



Threatened and Endangered Species at the Saint Louis Zoo

One of the Zoo's critical functions is to provide a refuge for animal species that are at risk in the wild. **Conservation status** tells us how a particular species is faring in the wild, and various scientific organizations monitor animals' status. The Zoo follows the status system developed by IUCN, the World Conservation Union.^{*} Under this system, a species may be considered either extinct in the wild, critically endangered, endangered, threatened, near threatened, common, or status unknown.

Another source of species' conservation status is the United States Fish & Wildlife Service (USFWS). In this system, a species may be classified as either endangered or threatened. Species on the USFWS list are protected under the Endangered Species Act.

The Zoo is home to hundreds of species of threatened and endangered animals. Some of these species require special **zoo population management** practices, known as Species Survival Plans (SSPs). For a given SSP species, a network of North American zoos works together to manage all captive individuals to maintain a healthy population. Some species, rather than being managed by an SSP, are managed by Population Management Plans (PMPs); these plans provide basic population management for species that do not require the intensive management of SSPs.

When you visit the Zoo, look for these animals of conservation concern. Please note that not all animals will be on exhibit at all times.

MAMMALS

| Common name | Scientific name | Conservation status | | Zoo population management | Location at the Saint Louis Zoo |
|---------------------------------|--|-----------------------|------------|---------------------------|---------------------------------|
| | | IUCN* | USFWS | | |
| Matschie's Tree Kangaroo | <i>Dendrolagus matschiei</i> | Endangered | | SSP | Children's Zoo |
| Tammar Wallaby | <i>Macropus eugenii</i> | Common | | PMP | Antelope Yards |
| Red Kangaroo | <i>Macropus rufus</i> | Common | | PMP | Antelope Yards |
| Linne's Two-toed Sloth | <i>Choloepus didactylus</i> | Common | | PMP | Children's Zoo |
| Hoffmann's Two-toed Sloth | <i>Choloepus hoffmanni</i> | Common | | PMP | Primate House |
| Giant Anteater | <i>Myrmecophaga tridactyla</i> | Near threatened | | PMP | River's Edge |
| Southern Three-banded Armadillo | <i>Tolypeutes matacus</i> | Near threatened | | PMP | Children's Zoo |
| Black Lemur | <i>Eulemur macaco macaco</i> | Threatened | Endangered | SSP | Primate House |
| Mongoose Lemur | <i>Eulemur mongoz</i> | Threatened | Endangered | SSP | Primate House |
| Ring-tailed Lemur | <i>Lemur catta</i> | Near threatened | Endangered | SSP | Primate House |
| Red Ruffed Lemur | <i>Varecia rubra</i> | Endangered | Endangered | SSP | Primate House |
| Black and White Ruffed Lemur | <i>Varecia variegata</i> | Critically endangered | Endangered | SSP | Children's Zoo, Primate House |
| Coquerel's Sifaka | <i>Propithecus verreauxi coquereli</i> | Endangered | Endangered | PMP | Primate House |
| Goeldi's Monkey | <i>Callimico goeldii</i> | Threatened | Endangered | SSP | Primate House |
| Geoffroy's Marmoset | <i>Callithrix geoffroyi</i> | Common | | SSP | Primate House |
| Pygmy Marmoset | <i>Callithrix pygmaea</i> | Common | | PMP | Primate House |

