

Publications by Marc S.M. Sosef (updated January 2017)

Articles in refereed SCI journals:

1. Koning, R. de & **M.S.M. Sosef**, 1985. The Malesian species of *Paspalum* L. (Gramineae). *Blumea* 30: 279-318. (IF 0.44)
2. Veldkamp, J.F., R. de Koning & **M.S.M. Sosef**, 1986. Generic delimitations of *Rottboellia* and related genera (Gramineae). *Blumea* 31: 281-308. (IF 0.44)
3. **Sosef, M.S.M.**, 1991. Glacial rain forest refuges and speciation in *Begonia* sect. *Loasibegonia* and sect. *Scutobegonia*. *Acta Botanica Neerlandica* 40: 381. (IF 2.01)
4. **Sosef, M.S.M.**, 1992. The variable taxon: coding for polytypism within a cladistic analysis. *Acta Botanica Neerlandica* 41: 352. (IF 2.01)
5. **Sosef, M.S.M.**, 1995. Biogeography and phylogeny of *Begonia* in relation to glacial rain forest refuges in Africa. *Acta Botanica Neerlandica* 44: 304. (IF 2.01)
6. **Sosef, M.S.M.**, 1996. Paraphyletic genera: their theoretical basis. *Acta Botanica Neerlandica* 45: 582. (IF 2.01)
7. **Sosef, M.S.M.**, 1997. Hierarchical models, reticulate evolution and the inevitability of paraphyletic supraspecific taxa. *Taxon* 46: 75-85. (IF 2.52)
8. Brummitt, R.K. & **M.S.M. Sosef**, 1998. Paraphyletic taxa are inherent in Linnaean classification - a reply to Freudenstein. *Taxon* 47: 411-412. (IF 2.52)
9. Veldkamp, J.F. & **M.S.M. Sosef**, 1998. (42) A proposal regarding isonyms. *Taxon* 47: 491-492. (IF 2.52)
10. Küper, W., H. Sommer, J.C. Lovett, J. Mutke, H.P. Linder, H.J. Beentje, R.S.A.R. Van Rompaey, C. Chatelain, **M. Sosef** & W. Barthlott, 2004. Africa's hotspots of biodiversity redefined. *Annals of the Missouri Botanical Garden* 91(4): 525-535. (IF 1.56)
11. **Sosef, M.S.M.** & D.A. Simpson, 2005. *Hypolytrum unispicatum* (Cyperaceae), a new species from Cameroon. *Blumea* 50: 523-525. (IF 0.44)
12. **Sosef, M.S.M.** & L. Ngok Banak, 2005. *Novitates Gabonenses* 52. A new variety within the *Sporobolus indicus* complex (Gramineae). *Blumea* 50: 463-466. (IF 0.44)
13. **Sosef, M.S.M.**, D.J. Harris & K.E. Armstrong, 2007. *Novitates Gabonenses* 64. A new species of *Campylosporum* (Ochnaceae) from coastal Gabon. *Blumea* 52: 15-19. (IF 0.44)
14. Parmentier, I., Y. Malhi, B. Senterre, R.J. Whittaker, A.T.D.N., A. Alonso, M.P.B. Balinga, A. Bakayoko, F. Bongers, C. Chatelain, J.A. Comiskey, R. Cortay, M.-N.D. Kamdem, J.-L. Doucet, L. Gautier, W.D. Hawthorne, Y.A. Issembe, F.N. Kouame, L.A. Kouka, M.E. Leal, J. Lejoly, S.L. Lewis, L. Nusbaumer, M.P.E. Parren, K.S.-H. Peh, O.L. Phillips, D. Sheil, B. Sonké, **M.S.M. Sosef**, T.C.H. Sunderland, J. Stropp, H. ter Steege, M.D. Swaine, M.G.P. Tchouto, B.S. van Gemerden, J.L.C.H. van Valkenburg & H. Wöll, 2007. The odd man out? Might climate explain the lower tree α -diversity of African rain forests relative to Amazonian rain forests? *Journal of Ecology* 95: 1058-1071. (IF 4.42)
