United States
Department of
Agriculture

Soil
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Service

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NATIONAL SOIL TAXONOMY HANDBOOK
430-VI
ISSUE NO. 5

Purpose. To distribute current amendments to Soil Taxonomy, Agriculture Handbook 436.

Effective Date. These amendments and revisions are effective when received.

Filing Instructions. File this copy of the changes in the 3-ring binder with Issues No. 1, 2, 3, and 4. It is suggested that you keep this binder with the Soil Taxonomy volume for easy reference.

Replace 615 contents dated August 1984 with the enclosed contents. Replace pages 615-2a and 615-2b dated August 1984 with the enclosed pages 615-2a and 615-2b and 615-2c dated December 1984. File pages 615.31-615-36 following page 615-30.

Supplementation. States and NTC's may not supplement the handbook.

Ralph J. McCracken

RALPH J. MCCRACKEN
Deputy Chief for
Assessment and Planning

DIST: NSTH

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§615.27 Lithic Vertic and Paralithic Vertic Subgroups.

The following changes are needed to eliminate Lithic Vertic and Paralithic Vertic Subgroups from Soil Taxonomy. These are in addition to the changes given in Issue No. 4 of the National Soil Taxonomy Handbook (NSTH), dated August 1984.

(a) Page 251, Distinctions between Typic Eutrochrepts and other subgroups, second column, item i.

(1) 1st line. Delete the words "either of" and letter "s" at the end of the word "combinations".

(2) 3rd line. Delete all of the line "(1) all three of the following characteristics".

(3) 4th line. Change "(a)" to (1).

(4) 9th line. Change "(b)" to (2).

(5) 16th line. Change "(c)" to (3) and delete "or" at end of sentence.

(6) Delete all of (2) to the end of item i (by prior instruction issue no. 4).

(b) Page 252, Distinctions between Typic Eutrochrepts and other subgroups, first column, Vertic Eutrochrepts, second line, delete "(1)".

(c) Page 252, Description of subgroups, first column, Typic Eutrochrepts.

(1) Third line from end of second paragraph, delete the word "either."

(2) Second line from end of second paragraph, delete the words "or by a shallow lithic contact."

(d) Page 254, Distinctions between Typic Ustochrepts and other subgroups, second column, item c.

(1) 1st line, Delete the words "either of" and the letter "s" at the end of the word "combinations."

(2) 3rd line, Delete all of the line "(1) all three of the following."

(3) 4th line, Change "(a)" to (1).

(4) 9th line, Change "(b)" to (2).

(5) 16th line, Change "(c)" to (3) and delete "or" at end of sentence.

615.27(d)(6)

(6) Delete all of (2) to the end of item c. (by prior instruction issue no. 4)

(e) Page 255, Distinctions between Typic Ustochrepts and other subgroups, first column.

(1) Delete the subgroup Lithic Vertic Ustochrepts.

(2) Delete the subgroup Paralithic Vertic Ustochrepts.

(3) Subgroup Vertic Ustochrepts, second line, delete "(1)."

(4) Description of Subgroups, first column, Typic Ustochrepts, delete the last sentence of the second paragraph beginning with "Shallow clayey soils that ---" to the end of paragraph.

(5) Description of Subgroups, second column, delete all of the subgroup description Lithic Vertic Ustochrepts.

(6) Description of Subgroups, second column, delete all of the subgroup description Paralithic Vertic Uslochrepts.

(f) Page 256, Distinctions between Typic Xerochrepts and other subgroups, first column. item e

(1) 1st line, delete the words "either of" and the letter "s" at the end of the word "combinations."

(2) 3rd line, delete all of the line "(1) all three of the following."

(3) 4th line, change "(a)" to (1).

(4) 9th line, change "(b)" to (2).

(5) 16th line, change "(c)" to (3) and delete "or" at the end of the sentence.

(6) Delete all of (2) to the end of item e. (by prior instruction issue no. 4)

(7) 2nd column, delete the subgroups Lithic Vertic Xerochrepts and Paralithic Vertic Xerochrepts.

(8) 2nd column, Subgroup Vertic Xerochrepts, second line, delete "(1)."

(9) Description of subgroups, second column, Typic Xerochrepts, second paragraph, line 12, delete beginning with "or Montmoril-" and all of line 13. ending with "Paralithic contact."

(g) Page 257, Descriptions of Subgroups, second column. Delete all of the subgroup descriptions for Lithic Vertic Xerochepts and Paralithic Vertic Xerochrepts.

(h) Page 260, Distinctions between Typic Eutropepts and other subgroups, second column, item e.

(1) 1st line, delete the words "either of" and the letter "s" at the end of the word "combinations."

(2) 3rd line, delete all of the line "(1) all three of the following."

(3) 4th line, Change "(a)" to (1).

(4) 9th line, Change "(b)" to (2).

