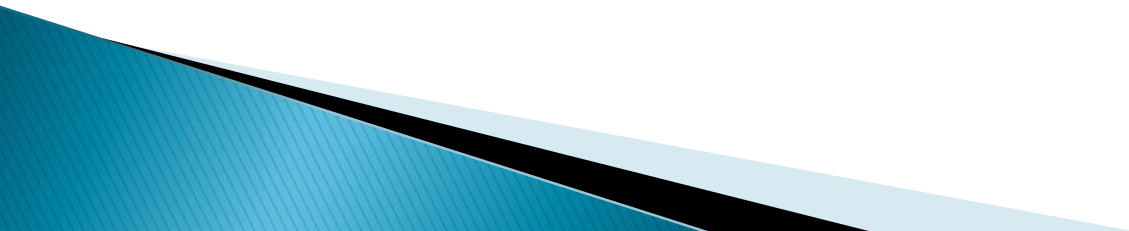


# Wild animal medicine

Order : Carnivora

Family : Canidae

Egyptian Wolf



# Egyptian Wolf

## ▶ Conservation status

Critically Endangered

## ▶ Taxonomy

Kingdom : Animalia

Phylum : Chordata

Class : Mammalia

Order : Carnivora

Family : Canidae

Genus : Canis

Species : *Canis .anthus*

Subspecies : *C. a. lupaster*

# Physical Description

- ▶ The Egyptian wolf differs from Senegalese wolf by its heavier build, wider head, thicker Fur, Longer legs, more rounded ears and shorter tail.
- ▶ The fur is darker than the golden jackals and has a broader white patch on the chest.

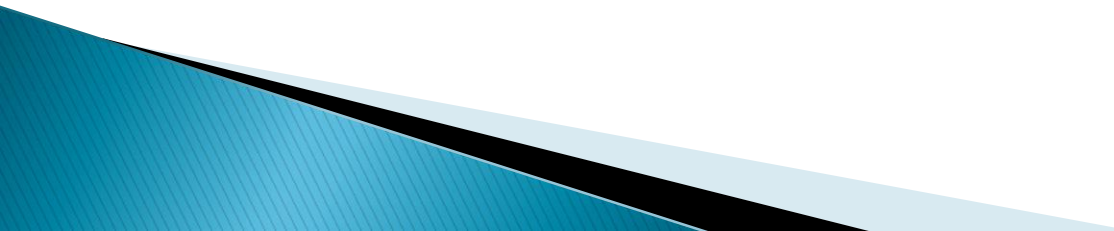
*Cécile Bloch Copyright 11(C)*







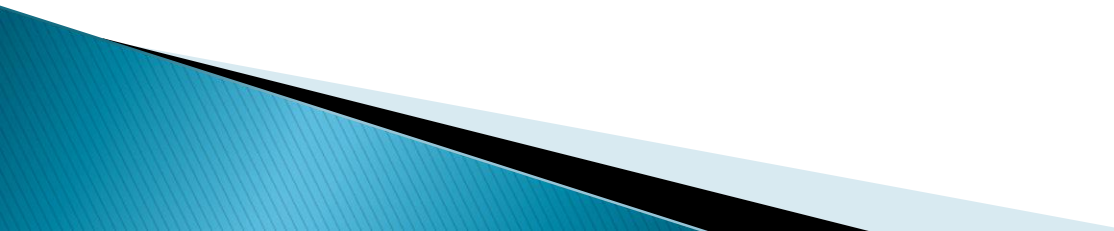
# Behavior

- ▶ They attacks prey such as sheep,goat and cattle.
  - ▶ Bellowing are a means wolf show their behavior toward each other and toward predators.
  - ▶ Dominant wolf : stands stiff legged and tall. Their ears are erect and forward .
- 

- ▶ Angry wolf : ears are erect and its fur bristles

.

Their lips may curl up or pull back .the wolf may also snarl.

