

A Taxonomic Revision Of The South African Endemic Genus

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The Karoo - W. Richard J. Dean 1999-06-24

The succulent and Nama-karoo form part of the arid south-western zone of Africa, a vast region of rugged landscapes and low treeless vegetation. Studies of this unique biome have yielded fascinating insights into the ecology of its flora and fauna. This book, originally published in 1999, is the first to synthesise these studies, presenting information on biogeographic patterns and life processes, form and function of animals and plants, foraging ecology, landscape-level dynamics and anthropogenic influences. Detailed analyses of the factors distinguishing the biota of the Karoo from that of other temperate deserts are given and generalisations about semi-arid ecosystems challenged. The ideas expounded, the ecological principles reviewed, and the results presented are relevant to all those working in the extensive arid and semi-arid regions of the world.

Australian Beetles Volume 1 - John Lawrence 2013-10-14

Volume 1 in a three-volume series that represents a comprehensive treatment of the beetles of Australia.

Horticultural Flora of South-Eastern Australia - Roger Spencer 2002-04-30

Covers 51 Dicotyledon families, including important groups such as the Rosaceae (roses, peaches, pears, apples, plums, etcetera), Fabaceae (peas, beans and pea flowers), Mimosaceae (wattle), Proteaceae (banksias, grevilleas, macadamia, etcetera) and Myrtaceae (eucalypts, callistemons, tea trees, guavas, etcetera.).

Cultivated Plants of Southern Africa - H. F. Glen 2002

A listing of almost 9000 kinds of plants known to be cultivated in Southern Africa, or to have been tried here. The information is derived from a database containing details mainly of specimens archived in the National Herbarium, Pretoria.

Early Evolutionary History of the Synapsida - Christian F. Kammerer 2013-09-20

Non-mammalian synapsids were the dominant terrestrial vertebrates from the Late Carboniferous to the Middle Triassic and play a key role in understanding the origin and evolution of mammals. Despite these facts and the outstanding fossil record of the group, early synapsids remain obscure. This book showcases the full breadth of contemporary research on non-mammalian synapsids, ranging from taxonomy and phylogenetics to functional morphology, biogeography, paleoecology, and patterns of diversity. It also underscores the importance and potential of studying non-mammalian synapsid paleobiology in its own right, not just in the context of mammalian evolution.

Refugium Botanicum - Heinrich Gustav Reichenbach 1870

Taxonomic Revision of the Genera Homoeosoma Curtis and Patagonia Ragonot (Lepidoptera:Pyralidae:Phycitinae) in America North of Mexico - R. L. Goodson 1993

Phylogenetic treatment and taxonomic revision of the trapdoor spider genus Aptostichus Simon (Araneae, Mygalomorphae, Euctenizidae) - Jason E. Bond 2012-12-19

The Californian Floristic Province, located on the Pacific Coast of North America, is a region recognized as a 'biodiversity hotspot'. The area's rich floristic diversity is also reflected in its remarkable diversity of mygalomorph spiders - the group that includes trapdoor spiders, tarantulas, funnel spiders, and their other close relatives. This monograph documents the species diversity currently attributed to the euctenizid genus *Aptostichus* Simon distributed primarily throughout California, but also found in the habitats of Arizona and Nevada. Based on the examination of approximately 2000 specimens from museum and field collections, 40 species are assessed, 33 of which are new to science: *A. dantrippi*, *A. cabrillo*, *A. pennjillettei*, *A. asmodaeus*, *A. nateevansi*, *A. chiricahua*, *A. icenoglei*, *A. isabella*, *A. muiroi*, *A. barackobamai*, *A.*

sinnombre, *A. hedinorum*, *A. aguacaliente*, *A. chemehuevi*, *A. sarlacc*, *A. derhamgiulianii*, *A. anzaborrego*, *A. serrano*, *A. mikeradtkei*, *A. edwardabbeyi*, *A. killerdana*, *A. cahuilla*, *A. satleri*, *A. elisabethae*, *A. fornax*, *A. lucerne*, *A. fisheri*, *A. bonoi*, *A. cajalco*, *A. sierra*, *A. huntington*, *A. dorothaelangeae*, and *A. chavezi*.