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|--------------------------------|---|-----------------------|----------------------------|-----|------------------------------------|
| Golden-headed Lion Tamarin | <i>Leontopithecus chrysomelas</i> | Endangered | Endangered | SSP | Primate House |
| Cotton-top Tamarin | <i>Saguinus oedipus</i> | Critically endangered | Endangered | SSP | Primate House |
| Black-handed Spider Monkey | <i>Ateles geoffroyi</i> | Endangered | Endangered | SSP | Primate House |
| White-faced Saki | <i>Pithecia pithecia</i> | Common | | PMP | Primate House |
| Lion-tailed Macaque | <i>Macaca silenus</i> | Endangered | Endangered | SSP | Primate House |
| Black and White Colobus Monkey | <i>Colobus guereza</i> | Common | | SSP | Primate House |
| Western Lowland Gorilla | <i>Gorilla gorilla gorilla</i> | Critically Endangered | Endangered | SSP | Fragile Forest, Jungle of the Apes |
| Chimpanzee | <i>Pan troglodytes</i> | Endangered | Endangered | SSP | Fragile Forest, Jungle of the Apes |
| Sumatran Orangutan | <i>Pongo abelii</i> | Critically endangered | Endangered | SSP | Fragile Forest, Jungle of the Apes |
| Bush dog | <i>Speothos venaticus</i> | Near threatened | | | River's Edge |
| Fennec fox | <i>Vulpes zerda</i> | Common | | SSP | Children's Zoo |
| Red Panda | <i>Ailurus fulgens fulgens</i> | Threatened | | SSP | Currently off display |
| Malayan Sun Bear | <i>Helarctos malayanus</i> | Threatened | | SSP | Bear Bluffs |
| Spectacled Bear | <i>Tremarctos ornatus</i> | Threatened | | SSP | Bear Bluffs |
| Black Bear | <i>Ursus americanus</i> | Common | One subspecies Threatened | | Bear Bluffs |
| Grizzly Bear | <i>Ursus arctos horribilis</i> | Common | Threatened | | Bear Bluffs |
| North American River Otter | <i>Lontra canadensis</i> | Common | | PMP | Children's Zoo, Chain of Lakes |
| Slender-tailed Meerkat | <i>Suricata suricatta</i> | Common | | PMP | Children's Zoo |
| Dwarf Mongoose | <i>Helogale parvula</i> | Common | | PMP | River's Edge |
| Spotted Hyena | <i>Crocuta crocuta</i> | Common | | PMP | River's Edge |
| Cheetah | <i>Acinonyx jubatus</i> | Threatened | Endangered | SSP | River's Edge |
| Sand Cat | <i>Felis margarita margarita</i> | Near threatened | | SSP | Children's Zoo |
| Puma | <i>Puma concolor</i> | Common | Some subspecies Endangered | PMP | Big Cat Country |
| Lion | <i>Panthera leo</i> | Threatened | | SSP | Big Cat Country |
| Jaguar | <i>Panthera onca</i> | Near threatened | Endangered | SSP | Big Cat Country |
| Amur Leopard | <i>Panthera pardus orientalis</i> | Critically endangered | Endangered | PMP | Big Cat Country |
| Snow Leopard | <i>Uncia uncia</i> | Endangered | Endangered | SSP | Big Cat Country |
| Amur Tiger | <i>Panthera tigris altaica</i> | Endangered | Endangered | SSP | Big Cat Country |
| California Sea Lion | <i>Zalophus californianus californianus</i> | Common | | PMP | Sea Lion Basin |
| Asian Elephant | <i>Elephas maximus</i> | Endangered | Endangered | SSP | River's Edge |
| Somali Wild Ass | <i>Equus asinus somaliensis</i> | Critically endangered | Endangered | PMP | Antelope Yards |
| Grevy's Zebra | <i>Equus grevyi</i> | Endangered | Threatened | SSP | Antelope Yards |
| Black Rhinoceros | <i>Diceros bicornis</i> | Critically endangered | Endangered | SSP | River's Edge |
| Babirusa | <i>Babyrousa babyrussa</i> | Threatened | Endangered | SSP | Antelope Yards |