- ▶ Aggressive wolf : snarl and crouch backwards ready to bounce . Hairs will also stand erect on its back.
  - ▶ Fearful wolf : their ears flatten down against the head . The tail may be tucked between the legs.
- 



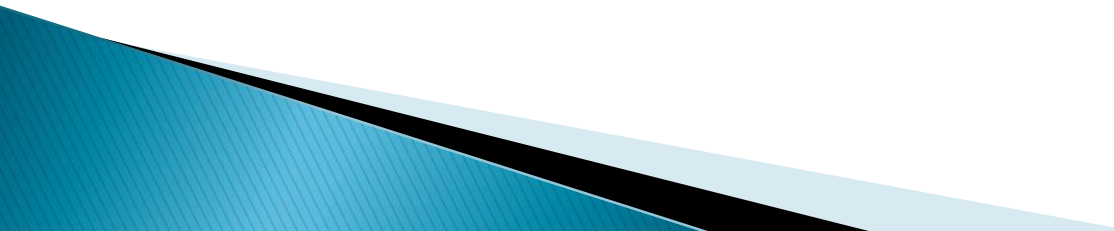
# Reproduction

- ▶ Mating occur in early Spring .
- ▶ Gestation period : 2 month .
- ▶ They will usually have about 4–5 pups.  
Though , they have on record as many as eight.

# Diet

- ▶ They are carnivorous animals feeding on fish , chicken , goats, sheep , birds and others.

# Habitat and Distribution

- ▶ They inhabit different habitat, in Algeria it lives in Mediterranean, coastal and hilly areas , while in Senegal inhabit tropical, semi-arid climate.
  - ▶ The Egyptian wolf is a subspecies of african golden wolf native to northern, eastern and western africa.
- 

# Fennec Fox

- ▶ **Conservation Status** : of least concern
- ▶ **Taxonomy**:

Class : Mammalia

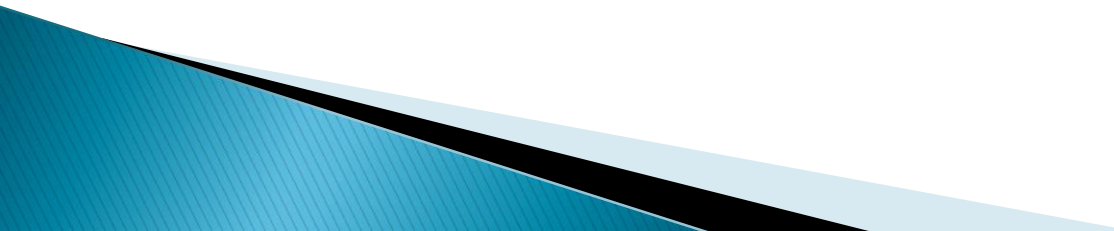
Order : Carnivora

Family : Canidae

Genus : *Vulpes*

Species : *Vulpes.zerda*

# Introduction

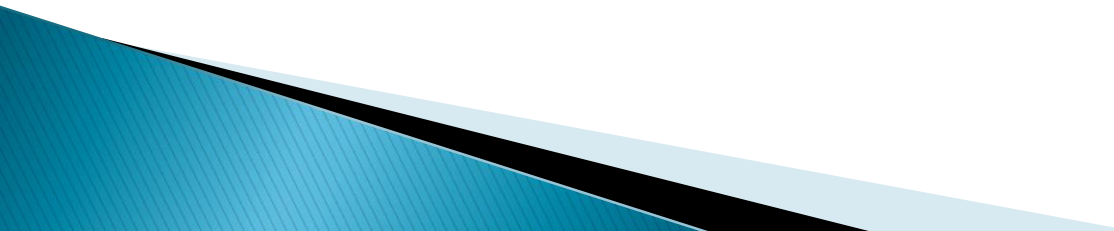
- ▶ The fennec fox is the smallest species of Canid in the world.
  - ▶ Fennec fox found in the sahara of north africa.
  - ▶ Its most distinctive feature is large ears which also serve to dissipate heat.
- 



# Naming

- ▶ Its name come from the arabic word فنأك (Fanak), which mean fox. The species name zerda come from the greek word xeros which mean dry,referring to the fox habitat.

# Physical Description

- ▶ Weight : 0.68–1.59 kg
  - ▶ Length : 20.3 cm
  - ▶ Body length : 24–41 cm
  - ▶ The **tail** has a black tip and is **18–31** cm.
  - ▶ Their **Ears** are the largest among all fox relative to body size. It can be between 10–15 cm.
- 

- ▶ Their large ears serve to dissipate heat as they have many blood vessels close to the skin.
- ▶ The ears are sensitive enough to hear prey that may be underground.
- ▶ The **Soles** of its feet are protected from the hot desert by **thick fur**.

