

Kantenlänge
Anzahl Würfel
Oberfläche
wenn $a = 1 \text{ cm}$

$$\begin{array}{l} a \\ 1 \\ 6a^2 \\ 6 \text{ cm}^2 \end{array}$$

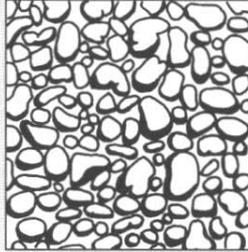
$$\begin{array}{l} a/3 \\ 3^3 \\ 3 \cdot 6a^2 \\ 18 \text{ cm}^2 \end{array}$$

$$\begin{array}{l} a \cdot 10^{-4} \\ 10^{12} \\ 10^4 \cdot 6a^2 \\ 6 \text{ m}^2 \end{array}$$



Primärgefüge

Einzelkorngefüge



Kohärentgefüge



Sekundärgefüge

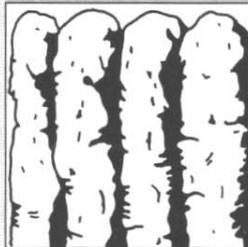
Krümelfüge



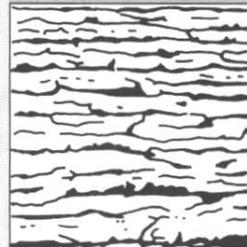
Polyedergefüge



Säulengefüge



Plattengefüge





Spheroidal

Characteristic of surface (A) horizons. Subject to wide and rapid changes.

Granular (porous)

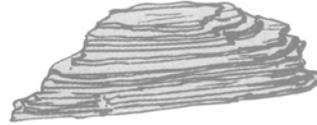


Crumb (very porous)



Plate-like

Common in E-horizons, may occur in any part of the profile. Often inherited from parent material of soil, or caused by compaction.



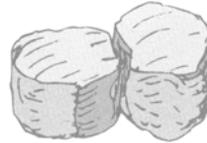
Block-like

Common in B-horizons, particularly in humid regions. May occur in A-horizons.

Angular blocky



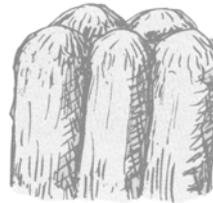
Subangular blocky



Prism-like

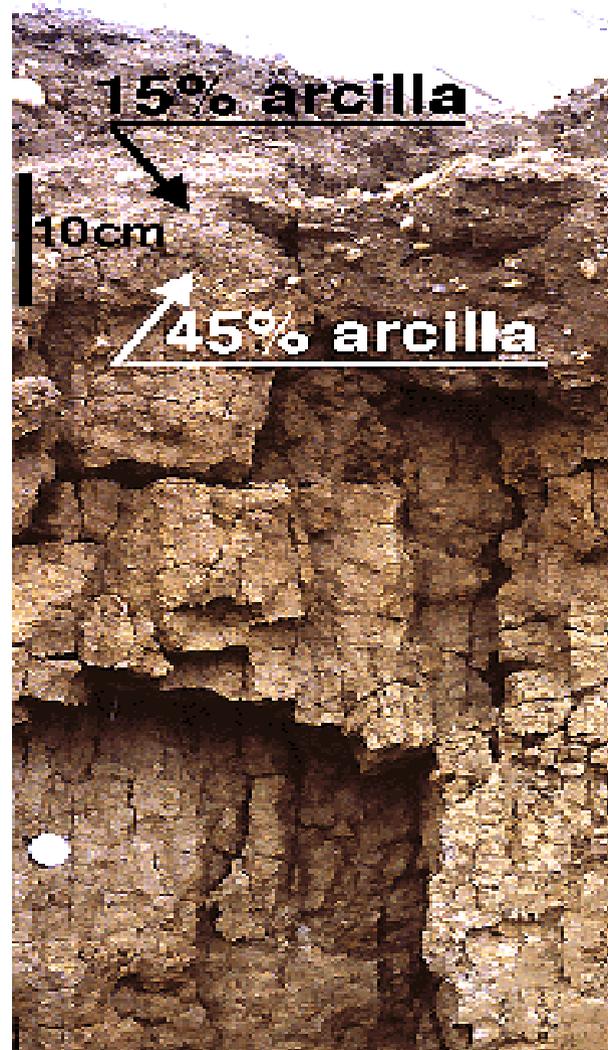
Usually found in B-horizons. Most common in soils of arid and semi-arid regions.

Columnar (rounded tops)