15. Couvreur, T.L.P., J.E. Richardson, **M.S.M. Sosef**, R.H.J. Erkens & L.W. Chatrou, 2008. Evolution of syncarpy and other morphological characters in African Annonaceae: A posterior mapping approach. *Molecular Phylogenetics and Evolution* 47: 302-318. (IF 3.99)
16. Couvreur, T.L.P., L.W. Chatrou, **M.S.M. Sosef** & J.E. Richardson, 2008. Molecular phylogenetics reveal multiple tertiary vicariance origins of the African rain forest trees. *BMC-Biology* 2008, 6: 54. doi:10.1186/1741-7007-6-54 (IF 4.73)
17. **Sosef, M.S.M.**, 2008. Révision du genre africain *Rhabdophyllum* Tiegh. (Ochnaceae), avec sa

- distribution au Cameroun et au Gabon. *Adansonia*, sér. 3, 30(1): 119-135. (IF 0.44)
18. Bissiengou, P. & **M.S.M. Sosef**, 2008. Novitates Gabonenses 69. A new endemic species of and a new combination in *Campylospermum* (Ochnaceae). *Blumea* 53: 627-631. doi:10.3767/000651908X607576 (IF 0.44)
 19. **Sosef, M.S.M.** & N.S. Nguema Miyono, 2010. Novitates Rio Munis 2. A new species of *Begonia* sect. *Loasibegonia* (Begoniaceae) from the Monte Alen region, Equatorial Guinea. *Blumea* 55: 91-93. (IF 0.44)
 20. **Sosef, M.S.M.**, 2010. *Trillesanthus*, a validly published name to replace the African genus *Marquesia* (Dipterocarpaceae). *Blumea* 55: 88-90. (IF 0.44)
 21. Couvreur, T.L.P., G. Gort, J.E. Richardson, **M.S.M. Sosef** & L.W. Chatrou, 2010. Insights into the influence of priors in posterior mapping of discrete morphological characters: a case study in Annonaceae. *PLoS ONE* 5(5): e10473. doi:10.1371/journal.pone.0010473 (IF 3.74)
 22. Parmentier, I., Harrigan, R.J., Buermann, W., Mitchard, E.T.A., Saatchi, S., Malhi, Y., Bongers, F., Hawthorne, W.D., Leal, M.E., Lewis, S.L., Nusbaumer, L., Sheil, D., **Sosef, M.S.M.**, Affum-Baffoe, K., Bakayoko, A., Chuyong, G.B., Chatelain, C., Comiskey, J.A., Dauby, G., Doucet, J.-L., Faucet, S., Gautier, L., Gillet, J.-F., Kenfack, D., Kouamé, F.N., Kouassi, E.K., Kouka, L.A., Parren, M.P.E., Peh, K.S.-H., Reitsma, J.M., Senterre, B., Sonké, B., Sunderland, T.C.H., Swaine, M.D., Tchouto, M.G.P., Thomas, D., Valkenburg, J.L.C.H. & Hardy, O., 2011. Predicting alpha diversity of African rain forests: models based on climate and satellite-derived data do not perform better than a purely spatial model. *Journal of Biogeography* 38: 1164-1176. (IF 5.30)
 23. Botermans, M., **M.S.M. Sosef**, L.W. Chatrou & T.L.P. Couvreur, 2011. Revision of the African genus *Hexalobus* (Annonaceae). *Systematic Botany* 36: 33-48. (IF 1.63)
 24. Wieringa, J.J. & **M.S.M. Sosef**, 2011. The applicability of Relative Floristic Resemblance to evaluate the conservation value of protected areas. *Plant Ecology and Evolution* 144(3): 242-248. (IF 1.17) and *Scripta Botanica Belgica* 50: 14-20.