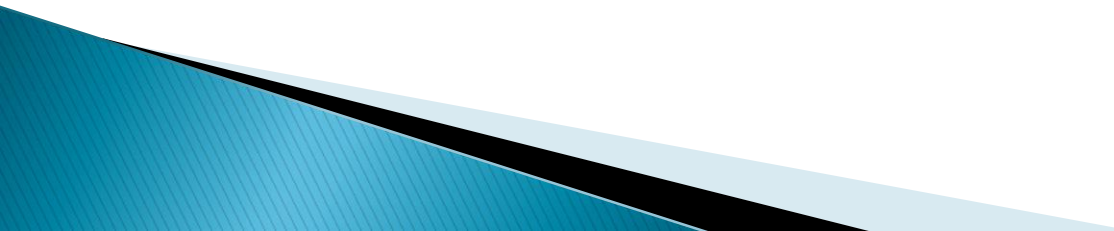


[www.zoo.wroclaw.pl](http://www.zoo.wroclaw.pl)



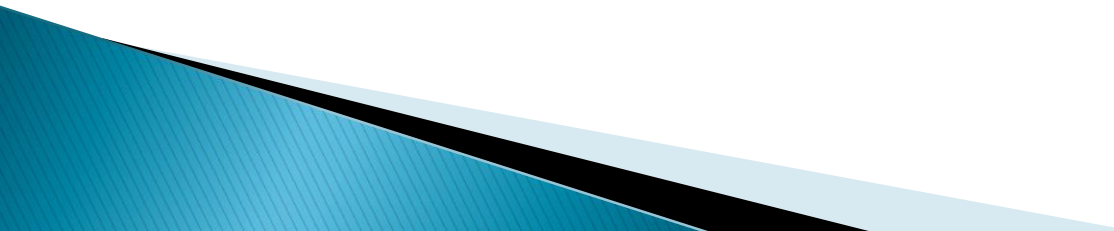


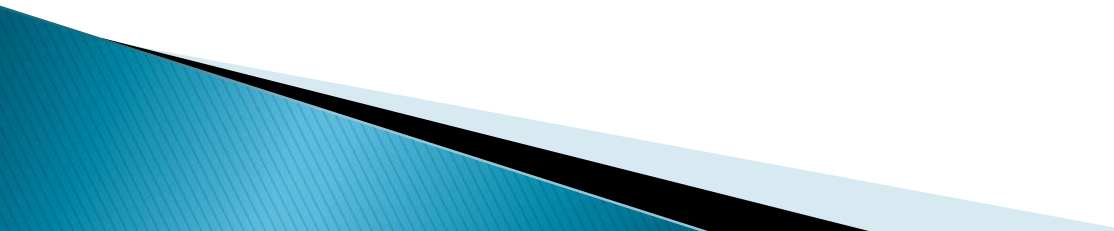
# Behavior

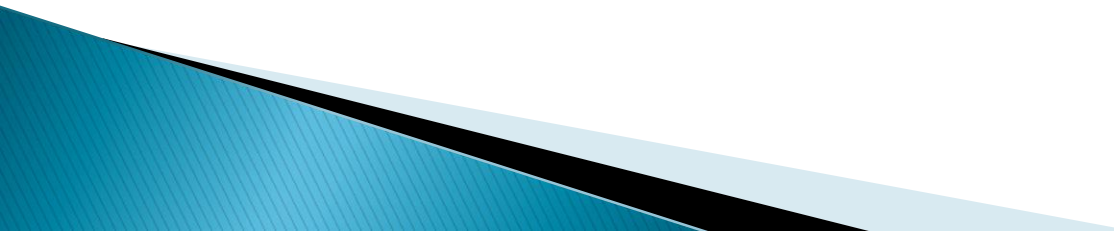
- ▶ Nocturnal animal
  - ▶ The basic **social unit** is a mated pair and their offspring. The young of previous year are believed to remain in the family even after anew litter is born.
  - ▶ Males tend to show more aggression and urine marking around the time of females estrous cycle.
- 

- ▶ Fennec fox have a variety of **sounds** including **barking** , a **purring** sound similar to domestic cat and a **snarl** if threatened.
- ▶ They have been seen to bury feces by pushing soil with their nose or hind feet.
- ▶ Fennec **dig out dens** in sand for habitation and protection which can be as large as 120 m<sup>2</sup> .

