

Appendix 3

List of publications of John S. L. Gilmour

WILLIAM T. STEARN

The publications of JOHN SCOTT LENNOX GILMOUR (1906–1986) range in time from 1931 to 1980 and in extent from one-page articles to a book of 422 pages written in collaboration with S. M. WALTERS. His name first appeared in botanical literature as early as 1925 when “a splendid New County Record, that of *Galium anglicum* HUDSON from Border of Bedford Purlieus, Northants”, was attributed to him in Botanical Exchange Club, Report 7: 877 (1925). Interest in the wild flora of Britain thus manifested led him to collect books on British plants and to become President of the Botanical Society of the British Isles from 1947 to 1951, a stormy period in the Society’s history, during which the clash of two personalities strained even his powers of diplomacy, tact, reconciliation and goodwill.

His first publication came in 1931, when in Cambridge, and resulted from the interest of the Cambridge anthropologist ALFRED CORT HADDON (1855–1940) in the decorated tobacco pipes made by natives of New Guinea. Did they smoke a tobacco from an indigenous *Nicotiana* species of New Guinea, in which event the origin of such pipes could possibly go back many centuries, or from an introduced species, in which event the pipes must have originated much later? HADDON obtained from New Guinea herbarium specimens and seeds, which produced flowering plants in 1929 in the Cambridge University Botanic Garden. From study of this material GILMOUR concluded that New Guinea possessed no indigenous species of *Nicotiana* and that the tobacco smoked there came from an introduced American species, *N. tabacum* L., spread over the Pacific area during the past three centuries. His report formed a pamphlet of 17 pages, Territory of Papua, Anthropology Report no. 11 (1931).

GILMOUR’s later publications, though mostly slender, are well-written, clear, and persuasive, reflecting his logical philosophical mind, varied interests and genial personality, and they stand reading anew, since many deal with matters of lasting interest. The philosophy, aims and principles of classification especially interested him, even though he did very little taxonomic reasearch himself, and he expressed his pragmatic views in publication extending from 1937 to 1964. Taking the standpoint that “there cannot be one ideal and perfect classification of living things” and that all classifications are primarily utilitarian, he argued that different classifications were needed for different purposes, the most satisfactory being those based on the maximum correlation of attributes. In 1939 he and A. J. GREGOR introduced their ‘deme’ terminology, later (1954) elaborated by J. HESLOP-HARRISON with special reference to the units of evolutionary change. They used the term “deme” (from Greek *dēmos*, people) for any assemblage of taxonomically closely related individuals which could be grouped in different ways according to their genetic system, ecology or other attributes as gamodemes, topodemes, ecodemes, phenodemes, etc. This

terminology and its underlying concept of flexible or alternative classificatory systems have not had any notable effect on taxonomic procedures, but the practical need for changing from one system of classification to another or applying more than one system to the same infraspecific group of cultivated plants has long been recognized.

His interest in British wildflowers and field botany is well expressed in his "British botanists" (1984), "Wild flowers of the Chalk" (1947), a charming booklet, and "Wild flowers" (1954), this written in collaboration with S. M. WALTERS. It also led him to edit a work, published in 1972, on one of the earliest of English field botanists, THOMAS JOHNSON (c. 1597–1664), and his herbarizing journeys in Kent and Hampstead.

At the 1950 International Botanic Congress in Stockholm he and W. T. STEARN represented the Royal Horticultural Society of London, of which both were then employees. They joined forces with a dynamic American botanist, WENDELL HOLMES CAMP (1904–1963), generally known as "Red Camp" on account of his hair, not his politics, and commemorated in *Psychotria rufocampii*, to initiate an International Code of Nomenclature for Cultivated Plants (cf. *Acta Horticulturae* **182**: 25–27; 1986). GILMOUR's publication of 1954 dealt with this. He exerted a much greater influence, however, on the naming of cultivated plants and acceptance of the Code through his chairmanship from 1952 to 1966 of the International Committee on Horticultural Nomenclature and from 1964 to 1975 of the Royal Horticultural Societys's Orchid Committee. Diverse and pertinent as are his publications, their preparation was but a minor activity in his largely administrative life with much time spent on committees.

