COMMON NAME	SCIENTIFIC NAME	GROUP M.F.U 01.01.21			ACQUISITIONS			BIRTHS			DEATHS			DISPOSITIONS			GROUP M.F.U 31.12.21		
INVERTEBRATES		M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U
Brazilian Salmon Tarantula	*Lasiodora parahybana*	0	2	0													0	2	0
Giant Stick Insect	*Eurycantha calcarata*	Group															Group		
Partula Snail	*Partula varia*	Group															Group		
Partula Snail	*Partula hyalina*	Group															Group		
Partula Snail	*Partula mooreana*	Group															Group		
Partula Snail	*Partula taeniata nucleola*	Group															Group		
Partula Snail	*Partula rosea*	Group															Group		
Assassin Snail	*Clea helena*	Group															Group		
Fregate Island Giant Beetle	*Polposipus herculeanus*	Group															Group		
Polyphemus Flower Beetle	*Mecynorrhina polyphemus*	Group															Group		
Sun Beetle	*Pachnoda marginata*	Group															Group		
Madagascar Hissing Cockroach	*Gromphadorina oblongonata*	Group															Group		
Caribbean Giant Cockroach	*Blaberus giganteus*	Group															Group		
Leafcutter Ant	*Atta cephalotes*	Group															Group		
Zebrawing Butterfly	*Heleconius sp*	Group															Group		
Queensland red claw	*Cherax quadricarinatus*	Group															Group		
Cricket	*Homoeogryllus xanthographus*	Group															Group		
		0	2	0													0	2	0+
TOTAL Invertebrates: 2+																			
TOTAL Invertebrate species at the start of 2021: 15																			
TOTAL Invertebrate species at the end of 2021: 16																			

COMMON NAME	SCIENTIFIC NAME	GROUP M.F.U 01.01.21			ACQUISITIONS			BIRTHS			DEATHS			DISPOSITIONS			GROUP M.F.U 31.12.21		
FISH		M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U
Goldfish sp	*Carassius auratus*	Group															Group		
Tinfoil Barb	*Barbonymus schwanenfeldii*	0	0	3													0	0	3
Diamond Barb	*Hypsibarbus wetmorei*	0	0	1													0	0	1
Striped Panchax	*Aplocheilus lineatus*	Group															Group		
Granulated Catfish	*Pterodoras granulosus*	0	0	1													0	0	1
Marbled Catfish	*Leiarius marmoratus*	0	0	1													0	0	1
Ripsaw Catfish	*Oxydoras niger*	0	0	1													0	0	1
Pearl Guarami	*Trichopodus leerii*	Group															Group		
Plecostomus	*Hypostomus sp*	0	0	4													0	0	4
Blackline Penguin Tetra	*Thayeria boehikei*	Group															Group		
Longfin Tetra	*Bryconalestes longipinnis*	0	0	20							0	0	1				0	0	19
Grass Carp	*Ctenopharyngodon idella*	0	0	2													0	0	2
Common Carp	*Cyprinus carpio*	0	0	10													0	0	10
Threelined Scissortail Rasbora	*Rasbora trillineata*	Group															Group		
Tambraparini Barb	*Dawkinsia tambraparniei barb*	Group															Group		
Sumatra Barb	*Puntigrus tetrazona*	Group															Group		
Tricolor sharkminnow	*Balantiocheilus melanopterus*	Group															Group		
Barred Birchir	*Polypterus delhezi*	0	0	1													1	0	0
Leopard Ctenopoma	*Ctenopoma acutirostre*	0	0	3	0	0	5				0	0	4				0	0	4
		0	0	47+	0	0	5				0	0	5				1	0	46+
TOTAL Fish: 47+																			
TOTAL Fish species at the start of 2021: 19																			
TOTAL Fish species at the end of 2021: 19																			

COMMON NAME	SCIENTIFIC NAME	GROUP M.F.U 01.01.21			ACQUISITIONS			BIRTHS			DEATHS			DISPOSITIONS			GROUP M.F.U 31.12.21		
AMPHIBIANS		M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U
Gymnophiona																			
Aquatic Caecilian	*Typhlonectes natans*	2	4	0													2	4	0
Anura																			
Trinidad Poison Dart Frog	*Mannophyrne trinitatus*	Group															Group		
Strawberry Poison Dart Frog	*Oophaga pumillo*	1	1	1										1	1	1	0	0	0
		3	5	1+										1	1	1	2	4	0+
TOTAL Amphibians: 6+																			
TOTAL Amphibian species at the start of 2021: 3																			
TOTAL Amphibian species at the end of 2021: 2																			