# Reproduction and Life Cycle

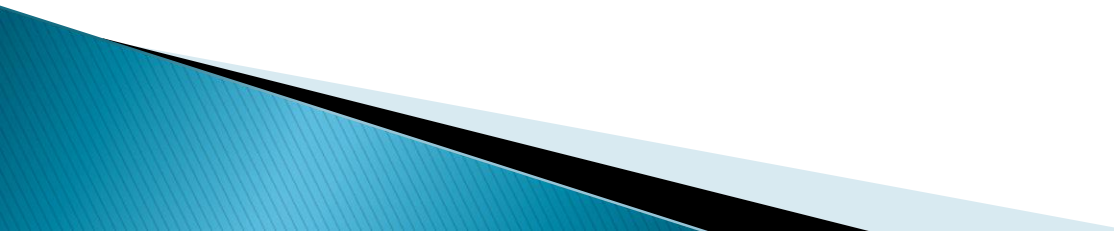
- ▶ Sexual maturity : 9 months .
  - ▶ In the wild , mating occur between **January and February** .
  - ▶ The species usually breed **once** each year .
  - ▶ The **copulation tie** last for up to 2 hours and 45 minute following mating.
- 

- ▶ **Gestation period** : between 50–52 days , may 62,63 days reported in captive fox.
  - ▶ The male become very **aggressive** and **protective** of the female providing her with food during her pregnancy and lactation period.
- 

- ▶ 1–4 Young was born. When born, its ears are folded over , eyes are closed open after 10 days .
  - ▶ Weaning : 61–70 days
  - ▶ Life span : 14 years in Captivity
- 



# Diet and Hunting

- ▶ The fennec fox is an omnivora , eat plants , rodents , insects , birds eggs and rabbits.
  - ▶ It can jump **up to 61 cm high and 120 cm** forward , which help it to catch prey and escape predator.
  - ▶ Its main predator is eagle owle.
- 

# Habitat and Distribution

- ▶ The species is found in North Africa and Asia deserts .
- ▶ Their range from Morocco to Egypt, south to northern Niger ,east to Sinai peninsula and kuwait.

# Red Fox

- ▶ Conservation Status : Of least concern
- ▶ Taxonomy

Order : Carnivora

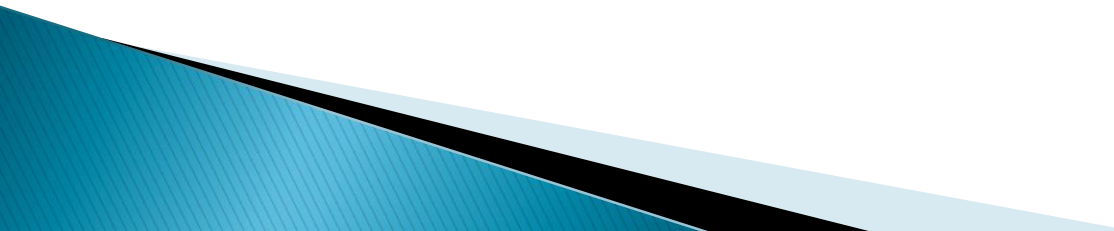
Family : Canidea

Tribe : Vulpini

Genus : Vulpes

Species : *Vulpes . vulpes*

# Introduction

- ▶ The red fox is the largest of the true foxes . It is the most abundant wild member of the carnivora being present across northern hemisphere.
  - ▶ 45 subspecies are currently recognized .they are divided into, **the large northern foxes** and **the small southern foxes** of Asia and middle east.
- 

# Naming

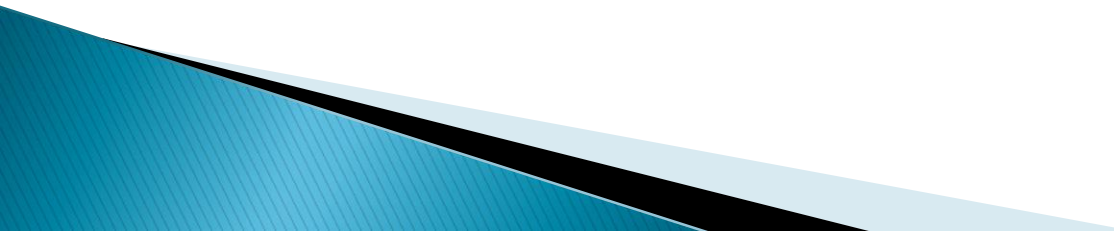
- ▶ Females are called **Vixens** and young **cubs** , **pups** or **kits**.



# Physical description

- ▶ The tail is fluffy with white tip.it reach the ground when in standing position .tail length is 30–55.5 cm .
- ▶ The tail has a black spot in base which is the location of supra caudal gland .

