

ASSIGNMENT

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Contents

I.	Introduction	4
II.	Information & References	4
A.	Main page.....	5
B.	Exhibit pages	5
1.	Oceanarium	5
a)	Facts.....	5
b)	Species.....	6
(1)	Common Clownfish	6
(2)	Red Lionfish	6
(3)	Common Starfish.....	6
(4)	Tasmanian Giant Crab	7
(5)	Tiger tail seahorse.....	7
(6)	Common Octopus	7
(7)	Pacific Sea Nettle	8
(8)	Great white Shark.....	8
(9)	Reef Manta Ray	8
(10)	White-Spotted Pufferfish	9
(11)	Snowflake moray.....	9
c)	References	9
2.	Birds' Paradise.....	10
a)	Facts.....	10
b)	Birds.	10
(1)	American Flamingo	10
(2)	Southern Cassowary	10
(3)	Mute Swan	11
(4)	Blue Peacock	11
(5)	Eurasian Eagle-Owl.....	11
(6)	Yellow-Throated Toucan	11
(7)	Keel-billed Toucan.....	12
(8)	Golden Eagle.....	12

(9)	African Fish Eagle	13
(10)	Palm Cockatoo.....	13
(11)	Blue-and-Yellow Macaw.....	13
(12)	Rufous hummingbird	14
c)	References	14
3.	Primate Kingdom	14
a)	Facts.....	14
b)	Primates	15
(1)	Ring-Tailed Lemur.....	15
(2)	Red slender loris	15
(3)	Garnett's Greater Galago	15
(4)	Hamadryas Baboon.....	16
(5)	Chimpanzee	16
(6)	Bornean Orangutan.....	16
(7)	Eastern Gorilla.....	17
(8)	Western Gorilla.....	17
c)	References	17
4.	Mammal World.....	18
a)	Facts.....	18
b)	Mammals	18
(1)	African Bush Elephant.....	18
(2)	Siberian Tiger	18
(3)	Southern Lion	18
(4)	White Rhinoceros	19
(5)	Hippopotamus	19
(6)	Grant's Zebra	19
(7)	Asian Black Bear	20
(8)	Cheetah.....	20
(9)	Spotted Deer	20
(10)	Arabian Camel	21
(11)	Masai Giraffe.....	21

c)	References	21
5.	RepTopia	22
a)	Facts.....	22
b)	Reptiles.....	22
(1)	Green Forest Lizard	22
(2)	Veiled Chameleon	22
(3)	Green Iguana	23
(4)	Freshwater Crocodile	23
(5)	Saltwater Crocodile	23
(6)	Nile Crocodile	24
(7)	Indian Star Tortoise	24
(8)	Galápagos Tortoise	25
(9)	Nothern Green Anaconda	25
(10)	King Cobra	25
(11)	Green Vine Snake.....	26
c)	References	26

I. Introduction

Project Title: - Zoo Website

Description: - I wanted to make something simple and also I love animals. So I decided to create a zoo website including different types of animals in different habitats around the world. It includes images and information about each animal using HTML and CSS. So, this website is for those who are interested in animals' life. And also for those who can't visit a zoo at the moment.

II. Information & References

Here are the information that I added to the website.

A. Main page

Welcome to the virtual Zoo!

Discover the wildlife around the world online.

Our exhibits

- Oceanarium
 - Birds' Paradise
 - Primate Kingdom
 - Mammal World
 - RepTopia
-

About us

Welcome to the Virtual Zoo!

Wanna visit the zoo, but can't go to the zoo in the moment?

Don't worry. Discover amazing animals online.

Currently we have five exhibits. They are Oceanarium, Birds' Paradise, Primates Kingdom, Mammals world and RepTopia.

You can visit our exhibits and gain some knowledge about them.

Our mission

Our zoo aims to educate visitors about animals in different exhibits.

Contact us Form

B. Exhibit pages

1. Oceanarium

a) *Facts*

- The ocean offers around 90% of planet's living space.

- From shallow shores to deep ocean floors, it provides habitats for countless species.
- There are lots of wonderful species in the ocean.
 - Molluscs – Octopuses, oysters, mussels...
 - Crustaceans – Crabs, lobsters, shrimps...
 - Mammals – Dolphins, whales, manatees...
 - & many more.
- Many ocean animals use camouflage to blend in with their surroundings.

b) *Species*

(1) Common Clownfish

- Scientific name: *Amphiprion ocellaris*
- Native Habitat: Endemic to the warmer water of Indian ocean, red sea, Pacific Ocean, Great barrier reef, Southeast Asia.
- Features: Stocky appearance & oval shaped. Orange color with 3 white bands outlined with black.
- Size: About 11 cm in length.
- Lifespan: Around 6-10 years
- Diet: Algae, zooplankton, copepods.
- Behavior: Has a symbiotic relationship with sea anemones; highly territorial & exhibit playful behaviors.
- Breeding: Females lay eggs on flat surfaces near their host anemone; males guard and cares the eggs until they hatch.
- Conservation Status: Least concern

