

Professor C.D. Pigott
List of Publications

Pigott, C.D. (2012) *Lime-trees and Basswoods: a biological monograph of the genus Tilia*, Cambridge University Press, Cambridge and New York. (395 pages).

Pigott, C.D. (2011) 707. *Tilia chinensis*: Tiliaceae. *Curtis's Botanical Magazine* 28, 119-127.

Pigott, C.D. (2009) How safe is Jacob's Ladder (*Polemonium caeruleum*)? *BSBI Plant News* 99 (reprint missing).

Pigott, C.D. (2008) The identity of limes labelled *Tilia insularis*. *The Plantsman* (new series), 7 (pt 3), 194-195.

Pigott, C.D. (2006) 550 *Tilia endochrysea*. *Curtis's Botanical Magazine* 23: 56-61.

Pigott, C.D. (2005) *Lime*. Sage Press, Rye 33pp.

Pigott, C.D. (2003) The Backbone of Yorkshire. In Henderson, A. *The Biodiversity of the Yorkshire Dales*. Supplement to Bulletin of the Yorkshire Naturalists' Union: 42, 12-24.

Pigott, C.D. (2003) Is small-leaved lime native in Scotland or Ireland? *BSBI News* 93, 10-11.

Pigott, C.D. (2002) A review of chromosome numbers in the genus *Tilia* (Tiliaceae). *Edinburgh Journal of Botany*, 59: 239-246.

Pigott, C.D. (2001) Accounts of *Tilia amurensis*, *T. cordata*, *T. platyphyllos* and *T. tomentosa*. *The Forestry Compendium*, CAB International: 2005 Edition.

Pigott, C.D. (2001) Living history: invited 50th Anniversary article on the woodlands of the Lake District. *Conserving Lakeland (Friends of the Lake District)* 37, 14-17.

Pigott, C.D. (2000) The taxonomic status of *Tilia insularis*. *The New Plantsman* 7, 178-183.

Pigott, C.D. (2000) A probably native and regenerating population of *Tilia platyphyllos* Scop. in Bedfordshire. *Watsonia* 23, 344-345.

Pigott, C.D. and Francis, B (1999) The taxonomic status of *Tilia dasystyla* in Crimea, Ukraine. *Edinburgh Journal of Botany*, 56: 161-173.

Pigott, C.D. (1997) *Tilia* (taxonomic treatment of the genus) in Cullen, J. *et al* (eds). *The European Garden Flora*, 5. Cambridge University Press, Cambridge.

Pigott, C.D. (1997) Two proposals to maintain the names *T. cordata* and *T. platyphyllos* (Tiliaceae) in their current use. *Taxon*. 46: 352-353. (proposal accepted).

Pigott, C.D. (1996) Induction of germination of the naturally non-germinating seeds of *Tilia petiolaris* DC *sensu* Hooker by treatment with gibberellic acid or kinetin. *Arboricultural Journal* 20, 213-220.

Pigott, C.D. (1995 et sequ.) (joint author; edited by J.S. Rodwell) *British Plant Communities*, Cambridge University Press, Cambridge.

Pigott, C.D. (1993) with Pigott, S. Water as a determinant of the distribution of trees at the boundary of the Mediterranean zone. *Journal of Ecology* 81, 557-566.

Pigott, C.D. (1994) *Tilia platyphyllos* Scop. In *Scare Plants in Britain* (eds Steward, A., Pearman, D.A. and Preston C.D., Joint Nature Conservation Committee (JNCC), Peterborough.

Pigott, C.D. (1992) Are the distributions of species determined by failure to set seed? In Mashall, C. and Grace, J. (ed.) *Society for Experimental Biology*, Cambridge University Press, Cambridge.

Pigott, C.D. (1992) Factors controlling the geographical limit of *Tilia cordata* in the Mediterranean region. *Actes del Simposi Internacional de Botanica - Pius Font i Quer* 1988, 2. *Fanerogamia*, 299-308.