Taxonomic revision of the olingos (Bassaricyon), with description of a new species, the Olinguito - Kristofer M. Helgen 2013-08-15

This paper presents the first comprehensive taxonomic revision of the olingos, *Bassaricyon*, based on most available museum specimens, with data derived from anatomy, mitochondrial and nuclear DNA, fieldwork, and geographic range modeling. Olingos are forest-living, arboreal, nocturnal, frugivorous, and solitary, and have one young at a time. Four olingo species can be recognized, including a Central American species (*B. gabbii*) and lowland species with eastern, cis-Andean (*B. alleni*) and western, trans-Andean (*B. medius*) distributions. Surprisingly, the sister lineage to all previously described species of *Bassaricyon* is an Andean cloud forest species, which we call the Olinguito, that has never been previously described. *Bassaricyon neblina* sp. n., endemic to Colombia and Ecuador, is the smallest living member of the family Procyonidae and the first new species of Carnivora named in the American continents in 35 years. We describe four subspecies of Olinguito across the Northern Andes.

Blepharis (Acanthaceae) - Kaj Vollesen 2000

The genus *Blepharis* is a vital part of the flora of tropical and South Africa. This monograph describes 126 recognised species.

Bibliography of Commonwealth Apiculture - Commonwealth Secretariat 2005

A bibliography on CD-ROM that lists almost all publications that have been written about bees, bee science, beekeeping, hive products etc, for each Commonwealth country in the tropics.

Cimbebasia - 1979

A Fossil History of Southern African Land Mammals - D. Margaret Avery 2019-04-11

A comprehensive reference on the taxonomy and distribution in time and space of all currently recognized southern African fossil mammals. This title is also available as Open Access on Cambridge Core.

Conservation of Freshwater Fishes - Gerard P. Closs 2016

A global assessment of the current state of freshwater fish biodiversity and the opportunities and challenges to conservation.

Annals of the South African Museum - South African Museum 1993

The Reptile Fauna of the Kruger National Park - Uys de Villiers Pienaar 1978

The Mammals of the Southern African Sub-region - J. D. Skinner 2006-03-20

This comprehensive volume covers all mammals that occur naturally on the African mainland south of the Cunene and Zambezi rivers, and also in the subregion's coastal waters. Extensively revised and updated for the new edition, it now includes the latest data from mammal research in southern Africa along with the radical taxonomic changes across all levels of mammalian classification. Containing contributions from specialists on each mammalian order, each species description has been reviewed by a range of independent and internationally recognised authorities. Along with the latest taxonomic information, the distribution maps and illustrations have been updated and redrawn, several new colour plates have been added, and the whole design has been enhanced to aid access to key information. This is the most comprehensive and up-to-date survey of southern-African mammals and forms an essential reference for zoologists, evolutionary biologists and anyone wanting an overview of the region's wildlife.

Issues in Life Sciences: Botany and Plant Biology Research: 2011 Edition - 2012-01-09

Issues in Life Sciences: Botany and Plant Biology Research: 2011 Edition is a ScholarlyEditions™ eBook that delivers timely, authoritative, and comprehensive information about Life Sciences—Botany and Plant Biology Research. The editors have built Issues in Life Sciences: Botany and Plant Biology Research: 2011 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Life Sciences—Botany and Plant Biology Research in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Issues in Life Sciences: Botany and Plant Biology Research: 2011 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.
NOAA Technical Report NMFS. - 1984

Pteridophytes and Gymnosperms - K.U. Kramer 2013-06-29

This encyclopedia offers access to the diversity of ferns and seed plants, the most important groups of green land plants. Available information of general and systematic relevance is synthesized at the level of families. Evidence from virtually all disciplines important to modern taxonomy makes the work a most valuable source of reference not only for taxonomists, but for all who are interested in the various aspects of plant diversity. A revised classification includes a complete inventory of genera along with their diagnostic features, keys for identification, and references to the literature. The first volume deals with pteridophytes and gymnosperms.