COMMON NAME	SCIENTIFIC NAME	GROUP M.F.U 01.01.21			ACQUISITIONS			BIRTHS			DEATHS			DISPOSITIONS			GROUP M.F.U 31.12.21		
REPTILES		M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U
Testudines																			
Roti Island Snake-necked Turtle	*Chelodina mccordi*	0	1	0													0	1	0
Egyptian Tortoise	*Testudo kleinmanni*	4	2	0							1	2	0				3	0	0
Asian Brown Tortoise	*Manouria emys phayrei*	3	3	0													3	3	0
Squamata																			
Crocodile Monitor	*Varanus salvadorii*	1	1	0							1	0	0				0	1	0
Emerald Tree Monitor	*Varanus prasinus*	1	0	0													1	0	0
Reticulate Gila Monster	*Heloderma suspectum suspectum*	1	1	0													1	1	0
Rio Fuerte Beaded Lizard	*Heloderma horridium exasperatum*	0	1	0													0	1	0
Cayman Lion Lizard	*Leiocephalus carinatus*	4	2	0													4	2	0
Sand Lizard	*Lacerta agilis*	Group															Group		
Asian Water Dragon	*Physignathus cocincinus*	0	2	0										0	2	0	0	0	0
Leopard Gecko	*Eublepharis macularius*	0	1	0													0	1	0
Royal Python	*Python regius*	5	3	0													5	3	0
Madagascar Tree Boa	*Sanzinia madagascariensis*	2	0	0							1	0	0				1	0	0
Dumeril's Ground Boa	*Acrantophis dumerili*	1	0	0													1	0	0
Starred Agama	*Laudakia stellio*	1	2	0				0	0	6							1	2	6
Baker's Spiny-tailed Iguana	*Ctenosaura bakeri*	1	0	0													1	0	0
Casque-headed Iguana	*Laemanctus serratus*	2	4	0				0	0	4	1	0	2				1	4	2
		26	23	0				0	0	10	4	2	2				22	19	8+
TOTAL Reptiles: 49+																			
TOTAL Reptile species at the start of 2021: 17																			
TOTAL Reptile species at the end of 2021: 16																			

COMMON NAME	SCIENTIFIC NAME	GROUP M.F.U 01.01.21			ACQUISITIONS			BIRTHS			DEATHS			DISPOSITIONS			GROUP M.F.U 31.12.21		
BIRDS		M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U
Struthioniformes																			
Ostrich	*Struthio camelus*	0	3	0													0	3	0
Sphenisciformes																			
Humboldt Penguin	*Spheniscus humboldti*	5	9	0				0	1	0	1	1	0				4	9	0
Ciconiiformes																			
Little Egret	*Egretta garzetta*	2	0	0													2	0	0
Hamerkop	*Scopus umbretta*	2	1	0										1	0	0	1	1	0
Marabou Stork	*Leptoptilos crumenifer*	1	1	0													1	1	0
Waldrapp Ibis	*Geronticus eremita*	3	4	0							0	1	0				3	3	0
Greater Flamingo	*Phoenicopterus roseus*	16	16	0							1	0	0				15	16	0
Anseriformes																			
Madagascar Teal	*Anas bernieri*	0	2	0													0	2	0
Galliformes																			
Himalayan Impeyan Pheasant	*Lophophorus impejanus*	1	0	0													1	0	0
Crested Wood Partridge	*Rollulus rouloul*	4	5	1				10	11	16	1	2	4				13	14	13
Green Peafowl	*Pavo muticus*	1	0	0										1	0	0	0	0	0
Collared Hill-partridge	*Arborophila gingica*	1	0	0	0	1	0										1	1	0
Psittaciformes																			
Swift Parrot	*Lathamus discolor*	2	0	0	0	1	0										2	1	0
Sun Conure	*Aratinga solstitialis*	1	1	0							1	1	0				0	0	0
Strigiformes																			
Northern White-faced Owl	*Ptilopsis leucotis*	1	1	0										1	1	0	0	0	0
Passeriformes																			
Black-headed Weaver	*Ploceus cucullatus abyssinicus*	5	5	0				0	0	16							5	5	16
Blue-faced Honeyeater	*Entomyzon cyanotis*	0	0	0	1	1	0										1	1	0
White-rumped Shama	*Kittacincia malabaricus*	2	2	0							1	0	0	0	2	0	1	0	0
Blue-crowned Laughingthrush	*Dryonastes courtoisi*	6	1	0	4	0	0										10	1	0
Red-tailed laughing thrush	*Trochalopteron milnei*	1	1	0													1	1	0
Asian Glossy Starling	*Aplonis panayensis*	7	5	11				0	0	3	4	1	3				12	6	0
Javan Sparrow	*Lonchura oryzivora*	3	0	0										3	0	0	0	0	0