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|----------------------------|--|-------------------------|--------------|-----|--------------------------|
| Warthog | <i>Phacochoerus africanus</i> | Common | | PMP | Antelope Yards |
| Red River Hog | <i>Potamochoerus porcus</i> | Common | | PMP | River's Edge |
| Visayan Warty Pig | <i>Sus cebifrons</i> | Critically endangered | | SSP | Antelope Yards |
| Chacoan Peccary | <i>Catagonus wagneri</i> | Endangered | | SSP | Antelope Yards |
| Hippopotamus | <i>Hippopotamus amphibius</i> | Threatened | | PMP | River's Edge |
| Bactrian Camel | <i>Camelus bactrianus</i> | Critically endangered | Endangered | | Antelope Yards |
| Greater Malayan Chevrotain | <i>Tragulus napu</i> | Common | | PMP | Currently off display |
| Reticulated Giraffe | <i>Giraffa camelopardalis reticulata</i> | Subspecies not assessed | | PMP | Antelope Yards |
| Okapi | <i>Okapia johnstoni</i> | Near Threatened | | SSP | Antelope Yards |
| Cuvier's Gazelle | <i>Gazella cuvieri</i> | Endangered | Endangered | PMP | Antelope Yards |
| Mhorr Gazelle | <i>Gazella dama mhorr</i> | Critically endangered | Endangered | SSP | Antelope Yards |
| Soemmerring's Gazelle | <i>Gazella soemmerringii</i> | Threatened | | PMP | Antelope Yards |
| Speke's Gazelle | <i>Gazella spekei</i> | Endangered | | PMP | Antelope Yards |
| Gerenuk | <i>Litocranius walleri walleri</i> | Near Threatened | | PMP | Antelope Yards |
| Banteng | <i>Bos javanicus</i> | Endangered | Endangered | SSP | Antelope Yards |
| Mountain Bongo | <i>Tragelaphus eurycerus isaaci</i> | Critically endangered | | SSP | Antelope Yards |
| Lesser Kudu | <i>Tragelaphus imberbis australis</i> | Near Threatened | | PMP | Antelope Yards |
| Sichuan Takin | <i>Budorcas taxicolor tibetana</i> | Threatened | | PMP | Antelope Yards |
| Central Chinese Goral | <i>Nemorhaedus caudatus arnouxianus</i> | Threatened | | PMP | Antelope Yards |
| Transcaspian Urial | <i>Ovis orientalis arkal</i> | Threatened | | | Antelope Yards |
| Red-flanked Duiker | <i>Cephalophus rufilatus</i> | Common | | PMP | Antelope Yards |
| Addax | <i>Addax nasomaculatus</i> | Critically endangered | Endangered | SSP | Antelope Yards |
| Arabian Oryx | <i>Oryx leucoryx</i> | Endangered | Endangered | SSP | Antelope Yards |
| Chinchilla | <i>Chinchilla lanigera</i> | Critically endangered | | | Children's Zoo |
| Black-tailed Prairie Dog | <i>Cynomys ludovicianus</i> | Common | Under review | | The Wild, Children's Zoo |
| St. Vincent's Agouti | <i>Dasyprocta leporina aguti</i> | Common | | PMP | Children's Zoo |
| Capybara | <i>Hydrochaeris hydrochaeris</i> | Common | | PMP | River's Edge |

