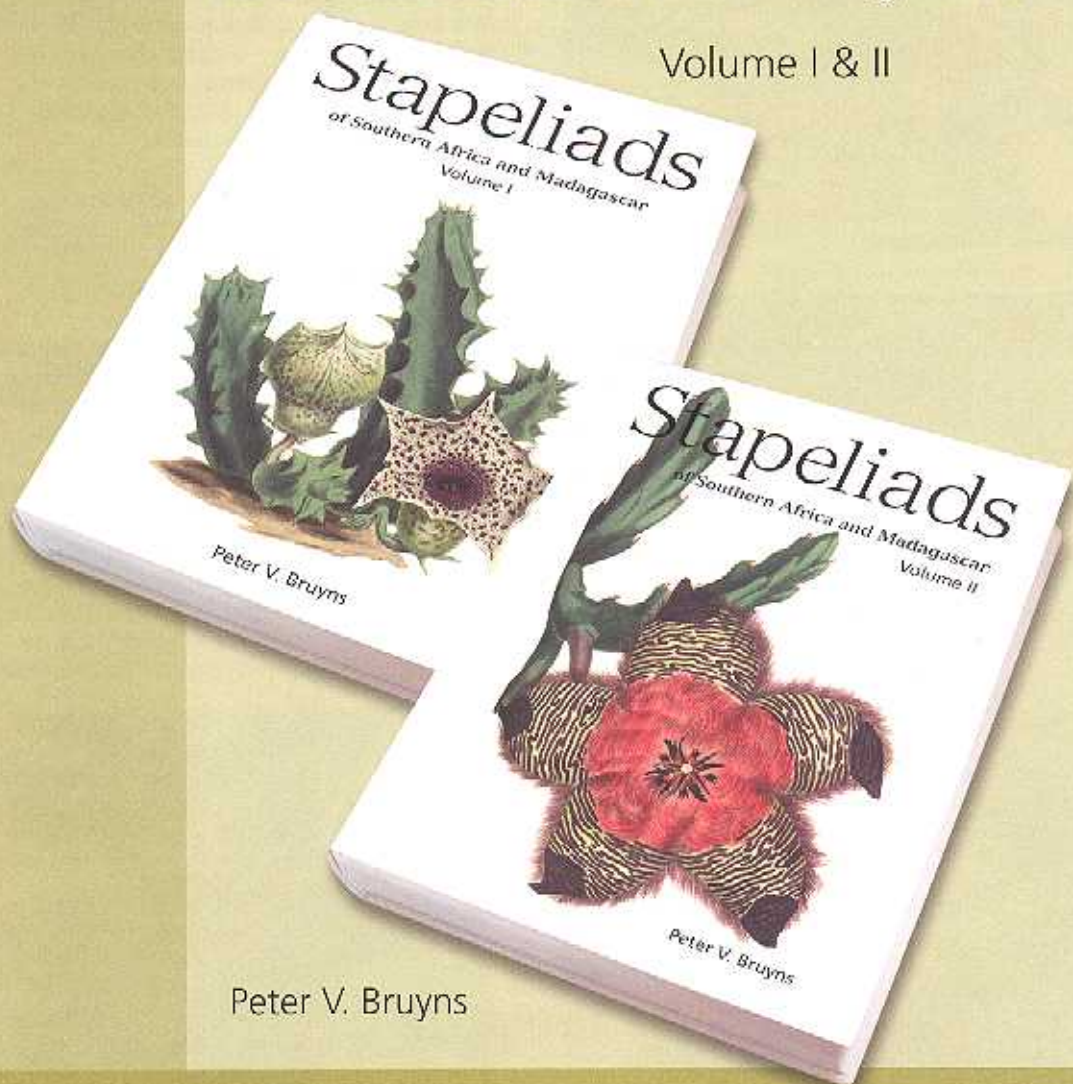


# Stapeliads

of Southern Africa and Madagascar

Volume I & II



Peter V. Bruyns

A NEW PUBLICATION BY UMDAUS PRESS

# The Book



*Huemia guttata*



*Trinacria pedunculata*

This important and long awaited two-volume monograph deals with the southern representatives of the fascinating group of succulent plants known as stapeliads. It is the only monograph on the topic published in the last 68 years. The book is the product of 25 years of research by the author who has become known for his many publications, meticulous line drawings and superb photographs. It is lavishly illustrated with maps, line drawings and photos.

This group of highly succulent, more or less leafless plants belongs to the family Apocynaceae. Found exclusively in the Old World, they are widely distributed over the drier parts from the southern-most tip of Africa to the southern shores of Europe and eastwards to Arabia, India and Myanmar. Of the roughly 330 known species, 182 occur in southern Africa, and all but a handful of these are endemic to this region. The present volumes deal with all 182 species, which belong to 20 genera. They therefore cover somewhat more than half the total number of all species.

There is a gap in the available botanical literature covering the stapeliads. The last monographic treatment by Alan C. White & Boyd L. Sloane appeared in 1937. Much activity in the intervening years has rendered their massive



*Orbea maculata* subsp. *rangiana*





*Tridentea jucunda*

and comprehensive three-volume work (of just less than 1 200 pages) entirely out of date. There have been many new discoveries, much research has been conducted for revisional work and this has resulted in new and unfamiliar names. All these changes have caused the picture to appear extremely complicated and confusing to the outsider, making the need for a comprehensive monograph ever more pressing.

