United States Department of
Soil Conservation
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NATIONAL SOILS TAXONOMY HANDBOOK
430-VI
ISSUE NO. 6

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

Effective Date. These amdendments 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, 4, and 5. It is suggested that you keep this binder with the Soil Taxonomy volume for easy reference.

Replace 615 contents dated December 1984 with the enclosed contents dated August 1985. Replace page 615-2c dated December 1984 with the enclosed pages 615-2c, 615-2d, 615-2e, and 615-2f dated August 1985. File pages 615.37-615-45 following page 615-36.

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

Gale W. Le Sille Acting for

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Acting Deputy Chief for
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§615.30 Changes in horizon designations.

(a) The following changes in horizon designations have been approved. This will update Soil Taxonomy in accordance with Chapter 4 of the revised Soil Survey Manual. Certain designations and the conventions for using them have been changed from those given in the Soil Survey Manual, Agricultural Handbook No. 18, and the May 1962 Supplement to Agriculture Handbook No. 18, Identification and Nomenclature of Soil Horizons. These changes and modified definitions conform as closely as possible to other systems that are commonly referenced internationally.

(b) These changes in horizon designations are made by synoptic comparison in order to convey the original meaning as intended by the authors of subject pedon descriptions.

(c) The new horizon designations are included for the text part of Soil Taxonomy only. Horizon designations are not changed for the pedon descriptions in the appendix.

(d) The following changes are required in Soil Taxonomy to accomodate these amendments.

- Page 4, second column, lines 21, 23 and 39. Before A1 insert A and place A1 in parenthesis - line 40, before A2 insert E and place A2 in parenthesis.

- Page 15, second column, lines 5, 14, 15 and 19. Change IC to 1C - lines 6, 7, and 19. Change IIC to 2C.

- Page 16, second column, lines 37, 39, 43 and 47. Before A2 insert E and place A2 in parenthesis.

- Page 18, second column, line 5. Change A1 to A - lines 10 and 11, change IC to 1C - line 13, change A2 to E.

- Page 23, second column, line 12. Before B3 insert BC and place B3 in parenthesis - before C1 and insert CB and place C1 in parenthesis.

- Page 25, first column, line 2. Before A&B insert E/B and place A&B in parenthesis.

- Page 26, second column, line 12. Change B1 horizon to BA or BE horizons - lines 37 and 40, change A1 to A.

- Page 29, first column, line 12. Change A1 to A - second column, line 1, change (A'2) to (E').

- Page 30, first column, line 9. Change A2 to E - second column line 30, change A1 to A and 02 to 0.

- Page 31, first column, lines 44, 45, 52, and 54. Change A1 to A, A2 to E, B3 to BC and A'2 to E'.

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- Page 32, second column, line 13. Change A1 to A and A2 to E.

- Page 33, second column, lines 36 and 37. Change A3 to AB and B1 to BA.

- Page 36, first column, lines 43, 44 and 46. Change ca to k.

- Page 42, first column, line 28. Change (A2) to (E) - second column, lines 60, 61 and 63. Change ca to k, cs to y and sa to z.

- Page 43, first column, line 5. Change A'2 to E'.

- Page 44, first column, lines 23 and 24. Change A'2 to E'.

- Page 45, first column, line 22. Change ca to k - second column, lines 3, 5, and 7, change ca to k - line 36, change A1 to A.

- Page 46, first column, lines 16 and 19. Change ca to k.

- Page 51, second column, lines 23 and 43. Change ca to k.

- Page 73, second column, line 16. Change A1 to A.

- Page 109, first column, line 1. Change A1 to A - second column, line 15, change A1 to A.

- Page 110, first column, profile description. Change A2 to E, AB to EB, B21tg to Btg1, B22tg to Btg2 and B3tg to BCtg - second column, line 5, change A1 to A.

- Page 111, first column, lines 27 and 41. Change A1 to A - second column, line 13, change A1 to A.

- Page 112, first column, profile description. Change A21g to Eg1, A22g to Eg2 and B3g to BCg - line 51 change A1 to A - second column, lines 18 and 29, change A1 to A.

