

SOIL



Prepared:
Issakhova Saltanat,
Adambai Akerke,
Ashkenova Ardak,
Zhanusak Daurhan

Soil– it is independent natural body and her education are difficult process of cooperation of five natural factors of formations of soils:

- climate
- relief
- the vegetable and animal world
- to time
- basic property of soil is fertility

Glossary

- ❑ **Soil** is a mixture of minerals, organic matter, gases, liquids, and countless organisms that together support life on Earth
- ❑ **Humus**-The well decomposed, more or less stable part of the organic matter in mineral soils.
- ❑ **Soil science** is the study of soil as a natural resource on the surface of the Earth
- ❑ **Chernozem**- is a black-coloured soil containing a high percentage of humus
- ❑ **chestnut** -a soil type occurring in arid steppes
- ❑ **Parent material** is the underlying geological material in which soil horizons form.

Types of soils of Kazakhstan.

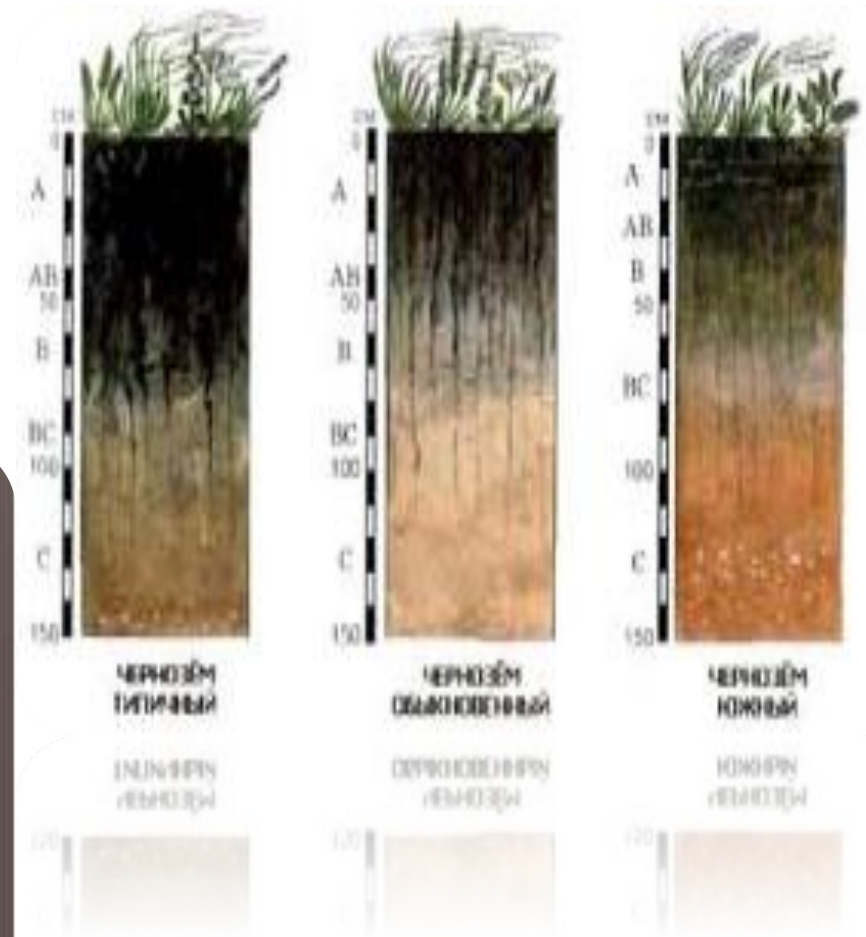
ordinary chernozems
southern chernozems
dark chestnut soils
typical chestnut
light chestnut
brown soils
grey-brown

