## **OBITUARIES**

## LESLIE EDWARD WOSTALL CODD (1908–1999)

Leslie Edward Wostall Codd (Figure 1) was born at Vants Drift in KwaZulu-Natal on 16th September 1908. He matriculated at Dundee High School, and from 1925 to 1928 continued his studies at Natal University College, graduating in 1928 with an M.Sc. with a first class in botany. A year later he won the Webb Research Scholarship and continued his studies at Cambridge University, where he studied genetics under Professor Engeldon in 1929. In 1930 a Colonial Agriculture Scholarship took him to the Imperial College of Agriculture, Trinidad, where he worked on the genetics of cotton. He was employed as a plant breeder in the Department of Agriculture, British Guiana during the period 1931 to 1936. Here he met and married Cynthia Schmeidersmann, a marriage which was to last for 65 years.

In January 1937 he joined the Pasture Research Section in the Division of Plant Industry, of the Department of Agriculture in Pretoria. Subsequently during 1939 he was appointed Officer in Charge of Prinshof Grass Breeding Station in Pretoria, a station concerned with the selection, growing and testing of pasture grasses. Four years later he obtained a D.Sc. degree at the University of South Africa, for a thesis on rice breeding.

In 1945 Dr Codd was appointed as Officer in Charge of the Botanical Survey Section in the Division of Botany, and remained stationed at Prinshof Experiment Station. This heralded the start of a career as a botanist spanning 28 years. During the time that he was in charge of the Botanical Survey Section and undertaking botanical collections (Figure 2) in the Northern Province, he became thoroughly acquainted with the flora of these areas, a knowledge which was to form the basis on which his later taxonomic research was founded. Plant collecting in the Kruger National Park culminated in his book Trees and shrubs of the Kruger National Park (Codd 1951)—one of the bestsellers in the Memoirs of the Botanical Survey of South Africa series. Several publications on ecological subjects appeared under his authorship during this period.

In 1951 the Division of Botany and Plant Pathology was split into two, namely the Division of Plant Pathology and the Division of Botany. In that year, following the retirement of Dr Inez Verdoorn, Dr Codd was placed in charge of the National Herbarium. In 1956 he was appointed Assistant Chief of the Division of Botany, which was later renamed the Botanical Research Institute. On Dr Dyer's retirement in 1963, Dr Codd was appointed Director of the Botanical Research Institute, a post he held until his retirement in 1973.

From the time of his appointment in the organization, Dr Codd was made responsible for the development of the Botanical Garden established by the previous director, Dr R.A. Dyer. For many years this project received his special attention. His constant support and encour-

agement, his interest and his live plant collections have contributed immensely to the growth of the Botanical Garden. Particularly during the period in which he was head of Botanical Survey, he was continually on the lookout for interesting and colourful plants which he collected and had grown in the Botanical Garden for painting and publication in *The Flowering Plants of Africa* series. In fact, Volume 43 of this series is dedicated to Dr Codd in recognition of this achievement and it records: 'His special interest in the development of the Pretoria National Botanic Garden, has contributed so much to South African Botany'.

During Dr Codd's tenure of office as Director, the BRI steadily grew. This is borne out by the fact that during 1966, following a public service inspection of the Institute, two new sections were created, namely a Flora Research Section and an Economic Botany Section. Further, a Plant Structure and Function Laboratory was created in 1969. The number of staff employed rose significantly during the following years.

The campaign for a new building, started by the previous Director, Dr R.A. Dyer, was vigorously promoted by Dr Codd, and in 1973, nearly 15 years after its initiation, a new milestone was reached when the Botanical



FIGURE 1.—Leslie Edward Wostall Codd (1908-1999).



FIGURE 2.—Dr Codd preparing specimens for pressing in camp, during the Bernard Carp Expedition to Barotseland, Zambia, August 1952.

Research Institute moved to the new building situated in the Botanical Garden.

As Director and Editor of the publications of the Botanical Research Institute, Dr Codd made significant contributions. Under his leadership, strength in scientific publications became a feature of this Institute. He personally provided the description of sixty-seven of the species depicted in The Flowering Plants of Africa series, eight of which were new to science. Plant groups which received his concentrated attention were, amongst others the genera Albizia, Kniphofia, Erythrina, Schotia, Cassine, the family Apocynaceae, and in later years, partly after his retirement, the family Lamiaceae. A large part of his research appeared in Bothalia, the house journal of the former Botanical Research Institute and of the present National Botanical Institute. His contributions to the Flora of southern Africa series are significant and cover the families Apocynaceae, Canellaceae, Loasaceae, the large family Lamiaceae and the genus Cleome (with L.E. Kers).