- Page 113, second column, profile description. Change 01 to 0i, A1 to A, A2g to Eg, B&Ag to B/Eg, B2tg to Btg and B3g to BCg - line 54, change A1 to A.

- Page 114, first column, lines 26 and 50. Change A1 to A.

- Page 115, second column, line 12. Change A1 to A.

- Page 116, first column, line 29. Change A1 to A - second column, line 3, change A1 to A.

- Page 117, first column, line 2. Change A1 to A - second column, line 36, change A1 to A.

- Page 118, second column, profile description. Change A12 to A, B21tg to Btg1 and B22tg to Btg2.

- Page 119, first column, line 37. Change A1 to A - line 39 change ca to k - second column, line 32, change ca to k.

- Page 122, second column, line 20. Change A1 to A.

- Page 123, first and second column, profile description. Change A1 to A, A21 to E1, A22 to E2, A&B to E/B, B21 to Bw, IIB22 to 2Bw, IIB3 to 2BC and IIC to 2C.

- Page 124, second column, profile description. Change 01 to Oi; 02 to Oe, A21 to E1, A22 to E2, A&B to E/B, B&A to B/E, B21 to Bw1 and B22 to Bw2. Change A2 to E in text part of description.

- Page 125, first column, line 44. Change A1 to A.

- Page 126, second column, line 43. Change (A'2) to (E').

- Page 128, second column, profile description. Change A2 to E, A&B to E/B, B&A1 to B/E1 and B&A2 to B/E2. Change A2 to E and B2 to B in text part of description.

- Page 129, second column, line 10. Change A1 to A.

- Page 133, first column, profile description. Change A2 to E, AB to EB, B21t to Bt1, B22t to Bt2, B31 to BC1, B32 to BC2 and IIC to 2C.

- Page 136, second column, profile description. Change B21t to Bt1, B22t to Bt2, B23t to Bt3, B24t to Bt4 and B25t to Bt5.

- Page 137, second column, line 17. Change ca to k.

- Page 138, second column, profile description. Change A1 to A.

- Page 139, first column, profile description. Change B1 to BA, B21t to Bt, B22tca to Btk and Cca to Ck.

- Page 141, first column, line 39. Change ca to k - second column, profile description. Change A2 to E, B2t to Bt and B3ca to BCk. Change A2 to E and B2t to Bt in text of description.

- Page 142, first column, lines 51 and 60. Change ca to k.

- Page 146, first column, profile description. Change A1 to A and B2t to Bt - line 57, change ca to k - second column, line 3, change ca to k.

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- Page 148, second column, line 41. Change A1 to A.

- Page 149, first column, line 56. Change A1 to A - second column, lines 28 and 43, change A1 to A.

- Page 150, first column, lines 6 and 24. Change A1 to A - second column, line 2, change A1 to A.

- Page 151, second column, line 30. Change A1 to A.

- Page 152, first column, lines 33 and 61. Change A1 to A - second column, lines 15 and 53, change A1 to A.

- Page 160, second column, line 37. Change ca to k.

- Page 162, first and second column, profile description. Change A11 to A1, A12 to A2, IIB to 2BAt, IIB2t to 2Bt, IIB3q to 2BCq, III Csicam to 3Cqkm and III C2 to 3C.

- Page 167, first column, line 6. Change ca to k.

- Page 172, first column, lines 55 and 59. Change ca to k.

- Page 182, first column, profile description. Change 01 to Oi, C1 to C, C2g to Cq1 and C3g to Cq2. Second column, profile description. Change A11 to A, A12g to Ag, C1g to Cg1 and C2g to Cg2.

- Page 183, first column, line 36. Change A1 to A.

- Page 185, second column, line 46. Change A1 to A.

- Page 186, first column, lines 30 and 33. Change A1 to A - second column, lines 4, 17, and 21, change A1 to A.

- Page 188, second column, profile description. Change 011 to Oi, 012 to Oe, A1 to A and IC3 to 2C - line 59 change A1 to A.

- Page 189, first column, line 17, Change A1 to A.

- Page 191, first column, line 34. Change A1 to A.