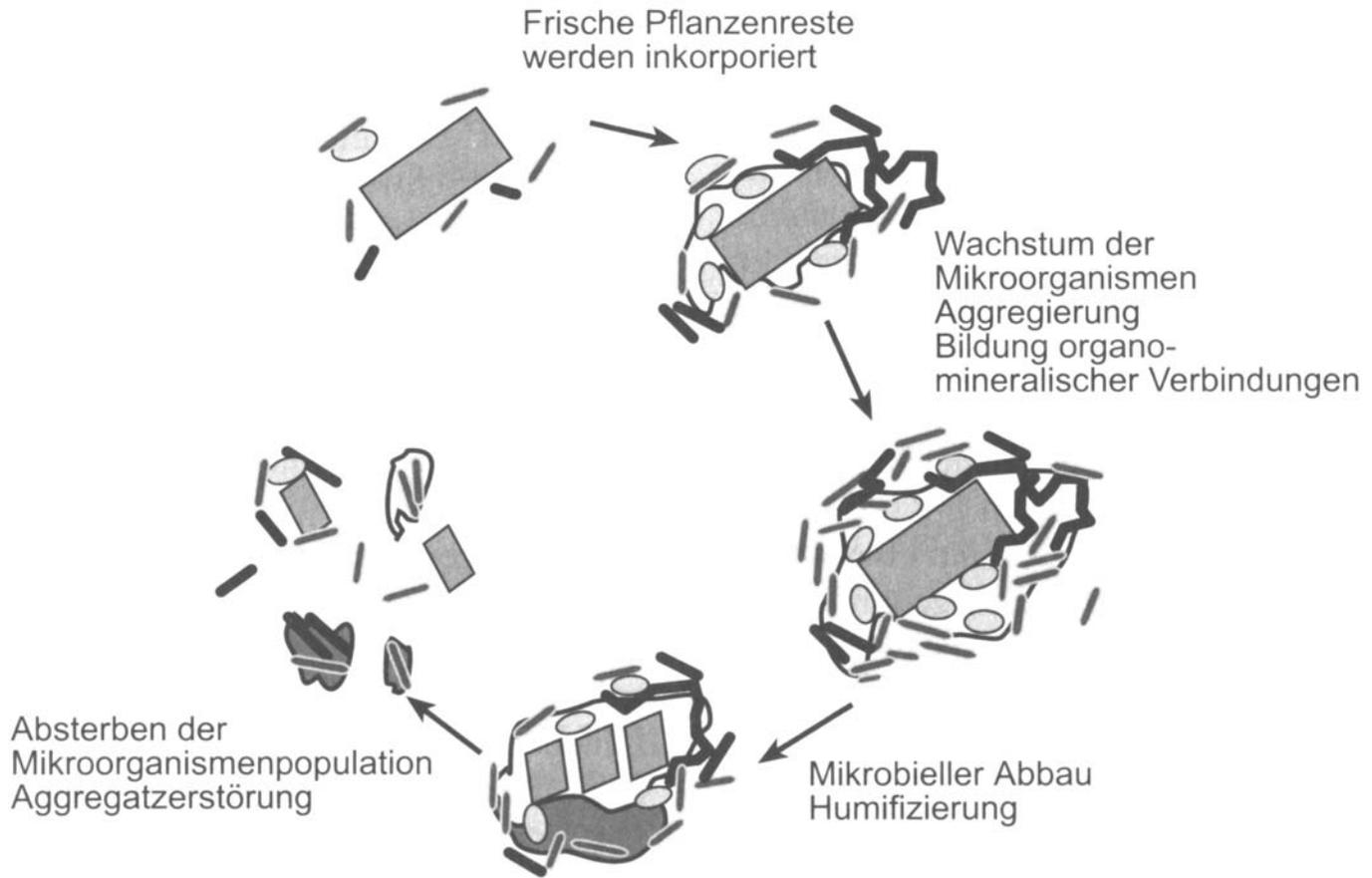


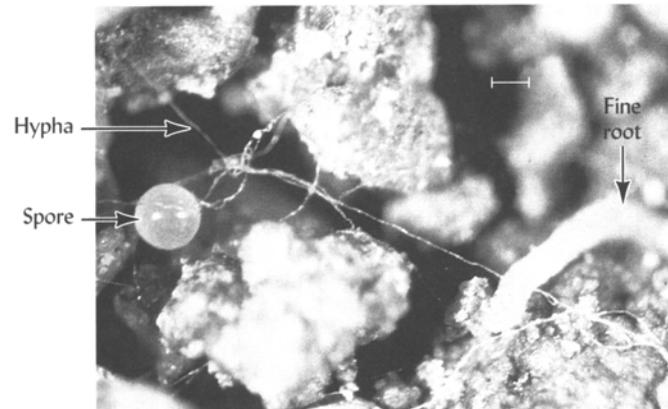
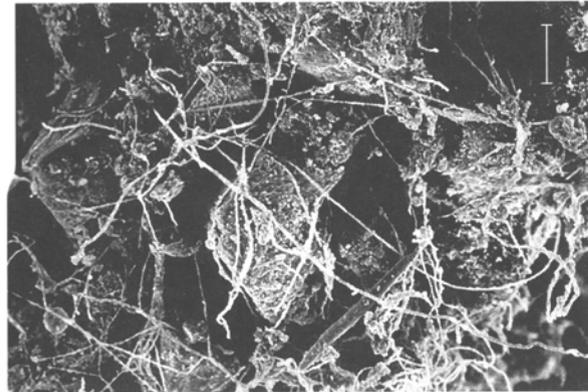
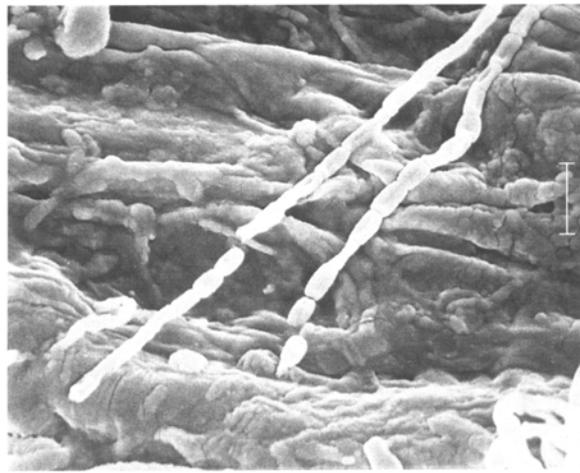
Prismatic (flat, angular tops)

