

SOILS OF EAST AFRICA IN PICTURES:



Sandy soils



Silt soils



Silt deposited along a delta



Silt



Loam soils



Red desert soils



Clay soils



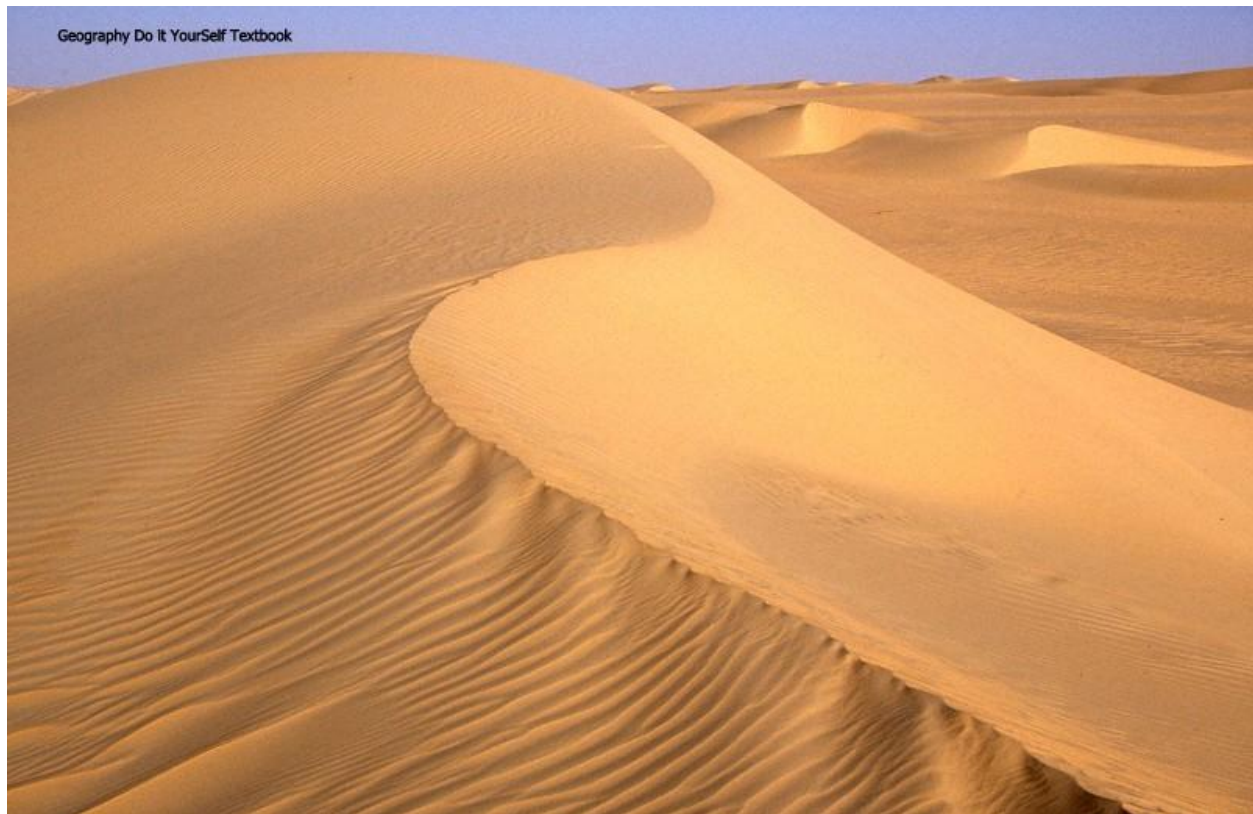
Clay soils



Chernozem soils



Chernozem soils in Russia: The most fertile soils in the World



Desert dune soils