BIRDS

| Common name | Scientific name | Conservation status | | Zoo population management | Location at the Saint Louis Zoo |
|----------------------------|--|-----------------------|------------|---------------------------|---------------------------------------|
| | | IUCN* | USFWS | | |
| Stanley Crane | <i>Anthropoides paradisea</i> | Threatened | | | Antelope Yards |
| Wattled Crane | <i>Bugeranus carunculatus</i> | Threatened | | SSP | Antelope Yards |
| Sarus Crane | <i>Grus antigone</i> | Threatened | | PMP | Antelope Yards |
| White-naped Crane | <i>Grus vipio</i> | Threatened | Endangered | SSP | Bird Garden |
| Buff-crested Bustard | <i>Lophotis ruficrista</i> | Common | | PMP | Bird House |
| Tufted Puffin | <i>Fratercula cirrhata</i> | Common | | PMP | Penguin and Puffin Coast |
| Horned Puffin | <i>Fratercula corniculata</i> | Common | | PMP | Penguin and Puffin Coast |
| Great Hornbill | <i>Buceros bicornis</i> | Near Threatened | | SSP | Bird House |
| Rhinoceros Hornbill | <i>Buceros rhinoceros</i> | Near Threatened | | SSP | Bird House |
| Micronesian Kingfisher | <i>Halcyon cinnamomina cinnamomina</i> | | Endangered | SSP | Bird House - off display |
| Ostrich | <i>Struthio camelus</i> | Common | Endangered | | Antelope Yards |
| Hyacinth Macaw | <i>Anodorhynchus hyacinthinus</i> | Endangered | | PMP | Bird House |
| Rockhopper Penguin | <i>Eudyptes chrysocome</i> | Threatened | | PMP | Penguin and Puffin Coast |
| Gentoo Penguin | <i>Pygoscelis papua</i> | Near Threatened | | PMP | Penguin and Puffin Coast |
| Humboldt Penguin | <i>Spheniscus humboldti</i> | Threatened | | SSP | Penguin and Puffin Coast |
| Bali Mynah | <i>Leucopsar rothschildi</i> | Critically Endangered | Endangered | SSP | Bird House |
| Java Rice Finch | <i>Lonchura oryzivora</i> | Threatened | | | |
| Congo Peacock | <i>Afropavo congensis</i> | Threatened | | SSP | Bird House |
| Northern Bobwhite Quail | <i>Colinus virginianus</i> | Near Threatened | | | Cypress Swamp in the 1904 Flight Cage |
| Horned Guan | <i>Oreophasis derbianus</i> | Endangered | Endangered | | Bird House |
| Helmeted Curassow | <i>Crax pauxi pauxi</i> | Endangered | | PMP | Bird Garden |
| Palawan Peacock Pheasant | <i>Polyplectron emphanum</i> | Threatened | Endangered | PMP | Bird House |
| Crested Wood Partridge | <i>Rollulus roulroul</i> | Near Threatened | | | Bird House and Garden |
| Cabot's Tragopan | <i>Tragopan caboti</i> | Threatened | Endangered | | Bird House |
| Satyr Tragopan | <i>Tragopan satyra</i> | Near Threatened | | PMP | Bird Garden |
| Bleeding Heart Dove | <i>Gallicolumba luzonia</i> | Near Threatened | | PMP | Bird House |
| White-throated Ground Dove | <i>Gallicolumba xanthonura</i> | Near Threatened | | | Bird House |
| Victoria Crowned Pigeon | <i>Goura victoria</i> | Threatened | | SSP | Bird House |
| Jambu Fruit Dove | <i>Ptilinopus jambu</i> | Near Threatened | | PMP | Bird House – off display |
| Marianas Fruit Dove | <i>Ptilinopus roseicapilla</i> | Endangered | | PMP | Bird House |

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|------------------------|---------------------------------|-----------------|--------------------------------|-----|-------------|
| Cinereous Vulture | <i>Aegypius monachus</i> | Near Threatened | | SSP | Bird House |
| Bald Eagle | <i>Haliaeetus leucocephalus</i> | Common | Threatened in Southwest Region | | Bird Garden |
| Philippine Duck | <i>Anas luzonica</i> | Threatened | | | North Lake |
| Swan Goose | <i>Anser cygnoides</i> | Threatened | | | South Lake |
| Common White-eye | <i>Aythya nyroca</i> | Near Threatened | | | South Lake |
| Ne-ne | <i>Branta sandvicensis</i> | Threatened | Endangered | | Cove Lake |
| White-winged Wood Duck | <i>Cairina scutulata</i> | Endangered | Endangered | SSP | North Lake |

