United States
Department of
Agriculture

Soil
Conservation
Service

P.O. Box 2890
Washington, D.C.
20013

January 23, 1985

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.

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DIST: NSTH

CONTENTS
PART 615 - AMENDMENTS TO SOIL TAXONOMY

Sec.

615.00 General
615.00-1 Purpose of amendments
615.00-2 Changes at the series level
615.00-3 Amendments to Soil Taxonomy above the series level
615.01 Addition of particle-size classes
615.02 Deletion of temperature requirements of Vertisols
615.03 Redefinition of Arenic Albaqualfs
615.04 Establishment of great group Fragixeralfs
615.05 Changes in key to Mollisols and Inceptisols
615.06 Change in definition of Arenic Ochraqualfs
615.07 Mollic Natraqualfs and Typic Natralbolls
615.08 Changes in definitions of diagnostic horizons
615.09 Changes in identification key
615.10 Changes in order of Alfisols
615.11 Changes in order of Aridisols
615.12 Changes in order of Entisols
615.13 Changes in order of Histosols
615.14 Changes in order of Inceptisols
615.15 Changes in order of Mollisols
615.16 Changes in order of Oxisols
615.17 Changes in order of Spodosols
615.18 Changes in order of Ultisols
615.19 Changes in definitions of family and series
615.20 Changes in classification of pedons in Appendix IX
615.21 Changes in definitions of family and series
615.22 [illegible]

615.24 Ochraquults
615.25 Lithic Vertic and Paralithic Vertic Subgroups
615.26 Durustolls
615.27 Lithic Vertic and Paralithic Vertic Subgroups
615.28 Plate 8c

§615.00 (b) Index to pages of Soil Taxonomy.

Section	Page
615.08	14
615.08	16
615.08	18
615.08	30
615.08	31
615.08	32
615.08	33
615.08	34
615.08	45
615.08	46
615.08	48
615.08	49
615.08	50
615.08	62
615.08	64
615.08	68
615.09	92
615.10	95
615.10	96
615.10	109
615.10	125
615.10	130
615.10	132
615.10	134
615.10	135
615.10	138
615.10	139
615.10	142
615.10	147
615.10	151
615.11	160
615.12	179
615.12	181
615.12	183
615.12	206
615.13	222
615.14	228
615.14	229
615.14	230
615.14	236
615.14	239
615.14	240
615.14	241
615.14	247
615.14	248
615.14	267
615.15	271
615.15	272
615.15	286

Section	Page
615.15	288
615.15	294
615.15	295
615.15	296
615.15	298
615.15	299
615.15	300
615.15	306
615.15	307
615.15	308
615.15	310
615.15	316
615.16	324
615.16	327
615.17	337
615.18	350
615.18	360
615.19	383
615.19	384
615.19	385
615.19	388
615.20	513
615.20	615
615.21	385
615.22	183
615.22	194
615.23	289
615.23	297
615.24	353
615.25	251
615.25	254
615.25	256
615.25	260
615.25	263
615.25	300
615.25	303
615.25	316
615.26	298
615.26	303
615.27	251
615.27	252
615.27	254
615.27	255
615.27	256
615.27	257
615.27	260
615.27	261
615.27	263
615.27	264
615.27	300
615.27	301

Section	Page
615.27	303
615.27	304
615.27	305
615.27	316
615.27	317
615.28	104
615.29	297

(Next page is 615-2m)

§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 [illegible]

"

(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

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 [illegible]

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

(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 [illegible]

(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."