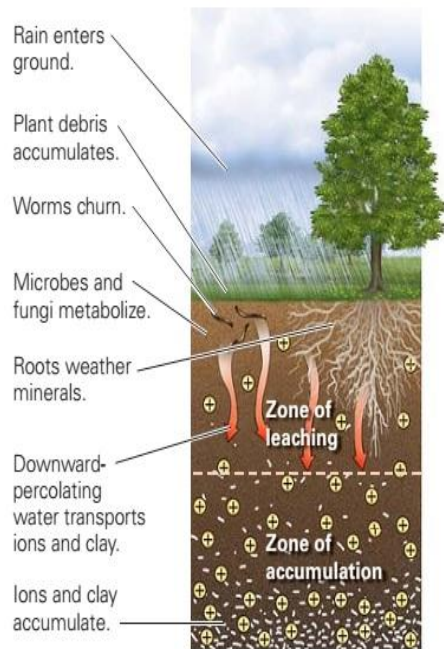
Laterite soils commonly known as Murrum



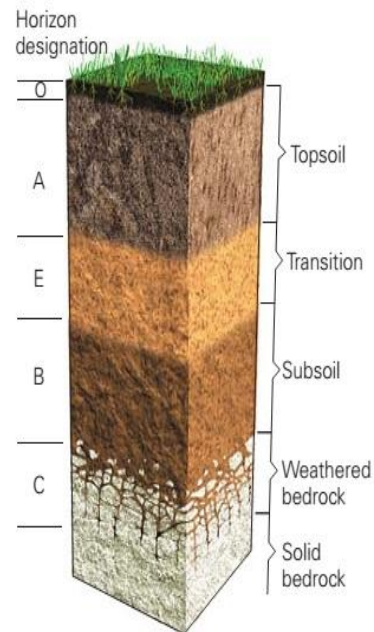
Sandy loam soils



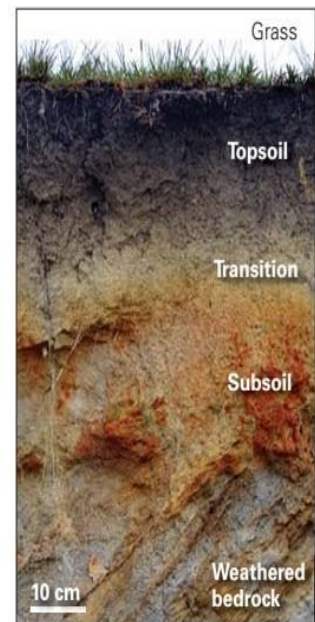
Soil Profile



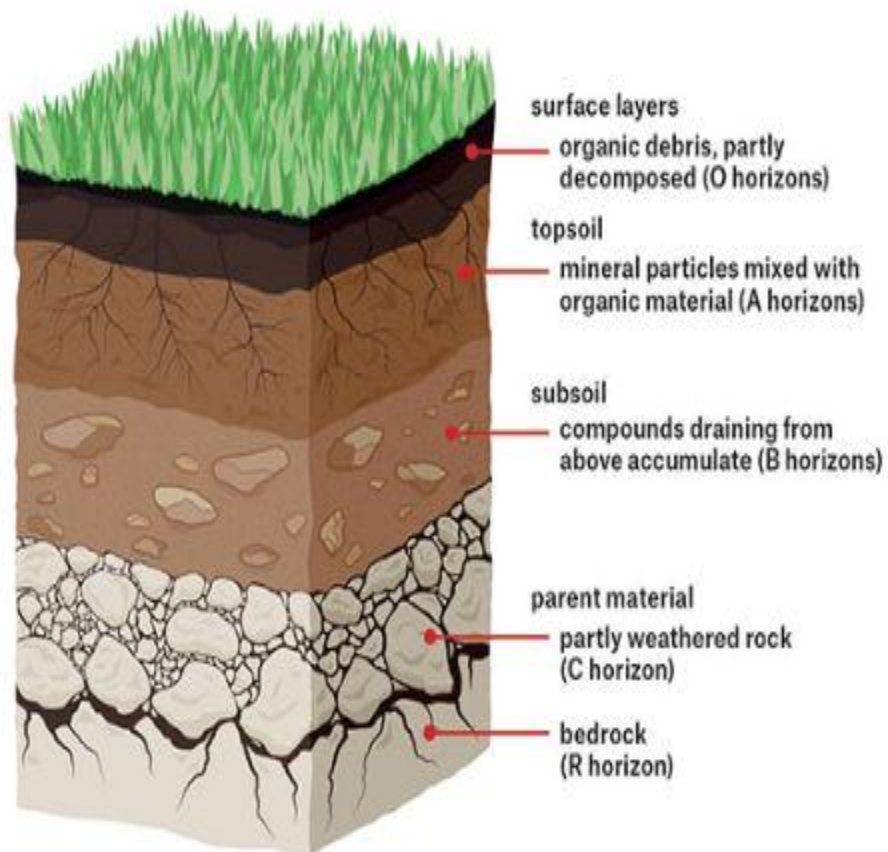
(a) Soil character depends on climate, for climate controls rainfall and vegetation.