REPTILES

| Common name | Scientific name | Conservation status | | Zoo population management | Location at the Saint Louis Zoo |
|--------------------------------|-------------------------------------|-----------------------|---------------------------|---------------------------|---------------------------------|
| | | IUCN* | USFWS | | |
| Chinese Alligator | <i>Alligator sinensis</i> | Critically endangered | Endangered | SSP | Herpetarium |
| Yacare Caiman | <i>Caiman yacare</i> | Common | Threatened | | Herpetarium |
| Cuban Crocodile | <i>Crocodylus rhombifer</i> | Critically endangered | Endangered | SSP | Herpetarium |
| False Gharial | <i>Tomistoma schlegelii</i> | Endangered | Endangered | PMP | Herpetarium |
| Fiji Banded Iguana | <i>Brachylophus fasciatus</i> | Endangered | Endangered | PMP | Herpetarium |
| Armadillo Girdle-tailed Lizard | <i>Cordylus cataphractus</i> | Threatened | | | Herpetarium |
| Rhinoceros Iguana | <i>Cyclura cornuta</i> | Threatened | | PMP | Herpetarium |
| Haitian Giant Galliwasp | <i>Diploglossus warreni</i> | Critically endangered | | | Herpetarium |
| Mexican Beaded Lizard | <i>Heloderma horridum horridum</i> | Common | | PMP | Herpetarium |
| Banded Gila Monster | <i>Heloderma suspectum cinctum</i> | Threatened | | | Herpetarium |
| Banded Day Gecko | <i>Phelsuma standingi</i> | Threatened | | PMP | Herpetarium |
| Komodo Dragon | <i>Varanus komodoensis</i> | Threatened | Endangered | SSP | Herpetarium |
| Madagascar Ground Boa | <i>Acrantophis madagascariensis</i> | Threatened | | SSP | Herpetarium |
| Dumeril's Boa | <i>Boa dumerili</i> | Threatened | | SSP | Herpetarium, Children's Zoo |
| Aruba Island Rattlesnake | <i>Crotalus unicolor</i> | Critically Endangered | Threatened | SSP | Herpetarium |
| Ridgenosed Rattlesnake | <i>Crotalus willardi</i> | Common | Threatened | PMP | Herpetarium |
| Jamaican Boa | <i>Epicrates subflavus</i> | Threatened | Endangered | PMP | Herpetarium |
| Bolkar Viper | <i>Montivipera bulgardaghica</i> | Critically Endangered | | | Herpetarium |
| Armenian Viper | <i>Montivipera raddei</i> | | | PMP | Herpetarium |
| Ocellate Mountain Viper | <i>Montivipera wagneri</i> | Endangered | | PMP | Herpetarium |
| Northern Watersnake | <i>Nerodia sipedon</i> | Common | One subspecies Threatened | | Herpetarium |
| Madagascar Tree Boa | <i>Sanzinia madagascariensis</i> | Threatened | | | Herpetarium |
| Mang Mountain Pitviper | <i>Trimeresurus mangshanensis</i> | Threatened | | | Herpetarium |
| Anatolian Viper | <i>Vipera albizona</i> | Endangered | | | Herpetarium |
| Hermon Mountain Viper | <i>Vipera bornmuelleri</i> | Endangered | | | Herpetarium |
| Caucasus Viper | <i>Vipera kaznakovi</i> | Endangered | | | Herpetarium |

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| Lataste's Viper | <i>Vipera latasti gaditana</i> | Near Threatened | | | Herpetarium |
| Tuatara | <i>Sphenodon punctatus</i> | Common | Endangered | | Herpetarium |
| Pig-nosed Turtle | <i>Carettochelys insculpta</i> | Threatened | | | Herpetarium |
| Narrow-headed Softshelled Turtle | <i>Chitra chitra</i> | Critically Endangered | | | Herpetarium |
| Spotted Turtle | <i>Clemmys guttata</i> | Threatened | | | Herpetarium |
| McCord's Box Turtle | <i>Cuora mccordi</i> | Critically Endangered | | PMP | Herpetarium |
| Central American River Turtle | <i>Dermatemys mawii</i> | Critically Endangered | Endangered | | Herpetarium |
| South American Yellow-foot Tortoise | <i>Geochelone denticulata</i> | Threatened | | | Herpetarium |
| Aldabra Tortoise | <i>Geochelone gigantea</i> | Threatened | | | Herpetarium |
| Galapagos Tortoise | <i>Geochelone nigra</i> | Threatened | Endangered | PMP | Herpetarium |
| Radiated Tortoise | <i>Geochelone radiata</i> | Critically Endangered | Endangered | SSP | Herpetarium |
| Gopher Tortoise | <i>Gopherus polyphemus</i> | Threatened | Threatened | | Herpetarium |
| Arakan Forest Turtle | <i>Heosemys depressa</i> | Critically Endangered | | | Herpetarium |
| Asian Giant Pond Turtle | <i>Heosemys grandis</i> | Threatened | | | Herpetarium |
| Yellow-headed Temple Turtle | <i>Hieremys annandalii</i> | Endangered | | | Herpetarium |
| Cape Speckled Padloper Tortoise | <i>Homopus signatus signatus</i> | Near Threatened | | | Herpetarium |
| Elongated Tortoise | <i>Indotestudo elongata</i> | Endangered | | | Herpetarium |
| Alligator Snapping Turtle | <i>Macrolemys temminckii</i> | Threatened | | | Chain of Lakes, Living World, Herpetarium |
| African Pancake Tortoise | <i>Malacochersus tornieri</i> | Threatened | | PMP | Herpetarium |
| Vietnamese Big-headed Turtle | <i>Platysternon megacephalum shiui</i> | Endangered | | | Herpetarium |
| Arrau Turtle | <i>Podocnemis expansa</i> | Near Threatened | | | Herpetarium |
| Yellow-spotted Amazon River Turtle | <i>Podocnemis unifilis</i> | Threatened | Endangered | | Herpetarium |
| Northern Spider Tortoise | <i>Pyxis arachnoides brygooi</i> | Critically Endangered | | PMP | Herpetarium |
| Box Turtle | <i>Terrapene carolina</i> | Near Threatened | | | Children's Zoo, Herpetarium |
| Balkan Hermann's Tortoise | <i>Testudo hermanni hermanni</i> | Endangered | | | Herpetarium |
| Egyptian Tortoise | <i>Testudo kleinmanni</i> | Critically Endangered | | PMP | Herpetarium |
| Yellow-bellied Slider | <i>Trachemys scripta scripta</i> | Near Threatened | | | Herpetarium |

