

D. DURICRUSTS

Field Note D2f. Calcrete root tubules



Calcrete root tubules.

D. DURICRUSTS

Field Note D2f. Calcrete root tubules

Calcrete, which is formed as tubules around roots and buried grass and other organic materials is a variety of rhizolith (organosedimentary structures formed in soils or fossil soils (paleosols) by plant roots. They include root moulds, casts, and tubules, root petrifications, and rhizcretions) (Figures 1 to 5).



Figure 1. Calcrete tubules were formed around roots and buried grass on the shifting sand dunes. The covering sand was blown by the wind, exposing the tubules.



Figure 2. Calcrete tubule, formed around roots in the sand, now exposed.



Figure 3. Calcrete tubule, formed around roots in the sand, now exposed.



Figure 4. Calcrete tubules (formed on the shore of the Salt River Marsh).



Figure 5. Top and bottom: calcrete tubules, formed around roots, are exposed after the soil around them was eroded.