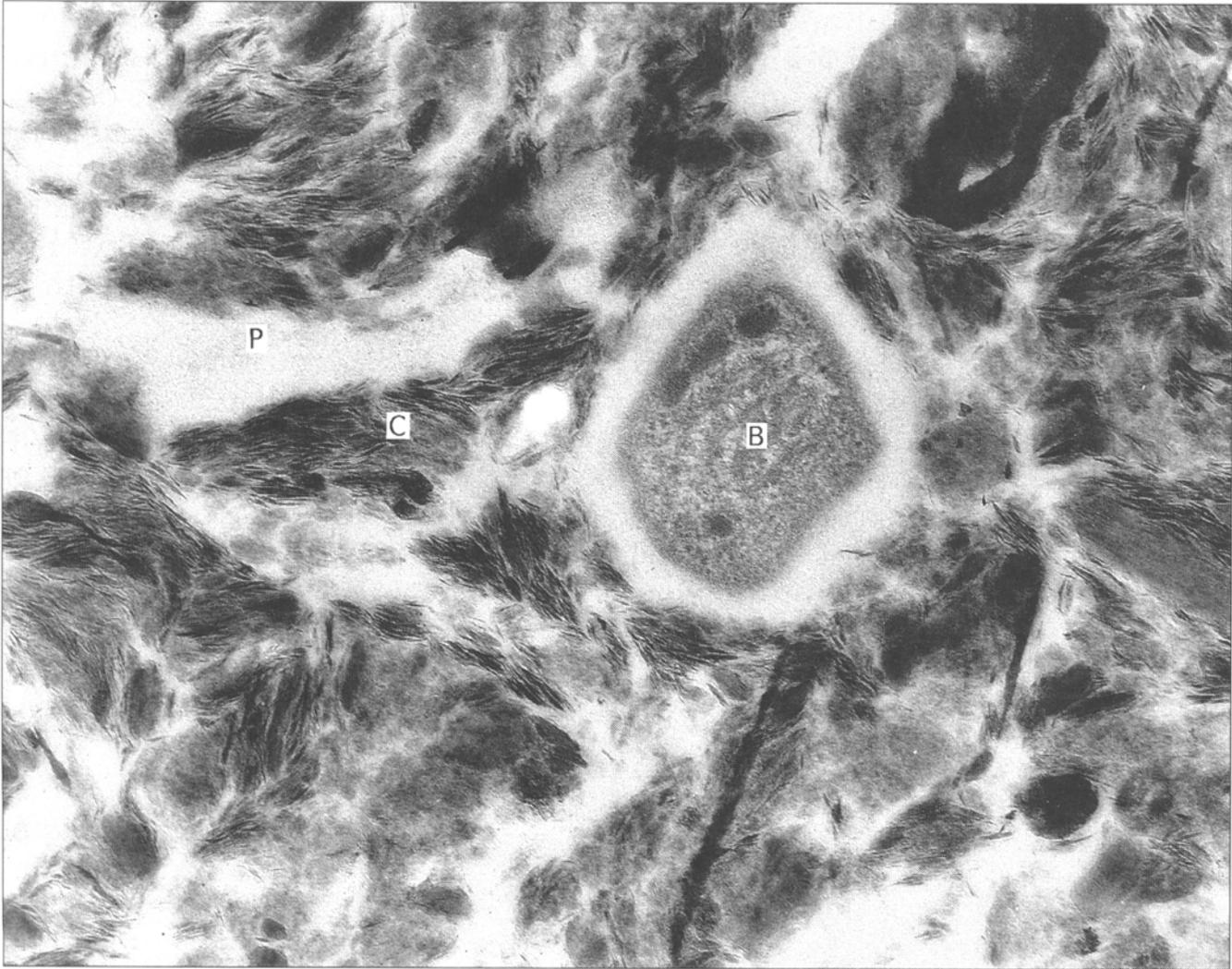


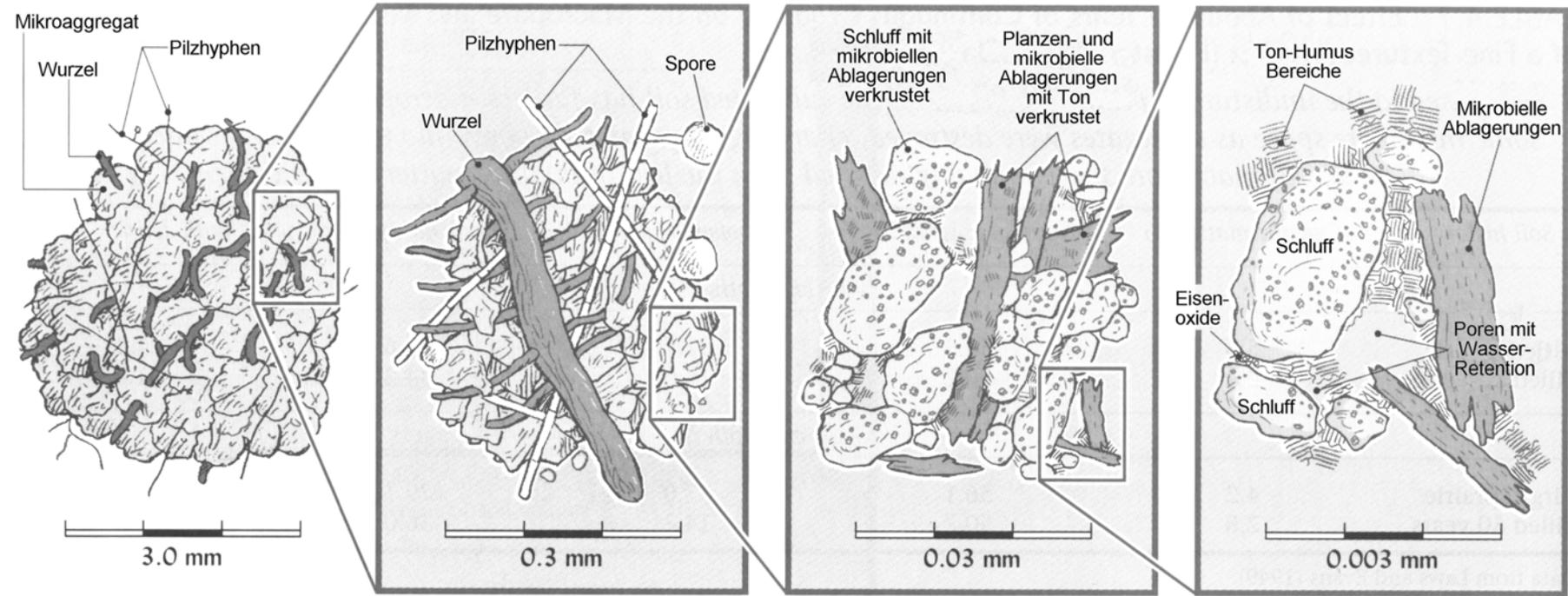












Makroaggregate

- Wurzeln
- Hyphen

Mikroaggregate

- Wurzelhaare
- Hyphen
- Polysaccharide

Submikroaggregate

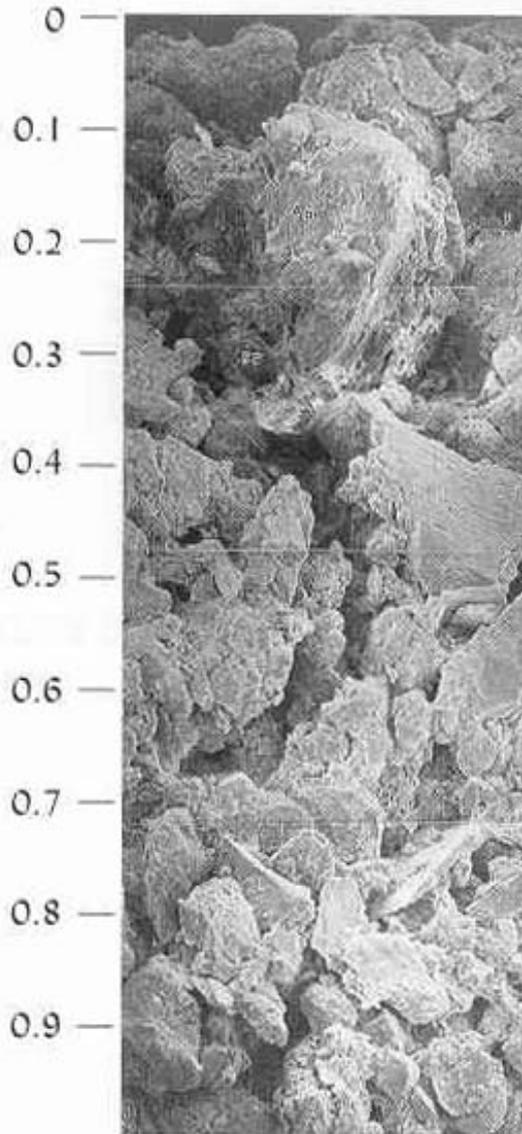
- Mineralkörner mit und Pflanzen-
mikrobiellen Ablagerungen verkrustet
- Pflanzenablagerungen mit Ton überzogen