He possessed to a marked degree, that special gift, inherent in all successful taxonomists, of recognising and storing in his memory, the defining characters of plants and plant specimens and applying this knowledge to research. His taxonomic work has remained largely unchallenged and represents an extremely valuable contribution to South African botanical literature.

He also had the special gift of writing clearly, concisely and fluently with very little revision. This facilitated the work of the editorial staff, a fact commented on to me (B. de W.) on a number of occasions, possibly after receiving some of my own manuscripts.

His publications number 162 and include many taxa which were new to science. He is commemorated in the following: The genus Coddia, Agapanthus coddii, Berkheya coddii, Brachystelma coddii, Erythrina × coddii, Eulophia coddii, Kniphofia coddiana, Lobelia coddii, Macrotyloma coddii, Rhus coddii, Tulbaghia coddii and Tylophora coddii.

Dr Codd's contributions to Botany include plant collections numbering nearly 11 000 with many new records and new species among them. His collecting has always been meticulous, particularly his labelling, and colleagues frequently stated that his field notes have often enabled them to return to the exact spot in the veld to find the plants from which he had collected. His extensive contributions in the form of live plant collections to the Pretoria Botanical Garden have already been mentioned. His main collection is deposited in the National Herbarium in Pretoria. Duplicates can be found in the Kew Herbarium, London, the Zürich Herbarium, Botanische Staatssammlung München, Geneva Herbarium and others.

Unlike many scientists, Dr Codd was an extremely helpful person, who was prepared to spend time to share his expertise with colleagues and other persons seeking advice. Numerous amateur botanists including Eve Palmer, Colonel Charles Scott and many other persons have benefited from his expertise. Very few of the botanical books published during the last two decades before the nineties appeared without some reference to encouragement and advice received by the authors from him.

Dr Codd played a major role in the affairs of scientific societies, becoming the president of several of them. He was intimately concerned with the establishment of the South African Association of Botanists, was a founder member and became its first president and an honorary life member. An active member of the South African Association for the Advancement of Science, he served on its Council for many years, ultimately becoming President of Section B (Botany) during 1957-1958. A strong supporter of the South African Biological Society, he made significant contributions, served on its Council for many years also as President in 1961 and was elected honorary member in 1985, the first to achieve this honour. As a long-standing member of the Botanical Society of South Africa he was elected honorary life member.

The excellence of his research was recognised in the awards of The South African Medal of the South African Association of Science in 1977, the Medal for Botany by the South African Association of Botanists in 1979, and the Senior Captain Scott Memorial Medal of the South African Biological Society in 1982. In December 1983

he was awarded an Honorary Doctorate of Science by the University of the Witwatersrand and in March 1990 an Honorary Doctorate by the University of Natal. In the eulogy preceding the latter award, he was described as: 'a gifted botanist, possessing a rare combination of qualities—acute perception and intuition, a disciplined scientific mind, painstaking thoroughness and a fine aesthetic sense.'

Dr Codd was an accomplished sportsman, played rugby for Cambridge and captained the Trinidad Rugby Team. He was a gentle person, full of humour, always fair, appreciative of work well done and a person it was a pleasure to work with and for. He genuinely appreciated the objects of his studies, and was quite prepared to delight in simple things. Many of his colleagues, staff and friends will recall anecdotes, most of them humorous, which they associate with him. Leo Jones, his technical assistant in the Prinshof days, was a great teller of tales, much appreciated by Dr Codd, who would laugh, in his special way, until the tears ran. One of us (B. de W.) remembers an early morning in the lowveld travelling on a sandy narrow track, hemmed in by tall grass, heavily covered with dew. Suddenly a francolin appeared in front of the car and waddled frantically down the road refusing to enter the wet grass to get out of the way. The movement of this little bird, very reminiscent of a fat lady running hard, was so ludicrous that we burst out laughing. For several hundred yards two grown men were laughing uproariously at a small bird! There was a special feeling between us that day. We had shared something simple and pleasant.

In his passing on the 2nd March 1999, botany has lost a special talent, but the legacy left behind is a life rich in contributions made in the pursuit of the knowledge of our plant environment.