Pigott, C.D. (1992) The clones of common lime (*Tilia x vulgaris* Hayne) planted in England during the seventeenth and eighteenth centuries. *New Phytologist* 121, 487-493.

Pigott, C.D. (1992) Permanent plot in beech woodland on White Hill, Mickleham, Surrey. In Whitbread, A.M. (ed.) Effects on woodland of the 1987 storm. *Research and Survey in Nature Conservation* No 40, 65-67.

Pigott, C.D., Newton, A.C. and Zammit, S. (1991) Predation of acorns and oak seedlings by grey squirrel. *Quarterly Journal of Forestry* 85, 173-178.

Pigott, C.D. (1991) Biological Flora of the British Isles No. 174 *Tilia cordata* Miller, *Journal of Ecology* 79, 1147-1207.

Pigott, C.D. and Newton, A.C. (1991) Mineral nutrition and mycorrhizal infection of seedling oak and birch 2. The effect of fertilizers on growth, nutrient uptake and ectomycorrhizal infection. *New Phytologist*, 118, 45-52.

Pigott, C.D. and Newton, A.C. (1990) Mineral nutrition and mycorrhizal infection of seedling oak and birch 1. Nutrient uptake and the development of mycorrhizal infection during seedling establishment. *New Phytologist*, 117, 37-44.

-
- Pigott, C.D. and Mattocks, A.R. (1990) Pyrrolizidine alkaloids from *Cynoglossum germanicum*. *Phytochemistry* 29, 2871-2872.
-
- Pigott, C.D. and Warr, S.J. (1989) Pollination, fertilization and fruit development in sycamore (*Acer pseudoplatanus* L.) *New Phytologist* 111, 99-103.
-
- Pigott, C.D. (1989) Estimation of the age of lime-trees (*Tilia* spp.) in parkland from stem diameter and ring counts. *Arboricultural Journal* 13, 289-302.
-
- Pigott, C.D. (1988) The ecology and silviculture of limes (*Tilia* spp.). In Savill, P.S. National Hardwoods Programme *Oxford Forestry Institute Occasional Papers* 37, 27-32.
-
- Pigott, C.D. (1988) The common lime. Appendix A 205-206 in Jacques, D. and van de Horst, A.J. *The gardens of William and Mary*, Christopher Helm, London.
-
- Pigott, C.D. (1988) The reintroduction of *Cirsium tuberosum* (L.) All. In Cambridgeshire. *Watsonia* 17, 149-152.
-
- Pigott, C.D. (1985) Selective damage to tree-seedlings by bank voles (*Clethrionomys glareolus*). *Oecologia* (Berlin), 67, 367-371.
-
- Pigott, C.D. (1984) The flora and vegetation of Britain: ecology and conservation. *New Phytologist*, 98, 119-128.
-
- Pigott, C.D. (1984) Effect of photoperiod and water supply on apical abscission of long-shoots of *Tilia cordata* Mill. *New Phytologist*, 97 575-581.
-
- Pigott, C.D. (1983) Regeneration of oak-birch woodland following exclusion of sheep. *Journal of Ecology*, 71, 629-646.
-
- Pigott, C.D. and Davies W.J. Shade tolerance of forest trees. *NERC News Journal*, 3(1), 17-18.
-
- Pigott, C.D. (1982) Survival of mycorrhiza formed by *Cenococcum geophilum* Fr. in dry soils. *New Phytologist*, 92, 513-517.
-
- Pigott, C.D. (1982) Fine structure of mycorrhiza formed by *Cenococcum geophilum* Fr. on *Tilia cordata* Mill. *New Phytologist*, 92, 501-512.
-
- Pigott, C.D. (1982) The experimental study of vegetation. *New Phytologist*, 90, 389-404.
-
- Pigott, C.D. (1981) Nature of seed sterility and natural regeneration of *Tilia cordata* near its northern limit in Finland. *Annales Botanici Fennici* 18, 255-263.
-

Pigott, C.D. (1981) Deciduous forests. In Halliday, G. and Malloch, A. *Wild flowers. Their habitats on Britain and northern Europe*. p 22-35
Lowe, Eurobook, London.