Primäre Partikel

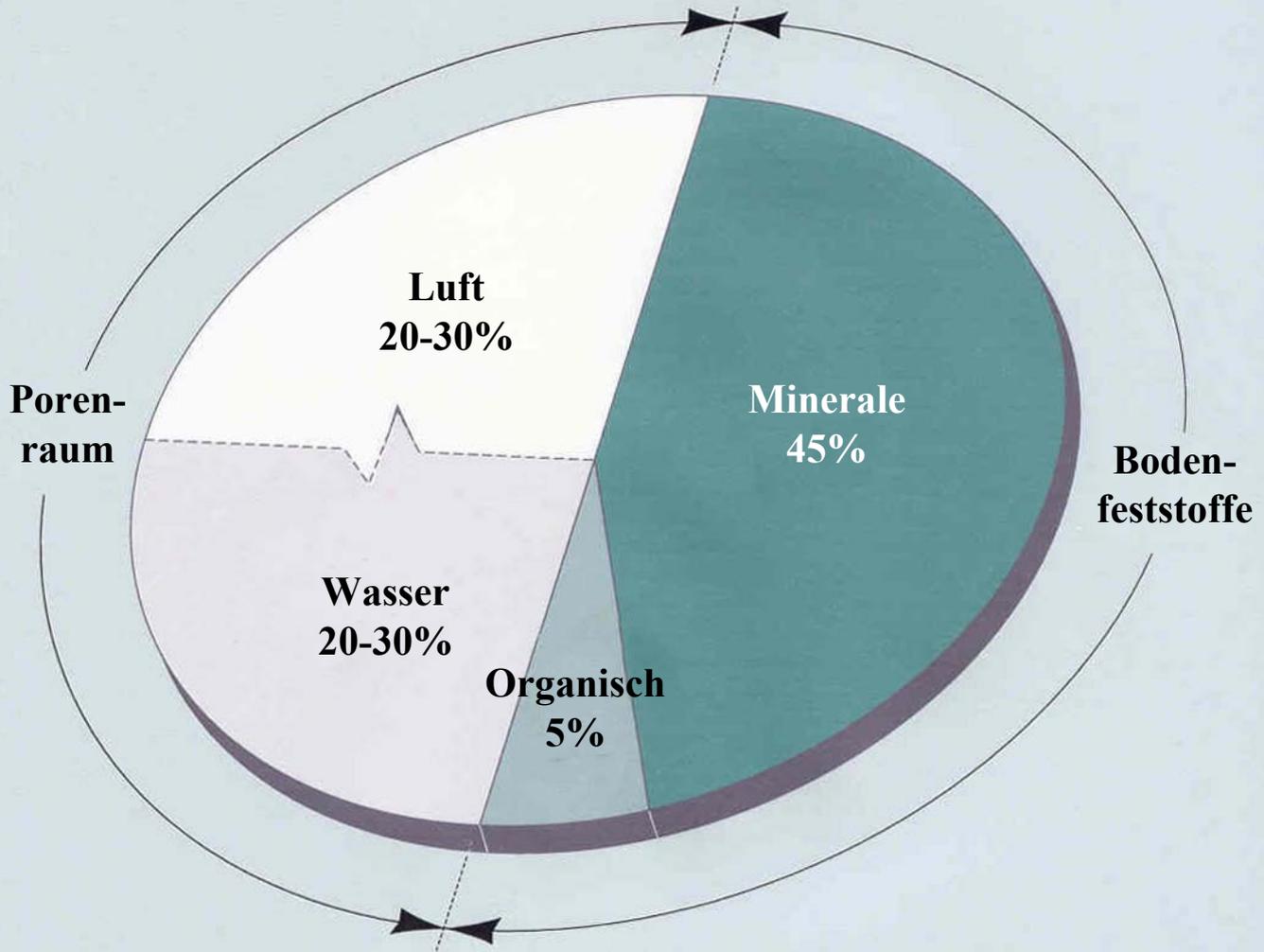
- aus Schluff, Ton und Humus
- Ton und Ton-Humus Bereiche



Bodentiefe (mm)

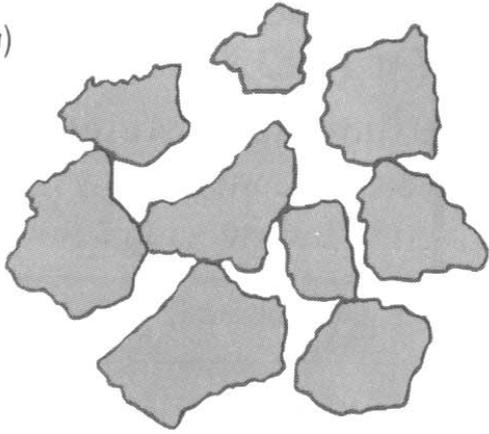




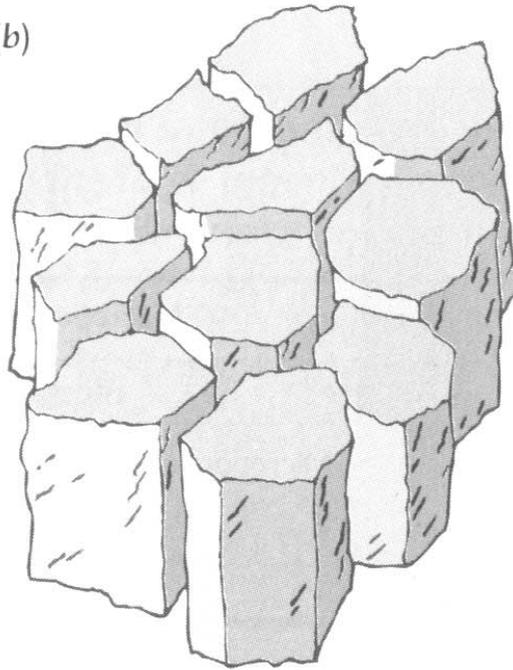




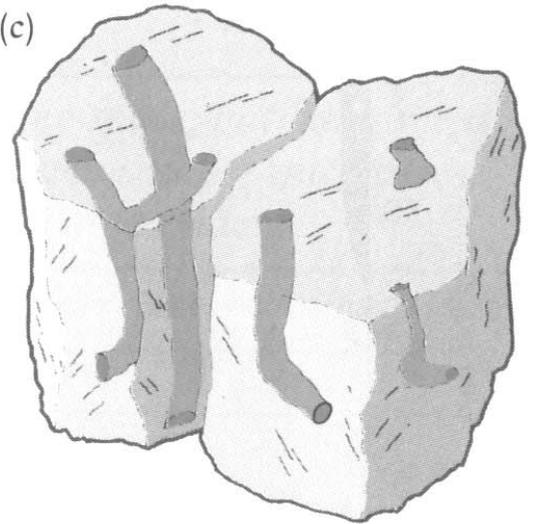
(a)