(2) Red Lionfish

- Scientific name: *Pterois volitans*
- Native Habitat: Native to Indo-Pacific region.
- Features: Clad in white stripes alternated with red, maroon or brown stripes.
- Size: About 47 cm length.
- Lifespan: Around 10 years
- Diet: Small fish, insects.
- Behavior: Generally solitary; ambush predators.
- Breeding: Can lay up to 30,000 eggs; Females release eggs into water which fertilized externally.
- Conservation Status: Least Concern

(3) Common Starfish

- Scientific name: *Asterias rubens*

- Native Habitat: Native to north-east Atlantic Ocean.
- Features: Orange or brownish in color; have 5 arms.
- Size: Generally, can grow up to 10-30 cm across.
- Lifespan: Around 7-8 years
- Diet: Bivalve molluscs, polychaete worms, barnacles, gastropod molluscs, other echinoderms
- Behavior: Move towards light.
- Breeding: Produce 2.5 million eggs; Females release eggs to water, males shed sperms and fertilisation takes place in the water.
- Conservation Status: Least Concern

(4) Tasmanian Giant Crab

- Scientific name: *Pseudocarcinus gigas*
- Native Habitat: Native to Southern Australia; Found on rocky & muddy bottoms in the oceans.
- Features: Mainly light-yellow below & red above; small ones have red spots above.
- Size: Generally, 46 cm body width.
- Lifespan: About 20-30 years.
- Diet: Carrion, slow-moving species.
- Behavior: Can be appears in 10-18 C temperature; long-lived & slow-growing.
- Breeding: Females carry 0.5-2 million eggs for 4 months.

(5) Tiger tail seahorse

- Scientific name: *Hippocampus comes*
- Native Habitat: Native to Western Central Pacific; Found in subtidal aquatic beds, coral reefs.
- Features: Alternating yellow and black pattern; doesn't has scales.
- Size: Maximum size 18.7 cm.
- Lifespan: Around 1.5 years.
- Diet: Small fish, coral, small shrimp, plankton.
- Behavior: Swim upright, rather than horizontally.
- Breeding: Males carry eggs in a brood pouch on their chest that holds about 2000 eggs; pregnancy period is 1-4 weeks.
- Conservation Status: Vulnerable

(6) Common Octopus

- Scientific name: *Octopus vulgaris*
- Native Habitat: Range from eastern Atlantic to southern coast of South Africa; prefer shallow, rocky coastal waters.

- Features: Bulbous head; Large eyes; Eight long flexible arms lined with suckers.
- Size: Grow up to 10 inches in mantle length; with arms up to 1 m long.
- Lifespan: Generally, 1-5 years.
- Diet: Crabs, fish, molluscs.
- Behavior: An intelligent species.
- Breeding: Females lay thousands of eggs & guards until hatching.
- Conservation Status: Least Concern

(7) Pacific Sea Nettle

- Scientific name: *Chrysaora fuscescens*
- Native Habitat: Lives in northeastern Pacific Ocean.
- Features: Golden-brown bell with reddish tint; whitish oral arms.
- Size: The bell can grow up to 0.5-1 m long; oral arms may trail about 4.6 m behind the nettle.
- Lifespan: Generally, 6-12 months.
- Diet: Zooplankton, crustaceans, salps, pelagic snails, small fish, other jelly fish.
- Behavior: Swim using jet propulsion; Use light sensing organs called ocelli.
- Breeding: Capable for both sexual and asexual reproduction.
- Conservation Status: Vulnerable

(8) Great white Shark

- Scientific name: *Carcharodon carcharias*
- Native Habitat: Lives in all coastal and offshore waters that have water temperature 12-24 C.
- Features: Torpedo-shaped body; sharp teeth.
- Size: Around 3-5 m length.
- Lifespan: More than 70 years
- Diet: Fish, cetaceans, pinnipeds, squid, sea turtles, sea otters, seabirds.
- Behavior: Tend to separate & regroup when hunting.
- Breeding: Pregnancy period 11 months.
- Conservation Status: Vulnerable

(9) Reef Manta Ray

- Scientific name: *Mobula alfredi*
- Native Habitat: Found in tropical and subtropical Indo-Pacific region.
- Features: Dorsoventrally flattened & large triangular fins; midnight blue in color with scattered whitish –greyish areas on head.
- Size: Can grow up to 3-5 m.
- Lifespan: About 50 years
- Diet: Zooplankton

- Behavior: May escape an attack by leaving it with a part of the wing missing.
- Conservation Status: Vulnerable

(10) White-Spotted Pufferfish

- Scientific name: *Arothron hispidus*
- Native Habitat: Lives in Indo-Pacific region, red sea; found in reefs, lagoons, estuaries, tidepools.
- Features: Greyish or yellowish color and covered with white spots.
- Size: Around 50 cm length.
- Diet: Coralline algae, molluscs, tunicates, sponges, corals, crabs, urchins, etc.
- Behavior: Nocturnal & solitary; territorial.
- Conservation Status: Least Concern

