**Endangered species**



**Conservation Status**



**-Many factors are taken into account when assessing the conservation status of a species, including statistics such as the number remaining, the overall increase or decrease in the population over time, breeding success rates, known threats, and so on. The IUCN Red List of Threatened Species is the best-known worldwide conservation status listing and ranking system.**

**-It has been estimated that over 40% of all living species on Earth are at risk of going extinct. Internationally, 199 countries have signed an accord agreeing to create**



**Biodiversity Action Plans**

* **Extinct**: Examples: [Atlas bear](http://en.wikipedia.org/wiki/Atlas_bear), [Aurochs](http://en.wikipedia.org/wiki/Aurochs), [Bali Tiger](http://en.wikipedia.org/wiki/Bali_Tiger), [Blackfin Cisco](http://en.wikipedia.org/wiki/Blackfin_Cisco), [Caribbean Monk Seal](http://en.wikipedia.org/wiki/Caribbean_Monk_Seal), [Carolina Parakeet](http://en.wikipedia.org/wiki/Carolina_Parakeet), [Caspian Tiger](http://en.wikipedia.org/wiki/Caspian_Tiger), [Dinosaurs](http://en.wikipedia.org/wiki/Dinosaurs), [Dodo](http://en.wikipedia.org/wiki/Dodo), [Dusky Seaside Sparrow](http://en.wikipedia.org/wiki/Dusky_Seaside_Sparrow), [Elephant Bird](http://en.wikipedia.org/wiki/Elephant_Bird), [Golden Toad](http://en.wikipedia.org/wiki/Golden_Toad), [Great Auk](http://en.wikipedia.org/wiki/Great_Auk), [Haast's Eagle](http://en.wikipedia.org/wiki/Haast%27s_Eagle), [Japanese Sea Lion](http://en.wikipedia.org/wiki/Japanese_Sea_Lion), [Javan Tiger](http://en.wikipedia.org/wiki/Javan_Tiger), [Labrador Duck](http://en.wikipedia.org/wiki/Labrador_Duck), [Moa](http://en.wikipedia.org/wiki/Moa), [Passenger Pigeon](http://en.wikipedia.org/wiki/Passenger_Pigeon), [Pterosaurs](http://en.wikipedia.org/wiki/Pterosaurs), [Saber-toothed cat](http://en.wikipedia.org/wiki/Saber-toothed_cat), [Short-faced bear](http://en.wikipedia.org/wiki/Short-faced_bear), [Steller's Sea Cow](http://en.wikipedia.org/wiki/Steller%27s_Sea_Cow), [Thylacine](http://en.wikipedia.org/wiki/Thylacine), [Toolache Wallaby](http://en.wikipedia.org/wiki/Toolache_Wallaby), [Western Black Rhinoceros](http://en.wikipedia.org/wiki/Western_Black_Rhinoceros), [Woolly Mammoth](http://en.wikipedia.org/wiki/Woolly_Mammoth), [Woolly Rhinoceros](http://en.wikipedia.org/wiki/Woolly_Rhinoceros).
* **Extinct in the wild**: captive individuals survive, but there is no free-living, natural population. Examples: [Barbary Lion](http://en.wikipedia.org/wiki/Barbary_Lion) (maybe [extinct](http://en.wikipedia.org/wiki/Extinct)), [Catarina Pupfish](http://en.wikipedia.org/wiki/Megupsilon_aporus), [Hawaiian Crow](http://en.wikipedia.org/wiki/Hawaiian_Crow), [Northern White Rhinoceros](http://en.wikipedia.org/wiki/Northern_White_Rhinoceros), [Scimitar Oryx](http://en.wikipedia.org/wiki/Scimitar_Oryx), [Socorro Dove](http://en.wikipedia.org/wiki/Socorro_Dove), [Wyoming Toad](http://en.wikipedia.org/wiki/Wyoming_Toad)
