
East African Plant Collectors

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Snowden's collections there). After that he retired finally to Hampshire in Oct. 1936, but after the war continued to do some voluntary work for Kew on sorghums and Uganda vegetation, and attended social occasions for the Kew Guild and the Linnean Society until the end of his long life.

Eponymy. *Snowdenia* Hubb. (1929). *Bidens snowdenii* Sherff (1939); *Fagopyrum snowdenii* (Hutch. & Dandy) S.P. Hong (1988), based on *Harpagocarpus snowdenii* Hutch. & Dandy (1926); *Habenaria snowdenii* Summerh. (1931); *Hyparrhenia snowdenii* C.E. Hubb. (1928); *Kniphofia snowdenii* C.H. Wright (1919); *Panicum snowdenii* C.E. Hubb. (1928); *Pennisetum snowdenii* C.E. Hubb. (1928); *Peristylus snowdenii* Rolfe (1918); *Senecio snowdenii* Hutchinson (1920); *Tripogon snowdenii* C.E. Hubb. (1934); *Tryplostemma snowdenii* Hutch. & H. Pearce (1921).

Biography. Desmond (1994).

Hubbard, C.E. (1960). J.D. Snowden, Vice-President 1960/62. J. Kew Guild 1960: 161-162, portr.

Kew Archives: Sorghum notebooks; Library Biography Pamphlets ("Notes on my Career").

Snowden, J.D. (1933). A study in altitudinal zonation in south Kigezi and on Mounts Muhavura and Mgahinga. J. Ecol. 21: 7-26.

Snowden, J.D. (1935). A classification of the cultivated sorghums. Bull. Misc. Inform. 1935: 221-255.

Snowden, J.D. (1936). The Cultivated Races of Sorghum. vii + 272 pp. Adlard & Son, London.

Snowden, J.D. (1953). The Grass Communities and Mountain Vegetation of Uganda. 94 pp. Crown Agents, London.

See also Nature 134: 844 (1934)

SOAPER

Soaper is recorded as collecting an orchid in Pemba in 1920.

Specimen of *Vanilla imperialis*: Pemba I., Weti [Witi], Dec. 1920, *Soaper* H45/30 (EA, K).

SOLAND

Miss Soland was one of the ladies who collected plants for the Coryndon Museum at the request of Evelyn Napier (q.v.), and noted from K3 around Naivasha in 1932.

SOLEMAN, Raden

Raden Soleman was a Laboratory Assistant at Amani and collected in the *Herb. Amani* series in T3 in 1921-1922, the specimens at Amani, now EA, K, MO. The earliest number was *Herb. Amani* 5930.

Biography. Ind. Herb. Coll.

Gillett, J.B. List of German collectors contributing to the Amani Herb. series of numbers. T/s Kew Archives.

Kew Det. Lists 67: 2, 30

SOMEREN, Van - see VAN SOMEREN

SONCTA

Soncta collected in T1.

SOUNDY, W.W.

Soundy was an entomologist in the Uganda Agricultural Department. He worked on a number of projects with George Hancock. On local leave in Aug. 1929 he climbed Elgon with Hancock. Soundy & Hancock submitted 106 specimens to K from this trip, some unnumbered.

Biography. Ind. Herb. Coll.

flora of Northern Bugisu and Masaka (MT ELGON). J. E. Afr. & Uganda Nat. Hist. Soc. 36: 165-183.
Kew Det. Lists 63: 346.

SPEKE, John Hanning, see GRANT, James Augustus

SPENCE, Professor David Hugh Neven

British. b. 2 May 1925, Sleaford, Lincolnshire. d. 23 Apr. 1985, Dundee. 1951 BSc, University of Edinburgh. 1956 PhD, University of Glasgow. FRSE.

1957-1962 Lecturer, Botany Department, University of St Andrews

1962-1966 Professor of Botany, Makerere University

1968-1985 Reader in Botany, University of St Andrews; 1977 Professor

Professor David Spence was a plant ecologist with a special interest in aquatic macrophytes and the vegetation of swamps and fens. He was a natural successor to Professor Lind at Makerere University in 1966, but returned to St Andrews only two years later. Presumably specimens at MHU.

