

## BRISTOL ZOO GARDENS ANNUAL INVENTORY 2008

Cells shaded in grey indicate that the species is monitored through a quarterly group census. In these cases, due to the nature of recording in the Animal Records Keeping System, the difference between the year beginning and end counts may not be fully explained by the number of births, deaths, acquisitions and dispositions, although these are all recorded elsewhere in our records system

Scientific name	Common name	Management	Start 2008	Births	Acquisitions	Deaths	Dispositions	End 2008
<b>Invertebrates</b>								
<i>Cassiopea xamachana</i>	Upside-down Jellyfish		61			61		0
<i>Clavularia</i>	Green Star Coral		1			1		0
<i>Gorgonia</i>	Venus Sea Fan		2	5				7
<i>Sarcophyton</i>	Leathery Soft Coral		13	4				17
<i>Sarcophyton trocheliophorum</i>	Leathery Soft Coral		1					1
<i>Sinularia</i>	Leathery Soft Coral		2					2
<i>Capnella</i>	Tree Coral		6			6		0
<i>Litophyton</i>	Nephthea		7	8				15
<i>Anthelia</i>	Soft Coral		4			1		3
<i>Xenia</i>	Yellow Star Coral		24			9		15
<i>Xenia elongata</i>	Yellow Star Coral		2	14				16
<i>Actinia equina</i>	Scarlet Anemone		20			15		5
<i>Actinia sulcata</i>	Snakelocks Anemone		50			3		47
<i>Entacmaea quadricolor</i>	Bladdertipped Anemone		28					57
<i>Urticina felina</i>	Northern Red Anemone		10			5		5
<i>Discosoma</i>	Umbrella False Coral		55					104
<i>Plerogyra</i>	Bubble Coral		1					1
<i>Turbinaria</i>	Cup Coral		2			1		1
<i>Favia</i>	Star Coral		1					1
<i>Galaxea</i>	Ivory Coral		2			1		1
<i>Pavona</i>	Cactus Coral		1			1		0
<i>Zoanthidae</i>	Anemone		5	8				13
<i>Zoanthus</i>	Mat Anemone		5			1		4
<i>Turbo castanea</i>	Turban Snail		108					93
<i>Partula affinis</i>	Partula Snail	EEP	61			35		26
<i>Partula dentifera</i>	Partula Snail	EEP	309		53			362
<i>Partula suturalis strigosa</i>	Partula Snail	EEP	133			24		109
<i>Partula taeniata simulans</i>	Partula Snail	EEP	8					8
<i>Partula tohiveana</i>	Partula Snail	EEP	100			43		57
<i>Partula tristis</i>	Partula Snail	EEP	0		30	6		24
<i>Achatina fulica</i>	Giant African Snail		64					64
<i>Archachatina marginata</i>	Snail		6	6				12
<i>Hirudinaria manillensis</i>	Buffalo Leech		1			1		0
<i>Hirudo medicinalis</i>	Medicinal Leech		33			10		23
<i>Hirudo verbana</i>	European Medicinal Leech		52			12		40
<i>Carcinoscorpius rotundicauda</i>	Horseshoe Crab		0		4	1		3
<i>Limulus polyphemus</i>	Horseshoe Crab		0		4	4		0
<i>Centruroides gracilis</i>	Slender Brown Scorpion		0		1	1		0
<i>Euscorpius flavicaudis</i>	Scorpion		1					1
<i>Hadrurus arizonensis</i>	Desert Hairy Scorpion		5			2		3
<i>Chiromachus ochropus</i>	Fregate Scorpion		2			1		1
<i>Heterometrus longimanus</i>	Asian Forest Scorpion		1					1
<i>Pandinus imperator</i>	Common Emperor Scorpion		7			4		3
<i>Mastigoproctus giganteus</i>	Vinegaroon		2			2		0
<i>Brachypelma boehmei</i>	Mexican Fireleg Tarantula		1			1		0
<i>Brachypelma smithi</i>	Red-kneed Tarantula		2					2
<i>Grammostola rosea</i>	Chilean Rose Tarantula		7		1			8
<i>Lasiadora parahybana</i>	Brazilian Salmon Tarantula		4					4
<i>Poecilotheria regalis</i>	Indian Ornamental Tarantula		1					1
<i>Latrodectus geometricus</i>	Brown Widow Spider		1					1
<i>Latrodectus hesperus</i>	Southwestern Widow Spider		16			14		2
<i>Nephila madagascariensis</i>	Golden Silk Spider		101			101		0
<i>Heteropoda venatoria</i>	Huntsman Spider		1					1
<i>Olios</i>	Huntsman Spider		0		1			1
<i>Triops cancriformis</i>	Tadpole Shrimp		4	1				5
<i>Caridina japonica</i>	Japanese Algae-eating Shrimp		0		1			1
<i>Palaemon</i>	Florida Glass Shrimp		6					6
<i>Lysmata amboinensis</i>	Hawaiian Cleaner Shrimp		4			4		0
<i>Lysmata wurdemanni</i>	Redlined Cleaner Shrimp		45					4
<i>Lysmata californica</i>	Peppermint Shrimp		0		10	10		0