- Page 192, second column, line 27. Change A1 to A.

- Page 193, second column, profile description. Change A1 to A, C1 to C, IIC2 to 2C, IIIC3 to 3C and IVC4 to 4C - line 54 change A1 to

- Page 196, second column, profile description. Change A1 to A, C1ca to Ck and C2 to C.

- Page 203, first column, line 12. Change A1 to A - second column, profile description, change A1 to A.

- Page 204, first column, line 7. Change A1 to A - second column, line 13, change A1 to A.

- Page 206, first column, profile description. Change B2 to Bw and B3 to BC.

- Page 208, first column, profile description. Change O1 to Oi. A11 to A1, A12 to A2 and A13 to A3.

- Page 212, first column. Delete section on Horizon Designations for Histosols.

- Page 216, first and second columns, profile descriptions. Change Oa1 to Oa, Oi3 to Oi1 and Oi4 to Oi2.

- Page 230, first column, line 19. Change A1 to A.

- Page 231, first column, line 16. Change A1 to A.

- Page 233, second column, line 19. Change A1 to A.

- Page 234, second column, lines 25 and 38. Change ca to k.

- Page 237, second column, line 10, 37, and 44. Change A1 to A.

- Page 238, first and second columns, profile description. Change O11 to Oi, O12 to Oe, A1 to A, B2g to Bg and C1 to C.

- Page 240, second column, profile description. Change A11 to A1, A12,to A2 B2g, to Bg, C1g to Cg1 and C2g to Cg2.

- Page 241, second column, profile description. Change B21g to Bg1, B22g to Bg2, and B23g to Bg3 and B24g to Bg4.

- Page 242, first column, profile description. Change B3g to BCg, C1g to Cg, C2 to C1 and C3 to C2 - line 31 change A1 to A - second column, lines 1 and 56, change A1 to A.

- Page 243, first column, line 14. Change A1 to A - second column, profile description, change A1 to A, A3 to AB, B1g to BAg, B2g to Bg, C1g to Cg and IIC2 to 2C.

- Page 244, first column, line 48. Change A1 to A - profile description. Change O1 to Oi, A1g to Ag, A2g to Eg and B2ir to Bs.

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- Page 246, first column, line 5. change A1 to A.

- Page 247, second column, profile description. Change A11 to A1, A12 to A2, B21 to Bw1, B22 to Bw2, B23 to Bw3 and B24 to Bw4.

- Page 248, second column, profile description. Change A11 to A1.

- Page 249, first column, profile description. Change A12 to A2, B2 to Bw, 11C1sim to 2Cqm1 and 11C2sim to 2Cqm2.

- Page 253, first and second columns, profile description. Change B2 to Bw. A'2 to E. B'x1 to Bx1. B'x2 to Bx2 and B'x3 to Bx3.

- Page 254, first column, line 18. Change ca to k - profile description. Change A1 to A, B2 to Bw and B3ca to Bca.

- Page 255, first column, line 60. Change ca to k.

- Page 256, second column, line 33. Change ca to k.

- Page 257, first column, line 24. Change ca to k.

- Page 262, second column, line 42. Change ca to k.

- Page 263, first column, profile description. Change A1 to A and change B to Bw.

- Page 264, second column, profile description. Change A11 to A1, A12 to A2 and B21 to Bw1.

- Page 265, first column, profile description. Change B22 to Bw2.

- Page 266, first column, profile description. Change B1 to BA and B2 to Bw - second column, profile description - change 01 to Oi; A1 to A, A3 to AB and B2 to Bw.

- Page 267, first column, profile description. Change B3 to BC.

- Page 268, first and second columns, profile description. Change A3 to AB, B1 to BA, B21 to Bw1, B22 and Bw2 and B3 to BC.

- Page 273, second column, line 36. Change ca to k.

- Page 274, first column, lines 31 and 32. Change A1 to A and B2 to Bt.

- Page 277, second column, profile description. Change 01 to oi, A11g to Ag1, A12g to Ag2, B2g to Bg and IICq to 2cg.

- Page 278, second column, profile description. Change A11 to A1.

