Histosol soil must have histic epipedon; usually aquic soil moisture regime; no diagnostic subsurface horizons; rapid decomposition when aerated; peat or bog; >20% organic matter; organic soil materials extending down to an impermeable layer or with an organic layer that is more than 40 cm thick and without andic properties; commonly in wetlands (swamps, marshes, etc.); comprises 1.2% of global & 1.3% of U.S. ice-free land.