Mount Omei Babbler	*Liocichla omeiensis*	1	0	0													1	0	0
Purple Honeycreeper	*Cyanerpes caeruleus*	2	0	0													2	0	0
Brazilian Tanager	*Ramphocelus bresilius*	2	1	0							0	1	0	1	0	0	1	0	0
Blue-grey Tanager	*Thraupis episcopus*	1	0	0													1	0	0
Turquoise Tanager	*Tangara mexicana*	2	2	0				0	0	1	1	1	1				1	1	0
Fairy Bluebird	*Irena puella*	2	0	0	0	1	0							1	0	0	1	1	0
Bearded Reedling	*Panurus biarmicus*	4	6	0				0	0	5	2	4	5				2	2	0
Cuculiformes																			
Fischer's Turaco	*Tauraco fischeri*	1	1	0													1	1	0
Charadriiformes																			
Black-winged Stilt	*Himantopus himantopus*	1	1	0													1	1	0
Columbiformes																			
White-naped Pheasant-pigeon	*Otidiphaps aurensis*	1	1	0													1	1	0
Nicobar Pigeon	*Caloenas nicobarica*	4	0	0													4	0	0
Pied Imperial Pigeon	*Ducula bicolor*	0	1	0	0	1	0				0	1	0				0	1	0
Wonga Pigeon	*Leucosarcia melanoleuca*	0	0	0	2	0	0										2	0	0
Luzon Bleeding-heart Dove	*Gallicolumba luzonica*	1	0	0										1	0	0	0	0	0
Sclater's Crowned-pigeon	*Goura sclaterii*	2	1	0				0	1	0							2	2	0
		88	71	12	7	5	0	10	13	41	12	13	13	9	3	0	93	75	29
TOTAL Birds: 197																			
TOTAL Bird species at the start of 2021: 35																			
TOTAL Birds species at the end of 2021: 32																			

COMMON NAME	SCIENTIFIC NAME	GROUP M.F.U 01.01.21			ACQUISITIONS			BIRTHS			DEATHS			DISPOSITIONS			GROUP M.F.U 31.12.21		
MAMMALS		M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U
Diprotodontia																			
Long-nosed Potoroo	*Potorous tridactylus*	2	0	0													2	0	0
Bennett's Wallaby	*Macropus rufogriseus rufogriseus*	1	5	0	0	4	0				0	1	0				1	8	0
Parma Wallaby	*Macropus parma*	0	0	0	3	0	0										3	0	0
Diprotodontia																			
Linne's Two-toed Sloth	*Choloepus didactylus*	0	0	0	1	0	0										1	0	0
Primates																			
Alaotran Gentle Lemur	*Hapalemur alaotrensis*	1	0	0													1	0	0
Ring-tailed Lemur	*Lemur catta*	5	0	0													5	0	0
Red Ruffed Lemur	*Varecia rubra*	3	0	0													3	0	0
Black-and-white Ruffed Lemur	*Varecia variegata*	6	1	0													6	1	0
Crowned Lemur	*Eulemur coronatus*	2	0	0													2	0	0
Emperor Tamarin	*Saguinus imperator*	0	0	0	1	0	0										1	0	0
Red-handed Tamarin	*Saguinus midas*	0	0	0	2	0	0										2	0	0
Golden-headed Lion Tamarin	*Leontopithecus chrysomelas*	1	1	0													1	1	0
Golden Lion Tamarin	*Leontopithecus rosalia*	1	0	0													1	0	0
Cotton-top Tamarin	*Saguinus oedipus*	1	1	0	1	1	0										2	2	0
Siamang	*Symphalangus syndactylus*	3	1	0													3	1	0
White-faced Saki	*Pithecia pithecia*	3	1	0													3	1	0
Silvery Marmoset	*Mico argentatus*	2	0	0										2	0	0	0	0	0
Pygmy Marmoset	*Cebuella pygmaea*	2	2	0										0	1	0	2	1	0
Coppery Titi Monkey	*Plecturocebus cupreus*	0	0	0	2	0	0										2	0	0
Rodentia																			
Domestic Rat	*Rattus norvegicus*	4	0	0										4	0	0	0	0	0
Capybara	*Hydrochoerus hydrochaeris*	0	2	0										0	2	0	0	0	0
Carnivora																			
Narrow-striped Mongoose	*Mungotictis decemlineata*	1	0	0													1	0	0
Yellow Mongoose	*Cynictis penicillata*	0	7	0													0	7	0
Cusimanse	*Crossarchus obscurus*	2	2	0													2	2	0
Binturong	*Arctictis binturong*	1	1	0													1	1	0