(11) Snowflake moray

- Scientific name: *Echidna nebulosa*
- Native Habitat: Lives in Indo-Pacific region, central pacific are. found in seagrass beds, rocky shallows, reef flats, tide pools.
- Features: Blunt white snout, yellowish, brown & black striped pattern.
- Size: Around 0.5-1 m length.
- Lifespan: About 15 years.
- Diet: Crustaceans, Starfish, sea urchins.
- Behavior: Poor eye sight.
- Conservation Status: Least Concern

c) References

https://en.wikipedia.org/wiki/Ocellaris_clownfish

https://en.wikipedia.org/wiki/Red_lionfish

https://en.wikipedia.org/wiki/Common_starfish

https://en.wikipedia.org/wiki/Tasmanian_giant_crab

https://en.wikipedia.org/wiki/Tiger_tail_seahorse

https://en.wikipedia.org/wiki/Common_octopus

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https://en.wikipedia.org/wiki/Great_white_shark

https://en.wikipedia.org/wiki/Reef_manta_ray

https://en.wikipedia.org/wiki/White-spotted_puffer

2. Birds' Paradise

a) *Facts*

- Birds have feathers covering their bodies. But some doesn't have.
- They lay eggs to reproduce.
- Most of birds can fly using their wings.
- Birds have lightweight bones that help them fly.
- Birds do have tongues

b) *Birds.*

(1) American Flamingo

- Scientific name: *Phoenicopterus ruber*
- Native Habitat: Coastal lagoons, mudflats, and estuaries in the Caribbean, parts of South America, and the Galapagos Islands.
- Features: Reddish-pink plumage, long legs and curved neck and a specialized beak to filtering food from water.
- Size: Stands about 1.2-1.5 m tall; Weighs about 2.2-2.8 kg.
- Lifespan: In the wild, can live up to 40 years.
- Diet: Algae, brine flies, and small crustaceans.
- Behavior: Highly social, usually found in large flocks
- Breeding: Mud mounds are used to build nests; typically lays 1 egg, both parents brood.
- Conservation Status: Least concern

(2) Southern Cassowary

- Scientific name: *Casuarius casuarius*
- Native Habitat: Northeastern Australia, New Guinea, and nearby islands; rainforests, tropical forests, and thick undergrowth.
- Features: Large, flightless bird with blue-and-black plumage; noticeable casque and red wattles.
- Size: Height 1.5-2 m; Maximum weight 58 kg.
- Lifespan: In the wild, can live up to 20-40 years.
- Diet: Fruits, seeds, fungi and small animals.
- Behavior: Generally, behaves alone; when threatened can run as fast as 50 km/h.
- Breeding: Males keep eggs and care for chicks, generally 3-6 per clutch.
- Conservation Status: Least concern

(3) Mute Swan

- Scientific name: *Cygnus olor*
- Native Habitat: Native to North America, Europe, and some regions of Asia.
- Features: Elegant long neck, white plumage and a black-bordered orange beak.
- Size: Can grow to a length of over 1.5 m; weighs 8-15 kg.
- Lifespan: 10-20 years in the wild.
- Diet: Aquatic plants, grasses and small crustaceans.
- Behavior: Friendly, usually in pairs or family groups, aggressive during nesting.
- Breeding: Nest near water, 4-8 eggs per clutch, both parents incubate.
- Conservation Status: Least concern

(4) Blue Peacock

- Scientific name: *Pavo cristatus*
- Native Habitat: Originally from the Indian subcontinent, it is frequently found in fields, forests, and grasslands.
- Features: Males are vibrant blue plumage and extravagant tail feathers with eye spots. Females are typically brown and tan.
- Size: Males are about 2 m in length; females are smaller.
- Lifespan: In the wild, 15-20 years.
- Diet: Seeds, fruits, insects and small animals.
- Behavior: Social, usually in small groups, males fan out their tail feathers to attract females.
- Breeding: Males may mate with multiple females; Females lay 3-6 eggs.
- Conservation Status: Least concern

(5) Eurasian Eagle-Owl

- Scientific name: *Bubo bubo*
- Native Habitat: Found in forests, mountains, and open spaces, mostly in Europe, Asia, and certain portions of North Africa.
- Features: Large, with orange eyes, noticeable ear tufts, and mottled brown and gray feathers.
- Size: Wingspan of 1.6-1.9 m; weighs 1.5-4.2 kg.
- Lifespan: Can live up to 20 years in the wild.
- Diet: Small mammals, birds and reptiles.
- Behavior: Alone; distinguished by strong wingspan and distinctive hooting calls.
- Breeding: Females lay 1-4 eggs, kept by both parents.
- Conservation Status: Least concern