Pigott, C.D. (1981) The status, ecology and conservation of *Tilia platyphyllos* in Britain. In Syngé, H. *The Biological Aspects of rare plant Conservation* (305-317), John Wiley.

Pigott, C.D. and Huntley, J.P. (1981) Factors controlling the distribution of *Tilia cordata* at the northern limit of its geographical range. 3. Nature and cause of seed sterility. *New Phytologist*, 87, 817-839.

Pigott, C.D. and Huntley, J.P. (1980) Factors controlling the distribution of *Tilia cordata* at the northern limit of its geographical range. 2. History in north-west England. *New Phytologist*, 84, 145-164.

Pigott, C.D. and Strugnell, R.G. (1978) Biomass, shoot-production and grazing of two grasslands in the Rwenzori National Park, Uganda, *Journal of Ecology*, 66, 73-96.

Pigott, C.D. and Huntley, J.P. (1978) Factors controlling the distribution of *Tilia cordata* at the northern limit of its geographical range. 1. Distribution in north-west England. *New Phytologist*, 81, 429-441.

Pigott, C.D. and Wilson, J.F. (1978) The vegetation of North Fen at Esthwaite in 1967-9. *Proceedings of the Royal Society, London*, 200, 331-351.

Pigott, C.D. (1978) Soils development. In *Upper Teesdale* (ed. A.R. Clapham), 129-140, Collins, London.

Pigott, C.D. (1978) Climate and vegetation. In *Upper Teesdale* (ed. A.R. Clapham), 102-121, Collins, London.

Pigott, C.D. (1976) The scientific basis of practical conservation: aims and methods of conservation. *Proceedings of the Royal Society, London* 194, 59-68.

Pigott, C.D. (1975) *Tilia* and *Thymus* in *Hybridization and the flora of the British Isles* (ed. C.A. Stace) Academic Press, London, 188-189, 390 - 191.

Pigott, C.D. and Martin, M.H. (1975) Soils. *Hayley Wood, its history and ecology*. (ed. O. Rackham), Cambridge, 61-71.

Pigott, C.D. (1975) Natural regeneration of *Tilia cordata* in relation to forest-structure in the forest of Białowieża, Poland. *Phil. Trans. R. Soc. London*, B, 270, 151-179.

Pigott, C.D. and Woodward, F.I. (1975) The climatic control of the altitudinal distribution of *Sedum rosea* (L.) Scop. and *S. telephium* L., *New Phytologist*, 74, 323-334.

-
- Pigott, C.D. and Abeyakoon, K.F. (1975) The inability of *Brachypodium sylvaticum* and other species to utilise apatite or organically-bound phosphate in calcareous soil. *New Phytologist* 74, 147-154.
-
- Pigott, C.D. (1974) Experimental studies on the influence of climate on the geographical distribution of plants (Margary Lecture delivered to the Royal Meteorological Society 1973) *Weather* 30, 82-90.
-
- Pigott, C.D. (1973) Esthwaite North Fen, In Pearsall, W.H. and Pennington, W. *The Lake District*, London, 90-94.
-
- Pigott, C.D. and Jarvis S.C. (1973) Mineral nutrition of *Lychnis viscaria*. *New Phytologist*, 72, 1047-1055.
-
- Pigott, C.D. and Jeffrey, D.W. (1972) The response of grasslands on sugar-limestone in Teesdale to application of phosphorus and nitrogen. *Journal of Ecology*, 61, 85-92.
-
- Pigott, C.D. (1971) Analysis of the response of *Urtica dioica* to Phosphate. *New Phytologist*, 70, 953-966.
-
- Pigott, C.D. (1970) Soil formation and development on the Carboniferous Limestone in Derbyshire 2. The relation of soil development to vegetation on the plateau near Coombes Dale. *Journal of Ecology*, 58, 529-541.
-
- Pigott, C.D. and Waters, S.J.P. (1970) Mineral nutrition and cacifuge behaviour in *Hypericum*. *Journal of Ecology*, 59, 179-187.
-
- Pigott, C.D. (1969) The status of *Tilia cordata* and *T. platyphyllos* on the Derbyshire limestone. *Journal of Ecology*, 57, 491-504.
-
- Pigott, C.D. (1969) The influence of climate and climate change on the distribution of plants. (ed. Perring, F.H.) In *Changing Flora of Britain*, 1970, 32-44.
-
- Pigott, C.D. (1969) Influence of mineral nutrition on the zonation of flowering-plants in coastal salt-marshes. In *Ecological aspects of the mineral nutrition of plants* (ed. Rorison, I.) Backwells, Oxford, 25-35.
-
- Pigott, C.D. (1968) Biological Flora of the British Isles: *Cirsium acaulon* (L.) Scop. *Journal of Ecology*, 56, 597-612.
-
- Pigott, C.D. and Lloyd, P.S. (1967) The influence of soil conditions on the course of succession on the chalk of southern England. *Journal of Ecology*, 55, 137-146.
-
- Pigott, C.D. (1966) Air photography in plant ecology. In *The Uses of Air Photography* (ed. St Joseph, J.K.S.) London, 75-81.
-
- Pigott, C.D. and Martin, M.H. (1965) A simple method for measuring carbon dioxide in soils. *Journal of Ecology* 53, 153-155.
-