## PUBLICATIONS BY L.E. CODD

- CODD, L.E. 1933a. Annual report of the plant breeder. Division Report of the Department of Agriculture, British Guiana, for 1932.
- -1933b. Padi variety trials. Agricultural Journal of British Guiana 4, -1934a. Increased yield of padi obtained by double transplanting.
- 1934a. Increased yield of padi obtained by double transplanting Agricultural Journal of British Guiana 5.
- -1934b. Vernalisation and its application to rice, Agricultural Journal of British Guiana 5.
- -1934c. Annual report of the plant breeder. Division Report of the Department of Agriculture, British Guiana, for 1933.
- -1935a. Padi variety trials. Agricultural Journal of British Guiana 6.
- -1935b. Chlorophyll deficiency in rice. Journal of Heredity 26: 85-87.
- -1935c. Annual report of the plant breeder. Division Report of the Deptartment of Agriculture, British Guiana, for 1934,
- -1936a. Rice breeding, 1933-36. Agricultural Journal of British Guiana 7: 115-128.
- -1936b. Padi experiments, 1933-35. Agricultural Journal of British Guiana 7: 129-141.
- -1936c. Annual report of the plant breeder. Division Report of the Department of Agriculture, British Guiana, for 1935.
- -1940. The Prinshof Grass Breeding Station. Pasture Research in South Africa. Progress Report No. 1: 19-45.
- -1949. The application of ecology to agricultural problems in South Africa. Report of the African Regional Science Conference 2: 115-119.
- -1951, Trees and shrubs of the Kruger National Park, Memoirs of the Botanical Survey of South Africa No. 26: 1-192.
- -1952a, Barleria albostellata. The Flowering Plants of Africa 29: t. 1138.
- -1952b. The results of an ecological survey in the Union of South Africa. Proceedings of the 6th International Grassland Congress held at Pennsylvania State College 1: 596-601.

- -1954a. Halogeton, a dangerous weed. Farming in South Africa 29: 237, 238.
- -1954b. Sutera macrantha Codd. The Flowering Plants of Africa 30: t. 1162.
- -1954c. Sutera accrescens. The Flowering Plants of Africa 30: t. 1167.
- -1955a. Securidaca longipedunculata. The Flowering Plants of Africa 30: t. 1191.
- -1955b. The South African kaffirboom species. *African Wild Life* 9: 183-190.
- -1956a. Notes on certain South African Erythrina species. Bothalia 6: 507-514.
- -1956b. The Schotia species of southern Africa. Bothalia 6: 514-533.
- -1956c. Rhus batophylla Codd. Bothalia 6: 539, 540.
- -1956d. Cissus natalitia (Szyszyl.) Codd. Bothalia 6: 545, 546.
- -1956e. Salvia chamelaeagnea. The Flowering Plants of Africa 31: t. 1219.
- -1956f. Combretum zeyheri. The Flowering Plants of Africa 31: t. 1230.
- -1956g. Mussaenda arcuata. The Flowering Plants of Africa 31: t. 1231.
- -1957a. Plectranthus dregei Codd. The Flowering Plants of Africa 32:
- -1957b. Salvia dolomitica Codd. The Flowering Plants of Africa 32: t. 1248.