(6) Yellow-Throated Toucan

- Scientific name: *Ramphastos ambiguus*

- Native Habitat: Found in tropical rainforests and semi-open areas of Central America.
- Features: Striking yellow throat and chest, black body and a large colorful bill.
- Size: 50-60 cm in length; the bill is about 15 cm.
- Lifespan: In the wild, around 15-20 years.
- Diet: Fruits, insects and small animals.
- Behavior: Social; typically observed in pairs or small groups; known for their loud calls and playful interactions.
- Breeding: Nest in tree cavities; females lay 2-4 eggs, keeps by both parents.
- Conservation Status: Nearly Threatened

(7) Keel-billed Toucan

- Scientific name: *Ramphastos sulfuratus*
- Native Habitat: Found in tropical rainforests and semi-open areas of Central America.
- Features: Striking colorful bill; black body, white throat and red under the tail.
- Size: 50-60 cm in length; the bill is about 19 cm.
- Lifespan: Around 15-20 years in the wild.
- Diet: Fruits, insects and small animals.
- Behavior: Social; Lives in small groups; known for their loud calls and playful interactions.
- Breeding: Nest in tree cavities; Females lay 2-4 eggs, incubated by both parents.
- Conservation Status: Nearly Threatened

(8) Golden Eagle

- Scientific name: *Aquila chrysaetos*
- Native Habitat: Found in a range of environments in North America, Europe, and Asia, including as mountains, forests, and open spaces.
- Features: Long wings, lighter golden-brown feathers on the back of its head and neck, and dark brown plumage.
- Size: 66-102 cm in length; wingspan ranges from 1.8-2.3 m.
- Lifespan: Around 20 years in the wild.
- Diet: Small to medium sized mammals, birds.
- Behavior: Alone and found in pairs; have impressive hunting skills.
- Breeding: Builds large nests on cliffs or tall trees; lays 1-4 eggs.
- Conservation Status: Least concern

(9) African Fish Eagle

- Scientific name: *Haliaeetus vocifer*
- Native Habitat: Found in sub-Saharan Africa, near huge area of open water, including lakes, rivers and marshes.
- Features: A bright white head and tail, a dark brown body, and a yellow beak; striking black-and-white feathers.
- Size: 65-75 cm in length; wingspan ranges from 1.8-2.2 m.
- Lifespan: In the wild, around 20 years.
- Diet: Fish, birds and mammals.
- Behavior: Social, gather in groups; frequently observed sitting next to bodies of water.
- Breeding: Builds large nests on tall trees near water; lays 1-3 eggs.
- Conservation Status: Least concern

(10) Palm Cockatoo

- Scientific name: *Probosciger aterrimus*
- Native Habitat: Found in rainforests of New Guinea, nearby islands, and parts of Northern Australia.
- Features: Striking black plumage, distinctive red cheek patch and noticeable crest that can be raised; long tail and a strong curved beak.
- Size: 48-55 cm in length.
- Lifespan: Around 40 years or more in captivity.
- Diet: Seeds, fruits, nuts.
- Behavior: Usually behaves alone or in pairs; known for its intelligence and ability to use tools like using sticks to drum on trees.
- Breeding: Nests in tree hollows; usually lays 1-2 eggs.
- Conservation Status: Near Threatened

(11) Blue-and-Yellow Macaw

- Scientific name: *Ara ararauna*
- Native Habitat: Found in tropical rainforests of South America, particularly in countries like Brazil, Bolivia and Paraguay.
- Features: Vibrant blue feathers on the back and wings, bright yellow underparts and a green crown; large curved beak.
- Size: 76-86 cm in length.
- Lifespan: Around 50 years or more in captivity.
- Diet: Seeds, fruits, nuts, flowers, leaves
- Behavior: Highly social and intelligent; form strong bonds with their mates; have a playful nature and vocalizations.
- Breeding: Nests in tree hollows; usually lays 2-3 eggs.
- Conservation Status: Least Concern

(12) Rufous hummingbird

- Scientific name: *Selasphorus rufus*
 - Native Habitat: Found in Western North America, Alaska, Mexico; often in woodlands, gardens, meadows.
 - Features: Males have iridescent orange-red plumage with vibrant throat that can appear bright red or orange; Females are greenish with more muted colors.
 - Size: 7.5-9 cm in length.
 - Lifespan: Around 3-5 years.
 - Diet: Nectar from flowers, consumes small insects and spiders for protein.
 - Behavior: Aggressive, especially during breeding season; skilled flyers; capable of rapid, agile movements.
 - Breeding: Females build nest in sheltered areas like trees or shrubs and lay 2 eggs.
 - Conservation Status: Least Concern
-

c) References

https://en.wikipedia.org/wiki/Common_ostrich

https://en.wikipedia.org/wiki/American_flamingo

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https://en.wikipedia.org/wiki/Blue-and-yellow_macaw

https://en.wikipedia.org/wiki/Rufous_hummingbird

3. Primate Kingdom

a) Facts

- Primates are known for their large brains and advanced social behaviors.
- Most of primates have flexible limbs and grasping hands or feet.
- Many primates are omnivores, eating both plants and animals.