<i>Lysmata seticaudata</i>	Peppermint Shrimp		2		3			5
<i>Enoplometopus</i>	Scarlet Reef Lobster		1				1	0
<i>Homarus gammarus</i>	European Lobster		1					1
<i>Pacifastacus leniusculus</i>	Crayfish		15					15
<i>Dardanus</i>	Bar-eyed Hermit Crab		0		6			6
<i>Paguristes cadenti</i>	Red Reef Hermit Crab		5		5			10
<i>Coenobita clypeatus</i>	Land Hermit Crab		8			6		2
<i>Pagurus bernhardus</i>	Bernhard's Hermit Crab		1			1		0
<i>Galathea strigosa</i>	Squat Lobster		1			1		0
<i>Liocarcinus puber</i>	Velvet Swimming Crab		10			10		0
<i>Gromphadorhina oblongonata</i>	Hissing Cockroach		360					365

<i>Blaberus giganteus</i>	Caribbean Giant Cockroach		85					110
<i>Phyllocrania paradoxa</i>	African Deadleaf Mantis		32			1		31
<i>Hierodula membranacea</i>	Sri Lanka Mantis		1			1		0
<i>Sphodromantis</i>	Mantis		1			1		0
<i>Sphodromantis viridis</i>	Bush Mantis		162					3
<i>Gryllotalpa gryllotalpa</i>	Cricket		20					0
<i>Gryllus bimaculatus</i>	Black Field Cricket		200					200
<i>Romalea microptera</i>	Florida Lubber		16					100
<i>Schistocerca gregaria</i>	Desert Locust		200					250
<i>Tropidacris collaris</i>	Violet-winged Grasshopper		5					265
<i>Phyllium</i>	Javan Leaf Insect		0			2		2
<i>Phyllium giganteum</i>	Giant Leaf Insect		19					2
<i>Extatosoma tiaratum</i>	Giant Prickly Walkingstick		95					125
<i>Diapherodes gigantea</i>	Walkingstick		3				3	0
<i>Eurycantha calcarata</i>	Giant Stick Insect		35	1				36
<i>Heteropteryx dilatata</i>	Giant Thorny Walkingstick		6					57
<i>Pharnacia jianfenglingensis</i>	Malaysian Stick Insect		78					45
<i>Platymeris biguttata</i>	Two-spotted Assassin Bug		60					100
<i>Dynastes hercules hercules</i>	Hercules Beetle	ESB	1	36		84		121
<i>Eudicella gralli</i>	Flamboyant Flower Beetle		136					21
<i>Pachnoda marginata</i>	Congo Chafer		20					250
<i>Blaps</i>	Egyptian Beetle		0			1		1
<i>Eleodes armata</i>	Pinnacate Beetle		1				1	0
<i>Polposipus herculeanus</i>	Fregate Island Giant Beetle	EEP	220				69	151
<i>Zophobus morio</i>	Giant Mealworm		250					262
<i>Graphium angolanus</i>	Jay Swallowtail		0			1	1	0
<i>Papilio ambrax</i>	Swallowtail		0			10	10	0
<i>Papilio constantinus</i>	Swallowtail		0			10	10	0
<i>Papilio cresphontes</i>	Orange-dog Swallowtail		0			30	20	10
<i>Papilio dardanus</i>	Mocker Swallowtail		0			10		10
<i>Papilio demodocus</i>	Esper Citrus Swallowtail		0			10		10
<i>Papilio demoleus</i>	Checkered Lime Swallowtail		0			10		10
<i>Papilio demolion</i>	Banded Swallowtail		0			10	10	0
<i>Papilio lowi</i>	Great Yellow Mormon Swallowtail		0			10	10	0
<i>Papilio memnon</i>	Great Mormon Swallowtail		0			10	10	0
	Narrow Blue-banded Swallowtail		0					
<i>Papilio nireus</i>	Swallowtail		0			10	10	0
<i>Papilio polytes</i>	Common Mormon Swallowtail		0			10	10	0
<i>Papilio polyxenes</i>	Black Swallowtail		0			30	30	0
<i>Papilio thoas</i>	Giant Swallowtail		0			10	10	0
<i>Papilio peranthus</i>	Swallowtail		0			10	10	0
<i>Parides iphidamus</i>	Pink Cattleheart Butterfly		0			30	30	0
<i>Anteos clorinde</i>	Giant Clouded Sulpher		0			30	20	10
<i>Appias lasti</i>	Albatross Butterfly		0			1	1	0
<i>Mylothris agathina</i>	Butterfly		0			20	20	0
<i>Greta oto</i>	Costa Rica Clearwing Butterfly		0			200		200
<i>Amauris niavius</i>	Friar Butterfly		0			2	2	0
<i>Danaus chrysippus</i>	Lesser Wanderer Butterfly		0			10		10
<i>Danaus gilippus</i>	Queen Butterfly		0			10		10
<i>Tirumala petiverana</i>	African Blue Tiger		0			1	1	0
<i>Caligo eurilochus</i>	Owl Butterfly		0			10	10	0
<i>Caligo memnon</i>	Giant Owl Butterfly		0			60	40	20
<i>Morpho peleides</i>	Morpho Butterfly		0			60	40	20
<i>Dryas iulia</i>	Julia Butterfly		0			30		30
<i>Heliconius charitonius</i>	Zebrawing Butterfly		0			90	50	40
<i>Heliconius melpomene</i>	Postman Butterfly		0			90	50	40