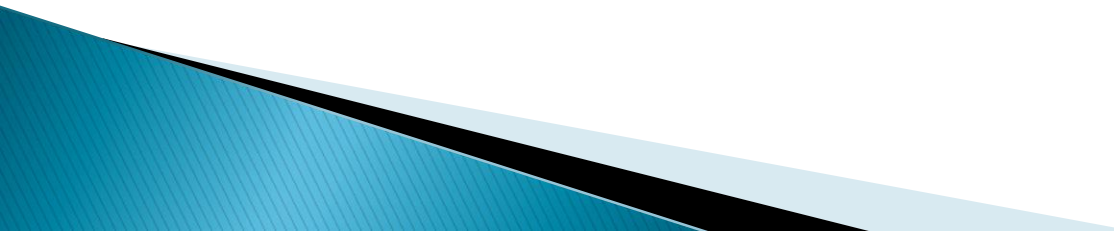
- ▶ The **forefeet** have 5 digits while the **hind feet** have only 4 feet and lack dewclaws.
- ▶ **Fur** color : red,silver or black.
- ▶ The red fox have a pair of anal sacs lind by sebaceous glands called **scent gland**

- ▶ The interdigital Cavities are deep and reddish tinge.
  - ▶ Weight : from 2.2 to 14 kg
  - ▶ Length : Adult 35–50 cm at the shoulder
  - ▶ Body length 45–90 cm .
  - ▶ The Ear measure 7.7–12.5 cm
- 





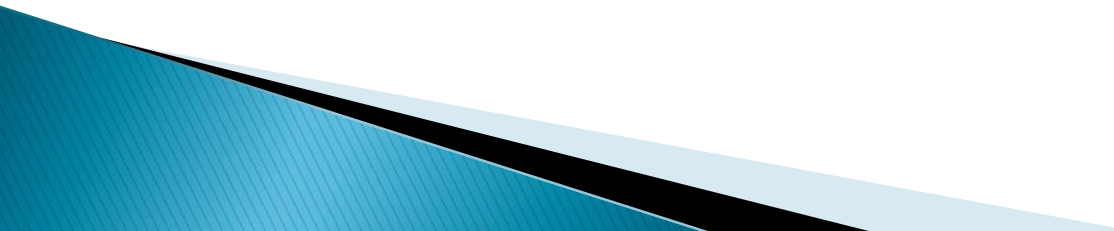
# Behavior

- ▶ Territorial animal marking their territory by urine .
  - ▶ **Denning** behavior
  - ▶ Red fox body language
  - ▶ Vocalizations
  - ▶ Red fox are most active at dusk and dawn
- 

# Reproduction

- ▶ Red fox reproduce **once** a year in spring.
- ▶ They reach maturity at **6–7 months** , some vixen may reach maturity at **9–10 months**.
- ▶ Mother remain with kits for **2–3 weeks** .  
During this period , male feed the mother
- ▶ The kits eye open after **13–15 days**, during which time their ear canals open and upper teeth erupt.



- ▶ Coat of kits become to change at 3 weeks.
  - ▶ Lactation period last 6–7 weeks.
  - ▶ Life span in captivity : 15 years
  - ▶ In wild : 5 years
- 

# Diet

- ▶ Omnivorous animal .they can eat plants , birds rodents insects.

# Distribution

- ▶ Red fox present across the entire Northern Hemisphere from the arctic Circle to North Africa , North America and Eurasia.
- ▶ They present in deserts and forests and city centers.

# Coyote

- ▶ The Coyote is a fast running Carnivore closely related to the wolf.
- ▶ It is native to North and Central America Forests ,mountains and deserts.

# Taxonomy

Genus : Canis

Species : canis.latrans

# Physical description

- ▶ Length : 90 cm
- ▶ The color varies according to location , in the northern part It is can be **pale to white** . In the west , It tend to be **reddish with black marking**. In the plains states, they are **grayish brown**. **Black** coyote in the eastern states.