- They often live in groups, which helps them to care of each other.

b) *Primates*

(1) Ring-Tailed Lemur

- Scientific name: *Lemur catta*
- Native Habitat: Native to Madagascar; dry forests and scrublands.
- Features: Black-&-white ringed tail; grayish-brown body with facial markings; large expressive eyes.
- Size: Tall about 40-50 cm; with tail 60cm.
- Lifespan: About 18-20 years.
- Diet: Fruits, leaves, flowers, barks.
- Behavior: Highly social; lives in troops.
- Breeding: Females give birth to 1-2 after a pregnancy period of 135 days.
- Conservation Status: Endangered

(2) Red slender loris

- Scientific name: *Loris tardigradus*
- Native Habitat: Native to Sri Lanka; rainforests.
- Features: Soft dense fur with reddish-brown color on back & underside is whiteish-gray.
- Size: About 18-25 cm in body length.
- Lifespan: Around 15-18 years in wild.
- Diet: Insects, bird eggs, berries, leaves, buds, geckos, lizards.
- Behavior: Small social groups
- Breeding: Pregnancy period is about 167 days.
- Conservation Status: Endangered

(3) Garnett's Greater Galago

- Scientific name: *Otolemur garnetti*
- Native Habitat: Native to coastal regions of east Africa; scrub forests and grasslands.
- Features: Small ears relative to the round head with a wide snout; large eyes.
- Size: 23-24 cm in tall; tail length 31-44 cm.
- Lifespan: Around 15 years.
- Diet: Fruits, insects.
- Behavior: Solitary, live in their home range marking by urine.
- Breeding: Pregnancy period is about 130 days.
- Conservation Status: Least Concern

(4) Hamadryas Baboon

- Scientific name: *Papio hamadryas*
- Native Habitat: Native to the horn of Africa, southwestern region of Arabian Peninsula; in rocky area, savannas.
- Features: Long flowing mane, hairless face; Males are grayish-brown in color, Females are smaller and lighter.
- Size: Males- 80 cm body length, Females- 40-45 cm body length; tail length 40-60 cm.
- Lifespan: Around 30 years
- Diet: Fruits, leaves, seeds; sometimes small insects, animals.
- Behavior: Lives in small groups called one-male units or bands which means a huge group.
- Breeding: Breeds aseasonally; females do parenting most of time.
- Conservation Status: Least Concern

(5) Chimpanzee

- Scientific name: *Pan troglodytes*
- Native Habitat: Native to tropical Africa; forests, savannas.
- Features: Covered with coarse black hair; face, fingers, toes, palms, soles are bare.
- Size: About 150 cm standing height.
- Lifespan: Usually less than 15 years, but may live longer rarely.
- Diet: Fruits, leaves, leaf buds, seeds, blossoms, stems, bark; honey, insects, birds, bird eggs, small mammals.
- Behavior: Lives in groups range from 15-150 members.
- Breeding: Pregnancy period is 8 months.
- Conservation Status: Endangered

(6) Bornean Orangutan

- Scientific name: *Pongo pygmaeus*
- Native Habitat: Native to the rainforests of Borneo; lowland tropical forests, peat swamp forests, mountain forests.
- Features: Long, shaggy reddish-brown hair, large bodies and arms.
- Size: About 1-1.7 m standing height.
- Lifespan: Around 35-45 years
- Diet: Fruits, leaves, seeds, bark, soil; honey, insects, bird eggs, spider webs, fungi.
- Behavior: More solitary than other similar species, house like nest-building.
- Breeding: Pregnancy period is 8.5 months.
- Conservation Status: Critically Endangered

(7) Eastern Gorilla

- Scientific name: Gorilla beringei
- Native Habitat: Native to Eastern Congo, Southwestern Uganda & Rwanda; mountain rainforests, subalpine forests.
- Features: Large head, broad chest, long arms; mainly black fur; Face, palms, soles, breast are bald. Males have silver hair on their backs.
- Size: About 1.5-1.8 m standing height.
- Lifespan: Around 35 years
- Diet: Fruits, leaves, stems, seeds, flowers.
- Behavior: Live in stable, cohesive family groups; chest beating.
- Breeding: Pregnancy period is 8.5 months.
- Conservation Status: Critically Endangered