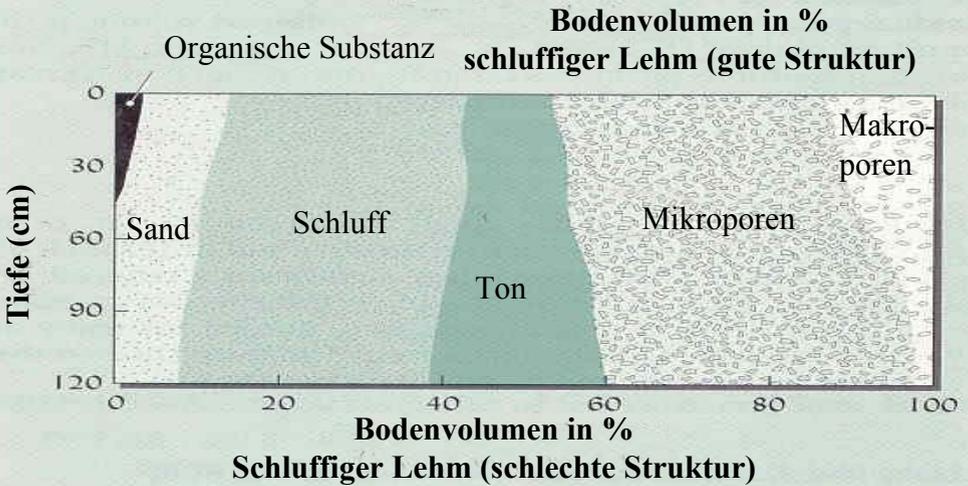
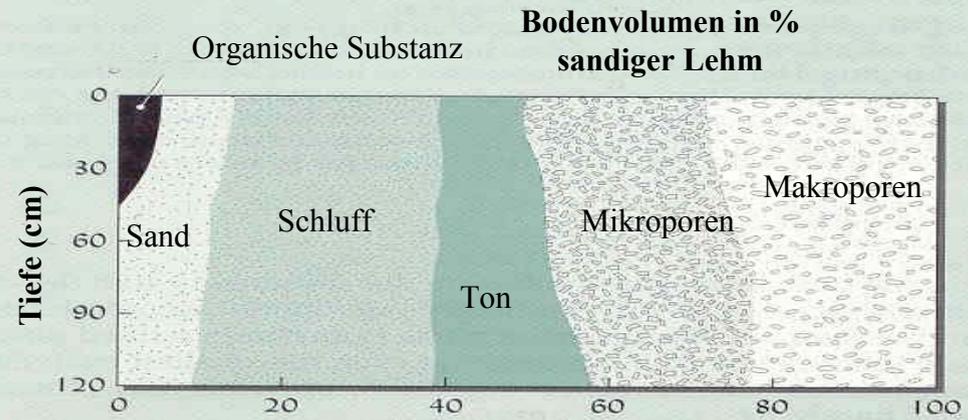
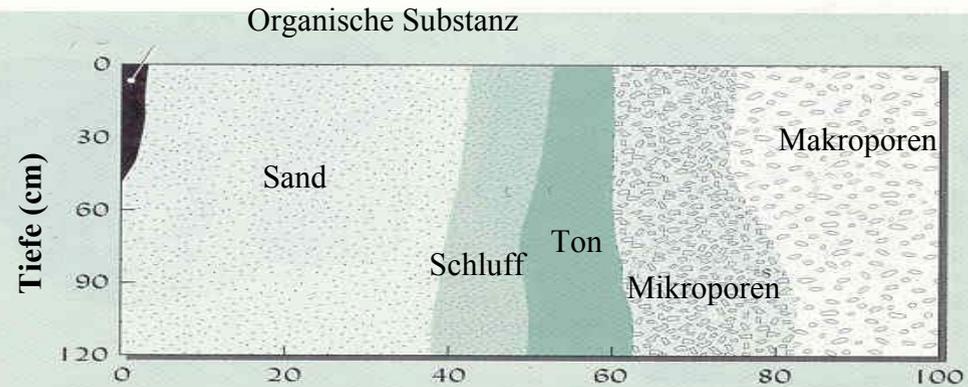


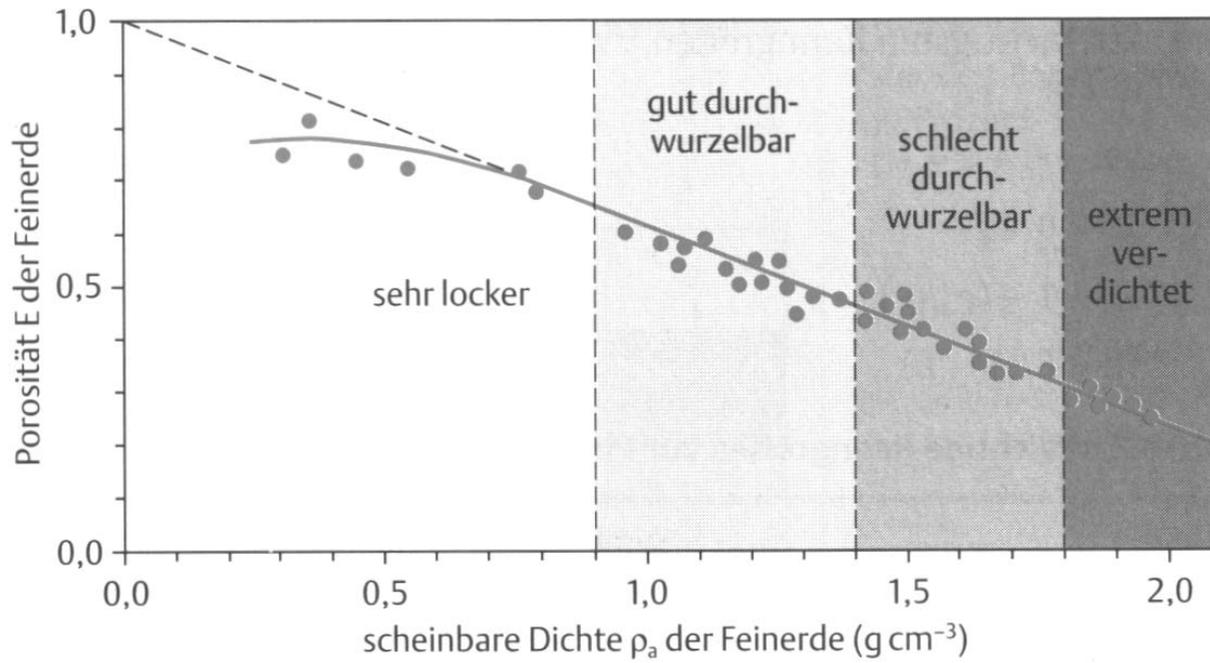
(b)

