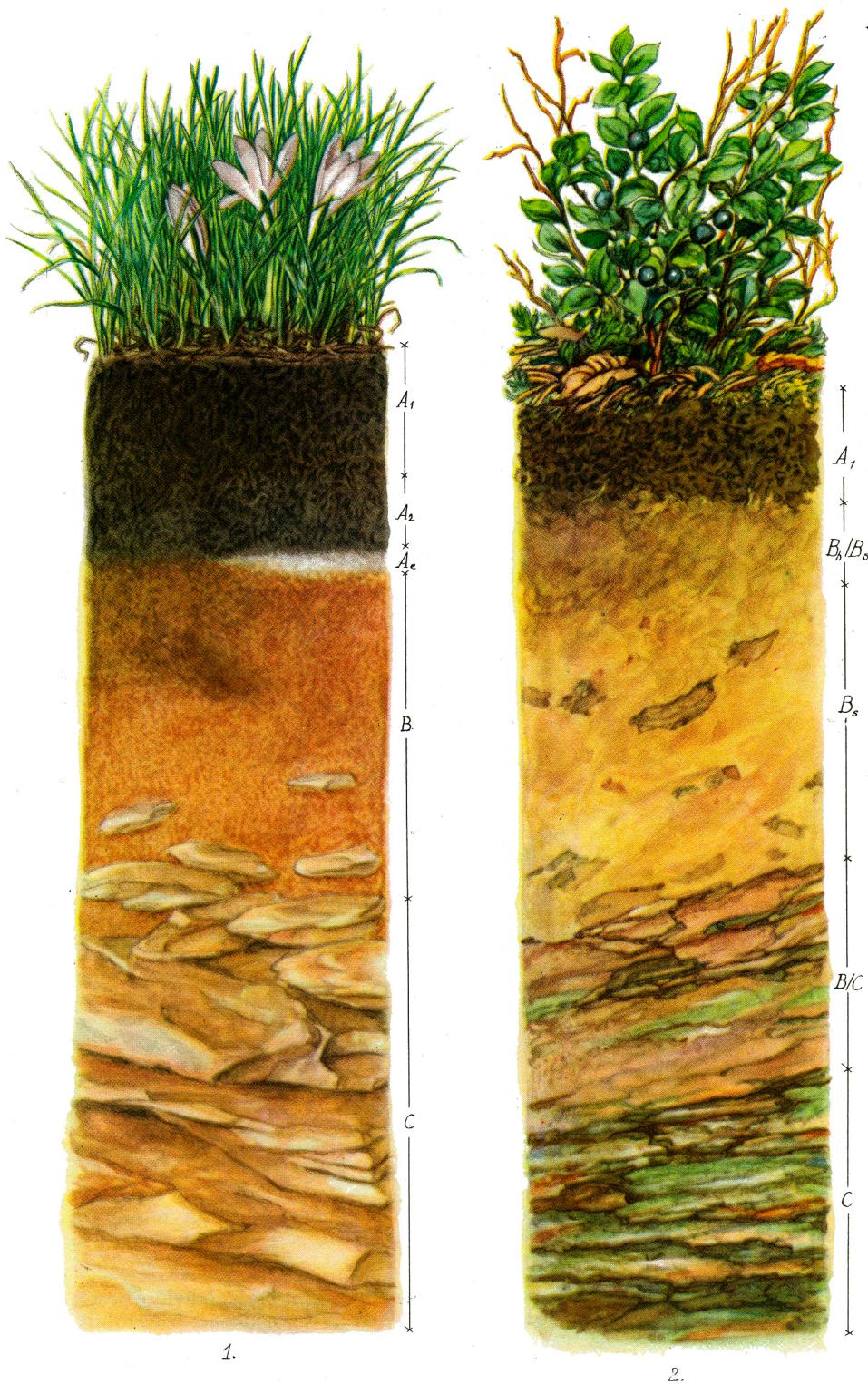


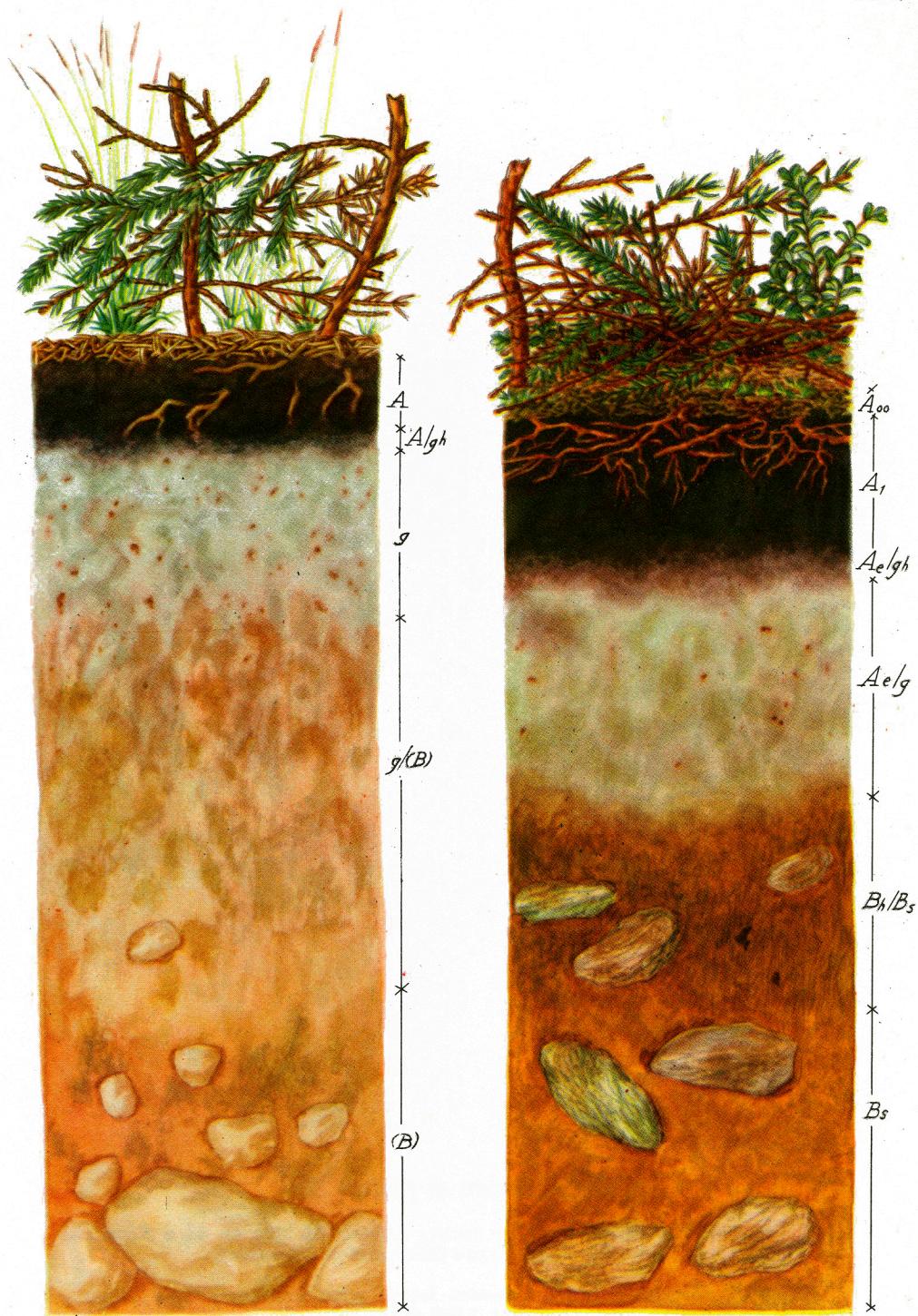
Explanation of plate XIX

1. (**Centro-European**) **Calc-braunerde** below meadow on loess (Fernitz, Lower Austria).
2. **Meridional braunerde** on gneiss below dry vegetation. In the picture *Quercus Ilex*, *Thymus vulgaris* and *Stipa juncea* (Santa María de la Alameda, Sierra de Guadarrama, 900 m.).