(8) Western Gorilla

- Scientific name: Gorilla gorilla
- Native Habitat: Native to region of Midwest Africa.
- Features: Generally lighter colored than eastern gorillas; black, dark grey or dark brown grey hair with a brownish forehead.
- Size: About 1.6-1.8 m standing height.
- Lifespan: Around 40 years
- Diet: Leaves, stems, fruits, piths, flowers, bark, insects, soil.
- Behavior: Lives in groups with 2-20 members.
- Breeding: Females transfer to another group before breeding. Have a long pregnancy period.
- Conservation Status: Critically Endangered

c) References

https://en.wikipedia.org/wiki/Ring-tailed_lemur

https://en.wikipedia.org/wiki/Red_slender_loris

https://en.wikipedia.org/wiki/Northern_greater_galago

https://en.wikipedia.org/wiki/Hamadryas_baboon

<https://en.wikipedia.org/wiki/Chimpanzee>

https://en.wikipedia.org/wiki/Bornean_orangutan

https://en.wikipedia.org/wiki/Eastern_gorilla

https://en.wikipedia.org/wiki/Western_gorilla

4. Mammal World

a) *Facts*

- Mammals are warm-blooded animals.
- Female mammals produce milk to feed their babies.
- Most mammals give birth to live young.
- They have hair or fur on their bodies.
- Mammals have complex brains.

b) *Mammals*

(1) African Bush Elephant

- Scientific name: *Loxodonta africana*
- Native Habitat: Native to sub-Saharan Africa; found in savannas, forests, grasslands, woodlands, wetlands.
- Features: Pointed, triangular, large ears; large trunk; huge tusks; grey skin with scanty hairs.
- Size: About 3-4 m standing height; females are smaller.
- Lifespan: Around 25-40 years; Can live up to 70 years.
- Diet: Grasses, leaves, fruits, barks.
- Behavior: Highly social; travelling in herds.
- Breeding: Pregnancy period 22 months; typically, females give birth to a single calf.
- Conservation Status: Endangered

(2) Siberian Tiger

- Scientific name: *Panthera tigris tigris*
- Native Habitat: Native to Russian Far East, Northeast China, North Korea.
- Features: Reddish-rusty or rusty-yellow in color fur with black transverse stripes; underbelly is lighter in color. Each tiger's stripe pattern is unique.
- Size: Body length is more than 1.5 m.
- Lifespan: Around 10-15 years.
- Diet: Large preys such as musk deer, moose, wild boar; small preys such as hares, rabbits, pikas, salmon.
- Behavior: Nocturnal & territorial.
- Breeding: Pregnancy period 3-3.5 months; Give birth to 2-6 cubs.
- Conservation Status: Endangered

(3) Southern Lion

- Scientific name: *Panthera leo melanochaita*
- Native Habitat: Native to Southern and East Africa.

- Features: Fur color varies from light buff to dark brown; round ears; black tail tuft.
- Size: Head-to-body length 2.5-2.9 m.
- Lifespan: Around 12-25 years.
- Diet: Large preys such as giraffe, cape buffalo, antelope, zebra.
- Behavior: Hunts in groups.
- Breeding: Gives birth 2-3 cubs.
- Conservation Status: Vulnerable

(4) White Rhinoceros

- Scientific name: *Ceratotherium simum*
- Native Habitat: Native to Southern Africa; Savannas, grasslands.
- Features: Color varies from yellowish-brown to slate grey; noticeable hump on the back of its neck; have horns on snout.
- Size: Head-to-body length 3.7-4 m.
- Lifespan: Around 40-50 years.
- Diet: Grass.
- Behavior: More social than other rhino species; Most are solitary, sometimes seen in groups.
- Breeding: Pregnancy period is 16 months; Give birth to a single calf.
- Conservation Status: Nearly threatened

(5) Hippopotamus

- Scientific name: *Hippopotamus amphibius*
- Native Habitat: Inhabit in rivers, lakes, mangrove swamps.
- Features: Barrel-shaped torso; wide-opening mouths with large canine tusks; nearly hairless Greyish-brown body; short legs.
- Size: Around 3-4 m in length.
- Lifespan: Around 40-50 years.
- Diet: Grasses, Vegetation.
- Behavior: Social animals live in group called pods; During the day, remain cool by staying in water or mud; quite aggressive if threatened.
- Breeding: Pregnancy period about 8 months; Give birth to a single calf.
- Conservation Status: Vulnerable

(6) Grant's Zebra

- Scientific name: *Equus quagga boehmi*
- Native Habitat: Prefers savanna, woodlands, grasslands.
- Features: Vertically striped in front, horizontally on back legs, diagonally on rump and hind flanks.
- Size: Grow up to about 1.8- 2.5 m in length; 1.2-1.4 m standing height.