AMPHIBIANS

| Common name | Scientific name | Conservation status | | Zoo population management | Location at the Saint Louis Zoo |
|---------------------------|-------------------------------------|-----------------------|---------------------------|---------------------------|---------------------------------|
| | | IUCN* | USFWS | | |
| Panamanian Golden Frog | <i>Atelopus zeteki</i> | Critically Endangered | Endangered | PMP | Herpetarium |
| Wyoming Toad | <i>Bufo baxteri</i> | Extinct in the wild | Endangered | SSP | Herpetarium |
| Mountain Chicken | <i>Leptodactylus fallax</i> | Critically Endangered | | | Herpetarium |
| Golden Mantella | <i>Mantella aurantiaca</i> | Critically Endangered | | PMP | Herpetarium, Living World |
| Bernhard's Mantella | <i>Mantella bernhardi</i> | Endangered | | | Herpetarium |
| Splendid Mantella | <i>Mantella pulchra</i> | Threatened | | | Children's Zoo |
| Puerto Rican Crested Toad | <i>Peltophryne lemur</i> | Critically Endangered | Threatened | SSP | Herpetarium |
| Tiger Salamander | <i>Ambystoma tigrinum</i> | Common | One subspecies Endangered | | Children's Zoo |
| Chinese Giant Salamander | <i>Andrias davidianus</i> | Critically Endangered | Endangered | | Herpetarium |
| Hellbender | <i>Cryptobranchus alleganiensis</i> | Near Threatened | | | Herpetarium |
| Alligator Newt | <i>Echinotriton andersoni</i> | Endangered | | | Herpetarium |
| Iberian Ribbed Newt | <i>Pleurodeles waltl</i> | Near Threatened | | | Children's Zoo, Herpetarium |
| Emperor Newt | <i>Tylototriton shanjing</i> | Near Threatened | | PMP | Herpetarium |

INVERTEBRATES

| Common name | Scientific name | Conservation status | | Zoo population management | Location at the Saint Louis Zoo |
|-------------------------|------------------------------------|-----------------------|------------|---------------------------|---------------------------------|
| | | IUCN* | USFWS | | |
| Partula Snails | <i>Partula nodosa, P. taeniata</i> | Extinct in the Wild | | SSP | Insectarium |
| Mexican Red-knee | <i>Brachypelma smithi</i> | Near Threatened | | PMP | Insectarium |
| American Burying Beetle | <i>Nicrophorus americanus</i> | Critically Endangered | Endangered | SSP | Insectarium |

* For the sake of clarity, the Saint Louis Zoo has changed the name of some of IUCN's status categories. We use the term Threatened instead of the IUCN term Vulnerable, Common instead of the IUCN term Least Concern, and Unknown instead of the IUCN terms Data Deficient or Not Evaluated.