

## **PUBLICATIONS FEATURING BUFFELSKLOOF OR JOHN & SANDIE BURROWS**

2010 to 2019

### **2010**

**BURROWS, J.E. & BURROWS, S.M.** (2010). *Didymosalpinx callianthus* and *Oxyanthus biflorus*, two new species of Rubiaceae from Mozambique and Tanzania. *Bothalia* 40,2: 201-204

**BURROWS, J.E. & CONDY, G.C.** (2010). *Ficus sur*. In G. Germishuizen (ed.), *Flowering Plants of Africa* 62: 48-55.

**WILKIN, P., BURROWS, J.E., BURROWS, S.M, MUASAYA, A.M. & VAN WYK, E.** (2010). A critically endangered new species of yam *Dioscorea strydomiana* Wilkin, (Dioscoreaceae) from Mpumalanga, South Africa. *Kew Bulletin* 65: 1-13.

### **2011**

**CROUCH, N.R.** (2011). *Metathelypteris burrowsiorum*, a new species from Swaziland and a first Genus record for Southern Africa, *Bothalia* 41,1 193-195.

**CROUCH, N.R. & BURROWS, J.E.** (2011). New pteridophyte records for the flora of Swaziland. *Bothalia* 41,1: 181-183.

**CROUCH, N.R., KLOPPER, R.R., BURROWS, J.E. & BURROWS, S.M.** (2011). *A comprehensive guide to the Ferns of Southern Africa*. Struik Nature, Cape Town.

**TIMBERLAKE, J., GOYDER, D.J., CRAWFORD, F., BURROWS, J.E., CLARKE, G.P., LUKE, Q., MATIMELE, H.A., MULLER, T., PASCAL, O., DE SOUSA, C. & ALVES, T.** (2011). Coastal dry forests in Mozambique. *Plant Ecology and Evolution* 144 (2): 126-137.

### **2012**

**MOORE, J.P., NGUEMA-ONA, E.E., VICRE'-GIBOUIN, M., SØRENSEN, I., WILLATS, W.G.T.,**

**DRIOUICH, A. & FARRANT, J.M.** (2012). Arabinose-rich polymers as an evolutionary strategy to plasticize resurrection plant cell walls against desiccation *Planta*. DOI 10.1007/s00425-012-1785-9

**SCHMIDT, E.J.D.** (2012). A new species of *Bauhinia* from southern Mozambique and the reinstatement of *Bauhinia macrantha*. *Bothalia* 42,1: 44-47.

## 2013

**BEHNKE, H.-D., HUMMEL, E., HILLMER, S., SAUER-GÜRTH, H., GONZALEZ, J. & WINK, M.** (2013). A revision of African Velloziaceae based on leaf anatomy characters and rbcL nucleotide sequences. *Botanical Journal of the Linnean Society*, 2013, 172, 22–94.

**HATTINGH, T.** (2013). A phytolith analysis of Bokoni soils. MSc. Thesis, University of Witwatersrand.

**VENTER, H.J.T. & VENTER, A.M.** (2013). A taxonomic revision of *Petopentia* (Apocynaceae : Periplocoideae). *South African Journal of Botany* 88: 425–431.

**ZALOUMIS, N.P.** (2013). South African Grassland Ecology and its Restoration. MSc. Thesis, Department of Biological Sciences, University of Cape Town.

## 2014

**HERMAN, P.P.J. & KOEKEMOR, M.** (2014). Two new species of *Callilepis* (Asteraceae) from southern Africa with corymbose inflorescences. *Phytotaxa* 000 (0): 000–000.  
<http://dx.doi.org/10.11646/phytotaxa.00.0.0>

**MAURIN, O., DAVIES, T.J., BURROWS, J.E., DARU, B.H., YESSOUFOU, K., MUASYA, M., VAN DER BANK, M. & BOND, W.J.** (2014). Savanna fire and the origins of the 'underground forests' of Africa. *New Phytologist* (2014) 204: 201–214. doi: 10.1111/nph.12936

**WAHLERT, G.A., MARCUSSEN, T., de PAULA-SOUZA, J., FENG, M. & BALLARD, H.E.** (2014). A Phylogeny of the Violaceae (Malpighiales) Inferred from Plastid DNA Sequences: Implications for Generic Diversity and Intrafamilial Classification. *Systematic Botany* 39(1).  
DOI 10.1600/036364414X678008