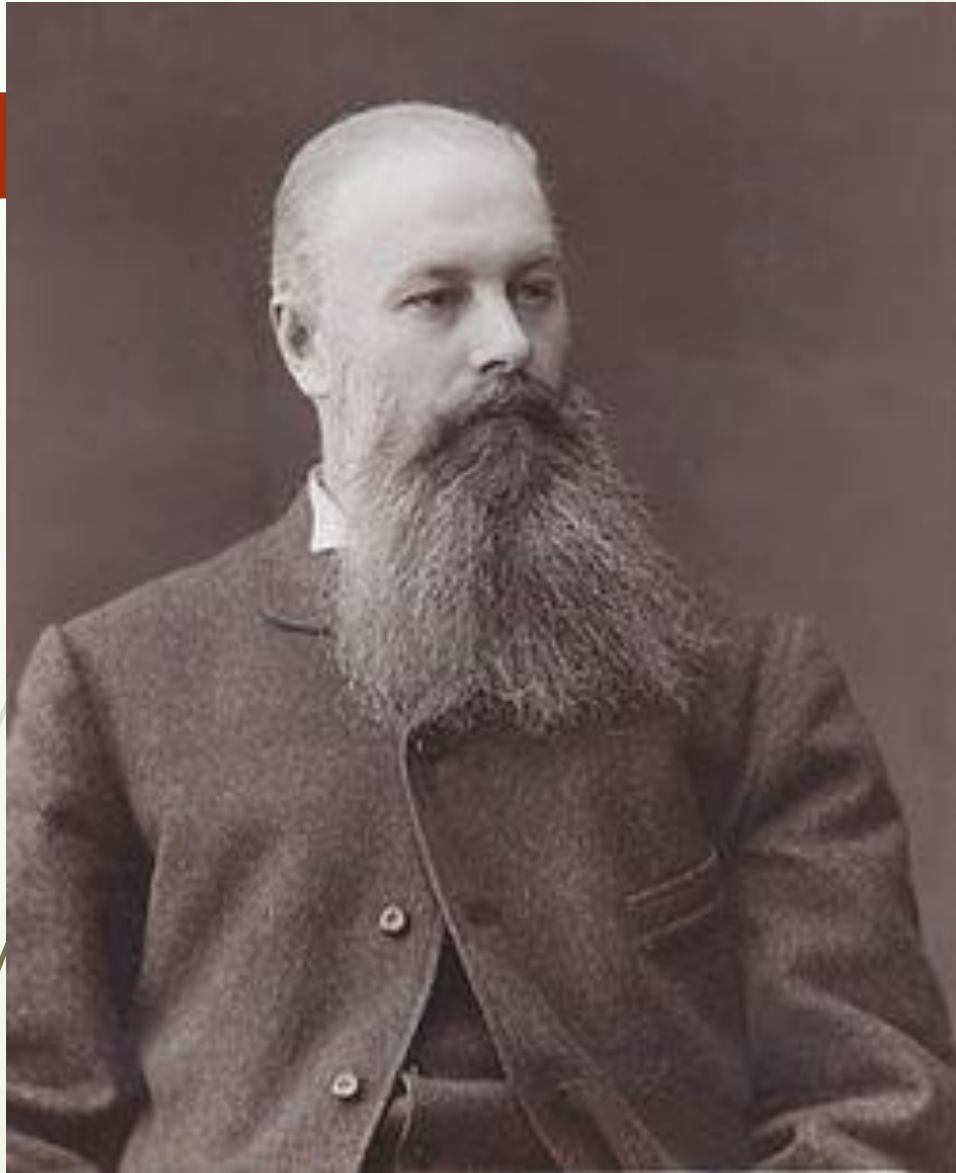


Каштановые



Бурые почвы пустынь
и полупустынь





Dokuchaev V.V. was a Russian Geologist and Geographer who is credited with laying the foundations of soil science.



The horizons are:

O – (humus or organic).