 25. Van Velzen, R., N. Wahlberg, **M.S.M. Sosef** & F.T. Bakker, 2013. Effects of changing climate on diversification in tropical forest butterflies of the genus *Cymothoe* (Lepidoptera, Nymphalidae). *Biological Journal of the Linnean Society* 108: 546-564. doi: 10.1111/bij.12012 (IF 2.19)
 26. Vihotogbe, R., R.G. van den Berg & **M.S.M. Sosef**, 2013. Morphological characterization of African bush mango trees (*Irvingia* species) in West Africa. *Genetic Resources and Crop Evolution* 60(4): 1597-1614. doi:10.1007/s10722-013-9969-0 (IF 1.55)
 27. Bissiengou, P., L.W. Chatrou, J.J. Wieringa & **M.S.M. Sosef**, 2013. Taxonomic novelties in the genus *Campylospermum* (Ochnaceae). *Blumea* 58: 1-7. doi: 10.3767/000651913X667817 (IF 0.70)
 28. Banaticla-Hilario, M.C., **M.S.M. Sosef**, K. McNally, N.R.S. Hamilton & R.G. van den Berg, 2013. Ecogeographic variation in the morphology of two Asian wild rice species, *Oryza nivara* and *Oryza rufipogon*. *International Journal of Plant Sciences* 174(6): 896-909. <http://www.jstor.org/stable/10.1086/670370>. (IF 1.64)
 29. **Sosef, M.S.M.**, 2013. The genus *Idertia* (Ochnaceae). *Plant Ecology and Evolution* 146(3): 351-359. <http://dx.doi.org/10.5091/plecevo.2013.870> (IF 1.19)
 30. Veldkamp, J.F., M.E.B. van den Boogaart, J. Heidweiller, M.A.F. van der Klaauw, R. de Koning, A.R. Kraaijeveld, **M.S.M. Sosef** & R.C.W. Strucker, 2013. A revision of *Mnesithea* (Gramineae – Rottboelliinae) in Malesia and Thailand. *Blumea* 58: 277-292. <http://dx.doi.org/10.3767/000651913X678257> (IF 0.70)
 31. **Sosef, M.S.M.** & G. Dauby, 2012. Contribution to the taxonomy of *Garcinia* (Clusiaceae) in Africa, including two new species from Gabon and a key to the Lower Guinean species. *PhytoKeys* 17: 41-62. doi: 10.3897/phytokeys.17.3114
 32. Quiroz, D., A. Towns, S.I. Legba, J. Swier, S. Brière, **M.S.M. Sosef** & T. van Andel, 2014. Quantifying the domestic market in herbal medicine in Benin, West Africa. *Journal of Ethnopharmacology* 151:

- 1100-1108. <http://dx.doi.org/10.1016/j.jep.2013.12.019> (IF 2.76)
33. Vihotogbé, R., R. Glèlè Kakaï, F. Bongers, T. van Andel, R.G. van den Berg, B. Sinsin & **M.S.M. Sosef**, 2014. Impacts of the diversity of traditional uses and potential economic value on food tree species conservation status: case study of African bush mango trees (Irvingiaceae) in the Dahomey Gap (West Africa). *Plant Ecology and Evolution* 147: 109-125. DOI <http://dx.doi.org/10.5091/plecevo.2014.789> (IF 0.96)
34. Kreutz, C.A.J. & **M.S.M. Sosef**, 2014. (2278) Proposal to conserve the name *Serapias helleborine* (*Epipactis helleborine*) (Orchidaceae) with a conserved type. *Taxon* 63: 432-434. DOI <http://dx.doi.org/10.12705/632.26> (IF 2.78)
35. Hamann, T.D., A. Müller, J.F. Veldkamp, M.C. Roos, **M.S.M. Sosef** & E. Smets, 2014. Detailed mark-up of semi-monographic legacy taxonomic works using FlorML. *Taxon* 63: 377-393. DOI <http://dx.doi.org/10.12705/632.11> (IF 2.78)
36. Schneider, J.V., P. Bissiengou, M.E. Amaral, A. Tahir, M.F. Fay, M. Thines, **M.S.M. Sosef**, G. Zizka, L.W. Chatrou, 2014. Phylogenetics, ancestral state reconstruction, and a new infrafamilial classification of the pantropical Ochnaceae (Medusagynaceae, Ochnaceae s.str., Quiinaceae) based on five DNA regions. *Molecular Phylogenetics and Evolution* 78: 199-214. DOI: 10.1016/j.ympev.2014.05.018 (IF 4.07)
37. **Sosef, M.S.M.**, 2014. Novitates Gabonenses 86. The *Begonia clypeifolia* complex (Begoniaceae) unravelled. *Plant Ecology and Evolution* 147: 224-236. DOI: 10.5091/plecevo.2014.905 (IF 0.96)
38. Kidane, B., L.J.G. van der Maesen, Z. Asfaw, **M.S.M. Sosef** & T. van Andel, 2014. Wilde and semi-wild leafy vegetables used by the Maale and Ari ethnic communities in southern Ethiopia. *Genetic Resources and Crop Evolution*. DOI 10.1007/s10722-014-0147-9 (IF 1.59)
