

Sign up---Endangered animal groups



Issues effecting Species

- habitat loss fragmentation/Deforestation
- Pesticides/pollution
- Poaching and Illegal wildlife trade-
economically valuable
- Negative public image/predator
eradication programs
- Climate change

Important Characteristics

- **Range:**
 - size, habitat, geographic location
 - proximity to development etc.
- **Reproductive requirements:**
 - parental investment, # of young, average life span, age of maturity, length of gestation period
- **Behavior:**
 - secretive? Gregarious? Migration?
- **Food :**
 - limited? Carnivore or herbivore?
- **Position in food chain:**
 - apex predator? Keystone species? Herbivore? Carnivore? omnivore

Nepal's success



Nepal--tigers, rhinos and elephants

- No poaching for 365 days straight 2011 and 2014 – 2016 (2 years)
- Highest levels of government are committed— cooperation with India and China
- Supported by World Wildlife Fund
- 10 national parks 3 reserves 6 conservation areas --- 23% of country
- 16 districts handed over 1/3 of countries forest to local communities to manage
- Community-based anti-poaching units
- Educating and empowering the youth of the villages to influence the community as stewards of the forest—eco club
- Use of Nepalese celebrities as spokes people

1. thylacine



Important characteristics:

- shy-unable to breed in captivity, little was known
- solitary predators, nocturnal
- low birth rate and limited lifespan
- opportunistic carnivore- sheep

Reasons for extinction:

- livestock predation extermination program
- Very little known about its natural history/behavior
- reputation as bloodthirsty killers.

Recommendations:

- Extensive **field** research
- media campaign/ re-education program-- ecology
- political protest to stop extermination program
- preservation of habitat
Possible relocation?
- predator/ prey fund
- guard dogs for livestock

resources

- World wildlife fund
- National Wildlife Federation
- African Wildlife Federation
- Wolf conservation center

Monarchs

- <http://www.ecowatch.com/monarch-butterflies-mexico-1992151640.html>
- https://www.worldwildlife.org/publications/forest-degradation-in-the-core-zone-of-the-monarch-butterfly-biosphere-reserve-2015-2016?autologin=true&link=txt2&utm_campaign=food&utm_medium=email&utm_source=advocacy-alert&utm_content=160830-aecd

Grey Wolves

- <http://cheetah.org/blog/livestock-guarding-dogs-protect-cheetahs-wolves/>
- <http://www.nature.com/news/rethinking-predators-legend-of-the-wolf-1.14841>

African Elephant

- <http://www.ecowatch.com/paul-allen-elephant-census-1993894628.html>
- http://wwf.panda.org/who_we_are/wwf_offices/cameroon/index.cfm?uProjectID=9F0725

Vaquita dolphin

- <http://news.nationalgeographic.com/news/2014/08/140813-vaquita-gulf-california-mexico-totoaba-gillnetting-china-baiji/>
- <http://wakingtimesmedia.com/mexican-government-stands-solidarity-sea-shepherd-save-nearly-extinct-vaquita-dolphin/>

Lehmann's poison frog

- <https://www.theguardian.com/environment/2011/nov/16/amphibians-terrifying-extinction-threat>
- <http://www.tropical-rainforest-animals.com/Tropical-Frogs.html>
- <http://www.tropical-rainforest-animals.com/Amphibian-Conservation.html>

Polar bear

- https://www.ecowatch.com/polar-bears-prey-2530812738.html?utm_source=EcoWatch+List&utm_campaign=9ef44ac95d-EMAIL_CAMPAIGN&utm_medium=email&utm_term=0_49c7d43dc9-9ef44ac95d-86043425