- -1957c. Syncolostemon densiflorus. The Flowering Plants of Africa 32: t. 1252.
- -1957d. Olinia emarginata. The Flowering Plants of Africa 32: t. 1260.
- -1958a. Ziziphus rivularis Codd. Bothalia 7: 31-33
- -1958b. The Albizia species of South Africa. Bothalia 7: 67-82.
- -1958c. Experimental techniques and plant taxonomy. South African Journal of Science 54: 309-18.
- -1959a. Kniphofia uvaria. The Flowering Plants of Africa 33: t. 1289.
- -1959b. Kniphofia rooperi. The Flowering Plants of Africa 33: t. 1290.
- -1959c. Kniphofia porphyrantha. The Flowering Plants of Africa 33: t. 1291.
- -1959d. Kniphofia ichopensis. The Flowering Plants of Africa 33: t. 1292.
- -1960a. Drugs from wild yams. African Wild Life 14: 215-226.
- -1960b. Kniphofia albescens Codd. The Flowering Plants of Africa 34: t. 1325.
- -1960c. Kniphofia flammula Codd. The Flowering Plants of Africa 34: t. 1326.
- -1960d, Kniphofia sarmentosa. The Flowering Plants of Africa 34: t. 1327.
- -1960e. Kniphofia stricta. The Flowering Plants of Africa 34: t. 1328.
- -1961a. South African Labiatae: Thorncroftia. Bothalia 7: 429-431.
- -1961b. South African Labiatae: The Coleus caninus complex. Bothalia 7: 432-434.
- -1961c. Notes on Apocynaceae. Bothalia 7: 447-455.
- -1961d. Review: Flora zambesiaca, vol.1, no. 1. Bothalia 7: 667.
- -1961e. Notes on poisonous plants with special reference to the Gousiekte problem. Journal of the South African Biological Society 2: 8-17.
- -1961f. New and interesting taxa from southern Africa: Rubiaceae. Kirkia 1: 108-110.
- -1963a. The identity of Kniphofia pumila (Aiton) Kunth and K. carinata C.H.Wright. Journal of South African Botany 29: 145-150.
- -1963b. Terminalia sericea. The Flowering Plants of Africa 36: t. 1407.
- -1963c. Erythrina baumii. The Flowering Plants of Africa 36: t. 1412.
- -1963d. Coleus mirabilis. The Flowering Plants of Africa 36: t. 1417.
- -1963e. Apocynaceae. Flora of southern Africa 26: 244-296
- -1964a. The South African species of Orthosiphon. Bothalia 8: 149-162.
- -1964b. Notes on Garcinia gerrardii. Bothalia 8: 174.
- -1964c. Graderia linearifolia Codd. Bothalia 8: 176, 177
- -1964d. Kniphofia fluviatilis Codd. The Flowering Plants of Africa 36: t. 1421.
- -1964e. Kniphofia obtusiloba. The Flowering Plants of Africa 36: t. 1422.
- -1964f. Kniphofia baurii. The Flowering Plants of Africa 36: t. 1423.
- -1964g. Kniphofia typhoides Codd. The Flowering Plants of Africa 36. t. 1424.
- -1964h. Thorncroftia longiflora. The Flowering Plants of Africa 36: t. 1425.
- -1965a. Kniphofia multiflora. The Flowering Plants of Africa 37: t. 1445.
- -1965b. Kniphofia buchananii. The Flowering Plants of Africa 37: t. 1446A.
- -1965c. Kniphofia thodei. The Flowering Plants of Africa 37: t. 1446B
- -1965d. Kniphofia drepanophylla. The Flowering Plants of Africa 37: t. 1447.

