

Soil Taxonomy and Standards Committee Report

Committee Members

- Charles Love, NRCS-AL, Co-Chair
- Joey Shaw, Auburn University, Co-Chair
- Pam Thomas, NRCS-SC
- Rick Robinns, NRCS-FL
- John Kelley, NRCS-NC
- Doug Slabaugh, NRCS-TN
- Scott Anderson, NRCS-AL

Committee Charges

1. Review the existing proposal for new taxonomic classifications and provide recommendations to NSSC for adoption in *Soil Taxonomy*.
2. Identify needed changes to the *NSSH, Field Guide for Describing and Sampling Soils*, and *Soil Survey Manual* to accommodate Subaqueous Soil Survey activities.

2008 Soil Taxonomy Proposals

- Five groups of proposed Soil Taxonomy revisions were submitted to the committee for review.
- All Taxonomy proposals outside the Southern Region were briefly reviewed and accepted as written.
- Proposals that impact the Southern Region were discussed in detail.

Proposals to Revise Soil Taxonomy

August 30, 2007

■ Normal Years Discussion

by Craig Ditzler, NSSC

■ Natraquerts

by Craig Ditzler, NSSC

■ Subaqueous Soils

by Mark Stolt, University of Rhode Island •••

South Region Committee Decisions

- Normal Years Discussion

Support and accept as written

- Natraquerts

Support and accept as written

- Subaqueous Soils

Support and accept as written, to be tested by the south

Proposals to Revise Soil Taxonomy

January 24, 2008

- Clarification of Clay Content Requirement for Paleustalfs, Palexeralfs, and Palexerolls
by Craig Ditzler and Bob Engel NSSC
(retired)
- Micaceous Soils
by Mica Research Group & John Kelly
NRCS-Raleigh, NC

South Region Committee Decisions

- Clarification of Clay Content Requirement for Paleustalfs, Palexeralfs, and Palexerolls
Support and accept as written
- Micaceous Soils
Support and accept as written

Proposals to Revise Soil Taxonomy

March 4, 2008

- Proposal to add Humic Great Groups to the Udepts, Ustepts, and Xerepts and Revise the current Humic subgroups in various great groups

by Bill Craddock MLRA Regional Office 18 Lexington, KY,
Roy Vick MLRA Regional Office 14 Raleigh, NC, and Bob
Engel NSSC (retired)

South Region Committee Decisions

- Add humic great groups to Udepts, Ustepts, and Xerepts
 - Support and accept as written

Proposals to Revise Soil Taxonomy

April 2008

- **Kanhapludults (1 new subgroup)**

by NRCS MLRA Regional Office 14 Raleigh, NC

- **Paleaquults (1 new subgroup)**

by NRCS MLRA Regional Office 14 Raleigh, NC

- **Paleudults (3 new subgroups and subgroup key)**

by NRCS MLRA Regional Office 14 Raleigh, NC

Proposals to Revise Soil Taxonomy

April 2008

■ Plinthic Horizon

by NRCS MLRA Regional Office 14 Raleigh, NC

South Region Committee Decisions

■ Kanhapludults, Paleaquults, & Paleudults

No Decision – Table for future studies under the MLRA concept

■ Plinthic Horizon

- Leave Taxonomy Keys alone, for now
- Propose to modify the definition for Plinthite in Taxonomy

Charge # 2

- Identify needed changes to the NSSH, Field Guide for Describing and Sampling Soils, and Soil Survey Manual to accommodate Subaqueous Soil Survey activities
- Recommendation:
The Subaqueous Soils AdHoc Committee to work with NSSC and other regions to help develop standards.