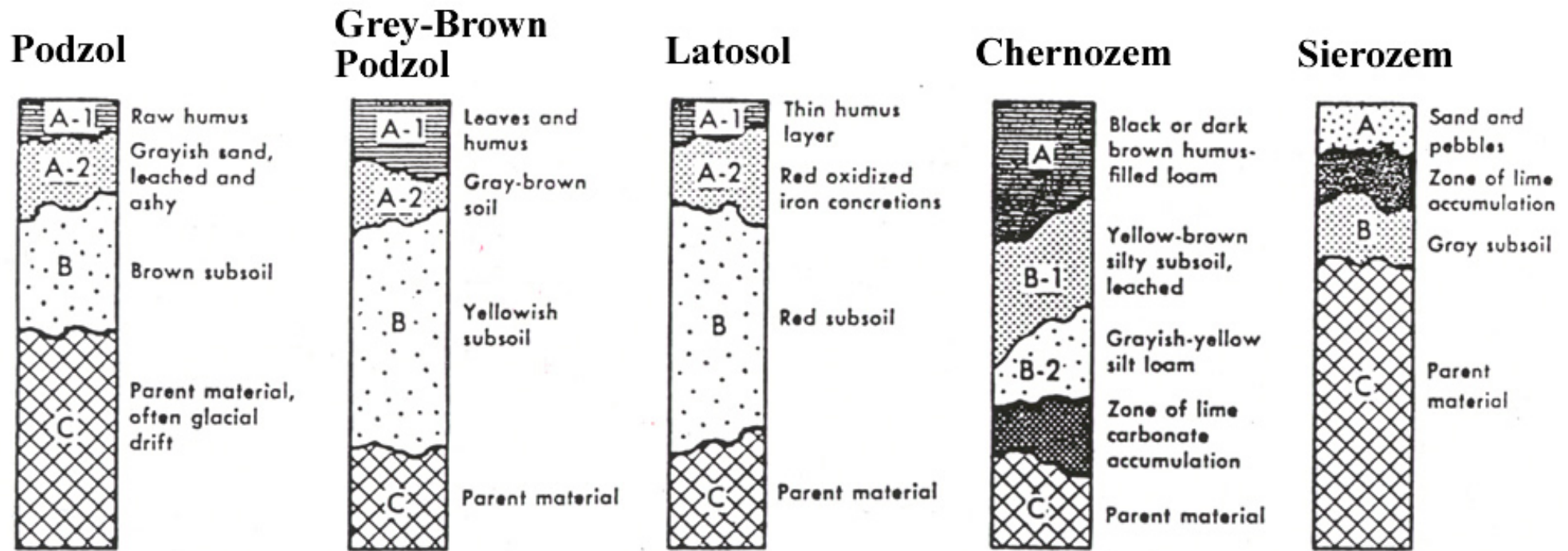


Key Soil Profiles



Note: Be able to recognize and identify each of these soil profiles. Memorize a **key, distinguishing feature** for each one.

eg Podzol: **“Grayish sand, leached and ashy”**
 Latosol: **“Red”**
 Sierozem: **“Sand and pebbles”**

Grey-Brown Podzol: **“Gray-brown soil”**
 Chernozem: **“Black or dark brown humus-filled loam”**
 Tundra: **“Permafrost”

Note: Be able to match each profile with a particular vegetation description, agricultural use, climate, or biome.

eg Podzol: **Coniferous Forest / Boreal / Taiga**
 Latosol: **Tropical Rainforest**
 Sierozem: **Hot Desert**

Grey-Brown Podzol: **Temperate Deciduous Forest**
 Chernozem: **Temperate Grasslands / Prairies / Steppe**
 Tundra: **Tundra**

****Note:** For a Tundra soil profile there are poorly developed horizons due to a lack of mixing as a result of a lack of soil organisms, freezing conditions for most of the year, and underlying permafrost.