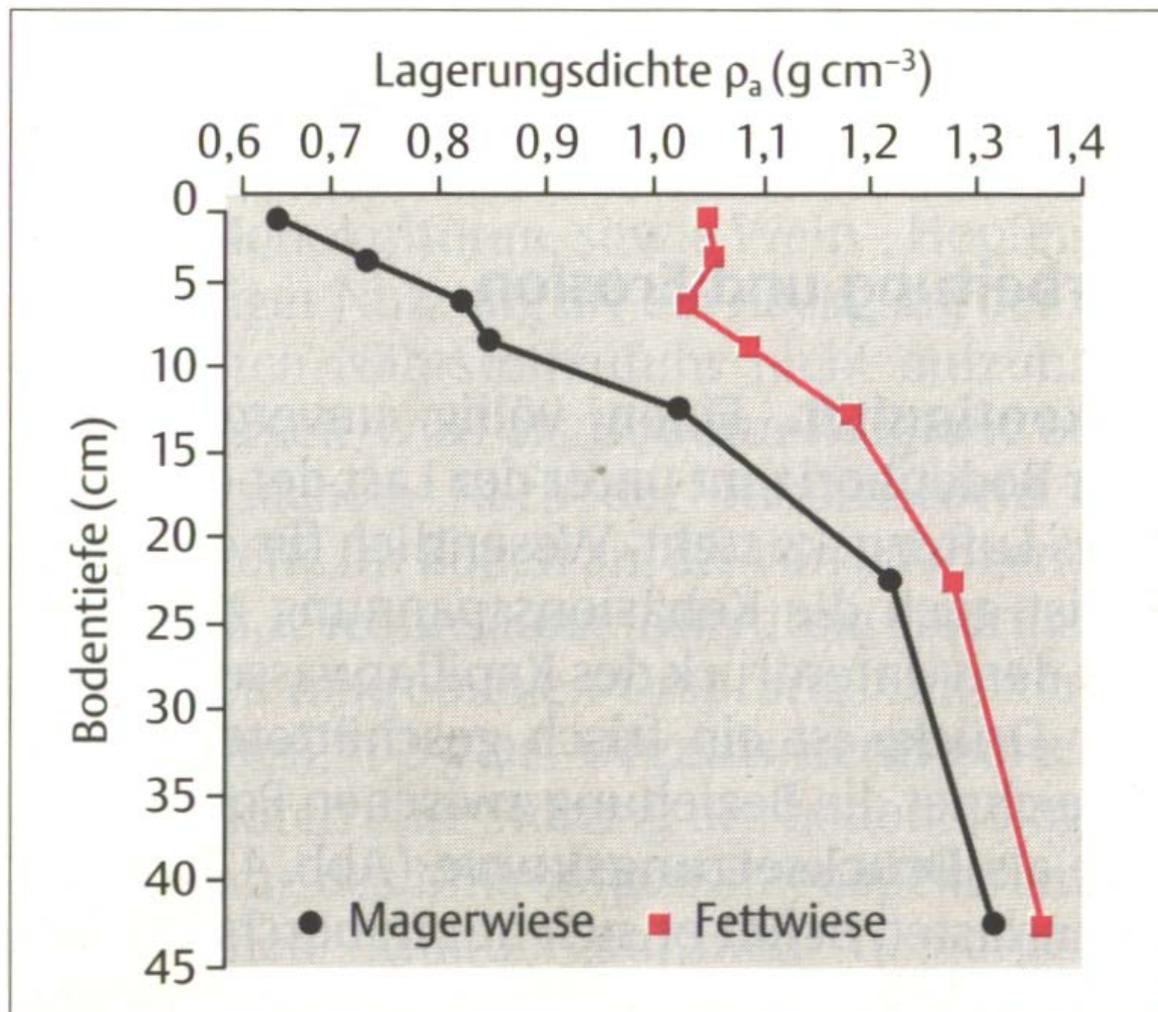


(c)