<i>Charaxes brutus</i>	Whitebarred Butterfly		0			10	10	0
<i>Charaxes candiope</i>	Butterfly		0			20	10	10
<i>Charaxes cithaeron</i>	Bluespotted Butterfly		0			10	10	0
<i>Charaxes protoclea</i>	Flamebordered Butterfly		0			10	10	0
<i>Doleschallia bisaltide</i>	Autumn Leaf Butterfly		0			10	10	0
<i>Euphaedra neophron</i>	Goldbanded Forester Butterfly		0			10		10
<i>Euxanthe wakefieldi</i>	Forest Queen Butterfly		0			10		10
<i>Hamadryas amphinome</i>	King Cracker		0			10	10	0
<i>Hamadryas februa</i>	Haitian Cracker		0			30	30	0
<i>Hamadryas feronia</i>	Cracker		0			15	15	0
<i>Hypolimnias anthedon</i>	Egg Fly Butterfly		0			18	8	10
<i>Hypolimnias bolina</i>	Great Egg Fly Butterfly		0			10	10	0
<i>Hypolimnias misippus</i>	The Mimic		0			20	20	0
<i>Hypolimnias usambara</i>	Egg Fly Butterfly		0			20	10	10
<i>Junonia</i>	Buckeye		0			10	10	0
<i>Junonia hierta</i>	Yellow Pansy Butterfly		0			10		10
<i>Junonia natalica</i>	Buckeye		0			10	10	0
<i>Kallima paralekta</i>	Indian Leaf Butterfly		0			10	10	0
<i>Myscelia cyaniris</i>	Royal Blue Butterfly		0			30	30	0
<i>Neptis hylas</i>	Common Sailor Butterfly		0			10	10	0
<i>Parthenos sylvia</i>	Butterfly		0			10	10	0
<i>Phalanta phalantha</i>	Common Leopard Butterfly		0			10		10
	Clouded Mother-of-pearl Butterfly		0					
<i>Salamis anacardii</i>	Butterfly		0			20	10	10
<i>Siproeta epaphus</i>	Redwinged Black Butterfly		0			25	25	0
<i>Siproeta stelenes</i>	Malachite Butterfly		0			10		10

<i>Actias selene</i>	Indian Moon Moth	0	20	20	0
<i>Antheraea pernyi</i>	Chinese Silk Moth	0	20	20	0
<i>Attacus atlas</i>	Atlas Moth	0	30		30
<i>Rothschildia lebeau</i>	Moth	0	30		30
<i>Samia cynthia</i>	Cynthia Moth	0	13	13	0
<i>Atta cephalotes</i>	Leafcutter Ant	2			2
<i>Crematogaster nigriceps</i>	Acacia Ant	9		8	1
<i>Formica rufa</i>	European Red Wood Ant	2		1	1
<i>Apis mellifera</i>	Honeybee	1			1
<i>Scolopendra angulata</i>	Trinidad Centipede	3			3
<i>Epibolus pulchripes</i>	Mombassan Train Millipede	0	10		10
<i>Spirostreptidae</i>	Millipede	1		1	0
<i>Archispirostreptus gigas</i>	Giant African Millipede	1	2		3
<i>Ophistreptus guineensis</i>	Giant Chocolate Millipede	2		2	0
<i>Sechelleptus seychellarum</i>	Seychelles Giant Millipede	40			2
<i>Protoreaster lincki</i>	Red Spiked Sea Star	2			2
<i>Acanthaster planci</i>	Crown-of-thorns Sea Star	0	4		4
<i>Asterias rubens</i>	Red Sea Star	15		15	0
<i>Marthasterias glacialis</i>	Spiny Starfish	4			4
<i>Ophiomyxidae</i>	Brittlestar	1			1
<i>Diadema</i>	Longspined Black Sea Urchin	3		3	0
<i>Diadema setosum</i>	Pacific Longspined Black Sea Urchin	6		2	4
<i>Lytechinus variegatus</i>	Green Pincushion Urchin	2		2	0
<b>Pisces</b>					
<i>Scyliorhinus canicula</i>	Smallspotted Cat Shark	8		7	1
	Orangespot Freshwater				
<i>Potamotrygon motoro</i>	Stingray	9		3	6
<i>Polypterus ornatipinnis</i>	Ornate Bichir	2			2
<i>Acipenser ruthenus</i>	Sterlet	2			2
<i>Polyodon spathula</i>	Mississippi Paddlefish	3			3
<i>Lepisosteus oculatus</i>	Spotted Gar	6		1	5
<i>Lepisosteus osseus</i>	Longnose Gar	1	1		2
<i>Lepisosteus spatula</i>	Alligator Gar	1			1
<i>Osteoglossum bicirrhosum</i>	Silver Arawana	5			5
<i>Scleropages formosus</i>	Asian Bonytongue	4	15		19
<i>Chitala ornata</i>	Ornate Featherback	3		1	2
<i>Balantiocheilus melanopterus</i>	Tricolor Sharkminnow	5		2	3
<i>Barbodes schwanenfeldii</i>	Barb	11		2	9
<i>Barbus barb</i>	Barb	1			1
<i>Barbus callipterus</i>	Clipper Barb	26		3	23
<i>Cyprinus carpio</i>	Common Carp	45			45
<i>Epalzeorhynchus</i>	Sharkminnow	1		1	0
<i>Hypsibarbus</i>	Barb	1			1
<i>Leptobarbus hoevenii</i>	Hoeven's Carp	3			3
<i>Probarbus jullieni</i>	Isok Barb	1			1
<i>Puntius titteya</i>	Cherry Barb	0	1		1
<i>Rasbora trilineata</i>	Threelined Scissortail Rasbora	2			2