39. Vihotogbé, R., N. Raes, R.G. van den Berg, F.J. Bongers, B. Sinsin & **M.S.M. Sosef**, 2014. Does phenology distinguish bitter and sweet African Bush Mango trees (Irvingiaceae)? *Trees – Structure and Function*: DOI 10.1007/s00468-014-1085-z (IF 2.15)
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42. Luong, T.-T., P. Hovenkamp & **M.S.M. Sosef**, 2015. Revision of the fern genus *Orthiopteris* (Saccolomataceae) in Malesia and adjacent regions. *PhytoKeys* 53: 39–71. DOI: 10.3897/phytokeys.53.4955 (IF 0.69)
43. van Proosdij, A.S.J., **M.S.M. Sosef**, J.J. Wieringa & N. Raes, 2015. Minimum required number of specimen records to develop accurate species distribution models. *Ecography* 38: 542–552. DOI: 10.1111/ecog.01509 (IF 4.21)
44. Cadima Fuentes, X., R. van Treuren, R. Hoekstra, R.G. van den Berg & **M.S.M. Sosef**, 2016. Genetic diversity of Bolivian wild potato germplasm: changes during *ex situ* conservation management and comparisons with resampled *in situ* populations. *Genetic Resources and Crop Evolution* (IF 1.46). DOI 10.1007/s10722-015-0357-9
45. Quiroz, D., **M. Sosef** & T. van Andel, 2016. Why ritual plant use has pharmacological relevance. *Journal of Ethnopharmacology* 188: 48-56. (IF 3.00) [doi.org/10.1016/j.jep.2016.05.006](http://dx.doi.org/10.1016/j.jep.2016.05.006)
46. **Sosef, M.S.M.**, 2016. Producing the *Flore d’Afrique centrale*, past, present and future. *Taxon* 65(4): 937–939. (IF 2.9). DOI: 10.12705/654.54
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- J.L. van de, Sonké, B., **Sosef, M.**, Stévant, T., Stoffelen, P., Svenning, J.-C., Sepulchre, P., Burgt, X. van der, Wieringa, J.J. & Couvreur, T.L.P. (submitted). RAINBIO: a mega-database of distributions of tropical African vascular plants. *PhytoKeys* 74: 1-18. (IF 0.99) doi: 10.3897/phytokeys.74.9723
48. **Sosef, M.S.M.**, 2016. Taxonomic novelties in Central African grasses (Poaceae), Paniceae 1. *Plant Ecology and Evolution* 149(3): 356-365. (IF 1.16) doi: 10.5091/plecevo.2016.1221
49. van Proosdij, A.S.J., N. Raes, J.J. Wieringa & **M.S.M. Sosef**, 2016. Unequal contribution of widespread and narrow-ranged species to botanical diversity patterns. *PLoS ONE* 11(12) e0169200. doi:10.1371/journal.pone.0169200 (IF 4.09)

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1. Koning, R. de, **M.S.M. Sosef** & J.F. Veldkamp, 1983. A revision of *Heteropholis* and *Thaumastochloa* (Gramineae). *Gardens' Bulletin of Singapore* 63: 137-162.
2. Heniger, J. & **M.S.M. Sosef**, 1989. Antoni Gaymans (ca 1630–1680) and his herbaria. *Archives of Natural History* 16: 147-168.
3. **Sosef, M.S.M.**, 1992. Novitates Gabonenses 8: Seven new *Begonia* species from Gabon. In: J.J.F.E. de Wilde (Ed.). *Studies in Begoniaceae III. Wageningen Agricultural University Papers* 91-4: 83-116. (also as *Belmontia* n.s. 24, no 147)
4. **Sosef, M.S.M.**, 1992. New species of *Begonia* in Africa and their relevance to the study of glacial rain forest refuges. In: J.J.F.E. de Wilde (Ed.). *Studies in Begoniaceae III. Wageningen Agricultural University Papers* 91-4: 117-151. (also as *Belmontia* n.s. 24, no 148)
5. **Sosef, M.S.M.**, 1994 (Thesis). Refuge begonias. Taxonomy, phylogeny and historical biogeography of *Begonia* sect. *Loasibegonia* and sect. *Scutobegonia* in relation to glacial rain forest refuges in Africa. 306 pp. (also as *Studies in Begoniaceae* 5. *Wageningen Agricultural University Papers* 94-1, and *Belmontia* n.s. 26)
6. Breteler, F.J. & **M.S.M. Sosef**, 1996. 1 Introduction. In: F.J. Breteler & M.S.M. Sosef (Eds). *Herbarium Vadense 1896 – 1996. Wageningen Agricultural University Papers* 96-2: 9-10.
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9. Doorenbos, J., **M.S.M. Sosef** & J.J.F.E. de Wilde, 1998. The sections of *Begonia*, including descriptions, keys and species lists. (*Studies in Begoniaceae* VI). *Wageningen Agricultural University Papers* 98-2. 266 pp.