* **Critically endangered**: faces an extremely high risk of [extinction](http://en.wikipedia.org/wiki/Extinction) in the immediate future. Examples: [Addax](http://en.wikipedia.org/wiki/Addax), [African Wild Ass](http://en.wikipedia.org/wiki/African_Wild_Ass), [Alabama Cavefish](http://en.wikipedia.org/wiki/Alabama_Cavefish), [Amur Leopard](http://en.wikipedia.org/wiki/Amur_Leopard), [Arakan Forest Turtle](http://en.wikipedia.org/wiki/Arakan_Forest_Turtle), [Asiatic Cheetah](http://en.wikipedia.org/wiki/Asiatic_Cheetah), [Axolotl](http://en.wikipedia.org/wiki/Axolotl), [Bactrian Camel](http://en.wikipedia.org/wiki/Bactrian_Camel), [Brazilian Merganser](http://en.wikipedia.org/wiki/Brazilian_Merganser), [Brown Spider Monkey](http://en.wikipedia.org/wiki/Brown_Spider_Monkey), [California Condor](http://en.wikipedia.org/wiki/California_Condor), [Chinese Alligator](http://en.wikipedia.org/wiki/Chinese_Alligator), [Chinese Giant Salamander](http://en.wikipedia.org/wiki/Chinese_Giant_Salamander), [Ethiopian Wolf](http://en.wikipedia.org/wiki/Ethiopian_Wolf), [Gharial](http://en.wikipedia.org/wiki/Gharial), [Hawaiian Monk Seal](http://en.wikipedia.org/wiki/Hawaiian_Monk_Seal), [Hispid Hare](http://en.wikipedia.org/wiki/Hispid_Hare), [Iberian Lynx](http://en.wikipedia.org/wiki/Iberian_Lynx), [Island Fox](http://en.wikipedia.org/wiki/Island_Fox), [Javan Rhino](http://en.wikipedia.org/wiki/Javan_Rhino), [Kakapo](http://en.wikipedia.org/wiki/Kakapo), [Leatherback Sea Turtle](http://en.wikipedia.org/wiki/Leatherback_Sea_Turtle), [Mediterranean Monk Seal](http://en.wikipedia.org/wiki/Mediterranean_Monk_Seal), [Mexican Wolf](http://en.wikipedia.org/wiki/Mexican_Wolf), [Mountain Gorilla](http://en.wikipedia.org/wiki/Mountain_Gorilla), [Philippine Eagle](http://en.wikipedia.org/wiki/Philippine_Eagle), [Red Wolf](http://en.wikipedia.org/wiki/Red_Wolf), [Saiga](http://en.wikipedia.org/wiki/Saiga), [Siamese Crocodile](http://en.wikipedia.org/wiki/Siamese_Crocodile), [Spix's Macaw](http://en.wikipedia.org/wiki/Spix%27s_Macaw), [Southern bluefin tuna](http://en.wikipedia.org/wiki/Southern_bluefin_tuna), [Sumatran Orangutan](http://en.wikipedia.org/wiki/Sumatran_Orangutan), [Sumatran Rhinoceros](http://en.wikipedia.org/wiki/Sumatran_Rhinoceros), [Takhi](http://en.wikipedia.org/wiki/Takhi), [Vaquita](http://en.wikipedia.org/wiki/Vaquita)
* **Endangered**: faces a very high risk of extinction in the near future. Examples: [African Penguin](http://en.wikipedia.org/wiki/African_Penguin), [African Wild Dog](http://en.wikipedia.org/wiki/African_Wild_Dog), [Asian Elephant](http://en.wikipedia.org/wiki/Asian_Elephant), [Asiatic Lion](http://en.wikipedia.org/wiki/Asiatic_Lion), [Blue Whale](http://en.wikipedia.org/wiki/Blue_Whale), [Bonobo](http://en.wikipedia.org/wiki/Bonobo), [Bornean Orangutan](http://en.wikipedia.org/wiki/Bornean_Orangutan), [Chimpanzees](http://en.wikipedia.org/wiki/Chimpanzees), [Dhole](http://en.wikipedia.org/wiki/Dhole), [Giant Otter](http://en.wikipedia.org/wiki/Giant_Otter), [Giant Panda](http://en.wikipedia.org/wiki/Giant_Panda), [Goliath