Biography. Desmond (1994).

Spence, D.H.N. (1971). African grassland management - burning and grazing in Murchison Falls National Park, Uganda.

In E. Duffey & A.S. Watt, eds, *The Scientific Management of Animal and Plant Communities for Conservation*: 319-331. *Who's Who of British Scientists 1971/72*. Longman, London.

SPERLING

Sperling collected from T5 in the *Herb. Amani* series.

SPJUT, Dr Richard Wayne

American. b. 3 Oct. 1945, San Francisco. 1970 BS (Biology & Wildlife Management), Humboldt State University, Arcata. 1971 MA, California Teaching Credential (Secondary).

1969 (Mar.-June) Assistant Laboratory Instructor, Plant Taxonomy, Humboldt State University, Arcata.

1970 (Mar.-June) Assistant Curator, Cryptogamic Herbarium (HSC), Arcata

1970-1972 Contract Botanist for the USDA/NCI anticancer screening program in California

1972-1997 Botanist, USDA Agricultural Research Service (ARS), Beltsville, Maryland; 1972-1982 Medicinal Plant Resources/Economic Botany Laboratory, cooperative agreement with the NCI for anticancer screening of plants; 1982-1985 Plant Exploration and Taxonomy Laboratory, for wild relatives of agricultural crops; 1986-1997 Systematic Botany and Mycology Laboratory, classification of fruit types, computer generated keys and descriptions to fruits of Caesalpiniodeae genera

1973-1976, 1986-1994 Research Collaborator and Associate, Smithsonian Institution

1983- Principal Investigator, World Botanical Associates (WBA), Laurel, MD (1983-2001); Pala, CA (2001-2004), Bakersfield, CA (2004-)



Dr Richard Spjut began his career as a botanist for the US Department of Agriculture (USDA) at Beltsville, Maryland. He devoted his first 10 years to a USDA collaborative agreement with the National Cancer Institute's search of new anticancer drugs from plants, and later as systematic botanist in classification of fruit types and their terminology. While working for the USDA, he established World Botanical Associates in May 1983 to continue his plant exploration for new medicines, which led him to Australia, Mexico, Puerto Rico, Hawaii as well as the USA before and after retirement from the USDA in March 1997.

He collected in East Africa in 1972–1976 while working in the Medicinal Plant Resources Laboratory under Dr Robert Perdue, Jr. The laboratory procured plant samples from many areas of the world for cancer research under a co-operative agreement with the National Cancer Institute (NCI). Perdue had a special interest in East African plants where he himself had collected in Kenya, Uganda and Tanzania. In order to follow-up on Perdue's collections, Dr Spjut conducted extensive literature research on the synecology and geographical distribution of the East African species that had shown anticancer activity to determine where the active species could be recollected for the isolation of the active chemicals. This research was then followed by planning and carrying out field expeditions in Africa, including Ghana in 1972, 1976, Zambia in 1976 and elsewhere.

He first visited Kenya in Nov. 1972 to March 1973, collecting extensively in K7 (coastal forests near Malindi and Shimba Hills), in the interior in K4–5 on Mt Kenya, Mt Londiani, and later in T7, the southern Highlands of Tanzania (Oct. 1973), again in K7 (Nov.–Dec. 1973), Shimba Hills (Sept.–Oct. 1976) and briefly in K5, the Kakamega Forest (Oct. 1976). He was accompanied by Stephen M. Muchai on most East African expeditions, and also a USDA ARS biological technician, Peter Ensor, during 1972. His African explorations were primarily targeted plants – those that had shown anticancer activity in the NCI screening program, but during periods when samples were drying, he would take his collecting team into the forest and bushland to collect specimens for floristic surveys. This included bryophytes and lichens that were sent to Dr Daniel Norris at HSC. His East African specimens of vascular plants are at EA with duplicates at BR, HSC, K, MO, NA, NHN [WAG].

