2.32
Mycetophyllia lamarckiana	LIV		3	1	40	70	2	23
Scolymia spp.	COR	kg	17.98	399.62	506.92	58	122.38	220.98
Scolymia spp.	LIV		3819	6147	1612	1562	2539	3136
Scolymia australis	LIV		0	0	0	35	0	7
Scolymia cubensis	LIV		0	1	0	3	7	2
Scolymia lacera	LIV		65	20	0	0	0	17
Scolymia vitiensis	COR	kg	9	96	9	0	57	34
Scolymia vitiensis	LIV		3349	3322	3801	2404	4462	3467.6
Scolymia wellsii	LIV		0	2	0	0	0	0.400
Symphyllia spp.	COR	kg	2.9	35.38	6.96	58	81.2	36.888
Symphyllia spp.	LIV		1135	1176	1193	1012	1311	1165
Symphyllia agaricia	COR	kg	0	74.82	5.8	11.02	25.52	23.432
Symphyllia agaricia	LIV		1235	1328	1477	1172	1361	1315
Symphyllia radians	LIV		0	0	54	73	0	25.4
Symphyllia recta	LIV		0	0	26	60	0	17
Symphyllia valenciennesii	LIV		0	0	10	50	0	12
Mycedium spp.	COR	kg	0	186	0	58	0	49
Mycedium spp.	LIV		1193	559	883.061	685	840	832.0122
Mycedium elephantotus	LIV		0	0	41	90	72	41
Oxypora spp.	COR	kg	2.32	23.2	0.58	58	58	28.42
Oxypora spp.	LIV		247	242	180	176	433	256
Oxypora glabra	LIV		0	0	0	40	0	8
Oxypora lacera	LIV		0	9	80	100	0	38
Pectinia spp.	COR	kg	17.98	73.08	0	87	2.9	36.192
Pectinia spp.	LIV		2346	1412	1554	1533	1762	1721
Pectinia alcornis	COR	kg	0	17.4	0	0	0	3.48
Pectinia alcornis	LIV		0	33	30	30	0	19
Pectinia elongata	LIV		0	0	0	0	13	2.6
Pectinia lactuca	COR	kg	0	30	13	25	32	20
Pectinia lactuca	LIV		805	898	984	796	2306	1157.8

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Pectinia paeonia	COR	kg	0	87	0	0	0	17
Pectinia paeonia	LIV		15	0	25	82	1	24.6
Australocyathus spp.	LIV		4	9	0	0	0	3
Caryophyllia antarctica	LIV		0	0	0	7	0	1.4
Caryophyllia ephyala	LIV		0	0	20	0	0	4
Caryophyllia lamellifera	COR	kg	0	0	0	0.58	0	0.116
Catalaphyllia spp.	COR	kg	21	154	19	144	0	68
Catalaphyllia spp.	LIV		35572	24120	26525.4	17087	8796.15	22420.12
Catalaphyllia jardinei	COR	kg	7	3006	9	35	273	666
Catalaphyllia jardinei	LIV		60145	55981	54056	23408	28097	44337.4
Catalaphyllia plicata	COR	kg	0	17	0	0	0	3
Catalaphyllia plicata	LIV		0	15	77	40	0	26.4
Cladocora arbuscula	LIV		0	2	0	0	1	1
Cladocora caespitosa	COR	kg	0	0	0.58	0	0	0.116
Colangia spp.	LIV		0	1	0	0	0	0.200
Colangia immersa	LIV		0	1	0	0	0	0.2
Crispatotrochus spp.	LIV		0	0	0	0	0	0.041
Desmophyllum spp.	LIV		0	50	0	0	0	10
Euphyllia spp.	COR	kg	334	7666	150	250	304	1741
Euphyllia spp.	LIV		70834	68739.6	72299.4	56534	34667.2	60614.86
Euphyllia ancora	COR	kg	6966	28605	17500	1395	1301	11154
Euphyllia ancora	LIV		180	35883	38248	24562	27339	25242.4
Euphyllia cristata	COR	kg	0	1351	58	92	190	338
Euphyllia cristata	LIV		0	52792	52570	31620	29854	33367.2
Euphyllia divisa	COR	kg	95	984	0	0	0	216
Euphyllia divisa	LIV		66759	2642	49	40	0	13898
Euphyllia glabrescens	COR	kg	164	2759	9	3	194	626
Euphyllia glabrescens	LIV		49459	32607	38945	13949	27919	32575.8
Euphyllia paraancora	LIV		0	0	0	3	0	1