## 2015

**BESTER, S.P. & BURROWS, S.M.** (2015). *Vaccinium exul*. In A. Grobler (ed.), *Flowering Plants of Africa* 64: 90–100.

**FARRANT, J.M., COOPER, K., HILGART, A., ABDALLA, K., BENTLEY, J., THOMSON, J.A., DACE, H.J.W., PETON, N., MUNDREE, S.G. & RAFUDEEN, M.S.** (2015). A molecular physiological review of vegetative desiccation tolerance in the resurrection plant *Xerophyta viscosa* (Baker). *Planta* 2015: 242:407–426. DOI 10.1007/s00425-015-2320-6

**NORUP, M. F., PETERSEN, G., BURROWS, S.M., BOUCHENAK-KHELLADI, Y., LEEBENS-MACK, J., PIRES, J.C., LINDER, H.P. & SEDBERG, O.** (2015). Evolution of *Asparagus* L. (Asparagaceae): Out-of-South-Africa and multiple origins of sexual dimorphism. *Molecular Phylogenetics and Evolution* 92: 25–44.

**STONE, R.D.** (2015). Taxonomic treatment of *Memecylon* L. section *Felixiocylon* R.D.Stone (Melastomataceae), with descriptions of four new species from Cameroon, Gabon, and Equatorial Guinea (Bioko). *Adansonia*, sér. 3 • 2015 • 37 (1). Publications Scientifiques du Muséum national d'Histoire naturelle, Paris.

## 2016

**DARBYSHIRE, I., SIMMONS, M.P., CAPPA, J.J., BRETELER, F.J. & BUERKI, S.** (2016). *Pleurostyliia serrulata* and Two Allied New Species from Africa are Actually Members of the New World *Crossopetalum* (Celastraceae). *Systematic Botany*, 41(4): 851–864. DOI 10.1600/036364416X693955

**HUTCHINSON, S.-L.** (2016). Towards a taxonomic revision of the medicinally important genus *Alepidea* (Apiaceae): the systematics of sections *Setiferae* and *Leiocarpae*. MSc. Thesis, University of Johannesburg.

**MATIMELE, H.A.** (2016). An assessment of the distribution and conservation status of endemic and near-endemic plant species in Maputaland, Mozambique. MSc. Thesis, Percy FitzPatrick Institute of African Ornithology, University of Cape Town.

## 2017

**De GOUVEIA, N.A.M.** (2017). Systematics of *Crabbea* Harv. (Acanthaceae) in southern Africa. MSc. Thesis, Department of Plant Sciences (Botany), University of the Free State.

**STONE, R.D. & TENZA, N.P.** (2017). *Warneckea albiflora*, a new species of *W.* subgenus *Carnosae* (Melastomataceae—Olisbeoideae) from coastal dry forest in northern Mozambique. *Phytotaxa* 311 (2): 168–174. <https://doi.org/10.11646/phytotaxa.311.2.4>

**STONE, R.D., MONA, I.G., & RAMDHANI, S.** (2017). Revised treatment of Mozambican *Memecylon* (Melastomataceae—Olisbeoideae), with descriptions of four new species in *M.* section *Buxifolia*. *Phytotaxa* 331 (2): 151–168 <http://www.mapress.com/j/pt/>.

**DARBYSHIRE, I., McCLELAND, W. & FRONEMAN, W.** (2017). '*Barleria lebomboensis* (Acanthaceae), an endangered new species from the Lebombo Mountains of Swaziland' in *Phytotaxa* 323 (2): 173–181. <https://doi.org/10.11646/phytotaxa.323.2.5>

## 2018

**BURROWS, J.E., BURROWS, S.M., LOTTER, M.C. & SCHMIDT, E.** (2018). *The Trees and Shrubs of Mozambique*. Print Matters, Noordhoek.

**CHEEK, M, LAWRENCE, P. & McCLELAND, W.** (2018). *Cola dorrii* sp. nov. (Sterculiaceae), a threatened Maputaland Forest endemic of South Africa. *Kew Bulletin* (2018) 73:25.