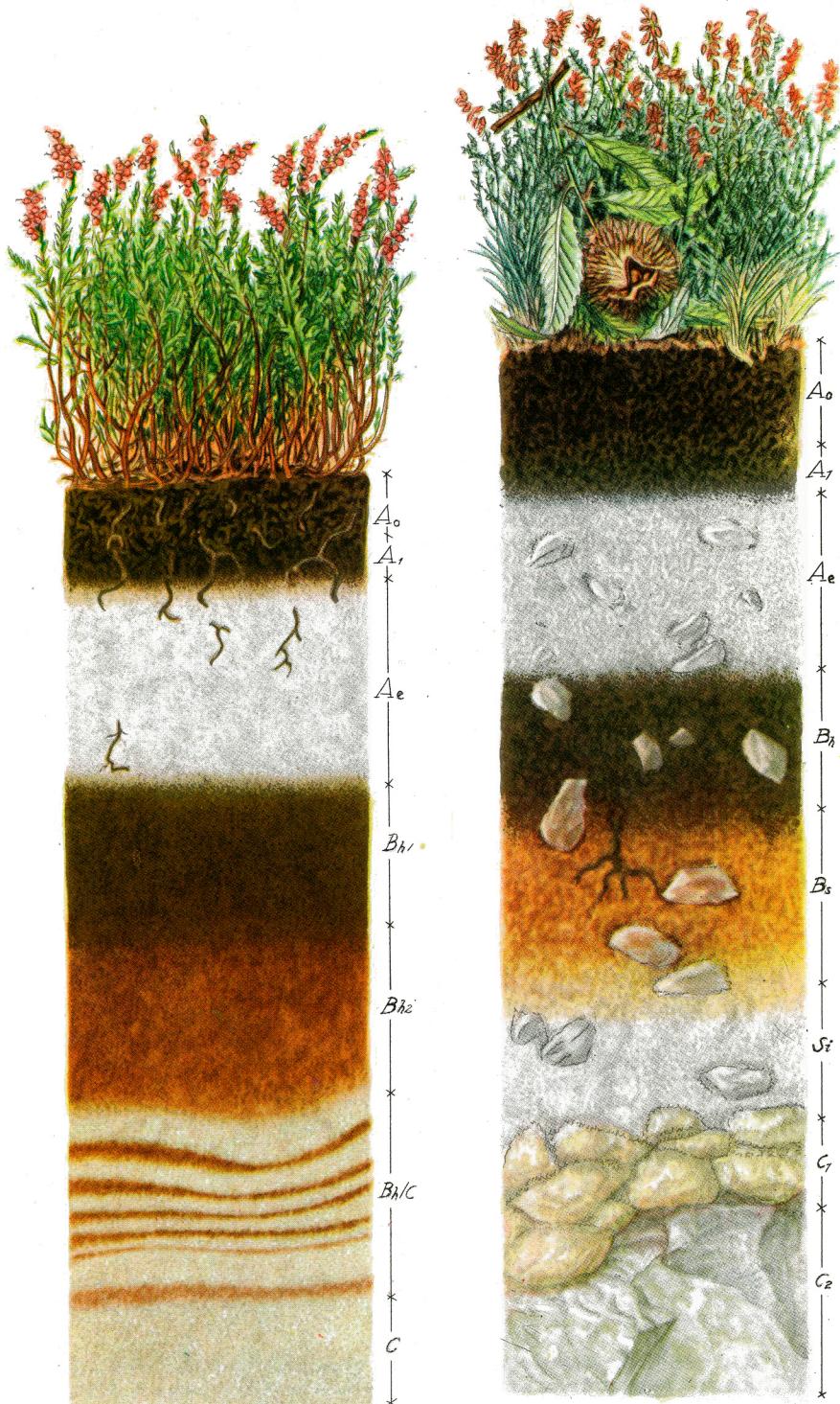
Explanation of plate XX

1. **Eupodsolic brown earth (eumorphic semipodsol)** on mountain pasture with *Crocus nudiflorus* (on quartzite schist) (Cordillera Cantábrica, Asturias, 1,400 m.).
2. **Stesopodsolic brown earth (stesomorphic semipodsol)** below beech forest with bilberry shrubs on chlorite schist (Freyenthurn, Klagenfurt, Carinthia, Austria).