Euphyllia paradivisa	LIV		0	13	824	600	160	319.4
Euphyllia picteti	LIV		30	0	0	0	0	6
Eusmilia spp.	COR	kg	0	0	0	0	6.96	1.392
Eusmilia fastigiata	COR	kg	1	0	6	6	7	4
Eusmilia fastigiata	LIV		3	5	40	80	0	25.6
Goniocorella spp.	LIV		0	0	0	0	25	5
Heterocyathus alternatus	LIV		0	99	19	0	0	23.6
Kionotrochus spp.	LIV		0	0	2	0	0	0.400
Lophelia pertusa	COR	kg	0	0	6.2	0	0	1.24
Lophelia pertusa	LIV		1	0	0	0	0	0.282
Paracyathus conceptus	LIV		0	56	0	0	0	11.2
Peponocyathus spp.	LIV		0	0	0	0	50	10
Physogyra spp.	COR	kg	38.86	29.58	29.58	69.6	0	33.524
Physogyra spp.	LIV		6749	3850	5506	3908	2140	4431
Physogyra lichtensteini	COR	kg	19.72	374.68	25.52	18.56	257.52	139.2
Physogyra lichtensteini	LIV		9961	8796	9926	8354	10350	9477
Platycyathus spp.	LIV		0	0	0	20	0	4
Platyrochus spp.	LIV		0	0	0	20	0	4
Plerogyra spp.	COR	kg	229.68	273.76	116	292.32	52.78	192.908
Plerogyra spp.	LIV		25512	17661	25861	24988	17655	22335
Plerogyra eurysepta	LIV		0	14	0	0	0	2.8
Plerogyra simplex	COR	kg	148	608	0	0	0	151
Plerogyra simplex	LIV		31557	451	30	30	0	6413.6
Plerogyra sinuosa	COR	kg	0	1333	9	19	219	316
Plerogyra sinuosa	LIV		95	30765	35404	23603	29210	23815.4
Plerogyra turbida	COR	kg	0	71	0	23	123	44
Plerogyra turbida	LIV		0	16051	14865	11246	14862	11404.8
Polycyathus spp.	LIV		0	34	0	5	0	8
Polycyathus verrilli	LIV		50	20	156	177	0	80.6
Pseudocyathoceras spp.	LIV		0	0	23	0	0	5
Tethocyathus minor	LIV		0	50	0	0	0	10
Trematotrochus corbicula	LIV		334	0	109	0	0	89
Trochocyathus spp.	LIV		0	0	0	0	412	82.4
Trochocyathus cepulla	LIV		0	0	26	20	94	28
Flabellum vauhani	LIV		0	784.976	0	0	0	156.995
Polymyces spp.	LIV		5	0	9	0	0	3
Truncatoflabellum crassum	LIV		0	0	263	0	0	52.6
Truncatoflabellum multispinosum	LIV		0	0	0	6	0	1
Truncatoflabellum paripavoninum	LIV		3187	0	0	513	0	740

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
Schizocyathus spp.	LIV		0	0	110	0	0	22
Dendrophyllidae spp.	COR	kg	0	0.58	2.32	0	0.58	0.696
Balanophyllia spp.	LIV		0	1	0	0	0	0.200
Balanophyllia chnous	LIV		0	20	0	0	0	4
Balanophyllia elegans	LIV		0	0	100	0	650	150
Dendrophyllia spp.	COR	kg	34.8	16.82	0.58	34.8	61.48	29.696
Dendrophyllia spp.	LIV		4456	5082	761	728	1673	2540
Dendrophyllia dilatata	LIV		0	0	0	0	15	3
Dendrophyllia florulenta	LIV		0	0	40	28	25	19
Duncanopsammia spp.	LIV		0	5	0	0	0	1
Eguchipsammia fistula	COR	kg	9	1148	35	96	261	310
Eguchipsammia fistula	LIV		17382	22317	20862	19264	19249	19814.8
Leptopsammia spp.	LIV		0	4	0	0	0	1
Trochopsammia spp.	LIV		0	20	0	0	0	4
Tubastraea spp.	COR	kg	142	284	103	693	322	309
Tubastraea spp.	LIV		7416	2377.62	4576.06	6748.36	7211.06	5665.82
Tubastraea coccinea	COR	kg	0	0	0	0	43	9
Tubastraea coccinea	LIV		15	8	0	0	6554	1315.4
Tubastraea faulkneri	LIV		50	3	95	247	100	99
Tubastraea micranthus	COR	kg	2.32	0	236.06	69.6	0	61.596