<i>Chromobotia macracanthus</i>	Clown Loach	9	2		11
<i>Pangio kuhlii</i>	Coolie Loach	0			0
<i>Schistura</i>	Hillstream Loach	0			0
<i>Nannaethiops unitaeniatus</i>	Online Tetra	5		5	0
<i>Alestes longipinnis</i>	Longfin Tetra	3		1	2
<i>Arnoldichthys spilopterus</i>	Redeye Tetra	3		2	1
<i>Bryconaethiops boulengeri</i>	Boulenger's Featherfin Tetra	1		1	0
<i>Phenacogrammus interruptus</i>	Congo Tetra	2		2	0
<i>Anostomus anostomus</i>	Striped Headstander	1		1	0
<i>Leporinus fasciatus</i>	Striped Leporinus	1	1		2
<i>Hoplias malabaricus</i>	South American Wolfish	1			1
<i>Copella arnoldi</i>	Splash Tetra	0			82
<i>Gymnocorymbus ternetzi</i>	Black Tetra	10		10	0
<i>Hypheosobrycon megalopterus</i>	Black Phantom Tetra	10		9	1
<i>Hypheosobrycon pulchripinnis</i>	Lemon Tetra	1		1	0
<i>Nematobrycon palmeri</i>	Emperor Tetra	12		12	0
<i>Paracheirodon axelrodi</i>	Cardinal Tetra	139			0
<i>Colossoma macropomum</i>	Tambaqui	9			9
<i>Metynnis argenteus</i>	Silver Dollar	12		2	10
<i>Pygocentrus nattereri</i>	Red Piranha	5		1	4
<i>Auchenoglanis occidentalis</i>	Catfish	2			2
<i>Pareutropius buffei</i>	Glass Catfish	8		4	4
<i>Schilbe mystus</i>	African Smoky Catfish	2		1	1
<i>Pangasius hypophthalmus</i>	Catfish	1			1
<i>Channalabes apus</i>	Eel Catfish	4		1	3
<i>Clarias batrachus</i>	Walking Catfish	1			1
<i>Heteropneustes fossilis</i>	Asian Stinging Catfish	1		1	0
<i>Arius seemani</i>	Shadow Sea Catfish	4		1	3
<i>Synodontis haugi</i>	Black Catfish	1			1
<i>Synodontis nigriventris</i>	Spotted Catfish	3			3
<i>Oxydoras niger</i>	Ripsaw Catfish	2	2		4
<i>Platydoras costatus</i>	Chocolate Catfish	1			1
<i>Calophysus macropterus</i>	Spotted Catfish/zamurito	1		1	0
<i>Perrunichthys perruno</i>	Chocolate Catfish	3			3

<i>Phractocephalus hemiliopterus</i>	Redtail Catfish		2				2
<i>Pimelodella laticeps</i>	Flathead Catfish		2				2
<i>Sorubim lima</i>	Shovelnose Catfish		2			1	1
<i>Corydoras aeneus</i>	Bronze Catfish		1			1	0
<i>Corydoras gosseii</i>	Gosseii Catfish		1			1	0
<i>Corydoras melanistius</i>	Blacksail Catfish		1			1	0
<i>Corydoras trilineatus</i>	Threelined Catfish		3			3	0
<i>Ancistrus</i>	Bristlenose Catfish		1			3	4
<i>Hypostomus plecostomus</i>	Plecostomus		8			3	11
<i>Hypostomus punctatus</i>	Spotted Hypostomus		6				6
<i>Parotocinclus</i>	Catfish		0				0
<i>Pterygoplichthys gibbiceps</i>	Spotted Sailfin Suckermouth Catfish		5			2	3
<i>Pterygoplichthys multiradiatus</i>	Manyray Sailfin Suckermouth Catfish		2				2
<i>Melanotaenia</i>	Rainbowfish		179				50
<i>Melanotaenia boesemani</i>	Boesemann's Rainbowfish		142				0
<i>Melanotaenia lacustris</i>	Lake Kutubu Rainbowfish		83				0
<i>Melanotaenia parva</i>	Lake Kuromai Rainbowfish		32				10
<i>Melanotaenia praecox</i>	Neon Dwarf Rainbowfish		5				5
<i>Ameca splendens</i>	Butterfly Splitfin	ASP/MON	311		150	206	255
<i>Ataeniobius toweri</i>	Bluetail Goodea		53				138
<i>Characodon lateralis</i>	Rainbow Characodon		69				47
<i>Ilyodon furcoides</i>	Goldbreast Splitfin		360				0
<i>Skiffia francesae</i>	Golden Sawfin	ASP/MON	109		30	99	40
<i>Zoogoneticus tequila</i>	Crescent Splitfin		39			4	35
<i>Poecilia reticulata</i>	Guppy		62				105
<i>Xiphophorus hellerii</i>	Swordtail		38				20
<i>Aphanius dispar</i>	Killifish	ASP/MON	62			19	25
<i>Cyprinodon</i>	Pupfish		1			1	0
<i>Doryrhamphus excisus</i>	Bluestriped Pipefish		5			5	0
<i>Hippocampus reidi</i>	Longsnout Seahorse	ASP/MON	6		280	185	101
<i>Dicentrarchus labrax</i>	European Seabass		4				4
<i>Pseudanthias squamipinnis</i>	Orange Fairy Basslet		1				1
<i>Cephalopholis argus</i>	Peacock Grouper		1				1
<i>Cromileptes altivelis</i>	Panther Grouper		1				1
<i>Pterapogon kauderni</i>	Banggai Cardinalfish		0		15		15
<i>Sphaeramia</i>	Cardinalfish		10			2	8