1. The species of tobacco grown in New Guinea. – Territory of Papua, Anthropology Report **11**: 1–17 (1931).
2. With W. T. STEARN: Notes from the University Herbarium, Cambridge. Herbarium Florae Cantabrigiensis. – J. Bot. (Suppl.) **70**: 1–12 (1932).
3. With T. G. TUTIN: A List of the more important collections in the University Herbarium, Cambridge. 34 pp. – Cambridge (1933).
4. With A. J. WILMOTT: Abstracts of papers bearing on the study of the British flora, 1932. – Bot. Exchange Club, Report **10** (for 1932): 58–71 (1933).
5. With A. J. WILMOTT: Abstracts of papers bearing on the study of the British flora, 1933. – Bot. Exchange Club, Report **10** (for 1933): 497–507 (1934).
6. *Jasminum Farreri*. – Curtis's Bot. Mag. **157**: t. 9351 (April 1934).
7. *Pedicularis Delavayi*. – Curtis's Bot. Mag. **157**: t. 9367 (July 1934).
8. With A. J. WILMOTT & al.: Abstracts from literature. – Bot. Exchange Club, Report **11** (for 1935): 119–165 (1936).
9. With E. M. THOMAS & E. VACHELL: *Rumex cuneifolius* CAMPD. – J. Bot. **74**: 56 (1936).
10. *Catalpa Fargesii* forma *Duclouxii*. – Curtis's Bot. Mag. **159**: t. 9458 (Nov. 1936).
11. Notes on the genus *Centaurium*. The nomenclature of the British species. – Kew Bull. 1937: 497–502 (1937).
12. A taxonomic problem. – Nature **139**: 1040 (June 1937) (Reprinted in No. 59).
13. With A. J. GREGOR: Demes: a suggested new terminology. – Nature **144**: 333 (Aug. 1939).
14. (Contribution to a discussion on subspecies and varieties). – Proc. Linnean Soc. London, Session **151** (1938–39): 99 (1939).
15. Taxonomy and philosophy. – In J. HUXLEY & al., The new systematics, pp. 461–474. – London: Allen & Unwin (1940).
16. With W. B. TURRILL: The aim and scope of taxonomy. – Chronica Bot. **6**: 217–219 (1941).
17. With H. J. EYSENCK: The psychology of philosophers. – Character & Personality **12**: 290–298 (1944).
18. Ten days on West Loch Tarbert. – North Western Naturalist **20**: 34–37 (1945).