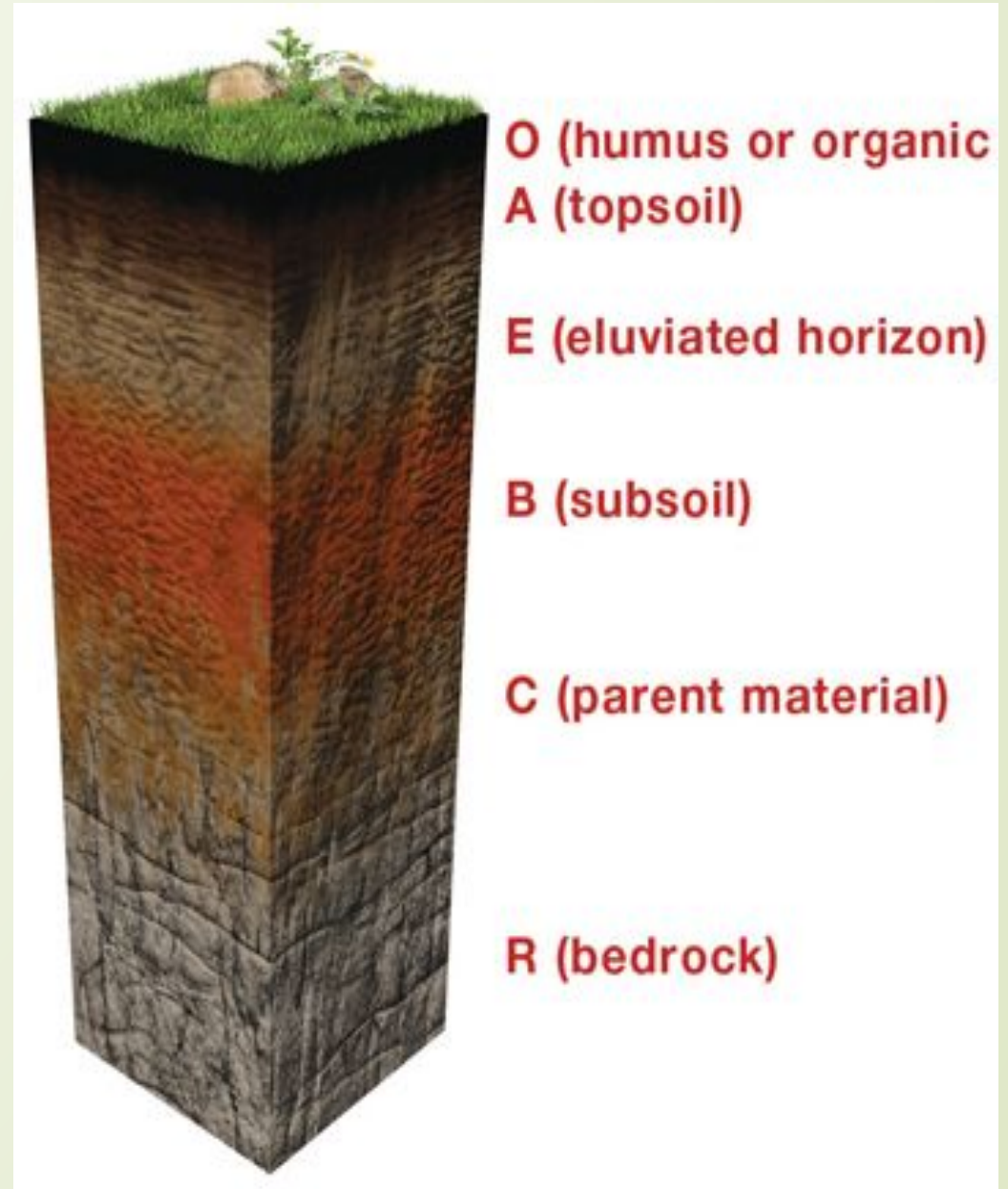
A - (topsoil)

E – (eluviated).

B – (subsoil).

C – (parent material).

R – (bedrock)



Questions

- 1 What is Soil ?
- 2 What is a soil horizon?
- 3 What is a parent material?
- 4 What is the main property of soil?