Tubastraea micranthus	LIV		0	0	60	60	44	33
Tubastraea tagusensis	LIV		0	0	0	0	26	5.2
Turbinaria spp.	COR	kg	268	650	406	177	458	392
Turbinaria spp.	LIV		15705	13746.4	15535.5	15925	12077.3	14597.84
Turbinaria conspicua	LIV		0	0	0	165	0	33
Turbinaria frondens	COR	kg	27.84	208.8	409.48	0	1.16	129.456
Turbinaria frondens	LIV		0	0	165	40	8	43
Turbinaria mesenterina	COR	kg	31.9	460.52	15.08	44.08	215.76	153.468
Turbinaria mesenterina	LIV		15954	16782	18940	14553	17206	16687
Turbinaria patula	LIV		0	0	10	0	0	2
Turbinaria peltata	COR	kg	39	646	12	34	189	184
Turbinaria peltata	LIV		14449	14963	16976	12734	15433	14911
Turbinaria reniformis	COR	kg	6	0	19	7	0	6
Turbinaria reniformis	LIV		4	210.305	181	236	443.061	214.873
Turbinaria sinensis	LIV		10	0	0	0	0	2
Turbinaria speciosa	LIV		20	0	0	0	0	4
Milleporidae spp.	COR	kg	0	2	0	0	3	1
Millepora spp.	COR	kg	538.24	419.92	147.08	37.7	181.54	264.896
Millepora spp.	LIV		1472	965	525	742	1078	956
Millepora alvicornis	COR	kg	0.58	0	0	0	0	0.116
Millepora alvicornis	LIV		3	85	0	1	1	18
Millepora complanata	LIV		0	1	0	1	0	0.4
Millepora dichotoma	LIV		0	10	134	0	0	29
Millepora exaesa	COR	kg	273.18	200.68	304.5	0	0	155.672
Millepora exaesa	LIV		0	50	0	0	0	10
Millepora murrayi	LIV		2	0	0	0	0	0.4
Millepora tenera	COR	kg	95	335	799	161	0	278
Millepora tenera	LIV		60	80	0	25	100	53
Stylasteridae spp.	COR	kg	507	1	87	16	55	133
Stylasteridae spp.	LIV		0	0	50	0	0	10
Congregopora nasiformis	LIV		0	0	0	50	0	10
Distichopora spp.	COR	kg	0	211.12	6.96	0	0	43.616
Distichopora spp.	LIV		1981	309	292	144	27	551
Distichopora violacea	COR	kg	1.74	0	0	0	0	0.348
Distichopora violacea	LIV		2	0	0	0	0	0.400
Distichopora yucatanensis	LIV		6	0	0	0	0	1.2
Lepidotheca inconsuta	LIV		0	0	162	0	0	32
Stylaster spp.	COR	kg	18.56	284.2	12.18	39.44	8.7	72.616
Stylaster spp.	LIV		1454	1057	686	424	368	798
Stylaster alaskanus	LIV		80	0	0	0	0	16
Stylaster californicus	LIV		75	12	12	0	0	20
Stylaster crassior	LIV		0	30	5	0	0	7
Stylaster roseus	LIV		0	1	0	1	0	0.400
Coenothecalia spp.	COR	kg	0.58	0	0	0	0	0.116
Coenothecalia spp.	LIV		0	131	0	0	0	26
Heliopora spp.	COR	kg	9727.76	3831.48	10147.7	5011.78	5790.14	6901.768
Heliopora spp.	LIV		1084	1026	995	719	777	920
Heliopora coerulea	COR	kg	38241.5	49352.6	42086	870	30.16	26116.05

Taxon	Term	Unit	1999	2000	2001	2002	2003	5 year average
<i>Heliopora coerulea</i>	LIV		1147	1142	1412	1428	931	1212
<i>Heliopora coerulea</i>	SHE		0	10	0	0	0	2
Tubiporidae spp.	COR	kg	0	0	2	0	5	1
Tubiporidae spp.	LIV		5	0	0	0	0	1
<i>Tubipora</i> spp.	COR	kg	371	375	1724	517	598	717
<i>Tubipora</i> spp.	LIV		9078	5651.12	6519.04	5974	5713.03	6587.038
<i>Tubipora</i> spp.	SHE		0	6	0	0	0	1
<i>Tubipora musica</i>	COR	kg	1567.16	257.52	2560.7	30.84	622.34	1007.712
<i>Tubipora musica</i>	LIV		9230	8488	8452	8265	7490	8385