Soil Micromorphology: Concepts, Techniques, and Applications. (S09-vepraskas100129-Oral)

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Abstract:

Micromorphology is the study of soil morphology over scales that range from the unaided eye to the submicroscopic. The essence of this field is that the soil material studied must be in an undisturbed state. Micromorphologists have developed a unique terminology and special techniques to identify and describe virtually any feature found in soils or weathered rock. Common features evaluated include macropores and soil structural aggregates, soil organisms including plant roots, and soil minerals in both the weathered and unweatered states. Micromorphology is used today to identify wetland soils, classify soils, and to evaluate how water and solutes move through soil.

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