A Taxonomic Revision of the Erpodiaceae (Bryophyta) - Ronald A. Pursell 2017

The Erpodiaceae (Bryophyta) is a family of very small to small, pleurocarpous mosses most closely related to the Orthotrichaceae. Mosses in the Erpodiaceae are found mainly in drier areas of the tropical and subtropical regions of the world. Five genera are recognized in this study--Aulacopilum (2 species, 3 subspecies), Erpodium (2 species), Solmsiella (2 species), Tricherpodium (1 species, 2 subspecies), and Venturiella (8 species, 7 subspecies). This study is primarily morphologically based. The genera and species within each genus are arranged alphabetically. Keys are provided to the genera, sections, species, and subspecies. All genera, sections, species, and subspecies are described; illustrations and distribution maps are provided for each species and subspecies. The book includes twenty nomenclatural novelties.

The Biodiversity of African Plants - Xander van der Maesen 2012-12-06

Proceedings of the XIVth AETFAT Congress, 22-27 August 1994, Wageningen, the Netherlands

Bats of Southern and Central Africa - Ara Monadjem 2020-06-01

This revised edition of a book first published in 2010 supplements the original account of the 116 bat species then known to be found in Southern and Central Africa with an additional eight newly described species. The chapters on evolution, biogeography, ecology and echolocation have been updated, citing dozens of recently published papers. The book covers the latest systematic and taxonomic studies, ensuring that the names and relationships of bats in this new edition reflect current scientific knowledge. The species accounts provide descriptions, measurements and diagnostic characters as well as detailed information about the distribution, habitat, roosting habits, foraging ecology and reproduction of each species. The updated species distribution maps are based on 116 recorded localities. A special feature of the 2010 publication was the mode of identification of families, genera and species by way of character matrices rather than the more generally used dichotomous keys. Since then these matrices have been tested in the field and, where necessary, slightly altered for this edition. New photographs fill in gaps and updated sonograms aid with bat identification in acoustic surveys. The bibliography, which now contains more than 700 entries, will be an invaluable aid to students and scientists wishing to track down original research.

Gasterias of South Africa - Ernst J. van Jaarsveld 1994

Field Guide to South African Spiders (EPDF) - Ansie Dippenaar-Schoeman 2014-02-20

this is the first-ever field guide to provide information on a vast spectrum of spider species based on their morphology, behaviour and distribution. it's the first book to introduce all 70 south african spider families including 370 major genera and more than 860 of the more common species. it includes illustrations of all of the families, genera and species as well as more than 2 000 colour photographs and 843 maps.

Flora of New South Wales - Gwen Jean Harden 1990

Final volume in a series describing every native and naturalised vascular plant species in NSW. This volume covers monocotyledons, including the Poaceae, the Cyperaceae, the Juncaceae and the Orchidaceae, and contains a key to families of monocotyledons, as well as keys to genera and species. Each species is illustrated with black and white line drawings, and 230 species are shown in colour photographs. Useful reference for both amateur and professional botanists. Includes references, glossary, a cumulative index of plant names, and an index to families for volumes 1-4. The editor is a senior botanist at the National Herbarium of New South Wales, Royal Botanic Gardens, Sydney.

BIOLOGICAL SCIENCE FUNDAMENTALS AND SYSTEMATICS - Volum III - Alessandro Minelli 2009-11-10

Biological Science Fundamentals and Systematics is a component of Encyclopedia of Biological, Physiological and Health Sciences in the global Encyclopedia of Life Support Systems (EOLSS), which is an integrated compendium of twenty one Encyclopedias. The Theme on Biological Science Fundamentals and Systematics provides the essential aspects and a myriad of issues of great relevance to our world such as: History and Scope of Biological Sciences; The Origin and Evolution of Early Life; Evolution; Classification and Diversity of Life Forms; Systematics of Microbial Kingdom (s) and Fungi; Systematic Botany; Systematic Zoology: Invertebrates; Systematic Zoology: Vertebrates which are then expanded into multiple subtopics, each as a chapter. These four volumes are aimed at the following five major target audiences: University and College students Educators, Professional practitioners, Research personnel and Policy analysts, managers, and decision makers and NGOs.