19. With F. C. STERN: *Galanthus latifolius*. — Curtis's Bot. Mag. **164**: t. 9669 (July 1946).
20. British botanists. — London: Collins.
21. Wild flowers of the chalk. — London: King Penguin Books (1947).
22. With J. S. ATTWOOD: T. B. FLOWER's list of Reading plants. — *Watsonia* **1**: 139–140 (1948).
23. With T. R. PEACE: The effect of picking on the flowering of bluebell, *Scilla non-scripta*. — *New Phytol.* **48**: 115–117 (1949).
24. Recent developments in the gardens at Wisley. Introduction. — *J. Roy. Hort. Soc.* **74**: 133–134 (1949).
25. A "Catalogue of London Plants" attributed to WILLIAM CURTIS. — *J. Soc. Bibl. Nat. Hist.* **2**: 181–182 (1949).
26. The conservation of species names. — *Bot. Notiser* 1950: 340–343 (1950).
27. The Duke of Devonshire. — *Bot. Soc. Brit. Isles Year Book* 1951: 109 (1951).
28. The development of taxonomic theory since 1851. — *Nature* **168**: 400–402 (8 Sept. 1951).
29. On floras. — *Endeavour* **11**: 115–116 (1952).
30. With J. E. DANDY & al.: Committee to deal with urgent nomenclatural needs. Memorandum by British botanists. — *Taxon* **1**: 78–80 (1952).
31. JOHN RAY. A bibliography. GEOFFREY KEYNES [review]. — *Watsonia* **2**: 427–428 (1953).
32. Notes on some of the older British gardens. — *L'Année Biologique* **3**, **29**: 257–260 (1953).
33. With J. HESLOP-HARRISON: The deme terminology and the units of micro-evolutionary change. — *Genetica* **27**: 147–161 (1954).
34. The new code for the naming of cultivated plants. — *J. Roy. Hort. Soc.* **79**: 12–20 (1954).
35. With S. M. WALTERS: Wild flowers (New Naturalist series). — London: Collins (1954).
36. LINNAEUS's "Species Plantarum", the man and the book. — *Proc. Linnean Soc. London, Session* **165** (1952–53): 156–157 (1955).
37. The species concept and experimental taxonomy. — In LOUSLEY, J. E., (Ed.): *Species studies in the British flora*, pp. 173–176. — London: Botanical Society of the British Isles (1955).
38. With R. W. YOUNGER: The national species collection of tulips at Cambridge. — *J. Royal Hort. Soc.* **82**: 243–247 (1957).
39. The species, yesterday and tomorrow. — *Nature* **181**: 379–386 (8 Feb. 1958).
40. With E. N. WILLMER: The gardens of Clare College, Cambridge. — *J. Royal Hort. Soc.* **83**: 388–391 (1958).
41. The International Code for Cultivated Plants with special reference to tropical botanic gardens. — *Garden's Bull. (Singapore)* **17**: 215–218 (1958).
42. Stabilization at Montreal. — *Taxon* **8**: 280–281 (1959).
43. The deme terminology. — *Scottish Plant Breed. Station Report* 1960: 99–105 (1960).
44. The nomenclature of herbage cultivars. — *Proc. 8th Internat. Grassland Congress* 1960, 105–107 (1960).
45. Orchid collection at botanic gardens. — *Proc. 3rd World Orchid Conference*, 312–313 (1960).
46. Taxonomy. — In MACLEOD, A. M., COBLEY, L. S., (Eds.): *Contemporary botanical thought*, pp. 27–45. — Edinburgh, London: Oliver & Boyd (1961).
47. Classification, an interdisciplinary problem. — *ASLIB Proc.* **14**: 223–225 (1962).
48. The changing pattern. — In WANSTALL, P. J., (Ed.): *Local Floras*, pp. 9–13. — London: Botanical Society of the British Isles (1963).
49. With C. J. KING & L. H. J. WILLIAMS: The plants of "Sertum Anglicum" In C. L. L'Héritier, *Sertum Anglicum* 1788, Facsimile, xlv–lix. — Pittsburgh: Hunt Botanical Library (1963).

50. Cultivar registration in relation to botanic gardens. — 16th Internat. Hort. Congress 1962, **5**: 81–82 (1964).
51. With S. M. WALTERS: Philosophy and classification. — In TURRILL, W. B., (Ed.): *Vistas in Botany* **4**: 1–22 (1964).
52. The principles of taxonomy. — *Notes Roy. Bot. Gard. Edinburgh* **26**: 259–260 (1965).
53. The Rev. JOHN LAURENCE (1668–1732), the man and his books. — *Huntia* **2**: 117–137 (1965).
54. The classification of changing phenomena. Biology. — *Classification Soc. Bull.* **1**: 30–31 (1966).
55. (Ed.): THOMAS JOHNSON, *Botanical journeys in Kent & Hampstead*. — Pittsburgh: Hunt Botanical Library (1972).
56. With S. M. WALTERS: *Wild flowers*. 5th edn. — London: Collins (1973).
57. And never the twain shall meet. Horticulture and botany, allies not enemies. — In GREEN, P. S., (Ed.): *Plants, wild and cultivated; a conference on horticulture and field botany*, pp. 13–17. — Hampton, Middlesex: E. W. Classey (1973).
58. With S. M. WALTERS, (Eds.): HUMPHREY & GILBERT CARTER, a Memorial Volume. — Cambridge: Cambridge University Press (1975).
59. Two early papers on classification [Whither taxonomy?; A taxonomic problem]. — *Classification Soc. Bull.* **3** (4): 2–15 (1976).
60. *Some verses*. — Cambridge. (Privately printed) (1977).
61. THOMAS JOHNSON's "Iter Plantarum" (1629): two addenda. — *J. Soc. Bibl. Nat. Hist.* **8**: 316–317 (1977).
62. With N. WALL: The clerihew, its history and bibliography. — *The Book Collector* **29**: 23–35 (1980).