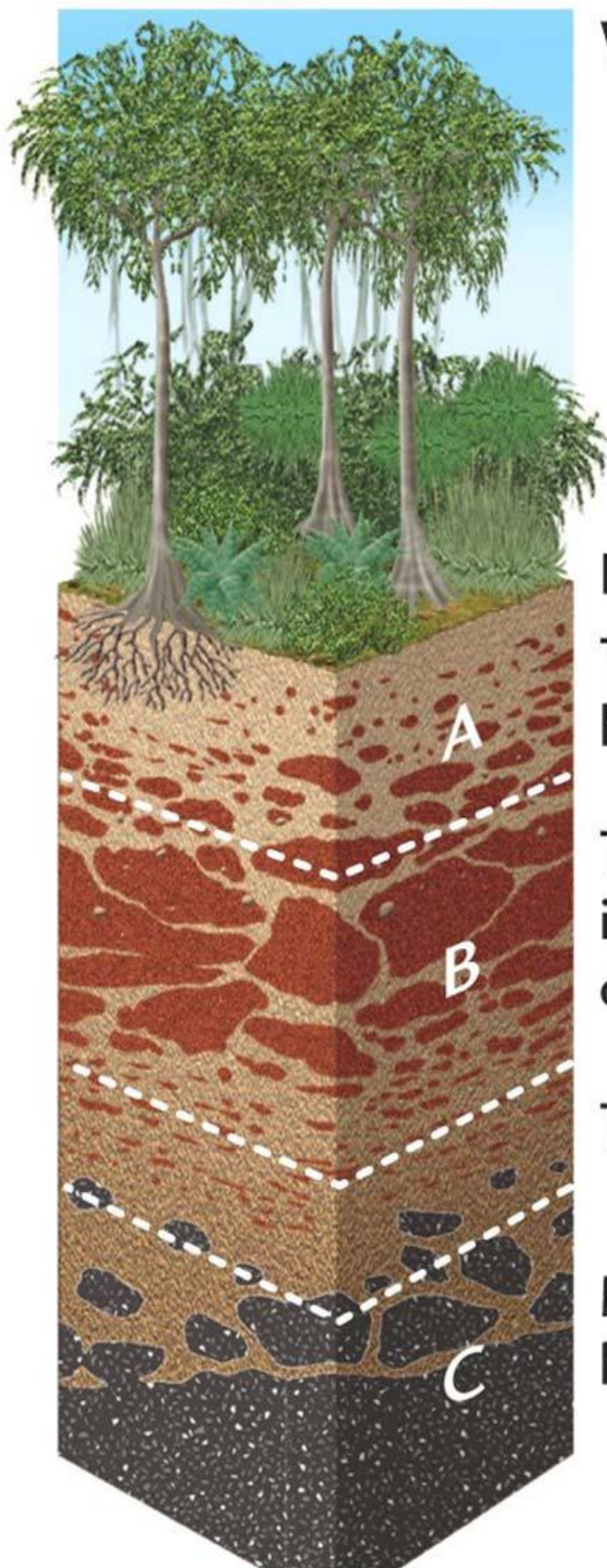


(b) Distinct soil horizons develop, each with a characteristic composition and texture.



(c) Soil horizons exposed on the wall of a gully in eastern Brazil.





Wet climate

LATERITE

Thin or absent
humus

Thick masses of insoluble
iron and aluminum oxides;
occasional quartz

Thin leached zone

Mafic igneous
bedrock



Loess soil

THE END