

FOOTNOTES TO "A PRELIMINARY
GENETIC CLASSIFICATION....etc."

- 1 Fabric of soil is the shape and arrangement of units of the soil, such as mineral and organic particles & aggregates of these. Pedorelict fabric may be inherited from paleosols, parent materials. (Brewer & Sleeman, Brewer, Journ. of Soil Sci., Vol. 11, #1 and #2, 1960).
- 2 Soil plasma particles are clay & & other colloidal particles, & relatively soluble matter which can be or have been "moved, re-organized, &/or concentrated by the processes of soil formation." (*ibid.*)
- 3 Skeleton grains of soil are those particles (clay to boulders in size), "and also resistant siliceous & organic bodies larger than colloidal size," which are "relatively stable & not readily translocated, concentrated or reorganized." (after Brewer)
- 4 A concretion is "an aggregate of inorganic matter in nodular, discoidal, rhizoid, cylindrical or other form. A nucleus of some sort is frequently present & the structure is very commonly concentric." (Tweh Hofel, Treatise on Sedimentation, 1932)
- 5 See the 7th Approximation, USDA
- 6 Mottling. "The term 'mottled' & 'mottling' mean that an object is marked or spotted with patches of different colors." (Simonson, Soil Sci., 71, #187, '51)
- 7 Cutans are "coatings on walls of voids" & "in situ modification" in texture, structure & fabric "of the plasma of such surfaces." (after Brewer)
- 8 Not included here is the fulgurite, which is "a vitrified crust, often tubular, produced by fusion of rock, sand, etc. by lightning." (Webster's Dictionary, 2nd ed., New Intern'tl, Unabrdgd)

DISARMAMENT

How do we make a rope of sand?
How do we build a house of clay?
The grains slip through the
molding hand,
The rains dissolve our walls
away.

Fire, only fire will fuse
the sand,
Fire, only fire will bake
the clay,
Then call down fire upon the land
To burn our helplessness away.

But dare we call down fire,
this fire
That melts the soul in inmost
part,
When the dark fuel its flames
require
Is the proud will, the fearful
heart?

Called down or not, the fire
will fall,
Fire that destroys, or fire that
heals.
Ours is the choice on which to
call,
Our choice of fire the future
seals.

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"SOIL AND SOUL"

"The earth a bit of star-dust is,
And all of us but smaller bits,
Of that celestial stuff.
In each of us, a bit of Soil
That makes us kin
To all that breathes;
In each of us, a bit of Soul
That makes us kin to God.

"Forget not, O my soul,
The sacred Soil!

"The Creator through
An eon's toil
Combined these two,
And said, 'It is enough,