- -1965e. Kniphofia citrina. The Flowering Plants of Africa 37: t. 1448. -1965f. Progress with the Flora of southern Africa. Webbia 19:
- -1966a. Botanical Research Institute: list of staff and review of work. Bothalia 8, Suppl.: 1-34.
- -1966b. Contemporary botanists and botanical collectors. 2. Leslie Charles Leach. Bothalia 8, Suppl.: 61-64.
- -1966c. Notes on some kniphofias in the eastern Orange Free State. Bothalia 8, Suppl. 1: 27-31
- -1966d. Salvia africana-lutea. The Flowering Plants of Africa 37: t. 1461.
- -1966e. Notes on Boerhaavia in southern Africa. Bothalia 9: 113-121.
- -1966f. The Cassine complex (Celastraceae). Bothalia 9: 123, 124.
- -1966g. The status of the genus Lydenburgia (Celastraceae). Bothalia 9:124
- -1966h. New species of Kniphofia (Liliaceae). Bothalia 9: 139-142.
- -1967a. The status of the genus Notosceptrum Benth. (Liliaceae). Botaniska Notiser 120: 41-45.
- -1967b. A new species of Canthium (Rubiaceae). Bothalia 9: 345, 346.
- -1968a. Notes on the genus Isodon (Benth.) H.Kudo (Labiatae). Taxon 17: 239.
- -1968b. Conservation of vegetation in southern Africa: regional synthesis. Acta Phytogeographica Suecica 54: 257-260.
- -1968c. Progress in the preparation of Flora of southern Africa. Acta Phytogeographica Suecica 54: 294, 295.
- -1968d. The conservation status of ecosystems in South Africa. South African Journal of Science 64: 446-448.
- -1969a. Indigenous plants for future gardens: Acanthaceae. Park
- Administration 22: 32, 33. -1969b. Rhus batophylla Codd. The Flowering Plants of Africa 39: t.
- 1549 -1969c. Strophanthus luteolus. The Flowering Plants of Africa 39: t.
- 1561. -1969d. The South African species of Kniphofia (Liliaceae). Bothalia
- 9: 363-513. -1970. Plectranthus saccatus. The Flowering Plants of Africa 41: t.
- 1601. -1971a. Sesamothamnus lugardii. The Flowering Plants of Africa 41:
- t. 1640.
- -1971b. A new name in Catha (Celastraceae). Bothalia 10: 365.
- -1971c. Generic limits in Plectranthus, Coleus and allied general Mitteilungen der Botanischen Staatssammlung, München 10: 245-252.
- -1972. Pseudosalacia Codd, gen. nov. Bothalia 10: 565-567.
- -1973a. Author citation for Putterlickia pyracantha (Celastraceae). Bothalia 11: 115.
- -1973b. The genus Rabdosia in South Africa. Bothalia 11: 117.
- -1973c. Plectranthus welwitschii. The Flowering Plants of Africa 42. t. 1646.
- -1973d. Orthosiphon pseudoserratus. The Flowering Plants of Africa 42: t. 1657.
- -1974a. The identity of Erythrina princeps. Bothalia 11: 269-271.
- -1974b. New species of Plectranthus (Labiatae). Bothalia 11: 282-284
- -1974c. Orthosiphon tubiformis. The Flowering Plants of Africa 43: t. 1697.
- -1975. Plectranthus (Labiatae) and allied genera in southern Africa. Bothalia 11: 371-442
- -1976a. The South African species of Hemizygia (Lamiaceae). Bothalia 12: 1-20.
- -1976b. The genus Syncolostemon (Labiatae). Bothalia 12: 21-27
- -1977a. The South African species of Teucrium (Lamiaceae). Bothalia 12: 177-179.
- -1977b. A note on the Stachys aethiopica complex. Bothalia 12: 181-189
- -1977c. Plectranthus xerophilus. The Flowering Plants of Africa 44: t. 1728
- -1977d. Plectranthus oertendahlii. The Flowering Plants of Africa 44: t. 1729.
- -1977e. Grewia lasiocarpa. The Flowering Plants of Africa 44: t. 1733.
- -1977f. Erythrina abyssinica. The Flowering Plants of Africa 44: t. 1738.
- -1978a. A new species of Mundulea (Fabaceae). Bothalia 12: 448, 449
- -1978b. Brillantasia sublugurica. The Flowering Plants of Africa 44: t. 1751
- -1979. Plectranthus praetermissus. The Flowering Plants of Africa 45: t. 1791
- -1980a. Obituary: Robert Harold Compton (1886-1979). Bothalia 13: 244, 245