-
- Pigott, C.D. (1965) The structure of limestone surfaces in Derbyshire. *Geographical Journal*, 131, 41-44.
-
- Pigott, C.D. and Taylor, K. (1964) The distribution of some woodland herbs in relation to the supply of nitrogen and phosphorus in the soil. *Journal of Ecology*, 52 (suppl.), 175-185.
-
- Pigott, C.D. with Pigott, M.E. (1963) Late-glacial and post-glacial deposits at Malham, Yorkshire. *New Phytologist*, 62, 317-334.
-
- Pigott, C.D. (1962) Soil formation and development on the Carboniferous Limestone of Derbyshire. I. Parent Materials. *Journal of Ecology*, 50, 145-156.
-
- Pigott, C.D. (1960) Genetics and origin of species. *Advanced Science*, 158-161.
-
- Pigott, C.D. (1960) Natural History: *Peak District National Park Guide*. HMSO, London (13-20).
-
- Pigott, C.D. with Pigott, M.E. (1959) Stratigraphy and pollen analysis of Malham Tarn and Tarn Moss. *Field Studies*, 1, 1-18.
-
- Pigott, C.D. (1958) Analytical information on soils in the Biological Flora. *Journal of Ecology*, 46, 500-520.
-
- Pigott, C.D. (1958) Biological Flora of the British Isles: *Polemonium caeruleum* L. *Journal of Ecology*, 46, 507-525.
-
- Pigott, C.D. (1956) The vegetation of Upper Teesdale in the North Pennines. *Journal of Ecology*, 44, 545-586.
-
- Pigott, C.D. (1956) Vegetation. In *Sheffield and its Region*. (ed. Linton, D.L.) Sheffield, 79-89.
-
- Pigott, C.D. (1955) Biological Flora of the British Isles: *Thymus* L., *Journal of Ecology*, 43, 365-387.
-
- Pigott, C.D. and Walters, S.M. (1954) On the interpretation of the discontinuous distribution shown by certain British species of open habitats. *Journal of Ecology*, 42, 95-116.
-
- Pigott, C.D. (1954) Species delimitation and racial divergence in British *Thymus*. *New Phytologist*, 53, 470-495.
-
- Pigott, C.D. and Walters, S.M. (1953) Is the box-tree a native of England? In *The Changing Flora of Britain*. (ed. Lousley, J.E.), 184-187.
-
- Pigott, C.D. (1951) Some notes on the vegetation and flora of Knoydart. *Scottish Nature*, 63, 50-55.
-
- Pigott, C.D. (1951) *Scutellaria hastifolia* in Britain. *Watsonia*, 2, 18-21.