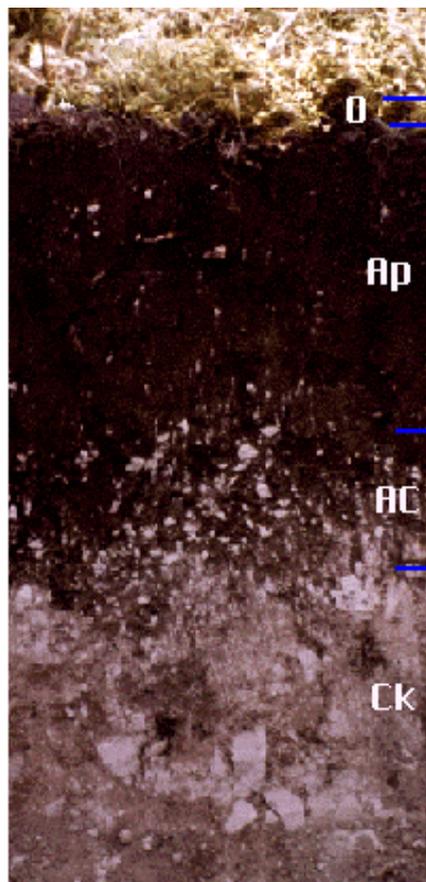


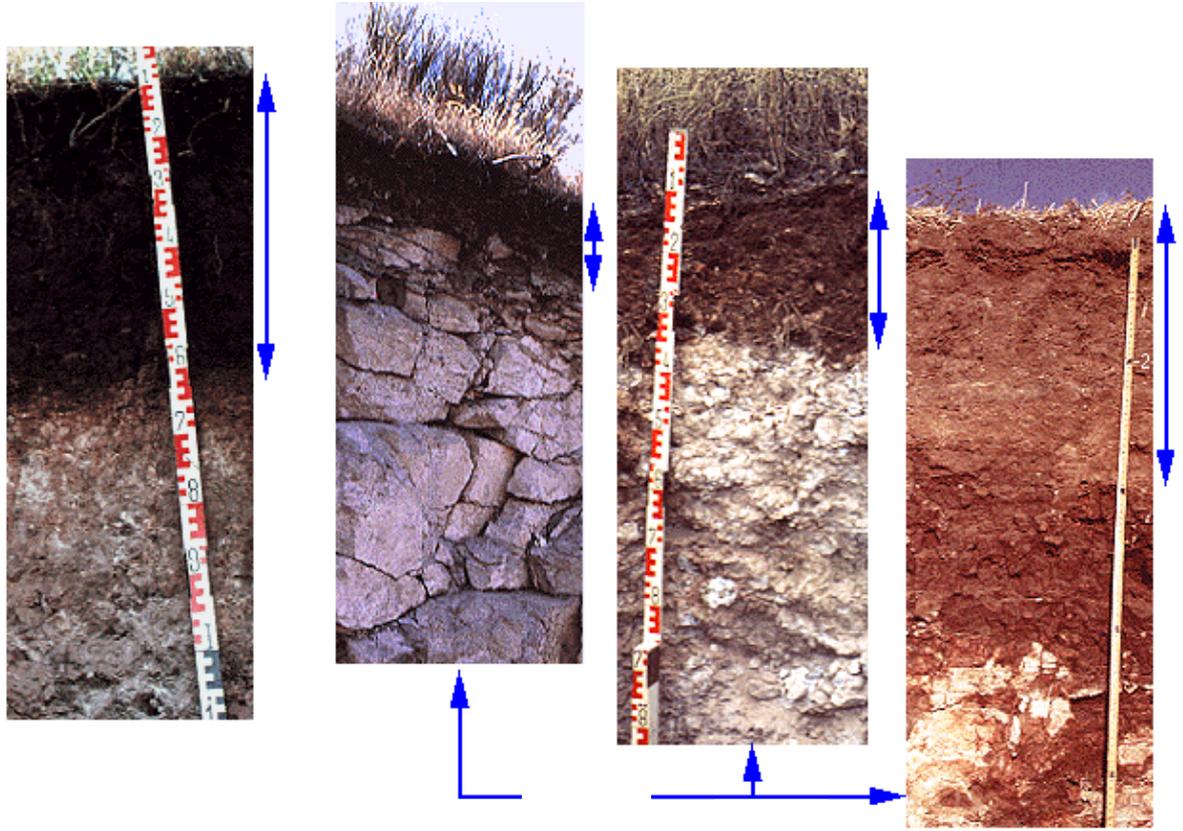


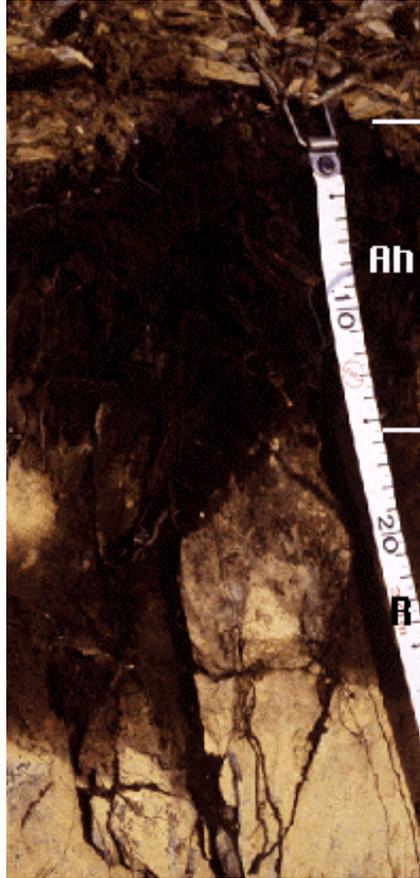


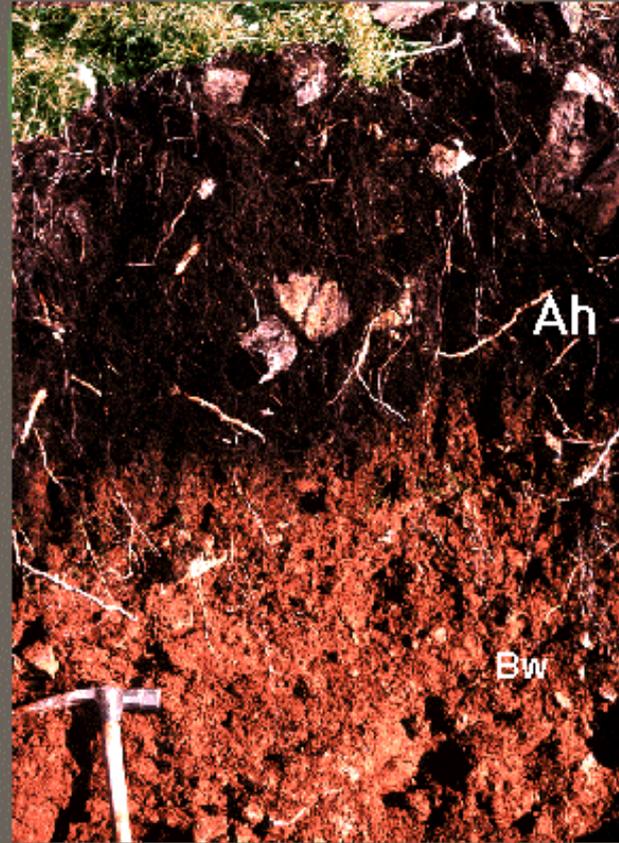
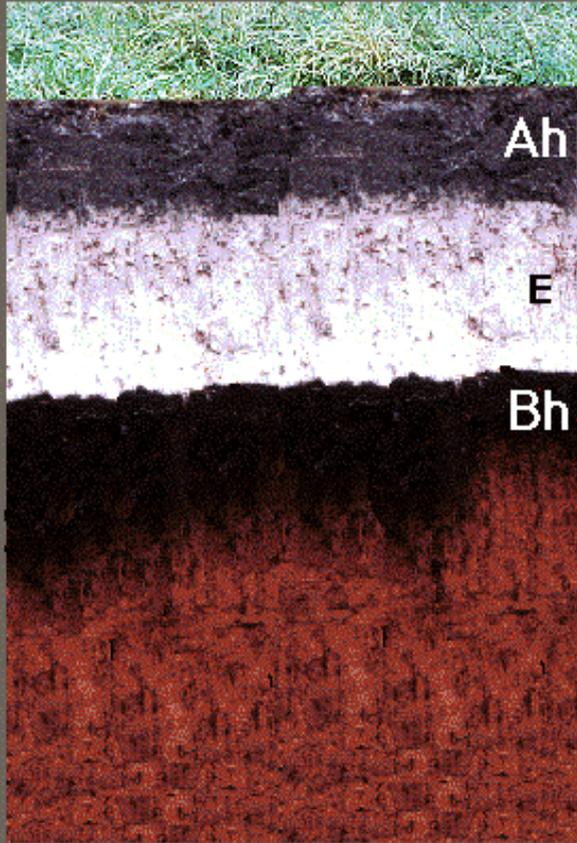