Red Panda	*Ailurus fulgens fulgens*	1	1	0													1	1	0
Oriental Small-clawed Otter	*Ambionyx cincereus*	2	3	0							0	1	0				2	2	0
Slender-tailed Meerkat	*Suricata suricatta*	6	0	0							1	0	0				5	0	0
Central African Cheetah	*Acinonyx jubatus soemmeringii*	1	0	0							1	0	0				0	0	0
Serval	*Leptailurus serval*	1	1	0													1	1	0
Amur Leopard	*Panthera pardus orientalis*	1	0	0							1	0	0				0	0	0
Amur Tiger	*Panthera tigris altaica*	1	1	0													1	1	0
Snow Leopard	*Panthera uncia*	1	1	0													1	1	0
Perissodactyla																			
Somali Wild Ass	*Equus africanus somaliensis*	1	4	0													1	4	0
Przewalski's Wild Horse	*Equus caballus przewalskii*	1	6	0				1	0	0	1	1	0	0	1	0	1	4	0
Grevy's Zebra	*Equus grevyi*	1	5	0	0	1	0	1	0	0	2	2	0	0	1	0	0	3	0
Hartmann's Mountain Zebra	*Equus zebra hartmannae*	2	4	0				1	2	0	1	3	0				2	3	0
Plains Zebra	*Equus quagga boehmi*	1	4	0													1	4	0
Southern White Rhinoceros	*Ceratotherium simum simum*	1	3	0	0	1	0										1	4	0
South American Tapir	*Tapirus terrestris*	0	1	0	1	0	0										1	1	0
Artiodactyla																			
Java Mouse-deer	Tragulus javanicus	1	1	0				1	1	0	1	1	0				1	1	0
Collared Peccary	Pecari tajacu	0	2	0							0	2	0				0	0	0
Negros Island Warty Pig	Sus cebifrons negrinus	2	0	0	1	0	0										3	0	0
Red River Hog	Potamochoerus porcus	0	0	0	1	1	0										1	1	0
Pygmy Hippopotamus	Choeropsis liberiensis	1	0	0													1	0	0
Giraffe	Giraffa camelopardalis	0	3	0							0	1	0				0	2	0
Giraffe	*Giraffa camelopardalis rothschildi*	0	4	0							0	1	0				0	3	0
Okapi	*Okapia johnstoni*	1	2	0	1	1	0	0	1	0	1	1	0				1	3	0
Dorcas Gazelle	*Gazella dorcas*	1	1	0				1	0	0							2	1	0
Lowland Anoa	*Bubalus depressicornis*	2	1	0							0	1	0	1	0	0	1	0	0
Nyala	*Tragelaphus angasii*	0	3	0							0	2	0				0	1	0
Bongo	*Tragelaphus eurycerus isaaci*	2	3	0										0	1	0	2	2	0
Sitatunga	*Tragelaphus spekii gratus*	0	3	0	1	1	0				0	1	0				1	3	0
Addax	*Addax nasomaculatus*	1	4	0							0	2	0				1	2	0
Roan Antelope	*Hippotragus equinus*	1	3	0							1	1	0				0	2	0
Scimitar-horned Oryx	*Oryx dammah*	1	6	0				0	2	0	0	1	0				1	7	0

Arabian Oryx	*Oryx leucoryx*	1	5	0							1	0	0				0	5	0
Lesser Kudu	*Tragelaphus imberbis*	1	3	0							0	1	0				1	2	0
Blesbok	*Damaliscus pygargus phillipsi*	1	3	0													1	3	0
Kirk's Dik-dik	*Madoqua kirkii*	2	0	0													2	0	0
Nile Lechwe	*Kobus megaceros*	1	2	0							0	1	0				1	1	0
Banteng	*Bos javanicus javanicus*	1	0	0	0	3	0	1	1	0							2	4	0
		82	107	0	15	13	0	6	7	0	11	24	0	7	6	0	85	97	0
TOTAL Mammals:182																			
TOTAL Mammal species at the start of 2021: 56												Overall number					203	197	83+
TOTAL Mammals species at the end of 2021: 56												(+) = groups							
Number of species held by the end of 2021: 141																			
M.F.U (sex) male, female, unknown																			
* Large group-managed species. Not every individual birth/death are recorded into ZIMS when known. This means the start and end of year figures do not reconcile.																			
Periodic census counts are taken to monitor the population, and these are recorded in ZIMS (Species 360), a global database																			
ZIMS (Species 360) - Zoological Information Management System																			