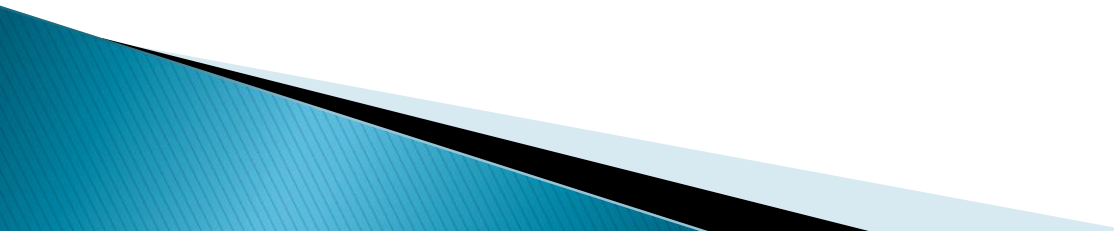









# Behavior

- ▶ Nocturnal in area where are hunted by humans. While if not hunted ,it can be seen during the day.
  - ▶ Both parents care pups , regurgitating food to help feed them.
  - ▶ They live in small family group in territory .
- 

# Reproduction

- ▶ Mating season : between February and April .
  - ▶ Maturity : 1–2 years.
  - ▶ The female may mate with more than one male.
  - ▶ Gestation period : 2 months or 58–65 days.
  - ▶ Female gives birth 3–12 or 19 pups. The Pups born blind , Floppy ear . Eye open after 10 days.
  - ▶ Weaning : 1 month.
  - ▶ Life span : 10–15 years.
- 

# Diet & Distribution

- ▶ Coyote eat rodents , lizards , fish , snakes , fruits and grains.
- ▶ Coyotes lives in forests , prairies , mountains and deserts in **North and Central America**.

# Bears

- ▶ Taxonomy

Order : Carnivora

Family : Ursidae

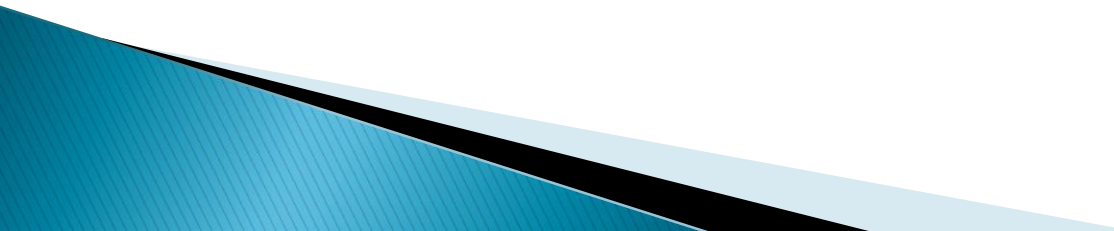
Species : There are 8 different species ( Polar Bear , Brown bear , black bear ,..... )

- ▶ They are found in wide range of habitat mainly in America , Europe and Asia.





# Physical description

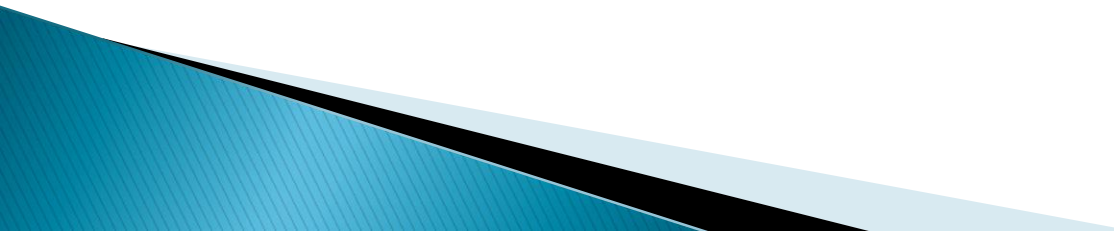
- ▶ Length : 1.1–3 m .
  - ▶ Weight : 25–770 kg .
  - ▶ The Largest bear is polar bear.
  - ▶ Bear fur ranges in color from black to brown to blond to white .
- 

# Behavior

- ▶ Nocturnal and Solitary animal.
- ▶ Excellent swimmer and good climbers.
- ▶ Bears have a good sense of smell but poor eye sight.
- ▶ Many bears from cold climate **hibernate** over winter in caves or dens.



# Reproduction

- ▶ Maturity : vary within species smaller ones may be 2 years but Larger ones may be at 4 or 9 years.
  - ▶ Cubs are born toothless , blind and bald.
  - ▶ Gestation Period : 180–240 days .
  - ▶ Life span : 15–35 years
- 

# Diet & Distribution

- ▶ They are Omnivore , eat insects , fish , small mammals , plants and fruits.
  - ▶ They are found in forests, swamps, mountains and grasslands . They are found in North America, Asia, Europe and a few in south America.
- 