Frog](http://en.wikipedia.org/wiki/Goliath_Frog), [Gorillas](http://en.wikipedia.org/wiki/Gorillas), [Green Sea Turtle](http://en.wikipedia.org/wiki/Green_Sea_Turtle), [Grevy's Zebra](http://en.wikipedia.org/wiki/Grevy%27s_Zebra), [Hyacinth Macaw](http://en.wikipedia.org/wiki/Hyacinth_Macaw), [Japanese Crane](http://en.wikipedia.org/wiki/Japanese_Crane), [Lear's Macaw](http://en.wikipedia.org/wiki/Lear%27s_Macaw), [Malayan Tapir](http://en.wikipedia.org/wiki/Malayan_Tapir), [Markhor](http://en.wikipedia.org/wiki/Markhor), [Persian Leopard](http://en.wikipedia.org/wiki/Persian_Leopard), [Proboscis Monkey](http://en.wikipedia.org/wiki/Proboscis_Monkey), [Pygmy Hippopotamus](http://en.wikipedia.org/wiki/Pygmy_Hippopotamus), [Red-breasted Goose](http://en.wikipedia.org/wiki/Red-breasted_Goose), [Rothschild Giraffe](http://en.wikipedia.org/wiki/Rothschild_Giraffe), [Snow Leopard](http://en.wikipedia.org/wiki/Snow_Leopard), [Steller's Sea Lion](http://en.wikipedia.org/wiki/Steller%27s_Sea_Lion), [Scopas tang](http://en.wikipedia.org/wiki/Scopas_tang), [Tiger](http://en.wikipedia.org/wiki/Tiger), [Vietnamese Pheasant](http://en.wikipedia.org/wiki/Vietnamese_Pheasant), [Volcano Rabbit](http://en.wikipedia.org/wiki/Volcano_Rabbit), [Wild Water Buffalo](http://en.wikipedia.org/wiki/Wild_Water_Buffalo)
* **Vulnerable**: faces a high risk of extinction in the medium-term. Examples: [African Elephant](http://en.wikipedia.org/wiki/African_Elephant), [American paddlefish](http://en.wikipedia.org/wiki/American_paddlefish), [Clouded Leopard](http://en.wikipedia.org/wiki/Clouded_Leopard), [Cheetah](http://en.wikipedia.org/wiki/Cheetah), [Dugong](http://en.wikipedia.org/wiki/Dugong), [Far Eastern Curlew](http://en.wikipedia.org/wiki/Far_Eastern_Curlew), [Fossa](http://en.wikipedia.org/wiki/Fossa_(animal)), [Galapagos Tortoise](http://en.wikipedia.org/wiki/Galapagos_Tortoise), [Gaur](http://en.wikipedia.org/wiki/Gaur), [Blue-eyed cockatoo](http://en.wikipedia.org/wiki/Blue-eyed_cockatoo), [Golden Hamster](http://en.wikipedia.org/wiki/Golden_Hamster), [Whale Shark](http://en.wikipedia.org/wiki/Whale_Shark), [Crowned Crane](http://en.wikipedia.org/wiki/Grey_Crowned_Crane), [Hippopotamus](http://en.wikipedia.org/wiki/Hippopotamus), [Humboldt Penguin](http://en.wikipedia.org/wiki/Humboldt_Penguin), [Indian Rhinoceros](http://en.wikipedia.org/wiki/Indian_Rhinoceros), [Komodo Dragon](http://en.wikipedia.org/wiki/Komodo_Dragon), [Lesser White-fronted Goose](http://en.wikipedia.org/wiki/Lesser_White-fronted_Goose), [Lion](http://en.wikipedia.org/wiki/Lion), [Mandrill](http://en.wikipedia.org/wiki/Mandrill), [Maned Sloth](http://en.wikipedia.org/wiki/Maned_Sloth), [Mountain Zebra](http://en.wikipedia.org/wiki/Mountain_Zebra), [Polar Bear](http://en.wikipedia.org/wiki/Polar_Bear), [Red Panda](http://en.wikipedia.org/wiki/Red_Panda), [Sloth Bear](http://en.wikipedia.org/wiki/Sloth_Bear), [Takin](http://en.wikipedia.org/wiki/Takin), [Yak](http://en.wikipedia.org/wiki/Yak)
