

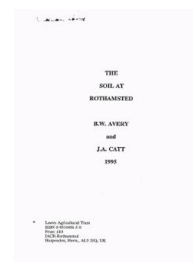
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The Soil at Rothamsted

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References

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References

- Avery, B.W. (1964). The Soils and Land Use of the District around Aylesbury and Hemel Hempstead (Sheet 238). Memoir of the Soil Survey of Great Britain: England and Wales. H.M.S.O., London.
- Avery, B.W. (1973). Soil classification in the Soil Survey of England and Wales. *J. Soil Sci.* **24**, 324-338.
- Avery, B.W. (1980). Soil Classification for England and Wales (Higher Categories). Soil Survey Tech. Monograph 14. Harpenden.
- Avery, B.W. and Bascomb, C.L. (Eds) (1982). Soil Survey Laboratory Methods. Soil Survey Tech. Monograph 6. Harpenden.
- Avery, B.W. and Bullock, P. (1969). Morphology and classification of Broadbalk soils. Rothamsted Experimental Station Report for 1968, Pt. 2, 63-81.
- Avery, B.W., Bullock, P., Catt, J.A., Newman, A.C.D., Rayner, J.H. and Weir, A.H. (1972). The soil of Barnfield. Rothamsted Experimental Station Report for 1971, Pt. 2, 5-37.
- Avery, B.W., Bullock, P., Catt, J.A., Rayner, J.H. and Weir, A.H. (1982). Composition and origin of some brickearths on the Chiltern Hills, England. *Catena* **9**, 153-174.
- Avery, B.W., Stephen, I., Brown, G. and Yaalon, D.H. (1959). The origin and development of brown earths on Clay-with-flints and Coombe Deposits. *J. Soil Sci.* **10**, 177-195.
- Boyd, D.A., Cooke, G.W., Dyke, G.V., Moffat, J.R. and Warren, R.G. (1962). The Rothamsted ley-arable rotation experiment. Rothamsted Experimental Station Report for 1961, 173-180.
- British Standards Institution (1975). B.S. 1377: Methods of testing soils for engineering purposes. London.
- Brown, G., Catt, J.A., Hollyer, S.E. and Ollier, C.D. (1969). Partial silicification of chalk fossils from the Chilterns. *Geol. Mag.* **106**, 583-586.
- Burnham, C.P. and Mutter, G.M. (1993). The depth and productivity of chalky soils. *Soil Use and Management* **9**, 1-8.
- Catt, J.A. (1969). The soils of Broadbalk: the origin and development of the soils. Rothamsted Experimental Station Report for 1968, Pt. 2, 89-93.
- Clayden, B. and Hollis, J.M. (1984). Criteria for differentiating soil series. Soil Survey Tech. Monograph 17. Harpenden.
- F.A.O. (1990). F.A.O.-UNESCO Soil Map of the World: revised Legend. World Soil Resources Report 60. Rome.
- Green, F.H.W. (1940). The Land of Britain: Hampshire. Part 89. Reports of the Land Utilization Survey of Britain. Geographical Publications, London.
- Haines, W.B. and Keen, B.A. (1925). Studies in soil cultivation. III. Measurements on the Rothamsted classical plots by means of dynamometer and plough. *J. agric. Sci., Camb.* **15**, 395-406.
- Hall, A.D. (1917). The Book of the Rothamsted Experiments: 2nd edition, revised by E.J. Russell. John Murray, London.
- Hodge, C.A.H., Burton, R.G.O., Corbett, W.M., Evans, R. and Seale, R.S. (1984). Soils and their use in Eastern England. Soil Survey of England and Wales Bulletin No. 13. Harpenden.
- Hodgson, J.M. (1967). Soils of the West Sussex Coastal Plain. Soil Survey of Great Britain: England and Wales. Bulletin No. 3. Harpenden.

- Hodgson, J.M. (Ed.) (1974). Soil Survey Field Handbook. Soil Survey Tech. Monograph 5. Harpenden.
- Hodgson, J.M., Catt, J.A. and Weir, A.H. (1967). The origin and development of Clay-with-flints and associated soil horizons on the South Downs. *J. Soil Sci.* **18**, 85-102.
- Jarvis, R.A. (1968). Soils of the Reading District (Sheet 268). Memoir of the Soil Survey of Great Britain: England and Wales. Harpenden.
- Jenkinson, D.S. (1971). The accumulation of organic matter in soil left uncultivated. Rothamsted Experimental Station Report for 1970, Pt. 2, 113-137.
- Johnston, A.E., Goulding, K.W.T. and Poulton, P.R. (1986). Soil acidification during more than 100 years under permanent grassland and woodland at Rothamsted. *Soil Use and Management* **2**, 3-10.
- Johnston, A.E., Poulton, P.R. and McEwan, J. (1981). The soils of Rothamsted Farm: the carbon and nitrogen content of the soils and the effects of changes in crop rotation and manuring on soil pH, P, K, and Mg. Rothamsted Experimental Station Report for 1980, Pt. 2, 5-20.
- Jones, R.J.A. and Thomasson, A.J. (1985). An agro-climatic data bank for England and Wales. Soil Survey Technical Monograph 16. Harpenden.
- Jukes-Browne, A.J. (1906). The Clay-with-flints; its origin and distribution. *Q. Jl. geol. Soc., Lond.* **62**, 132-164.
- Kay, F.F. (1934). A Soil Survey of the Eastern Portion of the Vale of the White Horse. Bulletin No. 48: University of Reading Faculty of Agriculture and Horticulture.
- Kay, F.F. (1939). A Soil Survey of the Strawberry District of South Hampshire. Bulletin No. 52: University of Reading Faculty of Agriculture and Horticulture.
- Loveday, J. (1962). Plateau deposits of the southern Chiltern Hills. *Proc. geol. Ass.* **73**, 83-102.
- Mackney, D., Hodgson, J.M., Hollis, J.M. and Staines, S.J. (1983). Legend for the 1:250,000 Soil Map of England and Wales. Harpenden.
- Moffat, A.J. (1980). The Plio-Pleistocene transgression in the northern part of the London Basin - a re-examination. Unpublished PhD Thesis, London University.
- Robinson, K.L. (1948). The Soils of Dorset. In: Good, R.A. *A Geographical Handbook of the Dorset Flora*, 19-28. Dorset Natural History and Field Club, Dorchester.
- Robson, J.D. and Thomasson, A.J. (1977). Soil Water Regimes. Soil Survey Tech. Monograph 11. Harpenden.
- Soil Survey Staff (1975). Soil Taxonomy: a basic System of Soil Classification for making and interpreting Soil Surveys. U.S. Department of Agriculture Handbook No. 436. Washington, D.C.
- Soil Survey Staff (1992). Keys to Soil Taxonomy. SMSS Technical Monograph No. 19; 5th edition. Pocahontas Press Inc, Blacksburg, Virginia.
- Thomasson, A.J. (1979). Assessment of soil droughtiness. In: Jarvis, M.G. and Mackney, D. (Eds). *Soil Survey Applications*, 43-50. Soil Survey Technical Monograph 13. Harpenden.
- Weir, A.H., Catt, J.A. and Ormerod, E.C. (1969). The mineralogy of Broadbalk soils. Rothamsted Experimental Station Report for 1968, Pt. 2, 81-89.
- Woodhead, T. (1977). Physics Department. Rothamsted Experimental Station Annual Report for 1976, Pt. 1, 235-247.
- Yates, F. (1969). The Broadbalk yields: investigations into the effects of weather on yields. Rothamsted Experimental Station Report for 1968, Pt. 2, 46-49.