For each of the 182 species covered in this book complete synonymy and a detailed description is given and its distribution, relationships and taxonomic history are discussed. Each species is provided with a map showing its known distribution and is illustrated with line drawings and a number of colour photographs. More than 1 000 colour photographs, together with the line drawings, not only make the species readily identifiable, but also demonstrate the variability that has been discovered in them, an aspect that has not previously received attention. An introductory section explains in detail the complex structure of the flowers and their unique mode of pollination. There is a key to the genera and keys to all the species within each genus are also provided. With its detailed scientific treatment, this book will be of great value to botanists familiarizing themselves with these plants. Furthermore, its comprehensive coverage and many attractive pictures will be of enormous interest to both the specialist hobbyist and to anyone else who may be fascinated by these succulents and may desire to know them better. All synonyms are also included in an exhaustive index.

## The Author

Peter Bruyns studied Mathematics at Oxford University, obtaining an M.A. in 1983 and a doctorate in 1986. Since then he has been a lecturer in Mathematics at the University of Cape Town and has published several papers in Mathematics. He has lived most of his life in Cape Town, South Africa, where he grew up and where his interest in plants was established at an early age. He obtained an M.Sc. in Botany from the University of Cape Town in 1991 and is a Research Associate of the Bolus Herbarium at that University. He has published widely in both scientific and popular journals and his papers are illustrated with his own photographs and line drawings. Most of his botanical activity has been in his main area of interest, the succulent members of the Apocynaceae and he is regarded internationally as an authority on this group of plants. The South African Association of Botanists honoured him with the Compton Award in 1997 for the best publication in South African Journal of Botany in 1995 and the Botanical Society of South Africa awarded him the Bolus Medal in 2003 for his contributions to botanical research in South Africa. He has explored widely from southern Africa to India in search of stapeliads. This has led to the discovery of much new information about the distribution of known species as well as several new species.



*Stapelia flavopurpurea*





*Quaque parviflora* subsp. *swanepoelii*



*Paronthus geminatus*



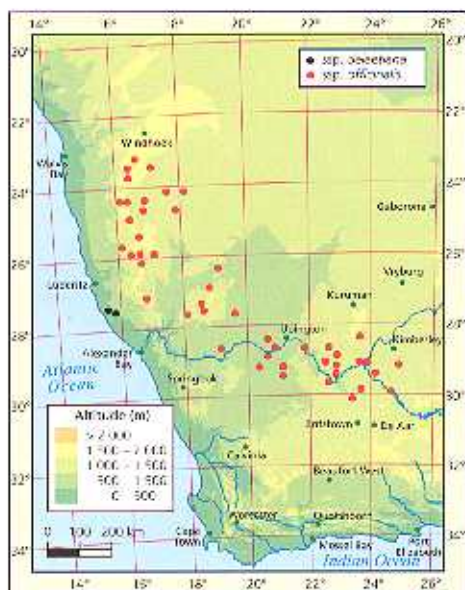
*Laryleachia picta*



*Avansia barklyi*

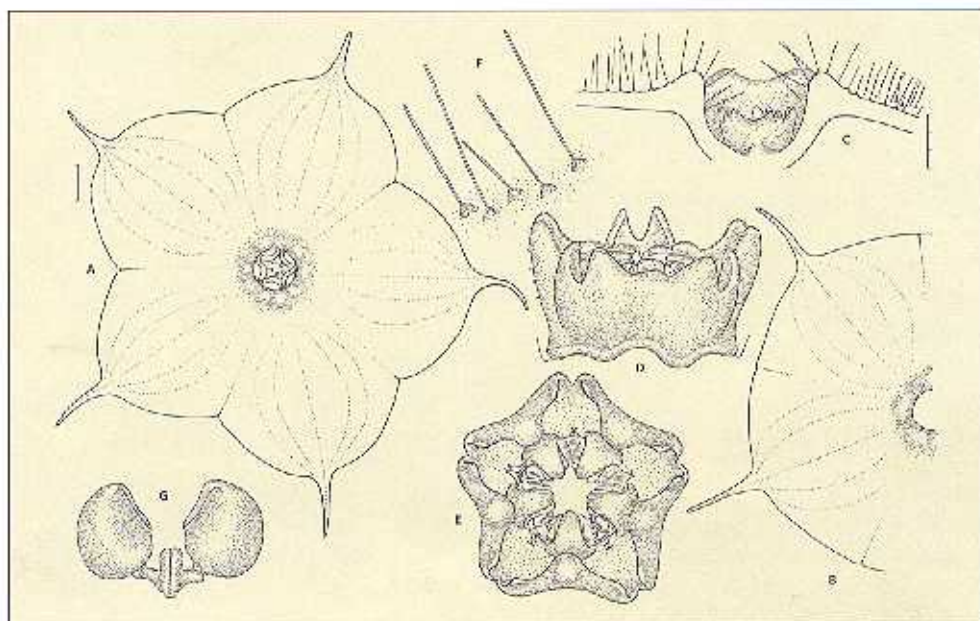
# Contents

- Historical sketch
- Classification
- Morphology
- Pollination biology
- Biogeography
- Cultivation
- Uses
- Systematic account of the 211 genera
- References
- Index (including all synonymics)



Distribution of *Hoodia officinalis*

## Examples of the distribution maps and the line drawings



*Hoodia currae* subsp. *lugardii*



# Publication Details

## Specifications:

Size: 230 mm x 297 mm (portrait). Two volumes.  
More than 600 pages in total, in excess of 1 000  
colour photos, 200 line drawings and 200  
distribution maps. Printed on matt art paper.

## Publication date:

The intended publication date is September  
2005. Pre-publication orders will be air mailed  
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A standard edition will available to subscribers  
to the sponsors and collectors editions, at a  
reduced price of R800 for the two volumes.



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*Hoodia parviflora*, near Okombambi west of the Baynes  
Mountains, Namibia.