(5) 16th line, Change "(c)" to (3) and delete "or" at the end of sentence.

(6) Delete all of (2) to the end of item e. (by prior instructión issue no. 4)

(7) 2nd column, delete the subgroups, Lithic Vertic Eutropepts and Paralithic Vertic Eutropepts.

(8) 2nd column, Subgroup Vertic Eutropepts second line, delete "(1)."

(9) Description of subgroups, second column, Typic Eutropepts, first paragraph, line 10, delete beginning with "that have clay --- through "Paralithic contact."

(i) Page 261, Description of Subgroups, Typic Eutropepts, first column, line 12, delete beginning with "If rock is shallow ---" through to end of paragraph.

(1) First column, delete the subgroups Lithic Vertic Eutropepts and Paralithic Vertic Eutropepts.

(j) Page 263, Distinctions between Typic Ustropepts and other subgroups, first column, item f.

(1) 1st line, delete the words "either of" and the letter "s" at the end of the word "combinations."

(2) 3rd line, delete all of the line "(1) all three of the following."

(3) 4th line, Change "(a)" to (1).

(4) 9th line, Change "(b)" to (2).

(5) 16th line, Change "(c)" to (3) and delete "or" at the end of sentence.

(6) Delete all of (2) to the end of item f. (by prior instruction issue no. 4)

615.27(j)(7)

(7) Second column, delete the subgroups, Lithic Vertic Ustropepts and Paralithic Vertic Ustropepts.

(8) Second column, Subgroup Vertic Ustropepts, second line, delete "(1)."

(9) Description of Subgroups, second column, delete all of the subgroup description for Lithic Vertic Ustropepts.

(k) Page 264, Description of Subgroups, first column, delete all of the subgroup description for Paralithic Vertic Ustropepts.

(l) Page 300, Distinctions between Typic Argiustolls and other subgroups, first column, item g.

(1) 1st line, delete the words "either of" and the letter "s" at the end of the word "combinations."

(2) 3rd line, delete all of the line "(1) Either."

(3) 4th line, Change "(a)" to (1).

(4) 9th line, Change "(b)" to (2).

(5) 16th line, Change "(c)" to (3).

(6) Delete all of (2) to the end of item g. (by prior instruction issue no. 4)

(7) First column, delete the subgroup, Lithic Vertic Argiustolls.

(8) Second column, subgroup Torrertic Argiustolls, second line delete "(1)."

(9) Second column, Description of Subgroups, Typic Argiustolls, second paragraph, line 15, delete sentence beginning with "Shallow soils--".

(m) Page 301, Description of Subgroups, first column, delete all of the subgroup descriptions for Lithic Vertic Argiustolls.

(n) Page 303, Distinctions between Typic Haplustolls and other subgroups, second column, item h.

(1) 1st line, delete the words "either of" and the letter "s" at the end of the word "combinations."

(2) 3rd line, delete all of the line "(1) do not have any of the following."

(3) 4th line, change "(a)" to (1).

(4) 9th line, change "(b)" to (2).

(5) 16th line, change "(c)" to (3) and delete the word "and" at the end of the sentence.

(6) Delete all of (2) to the end of item h. (by prior instruction issue no. 4)

(o) Page 304, Distinctions between Typic Haplustolls and other subgroups, first column, delete the subgroups Lithic Vertic Haplustolls and Paralithic Vertic Haplustolls.

(1) Subgroup Torrertic Haplustolls, second line, delete "(1)."

(2) Subgroup Udertic Haplustolls, second line, delete "(1)."

(3) Subgroup Vertic Haplustolls, second column, second line, delete "(1)."

(p) Page 305, Description of Subgroups, first and second column, delete all of the subgroup descriptions for Lithic Vertic Haplustolls and Paralithic Vertic Haplustolls.

(q) Page 316, Destinctions between Typic Haploxerolls and other subgroups, first column, item j.

(1) 1st line, delete the words "either of" and the letter "s" at the end of the word "combinations".

(2) 3rd line, delete all of the line "(1) Either."

(3) 4th line, change "(a)" to (1).

(4) second column, 3rd line, change "(b)" to (2).

(5) second column, 10th line, change "(c)" to (3).

(6) second column, delete all of (2) to the end of item j. (by prior instruction issue no. 4)

(r) Page 317, Distinctions between Typic Haploxerolls and other subgroups, first column, subgroups Torrertic Haploxerolls and Vertic Haploxerolls, second lines, delete "(1)."

§615.28 Plate 8c

(s) Page 104, plate 8c, a cryic placohumod should read - The placic horizon is about 50 cm (20 inches) below the surface (scale in feet) Alaska. (error in Soil Taxonomy)

615.29(t)
§615.29 Hapludolls

(t) Page 297. There was a typographical error in issue no. 4. It should read "Aquic Hapludolls are like Typic Hapludolls except for a or for a and c."