DOI 10.1007/S12225-018-9749-2

**DORR, L.J. & WURDACK, K.J.** (2018). A new disjunct species of *Eriolaena* (Malvaceae, Dombeyoideae) from Continental Africa *Phytokeys*, vol. 111 pp 11–16. doi: 10.3897/phytokeys.111.29303  
<http://phytokeys.pensoft.net>

**JOHNSON, D.M. & MURRAY, N.A.** (2018). A Revision of *Xylopia* L. (Annonaceae): the species of Tropical Africa. *Phytokeys* 97: 1–252. doi: 10.3897/phytokeys.97.20975; <http://phytokeys.pensoft.net>  
A number of *Xylopia* collections in BNRH are cited here; the names on the scans on Global Plants at JSTOR have been updated in the light of this publication.

**MASSINGUE, A.O.** (2018). Ecological Assessment and Biogeography of Coastal Vegetation and Flora in Southern Mozambique. PhD Thesis, Nelson Mandela University, Port Elizabeth.

**OOSTHUIZEN, D. & BALKWILL, K.** (2018). *Viscum songimveloensis*, a new species of mistletoe from South Africa. *South African Journal of Botany*, vol. 115 pp 194–198.

<https://doi.org/10.1016/j.sajb.2018.02.004>

**SHAH, T., BURROWS, J.E. & DARBYSHIRE, I.** (2018). A new species of *Ochna* (Ochnaceae) from the Barberton Mountains of Mpumalanga, South Africa *Phytotaxa* vol. 374 (3) pp 241–248.  
doi.org/10.11646/phytotaxa.374.3.5

**SOCHOR, M., TRÁVNÍČEK, B. & MANNING, J.C.** (2018). Biosystematic revision of the native and naturalised species of *Rubus* L. (Rosaceae) in the Cape Floristic Region, South Africa. *S.A. Journal of Botany* 118: 241–259. <https://doi.org/10.1016/j.sajb.2018.07.015>

**VISSER, N., le ROUX, M.M. & VAN WYK, B.-E.** (2018): A taxonomic revision of the *Thesium goetzianum* species complex (Santalaceae) from Lesotho, South Africa and Swaziland. *S. A. Journal of Botany*, 119 (2018)]; <https://doi.org/10.1016/j.sajb.2018.08.005>

## 2019

**BENTLEY, J., MOORE, J.P. & FARRANT, J.M.** (2019): Metabolomic Profiling of the Desiccation-Tolerant Medicinal Shrub *Myrothamnus flabellifolia* Indicates Phenolic Variability Across Its Natural Habitat: Implications for Tea and Cosmetics Production. *Molecules* **2019**, *24*, 1240;  
doi:10.3390/molecules24071240.

**BOON, R.C. & VAN WYK, A.E.** (2019). 'Reinstatement of *Dovyalis revoluta* (Flacourtiaceae, Salicaceae), with an updated key to the species of *Dovyalis* in southern Africa' in *Phytotaxa* 409 (2): 053–065 (2019); <https://doi.org/10.11646/phytotaxa.409.2.1>. N.B. Sandie contributed the botanical illustrations to this article.

**BURROWS, J.E.** (2019). Moraceae. In: C.L. Bredenkamp, *A Flora of the Eastern Cape Province*. *Strelitzia* 41, 2: 1235–1238. SANBI, Pretoria.

**CROUCH, N.R., MARTINEZ-AZORIN, M., BURROWS, J.E., LOTTER, M.C. and CONDY, G.** (2019). *Eucomis sonnetteana* (Hyacinthaceae) in *Flowering Plants of Africa* 66: 46–55.

**SHAIK, Z.** (2019). Species delimitation and speciation process in the *Seriphium plumosum* L. complex (Gnaphalieae: Asteraceae) in South Africa. MSc. Thesis, Department of Biological Sciences, University of Cape Town.

### **In press (October 2019):**

**STONE, R.D., MONA, I.G., STYLES, D., BURROWS, J.E. & RAMDHANI, S.** (in press, 2019). Taxonomic revision of South African *Memecylon* (Melastomataceae–Olisbeoideae), including three new species *M. kosiense*, *M. soutpansbergense* and *M. australissimum*. *Phytotaxa*.