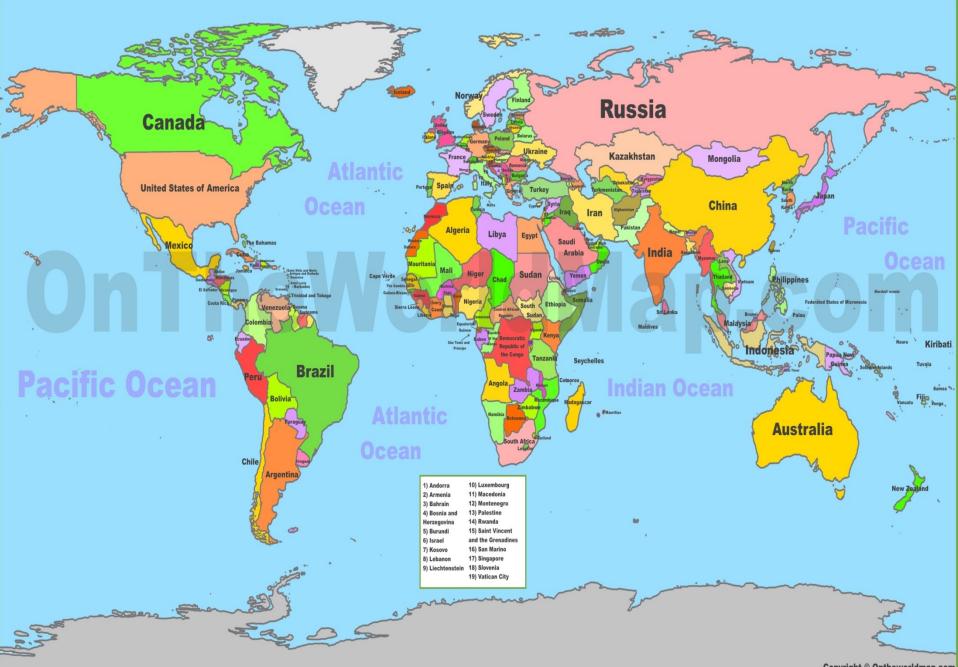
#### **Palearctic Region**





## **Palearctic Region**

- Europe
- Asia
- north of the Himalaya foothills
- northern Africa
- northern and central parts of the Arabian Peninsula.

# **Palearctic Region**

- Geographical boundary:
- Europe, Africa north to tropics of cancer, Asia north to Himalaya and Nan ling range of China.
- Climatic condition:
- Extreme cold of Siberia and extreme hot of Sahara are are characteristic climate of this region.
- Ecological condition:
- Deciduous forest, large grassland, corniferous forest and mixed forest. Tundra area also present in this region.

#### Fish Fauna

• Fish: Carp, Salmon, Pike, Sticklebacks are common in freshwater in this region.



Pike

Stickleback

Salmon

- Rich and contained a large number of tailed amphibians.
- Necturus
- Siren
- Amphiuma
- Proteus.
- The tailless amphibians including genera Rana, Hyla, Bufo and Rhacophorus are wide spread.

### **Amphibian Fauna**







Hyla

Amphuma

Siren

# Reptiles

- The reptilian fauna is not very rich.
- No endemic or exclusive.
- True vipers and Asian pit vipers and colubrids are only snakes found in palaearctic region.
  Testudo, Trionyx, Alligator of China,
  Chameleon, Varanus, Typhlops and Sand boas.

### Reptiles







Pit viper

Trionyx

Sand Boa

## Avifauna

- 53 families, out of which 17 more or less widely distributed, while rest are migratory.
- grebes, loons, kingfisher, swallows, finches, cuckoos, ducks, herons, woodpecker

#### Avifauna



Grebes



Swallow



loons



Heron

### Mammals

- 33 families, but only 2 families of mammals are endemic.
- The important mammalian fauna includes beavers, moles, hedgehogs, pandas, pigs, squirrels, rabbit, mice, mustelids, dog, deer, and cat families.

#### Mammals





caribou



beaver



otter



hedgehog

- The mammalian fauna overlapping with Nearctic region
- Beaver, Otter, bear, wolf, reindeer(Caribou), elk(moose) and red deer.

- Distinct mammalian fauna in Palearctic region
- Walrus, Arctic fox, Polar bear, Arctic hare, seal, walrus.

### Land features

- Palearctic tropical and subtropical moist broadleaf forests
- In china







### Land features

- Palearctic temperate coniferous forests
- In Europe, Russia, Turkey, Iran, Central Asia, Norway



### Land Features

- Palearctic boreal forests/taiga
- In Russia, Scandinavia, Poland



- Palearctic temperate grasslands, savannas, and shrublands
- In central Asia, Turkey, Iran, Russia



- Palearctic tundra
- In Russia, Norway, Sweden



#### Palearctic deserts and xeric shrublands in middle East