Biological Control in IPM Systems in Africa - Peter Neuenschwander 2003

This book contains 24 chapters containing case studies and research papers on the biological control of pests by naturally occurring agents, exotic agents or by seasonal manipulation in Africa. This book will be of interest to those working in the areas of crop protection, entomology and pest management. An index of terms and species found in the book is provided.

Bothalia - 2005

Lime-trees and Basswoods - Donald Pigott 2012-09-06

Detailed descriptions are provided for all recognised taxa and are accompanied by illustrations.

A Taxonomic Revision of the Genus Lolium - Edward E. Terrell 1968

Medicinal plants 2 - Schmelzer, G.H. & Gurib-Fakim, A. 2008

PROTA 11 deals with the medicinal plants of Tropical Africa. Because the group is very large, it has been subdivided into 4 volumes. This volume, PROTA 11(2), describes 409 medicinal plants in 146 review articles. All articles are illustrated with geographic distribution maps and many with botanical line drawings.

Pelargoniums of Southern Africa - J. J. A. Van der Walt 1988

A Taxonomic Revision of the Genus Zyrphelis (Asteraceae, Astereae) in South Africa - Paul P. J. Herman 2022

Flora Capensis - William T. Thiselton Dyer 1915

Plants of the Northern Provinces of South Africa - E. Retief 1997

Entomology Abstracts - 1994

Monthly, with annual author and subject indexes. Abstracts from about 2750 primary journals dealing with the subject of insects. Arranged in classified order. Entries include titles given or translated into English, authors, addresses of first authors, and abstracts; all insects cited in the abstracts are identified by scientific family names. Each monthly issue has Index to classes and orders, Author index.

The Genus Haworthia (Liliaceae) - Charles L. Scott 1985

Bats of Southern and Central Africa - Ara Monadjem 2020-06-01

This revised edition of a book first published in 2010 supplements the

original account of the 116 bat species then known to be found in Southern and Central Africa with an additional eight newly described species. The chapters on evolution, biogeography, ecology and echolocation have been updated, citing dozens of recently published papers. The book covers the latest systematic and taxonomic studies, ensuring that the names and relationships of bats in this new edition reflect current scientific knowledge. The species accounts provide descriptions, measurements and diagnostic characters as well as detailed information about the distribution, habitat, roosting habits, foraging ecology and reproduction of each species. The updated species distribution maps are based on 116 recorded localities. A special feature of the 2010 publication was the mode of identification of families, genera and species by way of character matrices rather than the more generally used dichotomous keys. Since then these matrices have been tested in the field and, where necessary, slightly altered for this edition. New photographs fill in gaps and updated sonograms aid with bat identification in acoustic surveys. The bibliography, which now contains

more than 700 entries, will be an invaluable aid to students and scientists wishing to track down original research.

Illustrated Handbook of Succulent Plants - Focke Albers 2002
The Illustrated Handbook of Succulent Plants represents the first comprehensive taxonomic treatment of succulents in thirty years. It covers over 9000 taxa of all succulents except Cactaceae. The volume on dicotyledonous families embraces succulents from 47 families and 161 genera, further 8 families are shortly mentioned. Thus, a total of over 2000 species and 500 infraspecific taxa are covered. The families Didiereaceae, Fouquieriaceae and Nolanaceae are treated in their entirety - Portulacaceae with nearly all species. Euphorbia, with some 700 species, is the largest genus described. Other frequently cultivated genera covered in this volume include: Othonna and Senecio (Asteraceae), Jatropha and Monadenium (Euphorbiaceae), Pelargonium (Geraniaceae), Adenia (Passifloraceae), Peperomia (Piperaceae), as well as Cissus and Cyphostemma (Vitaceae). The focus is on caudiciform succulents grown in cultivation.