- Lifespan: Generally, 20 years.
- Diet: Grasses, leaves, barks, shrubs.
- Behavior: Highly social.
- Breeding: Pregnancy period 360-395 days; Gives birth to a single foal.
- Conservation Status: Nearly Threatened

(7) Asian Black Bear

- Scientific name: *Ursus thibetanus*
- Native Habitat: Native to the northern parts of Indian subcontinent, Mainland southeast Asia; deciduous forests, mixed forests, thornbush forests.
- Features: Black fur, a light brown muzzle; a distinct whitish or creamy patch on the chest; bell-shaped ears; short tail.
- Size: About 1.2-1.7 m in length.
- Lifespan: Average of 25 years.
- Diet: Insects, eggs, garbage, mushrooms, honey, grasses, barks, roots, fruits, nuts, seeds.
- Behavior: Active during day time; good climbers.
- Breeding: Pregnancy period is 200-240 days.
- Conservation Status: Vulnerable

(8) Cheetah

- Scientific name: *Acinonyx jubatus*
- Native Habitat: Native to Africa; grasslands, savannas, open woodlands.
- Features: Aerodynamic body, long thin legs, long tail; distinctive black spots on a tan coat.
- Size: Head-to-body length 1.1-1.5 m.
- Lifespan: Around 8-10 years.
- Diet: Small to medium preys weighing under 40kg mostly.
- Behavior: Active during the day; fastest land animal.
- Breeding: Breed throughout the year; pregnancy period nearly 3 months.
- Conservation Status: Vulnerable

(9) Spotted Deer

- Scientific name: *Axis axis*
- Native Habitat: Native to Indian subcontinent; grasslands, open woodlands.
- Features: Reddish-brown coat with white spots.
- Size: Head-to-body length around 1.7 m.
- Lifespan: Around 5-10 years in wild.
- Diet: Grasses, herbs, shrubs, foliage, fruits, forbs.
- Behavior: Active throughout the day.

- Breeding: Breed throughout the year; female can conceive again 2-16 weeks after the birth.
- Conservation Status: Least Concern

(10) Arabian Camel

- Scientific name: *Camelus dromedarius*
- Native Habitat: In hot, arid regions of northern Africa, the near east, western & central Asia.
- Features: Curved neck; narrow chest; a single hump; long hairs on throat, shoulders & hump; the coat is generally a shade of brown.
- Size: Standing height about 1.7-2.4 m.
- Lifespan: Around 40 years in captivity.
- Diet: Grasses, desert vegetation- thorny plants, dwarf shrubs.
- Behavior: Freely roam through the day, rest in the night.
- Breeding: Atypical seasonal breeders; After pregnancy period of 15 months, gives birth.
- Conservation Status: Least Concern

(11) Masai Giraffe

- Scientific name: *Giraffa tippelskirchi*
- Native Habitat: Native to East Africa; savannas, grasslands, open woodlands.
- Features: Jagged & irregular reddish-brown spots on body.
- Size: Grows up to 5.5 m in height.
- Lifespan: Around 30 years.
- Diet: Leaves, fruits, flowers.
- Behavior: Social; Often seen in loose herds.
- Breeding: Pregnancy period is about 15 months; gives birth to a single calf.
- Conservation Status: Endangered

c) References

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5. RepTopia

a) *Facts*

- Reptiles have scaly skin that helps prevent water loss.
- They are cold-blooded animals. Their body temperature depends on the environment.
- Most reptiles lay eggs, but some give birth to young.
- Some reptiles can regrow their lost tails.
- Some reptiles like chameleons, can change their camouflage.

b) *Reptiles*

(1) Green Forest Lizard

- Scientific Name: *Calotes calotes*
- Native Habitat: Western Ghats, India and Sri Lanka.
- Size: Grows to 50-65 cm in long, including the tail.
- Features: Large head, concave forehead, swollen cheeks, sharp canthus rostralis.
- Scales: Its back has smooth or slightly rough scales, with large belly scales.
- Diet: Mainly eats insects and small invertebrates.
- Behavior: Active during day and often seen basking in the sun.
- Breeding: Mates in warmer months; females lay eggs.
- Conservation Status: Least Concern

(2) Veiled Chameleon

- Scientific name: *Chamaeleo calyptrotus*
- Native habitat: South-western Arabian Peninsula. Prefers warm temperatures.
- Features: Has a casque on the head. Males are brighter while females usually muted.

- Size: Male is 43–61 cm long; female is about 35cm with thicker body.
- Life span: Females live typically around 5years; males live around 8 years.
- Diet: Mainly insects, but also some plants.
- Behavior: Change color based on their mood. Males display bright colors to attract females.
- Breeding: Lays up to 85 eggs several times a year and eggs take about 60-75 days to hatch.
- Conservation status: Least Concern

(3) Green Iguana

- Scientific name: *Iguana iguana*
- Native habitat: Native to Central and South America, as well as the Caribbean; commonly found in rainforests, near rivers.
- Features: Has vibrant green color, long tail, and distinctive dewlap. Also has sharp claws for climbing.
- Size: Grows upto 1.2-1.7 m in length.
- Lifespan: Typically live around 15 to 20 years.
- Diet: Mainly eats leaves, flowers, and fruit, requires high calcium.
- Behavior: Generally living in trees and social; Can change color slightly based on their mood & environment.
- Breeding: Lays eggs around 20-70; hatch after about 60-90 days.
- Conservation status: Least Concern