- Page 279, first column, profile description. Change A12 to A2, A13 to A3, B2 to Bw, C1msi to Cqm, C2 to C, C3msi to C'qm and C4 to C'.

- Page 280, second column, lines 3, 17, and 18. Change A1 to A.

- Page 281, first column, profile description. Change A2 to E, B21t to Bt1, B22t to Bt2, B3sa to BCz, Ccasa to Ckz.

- Page 282, first column, line 26. Change ca to k.

- Page 284, second column, profile description. Change A11 to A1, A12 to A2, C1ca to Ck1, C2ca to Ck2 and C3ca to Ck3.

- Page 285, second column, line 22. Change ca to k.

- Page 286, second column, line 43. Change ca to k.

- Page 287, second column, line 49. Change ca to k.

- Page 288, first column, lines 9 and 43. Change ca to k.

- Page 290, second column, lines 1 and 43. Change ca to k - column 2 line 42 change sa to z.

- Page 292, first column, profile description. Change 01 to oi, A11 to A1, A12 to A2, A2 to E and B2t to Bt.

- Page 293, first column, line 27. Change ca to k - second column profile description. Change A1p to Ap, A12 to A1, A13 to A2, C1ca to Ck1, C2ca to Ck2 and C3 to C.

- Page 295, second column, line 12. Change ca to k.

- Page 296, second column, line 10. Change ca to k.

- Page 297, second column lines 34 and 39. Change A1 to A.

- Page 298, second column line 42. Change ca to k.

- Page 299, second column, line 11 and 12. Change ca to k, sa to z and cs to y.

- Page 301, first column, line 2 and 53. Change ca to k and sa to z.

- Page 306, first column, lines 35 and 60. Change ca to k and sa to z.

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- Page 307, first column, line 29. Change ca to k - second column, profile description, change B21t to Bt1, B22t to Bt2, B23t to Bt3, B24t to Bt4, and B25tca to Btk1.

- Page 308, first column, profile description. Change B26tca to Btk2, B27tca to Btk3, IIB3ca to 2Bck and IIc to 2c.

- Page 311, first column, line 10. Change ca to k.

- Page 319, first column, line 59. Change ca to k.

- Page 320, first column, line 38. Change ca to k.

- Page 334, second column, profile description. Change 01 to Oi, A2 to E, B21cn to Bc and B22m to Bm.

- Page 335, second column, profile description. Change B2 to Bw and A'2 to E.

- Page 336, first column, profile description. Change B'x1 to Bx1, B'x2 to Bx2 and C1 to C.

- Page 338, second column, profile description. Change 01 to oi. A1 to A, A2 to E, B21h to Bh, B22ir to Bs and B3 to BC.

- Page 344, first column, line 50. Change (A'2) to (E').

- Page 349, second column, item a, line 3. Change "within" to "at".

- Page 350, second column, line 55. Change A1 to A.

- Page 351, first column, line 43. Change A1 to A.

- Page 352, first column, lines 6 and 49. Change A1 to A, - second column, lines 6 and 20. Change A1 to A.

- Page 353, first column, profile description. Change A2g to Eg, B2tg to Btg, B3tg to BCtg and IICg to 2Cg - second column, line 6, Change A1 to A and "Distinctions Between Typic Ochraqults and Other Subgroups" added by NSTH issue No. 4. Change A1 to A.

- Page 354, first column, line 25. Change A1 to A.

- Page 355, first column, line 45. Change A1 to A.

- Page 357, second column, profile description. Change B21t to Bt1, B22t to Bt2, B23t to Bt3 and B3 to BC.

- Page 361, first column, line 38. Change A1 to A - second column, line 3, change A1 to A and line 38 change A'2 ato E'.

- Page 363, first column, line 8. Change A1 to A.

- Page 372, first column, profile description. Change B21t to [illegible]

Bt1, B22t to Bt2, B31 to BC1 and B32 to BC2.

- Page 376, first column, line 3. Change A1 to A, line 7 change ca to k.

- Page 379, second column, line 15. Change ca to k. line 16, change A1 to A.

- Page 391, first column, lines 27 and 28. Change ca to k.