* **Near threatened**: may be considered threatened in the near future. Examples: [African Grey Parrot](http://en.wikipedia.org/wiki/African_Grey_Parrot), [American Bison](http://en.wikipedia.org/wiki/American_Bison), [starry blenny](http://en.wikipedia.org/wiki/Starry_blenny), [Asian Golden Cat](http://en.wikipedia.org/wiki/Asian_Golden_Cat), [Blue-billed Duck](http://en.wikipedia.org/wiki/Blue-billed_Duck), [Emperor Goose](http://en.wikipedia.org/wiki/Emperor_Goose), [Eurasian Curlew](http://en.wikipedia.org/wiki/Eurasian_Curlew), [Jaguar](http://en.wikipedia.org/wiki/Jaguar), [Leopard](http://en.wikipedia.org/wiki/Leopard), [Magellanic Penguin](http://en.wikipedia.org/wiki/Magellanic_Penguin), [Maned Wolf](http://en.wikipedia.org/wiki/Maned_Wolf), [Narwhal](http://en.wikipedia.org/wiki/Narwhal), [Okapi](http://en.wikipedia.org/wiki/Okapi), [Solitary Eagle](http://en.wikipedia.org/wiki/Solitary_Eagle), [Southern White Rhinoceros](http://en.wikipedia.org/wiki/Southern_White_Rhinoceros), [Striped Hyena](http://en.wikipedia.org/wiki/Striped_Hyena), [Tiger Shark](http://en.wikipedia.org/wiki/Tiger_Shark), [White Eared Pheasant](http://en.wikipedia.org/wiki/White_Eared_Pheasant)
* **Least concern**: no immediate threat to the survival of the species. Examples: [American Alligator](http://en.wikipedia.org/wiki/American_Alligator), [American Crow](http://en.wikipedia.org/wiki/American_Crow), [Indian Peafowl](http://en.wikipedia.org/wiki/Indian_Peafowl), [Baboon](http://en.wikipedia.org/wiki/Baboon), [Bald Eagle](http://en.wikipedia.org/wiki/Bald_Eagle), [Brown Bear](http://en.wikipedia.org/wiki/Brown_Bear), [Brown Rat](http://en.wikipedia.org/wiki/Brown_Rat), [Brown-throated sloth](http://en.wikipedia.org/wiki/Brown-throated_sloth), [Canada Goose](http://en.wikipedia.org/wiki/Canada_Goose), [Cane Toad](http://en.wikipedia.org/wiki/Cane_Toad), [Common Wood Pigeon](http://en.wikipedia.org/wiki/Common_Wood_Pigeon), [Cougar](http://en.wikipedia.org/wiki/Cougar), [Emperor Penguin](http://en.wikipedia.org/wiki/Emperor_Penguin), [Common Frog](http://en.wikipedia.org/wiki/Common_Frog), [Orca](http://en.wikipedia.org/wiki/Orca), [Giraffe](http://en.wikipedia.org/wiki/Giraffe), [Grey Wolf](http://en.wikipedia.org/wiki/Grey_Wolf), [House Mouse](http://en.wikipedia.org/wiki/House_Mouse),[[5]](http://en.wikipedia.org/wiki/Endangered_species#cite_note-iucn-4) [Palm cockatoo](http://en.wikipedia.org/wiki/Palm_cockatoo), [cowfish](http://en.wikipedia.org/wiki/Cowfish), [Mallard](http://en.wikipedia.org/wiki/Mallard), [Meerkat](http://en.wikipedia.org/wiki/Meerkat), [Mute Swan](http://en.wikipedia.org/wiki/Mute_Swan), [Platypus](http://en.wikipedia.org/wiki/Platypus), [Red-billed Quelea](http://en.wikipedia.org/wiki/Red-billed_Quelea), [Red-tailed Hawk](http://en.wikipedia.org/wiki/Red-tailed_Hawk), [Rock Pigeon](http://en.wikipedia.org/wiki/Rock_Pigeon), [Scarlet Macaw](http://en.wikipedia.org/wiki/Scarlet_Macaw), [Southern Elephant Seal](http://en.wikipedia.org/wiki/Southern_Elephant_Seal), [Milk shark](http://en.wikipedia.org/wiki/Milk_shark), [Red howler monkey](http://en.wikipedia.org/wiki/Red_howler_monkey)