(4) Freshwater Crocodile

- Scientific name: *Crocodylus johnstoni*
- Native habitat: Native to the northern regions of Australia; lives in freshwater wetlands, billabongs, rivers, and creeks.
- Features: Smaller than saltwater crocodiles; Light brown with darker bands on the body and tail.
- Size: Generally grows upto 3-4 m in length.
- Lifespan: Can live over 70 years in wild.
- Diet: Eats fish, amphibians, and small mammals mostly.
- Behavior: Mostly solitary and territorial; prefers to bask on riverbanks and is less aggressive than saltwater crocodiles.
- Breeding: Nesting occurs in the dry season; females lay around 20 to 30 eggs, which they guard until hatching.
- Conservation status: Least Concern

(5) Saltwater Crocodile

- Scientific name: *Crocodylus porosus*

- Native Habitat: Found across Southeast Asia, Australia and Pacific Islands, in coastal areas, estuaries and rivers.
- Features: Armored body, broad snout, and powerful jaws; typically have an olive green to brown with lighter undersides.
- Size: Generally, 6-7 m long.
- Lifespan: Around 70-100 years
- Diet: Fish, birds, mammals and other reptiles
- Behavior: Aggressive, known for their powerful bite & ambush hunting techniques.
- Breeding: Builds a nest by vegetation and lays 20-60 eggs; guard fiercely until hatched.
- Conservation Status: Least Concern

(6) Nile Crocodile

- Scientific name: *Crocodylus niloticus*
- Native Habitat: Found in sub-Saharan Africa, in freshwater habitats.
- Features: Large reptile with a robust body, long snout, and powerful jaws; typically have a dark green or brown color with lighter undersides.
- Size: Generally, 3-4 m long.
- Lifespan: Around 50-70 years
- Diet: Fish, birds, mammals.
- Behavior: Semi-aquatic and highly territorial, known for their stealthy hunting techniques.
- Breeding: Females builds nest on lands and lays 25-80 eggs; guard fiercely until hatched.
- Conservation Status: Least Concern

(7) Indian Star Tortoise

- Scientific name: *Geochelone elegans*
- Native Habitat: Native to dry regions of India, Pakistan, Sri Lanka; scrub forests and grasslands.
- Features: Striking star patterned shell with yellow and black marks.
- Size: Generally, can grow up to 10 inches long.
- Lifespan: Around 50 years
- Diet: Grasses, fallen fruit, leaves of succulent parts.
- Behavior: Generally solitary, slow in movement and quite shy.
- Breeding: Females dig a nest and lay 1-10 eggs and cover again with sands; eggs have to incubate 50-180 days.
- Conservation Status: Vulnerable

(8) Galápagos Tortoise

- Scientific name: *Chelonoidis niger*
- Native Habitat: Native to Galápagos; arid lowlands and humid highlands.
- Features: The largest living tortoise species; dome-shaped shells, short necks and larger on islands with humid highlands; or saddle-backed shells, long necks and smaller on islands with dry lowlands.
- Size: Generally, can grow up to 1.2 m long.
- Lifespan: Over 100 years in wild
- Diet: Grasses, fruits, leaves, cacti.
- Behavior: Generally solitary, slow-moving.
- Breeding: Females dig a nest and lay up to 16 eggs.
- Conservation Status: Vulnerable

(9) Northern Green Anaconda

- Scientific name: *Eunectes akayima*
- Native Habitat: Native to South-America; swamps, marshes and slow-moving rivers.
- Features: Thick muscular body, dark green coloration with lighter green and yellow patterns.
- Size: Generally, can grow up to 6.3 m long.
- Lifespan: Up to 10-30 years.
- Diet: Fish, birds, mammals, other reptiles.
- Behavior: Semi-aquatic; non-venomous; excellent swimmers and ambush predators.
- Breeding: Females give birth to live young; usually 20-40 babies.
- Conservation Status: Vulnerable

(10) King Cobra

- Scientific name: *Ophiophagus hannah*
- Native Habitat: Native to Indian subcontinent.
- Features: Diversified coloration across the habitats; black with white strips or brownish grey.
- Size: Average of 3-5 m long.
- Lifespan: About 20 years
- Diet: Other snakes, lizards, birds, small vegetables.
- Behavior: Hunts during the day, but also seen at night rarely.
- Breeding: Females pregnant for 50-59 days; nests in the base of trees; lay 7-43 eggs.
- Conservation Status: Vulnerable

(11) Green Vine Snake

- Scientific name: *Oxybelis fulgidus*
- Native Habitat: Native to Central America & Northern-South America; found in tropical forests.
- Features: Pointy head with a large mouth, long & green tongue; bright green and yellow color.
- Size: About 2cm thick; 1.5-2 m long.
- Lifespan: About 9-15 years in captive.
- Diet: Small animals, lizards, frogs, birds.
- Behavior: Mostly stays on tree branches awaiting the preys.
- Breeding: Females lay 6-10 eggs; incubated for around 100 days.
- Conservation Status: Least Concern

c) References

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