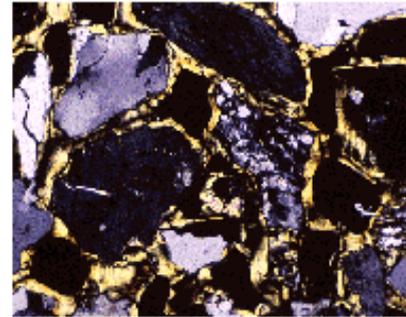
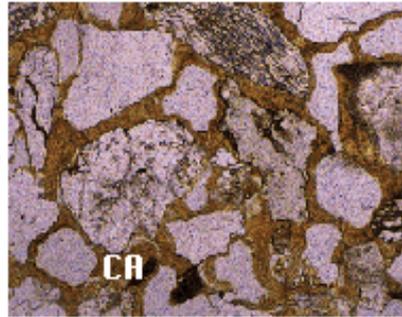
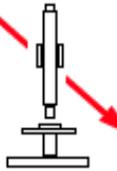
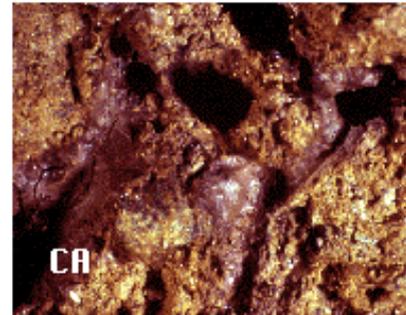
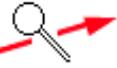
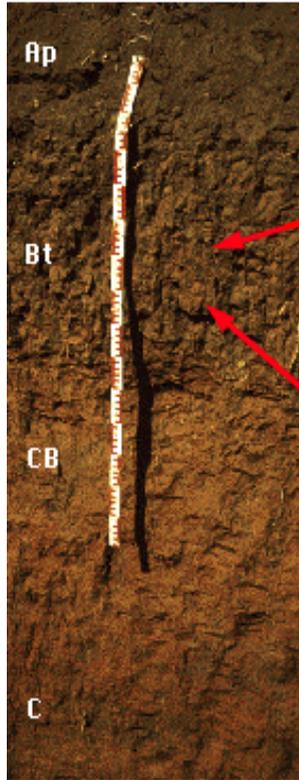


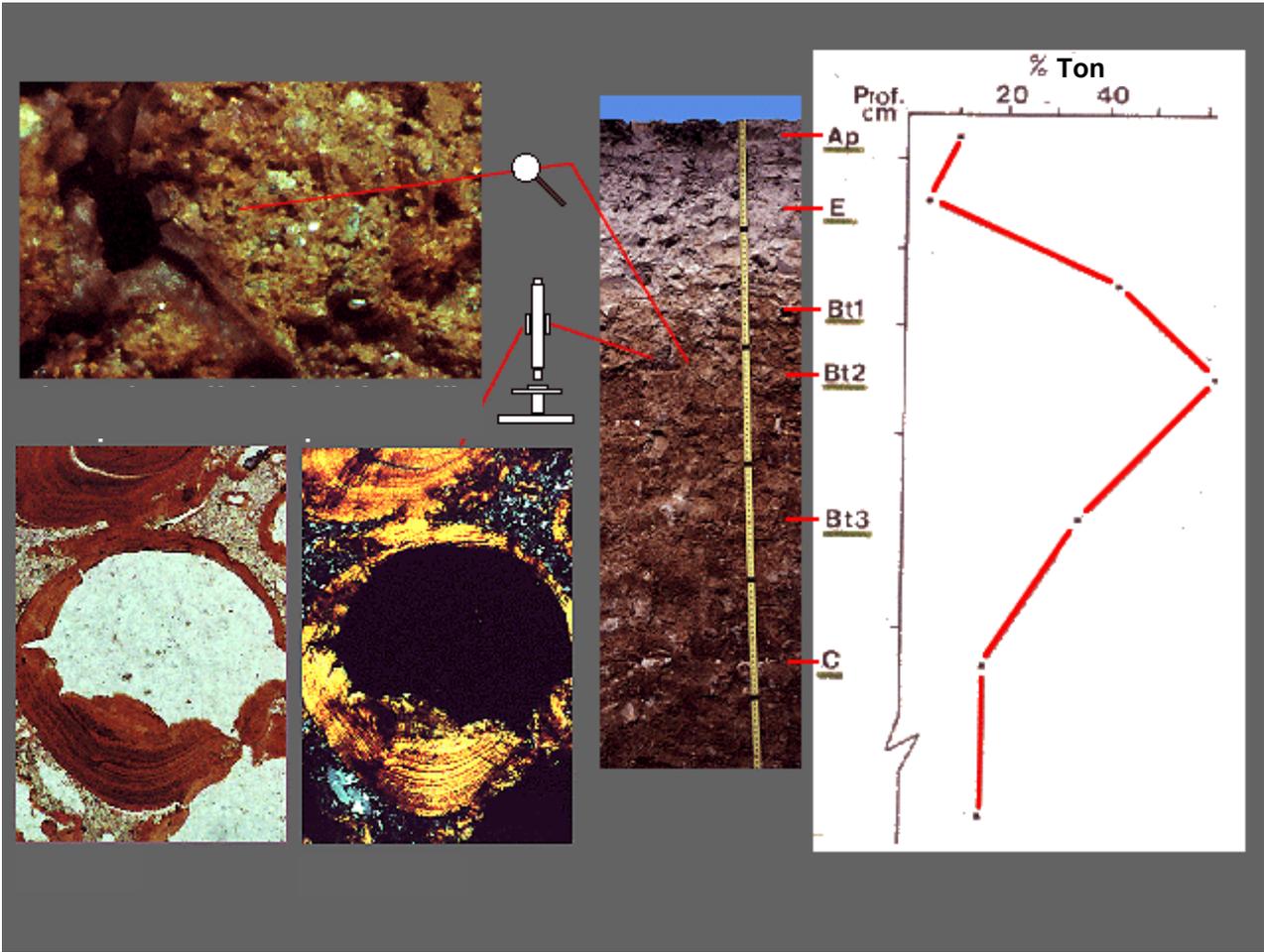






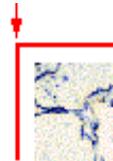








Ae



1mm