<i>Toxotes chatareus</i>	Spotfin Archerfish		1				1
<i>Toxotes jaculatrix</i>	Banded Archerfish		8			1	7
<i>Monodactylus sebae</i>	African Silverfish		6				6
<i>Chelmon rostratus</i>	Copperband Butterflyfish		1				1
<i>Chelon labrosus</i>	Thicklip Grey Mullet		6				6
<i>Astronotus ocellatus</i>	Tiger Oscar		0		1	1	0
<i>Aulonocara nyassae</i>	Peacock Cichlid		33				2
<i>Cyrtocara moorii</i>	Moor's Cichlid		12			12	0
<i>Julidochromis marlieri</i>	Checkerboard Cichlid		8		12		20
<i>Konia eisentrauti</i>	Konye Cichlid		22			12	10
<i>Labeotropheus fuelleborni</i>	Blue Mbuna Cichlid		300				350
<i>Melanochromis auratus</i>	Nyasa Golden Cichlid		5				22
<i>Melanochromis johannii</i>	Bluegrey Mbuna Cichlid		2	5			7
<i>Neolamprologus leleupi</i>	Cichlid		4			4	0
<i>Nimbochromis venustus</i>	Lake Malawi Cichlid		199				30
<i>Pseudotropheus lombardoi</i>	Lombardo's African Cichlid		5				5
<i>Pseudotropheus zebra</i>	Cobalt Blue Zebra Cichlid		258				205
<i>Pterophyllum scalare</i>	Freshwater Angelfish		2			1	1
<i>Ptychochromis oligacanthus</i>	Cichlid	ASP/MON	48			3	45
<i>Pungu maclareni</i>	Pungu Cichlid	ASP/MON	8		2	4	6
<i>Sarotherodon linnellii</i>	Unga Cichlid	ASP/MON	127		92	80	139
<i>Sarotherodon lohbergeri</i>	Leka Keppe Cichlid	ASP/MON	60		99	81	78
<i>Steatocranus casuarius</i>	Lionhead Cichlid		7			6	1
<i>Symphysodon aequifasciatus</i>	Blue Discus		2			2	0
<i>Uaru amphiacanthoides</i>	Triangle Cichlid		1				1
<i>Amphiprion frenatus</i>	Tomato Clownfish		2				2
<i>Amphiprion ocellaris</i>	Peacock Clownfish		3				3
<i>Amphiprion percula</i>	Orange Clownfish		4			3	1
<i>Amphiprion perideraion</i>	Pink Skunk Clownfish		3			3	0
<i>Amphiprion rubrocinctus</i>	Red Anemonefish		3			4	0
<i>Amphiprion sandaracinos</i>	Yellow Clownfish		3			3	0
<i>Chromis viridis</i>	Bluegreen Chromis		5			3	2
<i>Chromis xanthurus</i>	Yellowtail Blue Damsel		1			1	0
<i>Pomacentrus caeruleus</i>	Cerulean Damsel		1				1
<i>Ctenolabrus rupestris</i>	Goldsinny Wrasse		9			7	2
<i>Labrus mixtus</i>	Cuckoo Wrasse		3			1	2
<i>Symphodus melanocercus</i>	Corkwing Wrasse		7			7	0
<i>Lipophrys pholis</i>	Shanny Blenny		9			4	5
<i>Synchiropus splendidus</i>	Mandarinfish		2				2
<i>Periophthalmus</i>	Mudskipper		0		5		5
<i>Periophthalmus barbarus</i>	Atlantic Mudskipper		1				1
<i>Scatophagus argus</i>	Spotted Scat		3				3
<i>Scatophagus tetracanthus</i>	Banded Scat		1				1
<i>Acanthurus coeruleus</i>	Blue Tang Surgeon		0		1		1
<i>Paracanthurus hepatus</i>	Blue Tang		2		1		3
<i>Zebrafish</i>	Sailfin Tang		0		1		1

<i>Zebrasoma flavescens</i>	Yellow Tang		3		1			4	
<i>Zebrasoma scopas</i>	Twotone Tang		1			1		0	
<i>Zebrasoma xanthurum</i>	Purple Tang		1					1	
<i>Osphronemus goramy</i>	Giant Gourami		1					1	
<i>Channa asiatica</i>	Northern Green Snakehead		1			1		0	
<i>Rhinecanthus aculeatus</i>	Humu-humu-nuku-nuku-a-pua'a		1					1	
<i>Arothron nigropunctatus</i>	Blackspot Puffer		1					1	
<i>Tetraodon palembangensis</i>	Puffer		1					1	
<i>Diodon holocanthus</i>	Freckled Porcupinefish		2					2	
<i>Protopterus annectens</i>	West African Lungfish		3					3	
<b>Amphibia</b>									
<i>Boulengerula uluguruensis</i>	Uluguru Hills Caecilian		0	0	2	0	0	2	
<i>Ambystoma mexicanum</i>	Axolotl		6	12	3	6	9	6	
<i>Salamandra salamandra</i>	European Fire Salamander		1	0	0	0	0	1	
<i>Dendrobates azureus</i>	Blue Poison Dart Frog	ESB	7		3	4		6	
	Yellow-banded Poison Dart Frog								
<i>Dendrobates leucomelas</i>	Frog		9					9	
<i>Dendrobates pumilio</i>	Strawberry Poison Dart Frog		3			3		0	
<i>Mannophryne trinitatus</i>	Trinidad Stream Frog		46	5				51	
<i>Phyllobates terribilis</i>	Golden Poison Dart Frog		6			2		4	
<i>Bombina orientalis</i>	Oriental Fire-bellied Toad		3	0	0	0	0	3	
<i>Osteopilus septentrionalis</i>	Cuban Tree Frog		2			1		1	