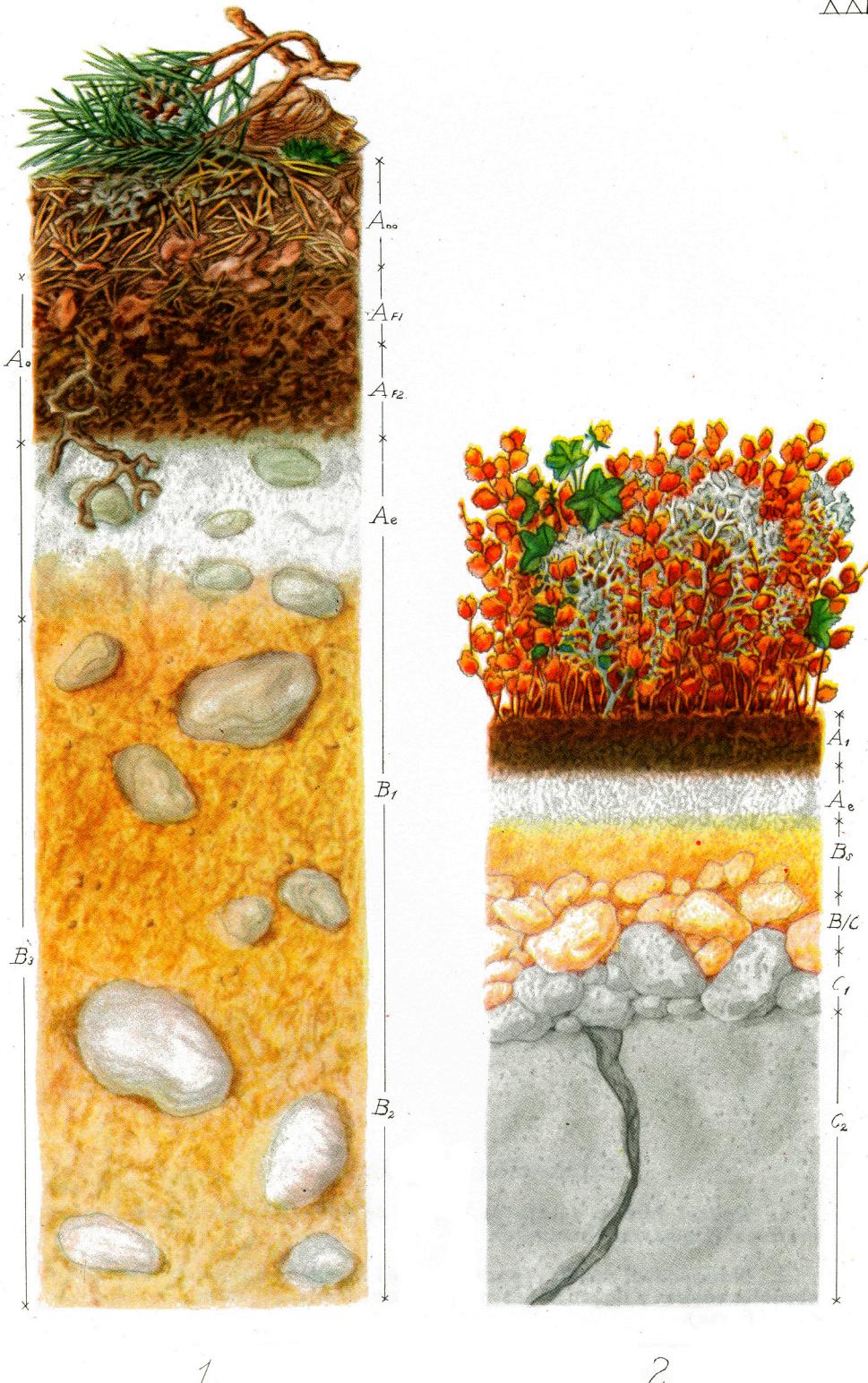
Explanation of plate XXI

1. **Krauss Pseudogley** below spruce forest; thickets of *Aira flexuosa* on weathering sediments of sandstone (Elbesandsteingebirge).
2. **Molken-podsol** under spruce forest with cranberry and bilberry bushes on moraine (Serfaus, Tyrol, 1,800 m.).



Explanation of plate XXII

1. **Humus-podsol** on dune sands under *Calluna* heather with two ortstein layers (B_{h1} - B_{h2}) followed by a series of ortsteinbands (Dorum, Bremen, North Sea coast).
2. **(Asturian) Iron-humus-podsol** under grassy heath with *Erica ciliaris* under oak and chestnut trees on silicious sandstone (Cantabrian Cordillera, Asturias, 300 m.).



Explanation of plate XXIII

1. **Iron-podsol** under pine forest (*Pinus silvestris*) on moraine (Heinavesi, Finland).
2. **Northern Nanopodsol** (Northern dwarf podsol) under tundra forest with *Betula nana* and *Cladonia rangiferina* on syenite (Petsamo, Finnish Lapland).