**-Another problem with the listing species is its effect of inciting the use of the "shoot, shovel, and shut-up" method of clearing endangered species from an area of land. Some landowners currently may perceive a diminution in value for their land after finding an endangered animal on it. They have allegedly opted to silently kill and bury the animals or destroy habitat, thus removing the problem from their land, but at the same time further reducing the population of an endangered species. The effectiveness of the Endangered Species Act, which coined the term "endangered species", has been questioned by business advocacy groups and their publications, but is nevertheless widely recognized as an effective recovery tool by wildlife scientists who work with the species. Nineteen species have been delisted and recovered and 93% of listed species in the northeastern United States have a recovering or stable population.**

**Climate change**



**Impact on biodiversity and endangered species**

**-Habitat loss**

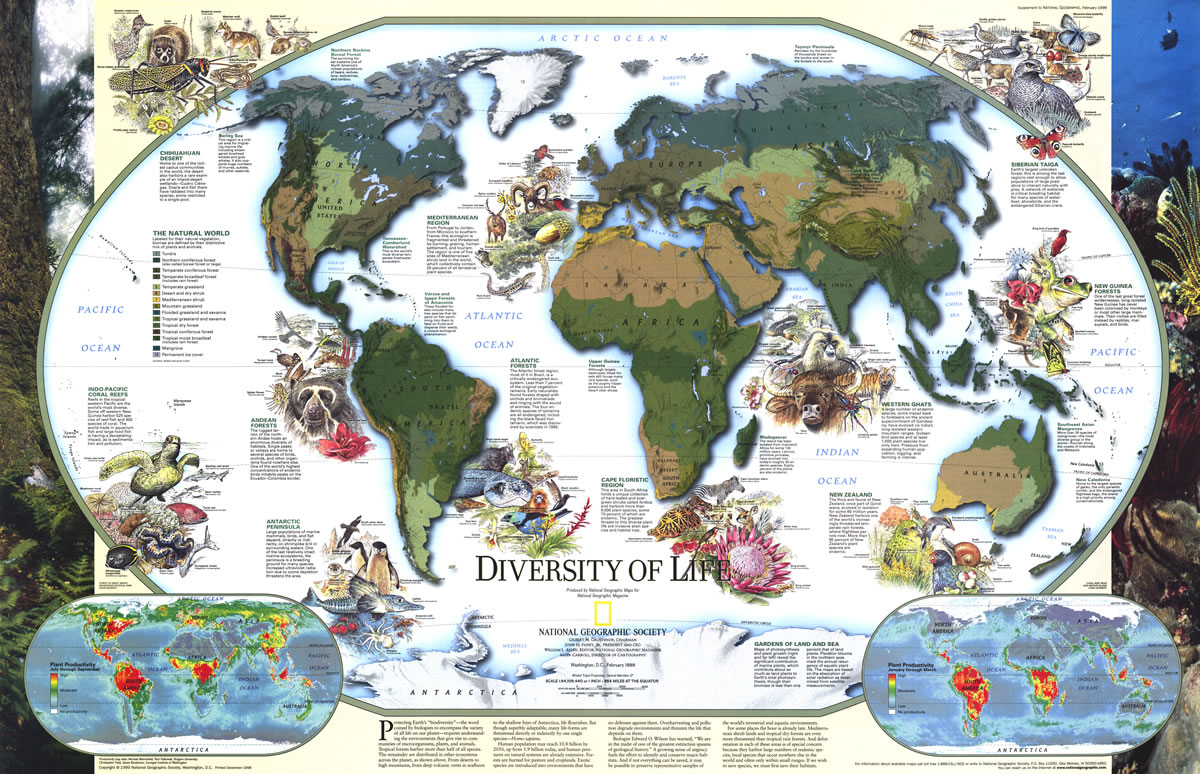


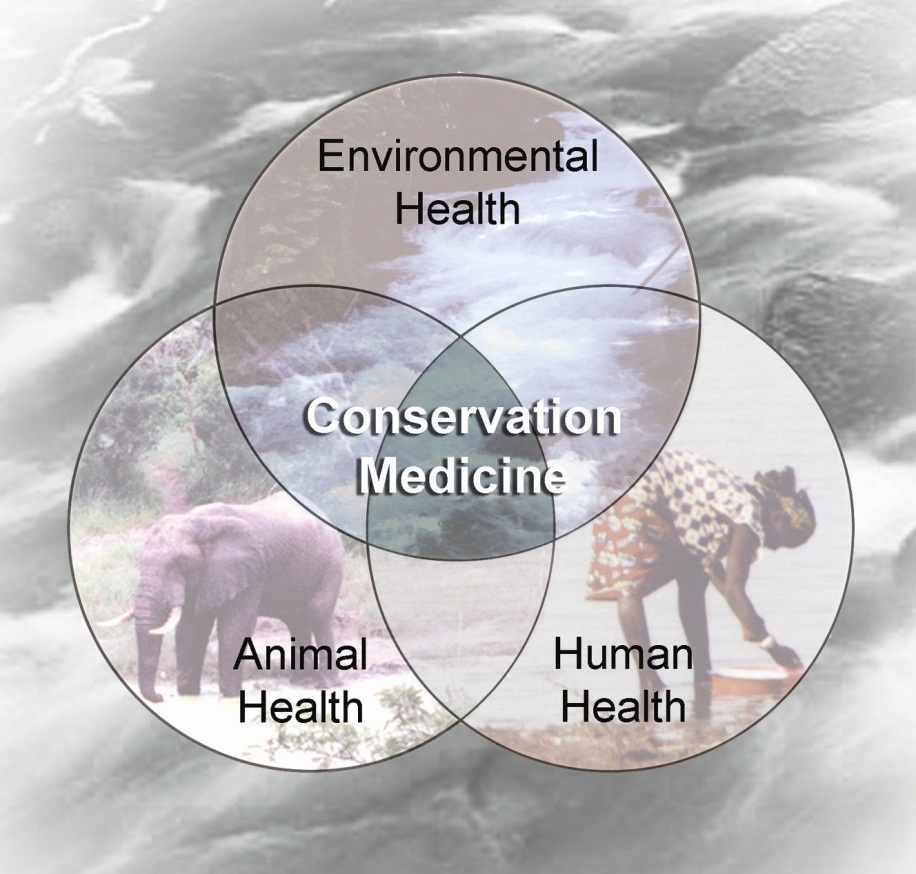


**-Humans have an impact on the species and their environment. As human use of resources, energy, and space intensified over the past few centuries, the diversity of life has been substantially diminished in most parts of the world**

**-Humans also set standards for which species they think should be saved and which species they find unimportant or undesirable. For example, the coquí frog, an invasive species in Hawaii, is so common there that its "nocturnal singing" reduces the value of homes and prevents hotels from using rooms near forests. Hawaiians have proposed eliminating the frog, and several wildlife managers want to release a pathogen to kill the frogs (Minteer & Collins, 2005, p. 333). The frog has decreased the value of homes and caused a loss of business for several hotels, so the Hawaiians decided it was acceptable to get rid of the group of coquí frog living near them**

**Importance of maintaining species**





**Conservation**



**Captive breeding**



**Private farming**

**-There are increasingly strong economic incentives attached to looking after rhinos rather than simply poaching: from eco-tourism or selling them on for a profit. So many owners are keeping them secure. The private sector has been key to helping our work.**