<i>Trachycephalus venulosus</i>	Veined Tree Frog		2					2	
<i>Cruziohyla calcarifer</i>	Splendid Leaf Frog		0		6			6	
<i>Hylomantis lemur</i>	Lemur Tree Frog		31					104	
<i>Leptodactylus fallax</i>	Mountain Chicken Frog	ESB	2	0	4	0	0	6	
<i>Mantella aurantiaca</i>	Golden Mantella		26					49	
<i>Polypedates leucomystax</i>	Bamboo Tree Frog		3					3	
<b>Reptilia</b>									
<i>Phrynops geoffroanus</i>	Geoffroy's Side-necked Turtle		6	0	0	2	0	4	
<i>Podocnemis unifilis</i>	Yellow-spotted Amazon River Turtle		5	0	0	0	0	5	
<i>Carettochelys insculpta</i>	Fly River Turtle		3	0	0	0	0	3	
<i>Cuora amboinensis</i>	Malayan Box Turtle	ESB	3	0	0	0	0	3	
<i>Cuora flavomarginata</i>	Chinese Box Turtle		7	1	0	0	0	8	
<i>Cuora galbinifrons</i>	Indochinese Box Turtle		7	0	1	0	2	6	
<i>Pyxidea mouhotii</i>	Keeled Box Turtle		3	0	0	0	0	3	
<i>Siebenrockiella crassicollis</i>	Black Marsh Turtle	ESB	6	2	0	1	0	7	
<i>Terrapene carolina</i>	Common Box Turtle		1	0	0	0	0	1	
<i>Trachemys scripta elegans</i>	Red-eared Slider		35	0	0	0	0	35	
<i>Geochelone gigantea</i>	Aldabra Tortoise		3	0	0	0	0	3	
<i>Malacochersus tornieri</i>	Pancake Tortoise	ESB	11	0	0	0	0	11	
<i>Testudo kleinmanni</i>	Egyptian Tortoise	EEP	7	1	0	1	3	4	
<i>Osteolaemus tetraspis tetraspis</i>	West African Dwarf Crocodile	ESB	6	0	0	0	4	2	
<i>Pogona vitticeps</i>	Inland Bearded Dragon		2	0	0	0	0	2	
<i>Uromastix aegyptia</i>	Egyptian Spiny-tailed Lizard		4	0	0	0	0	4	
<i>Uromastix geyri</i>	Sahara Spiny-tailed Lizard		2	0	0	2	0	0	
<i>Chamaeleo melleri</i>	Meller's Chameleon		3	0	0	0	0	3	
<i>Gerrhosaurus major</i>	Round-nosed Plated Lizard		1	0	0	0	0	1	
<i>Eublepharis macularius</i>	Leopard Gecko		7	0	2	0	0	9	
<i>Phelsuma klemmeri</i>	Yellow-headed Day Gecko	ESB	4	0	1	1	0	4	
<i>Phelsuma standingi</i>	Standing's Day Gecko		7	8	0	1	4	10	
<i>Heloderma suspectum suspectum</i>	Reticulate Gila Monster	EEP	4	0	1	0	0	5	
<i>Basiliscus plumifrons</i>	Plumed Basilisk		4	0	4	3	0	5	
<i>Crotaphytus collaris</i>	Collared Lizard		6	2	0	3	0	5	
<i>Cyclura cornuta cornuta</i>	Rhinoceros Iguana	ESB	2	0	1	0	1	2	
<i>Sauromalus obesus obesus</i>	Western Chuckwalla		8	3	0	0	0	11	
<i>Corucia zebrata</i>	Prehensile-tailed Skink		7	2	0	1	0	8	
	New Guinea Blue-tongued Skink								
<i>Tiliqua gigas</i>	Skink		2	0	0	0	0	2	
<i>Varanus prasinus prasinus</i>	Green Tree Monitor	ESB	8	0	0	0	4	4	
<i>Boa constrictor</i>	Boa Constrictor		2	0	0	0	0	2	
<i>Corallus hortulanus</i>	Tree Boa		6	0	0	0	3	3	
<i>Epicrates angulifer</i>	Cuban Boa	EEP	3	0	0	0	0	3	
<i>Epicrates cenchria cenchria</i>	Brazilian Rainbow Boa		1	0	1	0	0	2	
<i>Epicrates cenchria maurus</i>	Colombian Rainbow Boa		2	0	0	0	0	2	
<i>Sanzinia madagascariensis</i>	Madagascan Tree Boa	ESB	2	0	0	0	0	2	
<i>Liasis mackloti savuensis</i>	Savu Island Python		6	0	0	0	1	5	
<i>Morelia amethystina amethystina</i>	Amethystine Python		2	0	2	1	0	3	
<i>Morelia viridis</i>	Green Tree Python		1	0	0	0	1	0	
<i>Python regius</i>	Royal/ball Python		6	0	0	0	2	4	
<i>Elaphe guttata guttata</i>	Cornsnake/red Ratsnake		4	0	0	0	0	4	
<i>Lampropeltis getula californiae</i>	California Kingsnake		1	0	0	0	0	1	
<i>Lampropeltis mexicana</i>	Kingsnake		1	0	0	0	0	1	
<i>Lampropeltis triangulum sinaloae</i>	Sinaloan Milksnake		2	0	0	0	0	2	
<i>Pituophis melanoleucus melanoleucus</i>	Northern Pine Snake		2	0	0	0	0	2	
<i>Crotalus unicolor</i>	Aruba Island Rattlesnake		2	0	0	0	0	2	

**Aves**

<i>Casuarus casuarus</i>	Double-wattled Cassowary	ESB	2	0	0	0	0	2
<i>Eudyptula minor novaehollandiae</i>	Little Penguin	MON	1	0	2	0	1	2
<i>Spheniscus demersus</i>	African Penguin	EEP	62	17	0	8	0	71
<i>Pelecanus rufescens</i>	Pink-backed Pelican	MON	6	0	0	1	0	5
<i>Egretta garzetta</i>	Little Egret		6	0	13	0	0	19
