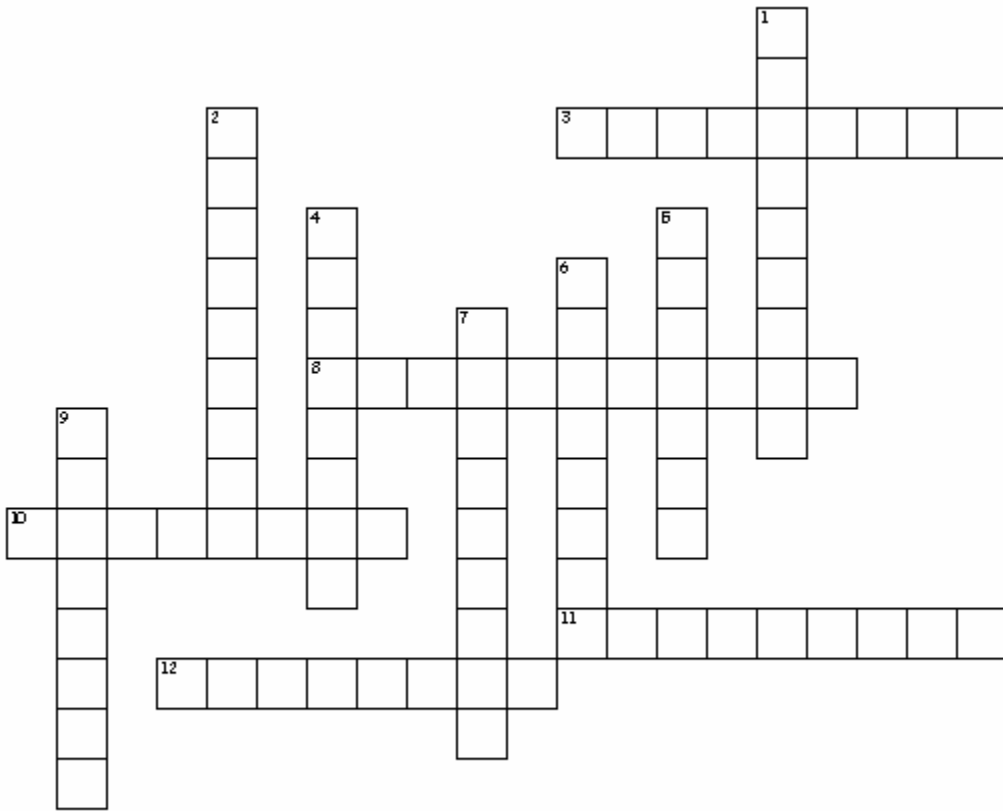


SOIL ORDERS CRISS CROSS



Use the clues below to fill in the names of the twelve soil orders in *Soil Taxonomy*.

Across

3. Grassland soils with high base status
8. Soils with weakly developed subsurface horizons
10. Moderately leached soils with a subsurface zone of clay accumulation and >35% base saturation
11. Acid forest soils with a subsurface accumulation of metal-humus complexes
12. Strongly leached soils with a subsurface zone of clay accumulation and <35% base saturation

Down

1. Soils of arid environments with subsurface horizon development
2. Organic soils
4. Soils formed in volcanic ash
5. Intensely weathered soils of tropical and subtropical environments
6. Soils with little or no morphological development
7. Clayey soils with high shrink/swell capacity
9. Soils with permafrost within 2 m of the surface