- -1980b. Plectranthus oribiensis. The Flowering Plants of Africa 46: t. 1809
- -1980c. Tinnea barbata. The Flowering Plants of Africa 46: t. 1813.
- -1980d. Tinnea rhodesiana. The Flowering Plants of Africa 46: t. 1814.
- -1982a. Notes on the genus Aptosimum (Scrophulariaceae). Bothalia 14: 80, 81
- -1982b. Plectranthus ecklonii. The Flowering Plants of Africa 46: t. 1854
- -1982c. Plectranthus ernstii. The Flowering Plants of Africa 46: t. 1858.
- -1983a. Southern African species of Mentha (Lamiaceae). Bothalia 14:
- -1983b. The genus Tetradenia Benth. (Lamiaceae). I. African species. Bothalia 14: 177-183
- -1983c. The correct author citation for Pachypodium succulentum (Apocynaceae). Bothalia 14: 219
- -1983d. A new name for Hartogia Thunb. ex L.f. (Celastraceae). Bothalia 14: 219.
- -1983e. A new subspecies in Ocimum (Lamiaceae). Bothalia 14: 219, 220.
- -1983f. A new species of Corchorus (Tiliaceae). Bothalia 14: 221, 222.
- -1983g. Obituary: Jan Erens (1911-1982). Bothalia 14: 303, 304.
- -1983h. Polygala fruticosa. The Flowering Plants of Africa 47: t. 1861.
- -1983i. Macrorungia longistrobus. The Flowering Plants of Africa 47: t. 1862.
- -1983j. Monodora junodii. The Flowering Plants of Africa 47: t. 1870.
- -1983k. Aptosimum procumbens. The Flowering Plants of Africa 47: t.
- -1984a. The genus Tetradenia Benth. (Lamiaceae). II. Malagasy Republic. Bothalia 15: 1-6.
- -1984b. The genus Isodon (Schrad. ex. Benth.) Spach in Africa and a new genus Rabdosiella Codd (Lamiaceae). Bothalia 15: 7-10.
- -1984c. A new species of Plectranthus (Lamiaceae). Bothalia 15: 142, 143.
- -1984d. Plectranthus chirindensis. The Flowering Plants of Africa 48: t. 1887.
- -1984e. Plectranthus tetensis. The Flowering Plants of Africa 48: t. 1888.
- -1985a. Lamiaceae. Flora of southern Africa 28
- -1985b. Plectranthus coeruleus. The Flowering Plants of Africa 48: t. 1903
- -1985c. Plectranthus hilliardiae. The Flowering Plants of Africa 48: t. 1904.
- -1985d. Plectranthus petiolaris. The Flowering Plants of Africa 48: t. 1905
- -1985e. Pachypodium lamerei. The Flowering Plants of Africa 48: t. 1915
- -1985f. Pachypodium baronii var. windsori. The Flowering Plants of Africa 48: t. 1916.
- -1986a. A new species of Stachys (Lamiaceae). Bothalia 16: 51, 52.
- -1986b. A new species of Thorncroftia (Lamiaceae). Bothalia 16: 52, 53
- -1986c. Obituary: Cythna Lindenberg Letty (1895-1985), Bothalia 16: 92-96.
- -1986d, Notes on Kniphofia (Liliaceae). Bothalia 16: 231, 232.
- -1987a. Notes on Kniphofia (Liliaceae). Bothalia 17: 185.
- -1987b. Tetradenia nervosa. The Flowering Plants of Africa 49: t 1949
- -1987c. Adenium obesum. The Flowering Plants of Africa 49: t. 1953.
- -1987d. Pachypodium lealii. The Flowering Plants of Africa 49: t. 1959.
- -1988a. Resuscitation of Syncolostemon ramulosus E.Mey. ex Benth. (Lamiaceae). Bothalia 18: 92, 93.
- -1988b. Obituary: Robert Allan Dyer (1900-1987). Bothalia 18: 131-133.
- -1989a. Kniphofia pauciflora. The Flowering Plants of Africa 50: t. 1995
- -1989b. Hemizygia thorncroftii. The Flowering Plants of Africa 50: t. 2000.
- CODD, L.E., ADELAAR, T.F., TERBLANCHE, M., SMIT, J.D. & NAUDE, T.W. 1964. A hitherto unknown poisonous plant, Lasiospermum bipinnatum (Thunb.) Druce. Journal of the South African Veterinary Medical Association 35: 11-16.
- CODD, L.E. & GUNN, M. 1982. The collecting activities of Anton Rehmann (1840-1917) in South Africa. Bothalia 14: 1-14.
- -1985. Additional biographical notes on plant collectors in southern Africa. Bothalia 15: 631-654.
- CODD, L.E., HURTER, L.R., NAUDE, T.W., ADELAAR, T.F. & SMIT, J.D. 1972. Ingestion of the plant Fadogia monticola Robyns as an additional cause of gousiekte in ruminants. Onderstepoort Journal of Veterinary Research 39: 71-82.
- CODD, L.E. & KERS, L.E.: Cleome. Flora of southern Africa 13. 119-140.

CODD, L.E. & MYBURGH, S.J. 1949a. Glycine javanica as a soil conserving legume. Farming in South Africa 24: 471, 472.
 CODD, L.E., MYBURGH, S.J. & LOUW, J.G. 1949b. Berseem Clover,

a useful winter fodder plant. Farming in South Africa 24: 422, 450.
CODD, L.E. & PETERKIN, E.M. 1933. Rice in British Guiana. Industrial, varietal and cultural studies.

CODD, L.E. & VOORENDYK, S. 1966. Plants which cause 'gousiekte' poisoning. *Bothalia* 8, Suppl.: 47–58.

GUNN, M. & CODD, L.E. 1981. Botanical exploration of southern Africa. Balkema, Cape Town.

LETTY, C., DYER, R.A., VERDOORN, I.C. & CODD, L.E. 1962. Wild Flowers of the Transvaal. Wild Flowers of the Transvaal Book Fund.

BERNARD DE WINTER\* and G. GERMISHUIZEN\*\*

<sup>\* 438</sup> Rodericks Road, Lynnwood 0081, Pretoria. Formerly: Director of Botanical Research Institute, now National Botanical Institute.

<sup>\*\*</sup> National Botanical Institute, Private Bag X101, Pretoria 0001.