<i>Phoenicopterus roseus</i>	Greater Flamingo	MON	28	0	0	0	0	28
<i>Branta ruficollis</i>	Red-breasted Goose	MON	1	0	0	0	0	1
<i>Dendrocygna arcuata arcuata</i>	East Indian Wandering Whistling Duck		1	0	0	0	0	1
<i>Aix sponsa</i>	American Wood Duck		5	0	0	0	0	5
<i>Anas melleri</i>	Meller's Duck	EEP	4	0	1	0	0	5
<i>Anas sibilatrix</i>	Chiloe Wigeon		8	0	0	0	0	8
<i>Aythya fuligula</i>	Tufted Duck		1	0	0	0	0	1
<i>Somateria mollissima</i>	Eider		1	0	0	0	0	1
<i>Somateria mollissima mollissima</i>	Common Eider Duck		7	2	0	2	2	5
<i>Tadorna ferruginea</i>	Ruddy Shelduck		1	0	0	0	0	1
<i>Parabuteo unicinctus</i>	Harris' Hawk/bay-winged Hawk		2	0	0	0	0	2
<i>Polyplectron emphanum</i>	Palawan Peacock Pheasant	EEP	1	0	2	1	0	2
<i>Rollulus rouloul</i>	Crested Wood Partridge	MON	24	39	0	38	3	22
<i>Recurvirostra avosetta</i>	Pied Avocet	MON	16	0	0	2	0	14
<i>Vanellus miles</i>	Masked Lapwing		0	0	5	1	1	3
<i>Vanellus miles miles</i>	Masked Plover		1	0	0	0	1	0
<i>Vanellus spinosus</i>	Spur-winged Lapwing		2	0	0	1	0	1
<i>Tringa totanus</i>	Common Redshank	MON	2	0	0	0	0	2
<i>Philomachus pugnax</i>	Ruff		4	0	0	0	0	4
<i>Larosterna inca</i>	Inca Tern	ESB	21	1	0	2	0	20
<i>Caloenas nicobarica nicobarica</i>	Nicobar Pigeon	MON	14	4	0	4	1	13
<i>Columba mayeri</i>	Mauritius Pink Pigeon	EEP	3	0	1	0	0	4
	Chestnut Naped Imperial Pigeon							
<i>Ducula aenea paulina</i>	Pigeon	MON	8	0	0	0	2	6
<i>Ducula bicolor</i>	Pied Imperial Pigeon	MON	10	11	0	2	0	19
<i>Gallicolumba criniger</i>	Mindanao Bleeding Heart Dove	ESB	7	9	2	9	2	7
<i>Gallicolumba luzonica</i>	Luzon Bleeding-heart Dove	ESB	7	14	1	5	5	12
<i>Gallicolumba tristigmata bimaculata</i>	Sulawesi Quail Dove		5	3	0	3	0	5
<i>Goura victoria</i>	Victoria Crowned Pigeon	ESB	2	0	3	1	0	4
<i>Otidiphaps nobilis aruensis</i>	White-naped Pheasant Pigeon	ESB	3	0	1	0	0	4
<i>Ptilinopus melanospila</i>	Black-naped Fruit Dove		3	5	3	4	1	6
<i>Streptopelia risoria</i>	Ringed Turtle Dove		29	8	15	1	15	36
<i>Streptopelia turtur</i>	European Turtle Dove	MON	0	0	3	0	0	3
<i>Zenaida macroura graysoni</i>	Socorro Dove	EEP	3	0	0	0	0	3
<i>Cacatua haematuropygia</i>	Red-vented Cockatoo	EEP	6	0	0	0	0	6
<i>Lorius garrulus flavopalliatu</i>	Yellow-backed Chattering Lory	ESB	2	0	0	0	0	2
<i>Trichoglossus haematodus moluccanus</i>	Australian Rainbow Lorikeet		0	0	38	2	4	32
<i>Nestor notabilis</i>	Kea	ESB	3	3	0	1	0	5
<i>Agapornis nigrigenis</i>	Black-cheeked Lovebird	MON	41	30	11	7	19	56
<i>Ara auricollis</i>	Yellow-collared Macaw		4	0	0	0	0	4
<i>Ara macao</i>	Scarlet Macaw	ESB	2	0	0	0	0	2
<i>Amazona autumnalis lilacina</i>	Lilacine Amazon	EEP	7	2	0	0	4	5
<i>Amazona brasiliensis</i>	Red-tailed Amazon	EEP	2	0	1	0	1	2
<i>Tauraco erythrolophus</i>	Red-crested Turaco	ESB	0	0	2	0	0	2
<i>Tyto alba</i>	Common Barn Owl		2	0	0	0	0	2
<i>Bubo bubo</i>	Eurasian Eagle Owl		1	0	0	0	0	1
<i>Dacelo novaeguineae</i>	Laughing Kookaburra		0	0	2	0	0	2
<i>Todiramphus chloris</i>	Mangrove Kingfisher	MON	1	0	1	0	0	2
<i>Tockus deckeni</i>	Von Der Decken's Hornbill	ESB	1	0	1	0	0	2
<i>Penelopides panini</i>	Visayan Hornbill	ESB	1	0	1	1	0	1
<i>Pitta sordida mulleri</i>	Hooded Pitta	ESB	1	0	1	0	0	2
<i>Pycnonotus bimaculatus</i>	Orange-spotted Bulbul		1	0	0	0	0	1
<i>Copsychus malabaricus</i>	Common Shama Thrush	MON	0	0	2	1	0	1
<i>Copsychus saularis</i>	Magpie Robin	MON	1	0	0	1	0	0
<i>Zoothera citrina</i>	Orange-headed Thrush	MON	0	0	2	0	0	2
<i>Zoothera dohertyi</i>	Chestnut-backed Thrush	ESB	3	13	2	6	3	9
	Black-throated Laughing Thrush							
<i>Dryonastes chinensis</i>	Thrush		2	0	0	1	1	0
<i>Dryonastes courtoisi</i>	Blue-crowned Laughing Thrush	EEP	1	0	0	1	0	0
<i>Leiothrix lutea</i>	Red-billed Leiothrix	MON	4	0	3	0	3	4
<i>Paroaria dominicana</i>	Red-cowled Cardinal		2	0	0	0	0	2
<i>Aplonis panayensis</i>	Asian Glossy Starling		1	0	0	0	0	1