His current activities in World Botanical Associates include the preparation of *Dictionary of Fruit and Seed Biological Terms* as co-author with Dr Wolfgang Stuppy, Seed Morphologist at the Kew Millennium Seed Bank, *Trees and Shrubs of Kern County, California* (with keys and descriptions), as well as collection and screening of bryophytes and their associated microbes for new anticancer drugs. His documentation and collection of plant materials for natural products screening has led him to develop a special interest in *Taxus*, the lichen flora of Baja California, and in the synecology of *Cynometra* and other Caesalpinoideae forests.

Kenya. 1972–1973 (Nov.–Mar.; Spjut, Ensor & Muchai 2600–3234), 1973 (Oct.–Dec.; Spjut & Muchai 3814–3951, vascular plants, Kilifi Distr.; 3961–3959; Embu Distr. 3960–3999; Narok Distr. 4101–4110), 1976 (Sept.–Oct.; Spjut 4450–4670). Collected more than 200 large samples (avg. 100 kg per sample) for chemical isolation of antitumor active agents: reconnaissance of

buchananii stems in the Shimba Hills. Obtained cuttings of *Brucea antidysenterica* from Mount Kenya. Collected ~ 2,000 specimens of vascular plants, lichens, mosses, and liverworts for floristic studies; lichens and vascular plants largely from coastal regions of Kenya, the Kikuyu Escarpment, and Mount Londiani; bryophytes mostly from montane forests on Mt. Kenya, Kericho Dist., Mt. Londiani, and Kakamega Forest.

Tanzania. 1973 (Oct.; Southern Highlands (Mufindi). Collected ~ 50 species, 100 kg per sample, for isolation of antitumor agents, and ~ 200 specimens of bryophytes for floristic studies. Spjut & Muchai vascular plants 3450–3500; bryophytes 3501–3700).

Spjut, R.W. (1985). Limitations of a random screen: Search for new anticancer drugs in higher plants. *Econ. Bot.* 39: 266–288.

Spjut, R.W. (1994). A Systematic Treatment of Fruit Types. *Memoirs of the. New York Botanical Garden*, Vol. 70, 181 pp, 53 plates, 153 illus.

Spjut, R.W. (2005). Relationships between plant folklore and antitumor activity: An historical review. *Sida* 21: 2205–2241.

Spjut, R.W. 2007. (1) A phytogeographical analysis of *Taxus* (Taxaceae) based on leaf anatomical characters, and (2) Taxonomy and nomenclature of *Taxus*. *J. Bot. Res. Inst. Texas* 1: 203–289; 291–332.

Spjut, R.W., Kingston, D.G.I. & Cassady, J.M. (1992). Systematic screening of bryophytes for antitumor agents. *Trop. Bryol.* 6: 193–202.

SPRANGER, Norman Decre

? South African. b. 1896. Certificate of Agriculture, South Africa.

1924– Agricultural Supervisor; 1931 Agricultural Officer

Norman Spranger collected in K5, 1925–1931, while serving in the Kenya Agricultural Department, the specimens at K. The numbers exceed 500 but may be included in the A.D. series.

Biography. *Col. Agric. List* (1937).

Kew Det. Lists 68: 335, H1412/24. comm. J. McDonald, Agric. Dept.

SPURRIER, Moira

Moira Spurrier collected some mistletoes with Del Wiens in T7 on the tea plantations at Luponde in the Livingstone Mts near Njombe where her husband was employed. She then continued to collect in 1989 and 1993 about 150 specimens preserved at K, with some duplicates elsewhere.

Dr H.D. Spurrier was a member of the E.A. & Uganda Nat. Hist. Soc. in 1913, and A.H. Spurrier was a member in 1917.

SSALI see LWANGA, Dr Jeremiah Ssali

SSEGAWA, Dr Paul

Ugandan. b. 12 Aug. 1973. BSc (Forestry), MSc (Environment), PhD (Botany), Makerere University.

2008– Curator, Makerere University Herbarium (MHU)

Dr Paul Ssegawa began his botanical work in 1999 as a student at Makerere University working on sedges after a short training course