<i>Leucopsar rothschildi</i>	Bali Starling	EEP	4	0	0	2	0	2
<i>Scissirostrum dubium</i>	Grosbeak Starling		1	0	0	0	0	1
<i>Spreo superbus</i>	Superb Starling	MON	4	2	0	1	0	5
<i>Sturnus nigricollis</i>	Black-collared Starling		2	0	0	0	2	0
<i>Cyanopica cyana</i>	Azure-winged Magpie	MON	19	13	0	10	6	16
<b>Mammalia</b>								
<i>Petaurus breviceps</i>	Sugar Glider		8	2	1	2	0	9
<i>Potorous tridactylus</i>	Long-nosed Potoroo	MON	4	0	0	2	0	2
<i>Choloepus didactylus</i>	Linne's Two-toed Sloth	ESB	1	0	1	0	0	2
<i>Euphractus sexcinctus</i>	Six-banded Armadillo		0	2	3	2	0	3
<i>Microcebus murinus</i>	Grey Mouse Lemur	EEP	5	3	0	3	0	5

<i>Eulemur mongoz</i>	Mongoose Lemur	EEP	3	0	0	0	0	3
<i>Hapalemur alaotrensis</i>	Alaotran Gentle Lemur	EEP	3	0	0	0	1	2
<i>Lemur catta</i>	Ring-tailed Lemur	ESB	7	1	0	0	0	8
<i>Varecia rubra</i>	Red Ruffed Lemur	EEP	5	0	1	0	0	6
<i>Daubentonia madagascariensis</i>	Aye-aye	EEP	3	0	0	0	0	3
<i>Nycticebus pygmaeus</i>	Pygmy Slow Loris	EEP	5	0	0	0	1	4
<i>Callimico goeldii</i>	Goeldi's Monkey	EEP	2	2	0	2	0	2
<i>Callithrix geoffroyi</i>	Geoffroy's Marmoset	EEP	4	0	0	0	0	4
<i>Leontopithecus chrysomelas</i>	Golden-headed Tamarin	EEP	2	2	2	3	0	3
<i>Leontopithecus chrysopygus</i>	Black Lion Tamarin	EEP	2	0	0	0	0	2
<i>Leontopithecus rosalia</i>	Golden Lion Tamarin	EEP	2	0	0	1	0	1
<i>Saimiri sciureus sciureus</i>	Common Squirrel Monkey	EEP	18	0	0	2	5	11
<i>Aotus lemurinus griseimembra</i>	Grey-legged Douroucouli	ESB	3	1	0	1	0	3
<i>Callicebus cupreus cupreus</i>	Titi Monkey	EEP	2	0	0	0	0	2
<i>Pithecia pithecia</i>	White-faced Saki	EEP	2	1	0	0	0	3
<i>Alouatta caraya</i>	Black Howler	ESB	3	1	0	0	0	4
<i>Cercopithecus neglectus</i>	De Brazza's Monkey	ESB	3	0	1	1	0	3
<i>Macaca silenus</i>	Lion-tailed Macaque	EEP	6	0	0	0	0	6
<i>Trachypithecus auratus auratus</i>	Javan Langur	ESB	9	1	0	3	0	7
		Proposed						
<i>Hylobates agilis</i>	Agile Gibbon	EEP	2	0	0	0	0	2
<i>Gorilla gorilla gorilla</i>	Western Lowland Gorilla	EEP	5	0	1	0	0	6
<i>Glaucomys volans</i>	Southern Flying Squirrel		0	0	2	0	0	2
<i>Cynomys ludovicianus</i>	Black-tailed Prairie Dog		43	12	0	3	6	46
<i>Spermophilus richardsonii</i>	Richardson's Ground Squirrel		0	0	1	0	0	1
<i>Dipodomys merriami</i>	Merriam's Kangaroo Rat		11	10	0	7	2	12
<i>Hypogeomys antimena</i>	Malagasy Jumping Rat		2	0	2	0	0	4
<i>Phodopus roborovskii</i>	Desert Hamster		5	0	0	3	0	2
<i>Acomys cilicicus</i>	Turkish Spiny Mouse	MON	46	12				58
<i>Mus musculus</i>	House Mouse		45			2		43
<i>Rattus norvegicus</i>	Brown Rat		47	13				60
<i>Rattus rattus</i>	Black Rat		26	13				39
<i>Heterocephalus glaber</i>	Naked Mole-rat		25	0	0	0	0	25
<i>Chinchilla lanigera</i>	Long-tailed Chinchilla		1	0	2	0	0	3
<i>Cavia porcellus</i>	Domestic Guinea Pig		14	0	0	7	1	6
<i>Hydrochaeris hydrochaeris</i>	Capybara		2	0	0	0	0	2
<i>Dasyprocta azarae</i>	Azara's Agouti		0	0	3	0	0	3
<i>Pteropus livingstonii</i>	Livingstone's Fruit Bat	ESB	13	3	0	0	0	16
<i>Felis margarita harrisoni</i>	Sand Cat	EEP	3	0	0	0	0	3
<i>Panthera leo persica</i>	Asian Lion	EEP	2	0	1	0	1	2
<i>Helogale parvula</i>	Dwarf Mongoose	MON	2	0	0	0	0	2
<i>Suricata suricatta</i>	Slender-tailed Meerkat	EEP	6	3	0	2	1	6
<i>Arctocephalus australis</i>	South American Fur Seal	ESB	7	0	0	0	0	7
<i>Lontra canadensis</i>	North American River Otter		3	0	0	0	0	3
<i>Mustela putorius</i>	European Polecat		3	0	3	1	3	2
<i>Procyon lotor</i>	Raccoon		0	0	2	0	0	2
<i>Ailurus fulgens fulgens</i>	Red Panda	EEP	1	0	0	0	0	1
<i>Tapirus terrestris</i>	Brazilian Tapir	EEP	4	1	0	1	2	2
<i>Hexaprotodon liberiensis</i>	Pygmy Hippopotamus	EEP	2	0	0	1	0	1
<i>Tragulid javanicus</i>	Lesser Malay Mouse Deer	EEP	4	0	0	1	1	2
<i>Pudu puda</i>	Southern Pudu	EEP	2	1	0	0	0	3
<i>Okapia johnstoni</i>	Okapi	EEP	2	0	0	0	0	2