10. **Sosef, M.S.M.**, 1999. Novitates Gabonenses (32). A new species of *Panicum* (*Gramineae*) from Gabon. *Bulletin du Jardin Botanique National Belgique* 67: 5-8.
11. **Sosef, M.S.M.** & M.E. Leal, 2002. Novitates Gabonenses 41. A new *Begonia* species from the Lopé Reserve (Gabon). In: J.J.F.E. de Wilde (Ed.). *Studies in Begoniaceae VII. Wageningen University Papers* 2001.2: 267-271.
12. Versteegh, C.P.C. & **M.S.M. Sosef**, 2007. Revision of the African genus *Annickia* (*Annonaceae*). *Systematics and Geography of Plants* 77: 91-118.
13. Kidane, B., L.J.G. van der Maesen, T. van Andel, Z. Asfaw & **M.S.M. Sosef**, 2014. Ethnobotany of wild and semi-wild edible fruits used by the Maale and Ari ethnic communities in southern Ethiopia.

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1. Balgooy, M.M.J. van, R. de Koning & **M.S.M. Sosef**, 1987. The phytogeographical position of Sulawesi (Celebes). In: P. Hovenkamp (Gen. Ed.). *Systematics and evolution: a matter of diversity*: 263-270. Faculty of Biology, Utrecht University, Utrecht.
2. Berdowski, J.J.M., R. Hengeveld & **M. Sosef**, 1987. Changes in aggregation of a temporal transition of heathland into grassland. In: J.J.M. Berdowski. *The catastrophical death of *Calluna vulgaris* in Dutch heathland*: 53-62. Elinkwijk BV, Utrecht.
3. **Sosef, M.S.M.**, 1993. co-author of 16 articles on *Afzelia*, *Anthocephalus*, *Cratoxylum*, *Dalbergia*, *Dryobalanops*, *Gmelina*, *Intsia*, *Pinus*, *Shorea* (red meranti), *Shorea* (white meranti), *Shorea* (yellow meranti), *Shorea* (balau and red balau), *Sindora*, *Swietenia*, *Tectona* and *Upuna*. In: I. Soerianegara & R.H.M.J. Lemmens (Eds). *Plant Resources of South-East Asia* 5(1). Timber trees: Major commercial timbers. Pudoc, Wageningen.
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5. **Sosef, M.S.M.**, 1995. co-author of 30 articles on *Aglaia*, *Ailanthus*, *Artocarpus*, *Beilschmiedia*, *Canarium*, *Castanopsis*, *Castanospermum*, *Cinnamomum*, *Cryptocarya*, *Dacrycarpus*, *Dacrydium*, *Diospyros*, *Elmerrillia*, *Fagraea*, *Falcatifolium*, *Homalium*, *Libocedrus*, *Lithocarpus*, *Litsea*, *Myristica*, *Nageia*, *Nothofagus*, *Ochanostachys*, *Pentace*, *Pentaspadon*, *Phyllocladus*, *Prumnopitys*, *Pterocymbium*, *Quercus* and *Terminalia*. In: R.H.M.J. Lemmens, I. Soerianegara & W.C. Wong (Eds). *Plant Resources of South-East Asia* 5(2): Timber trees: Minor commercial timbers. Backhuys Publishers, Leiden.
6. **Sosef, M.S.M.**, 1996. Begonias and African rain forest refuges: general aspects and recent progress. In: L.J.G. van der Maesen, X.M. van der Burgt & J.M. van Medenbach de Rooy (Eds). *The biodiversity of African plants. Proceedings XIVth AETFAT Congress, 22–27 August 1994*, Wageningen, The Netherlands: 602–611. Kluwer Academic Publishers, Dordrecht.
7. **Sosef, M.S.M.** & J.J.F.E. de Wilde (Eds), 1996. Chapter 7: Glacial rain forest refuges. In: L.J.G. van der Maesen, X.M. van der Burgt & J.M. van Medenbach de Rooy (Eds). *The biodiversity of African plants. Proceedings XIVth AETFAT Congress, 22–27 August 1994*, Wageningen, The Netherlands: 519-628. Kluwer Academic Publishers, Dordrecht.
8. Lemmens, R.H.M.J. & **M.S.M. Sosef**, 1997. The flora of the Congo Basin. *BOS Newsletter* 16(3): 21-25; idem, 1998. In: C. Besselink & P. Sips (Editors). *The Congo Basin - Le Bassin du Congo*: 25-30. Netherlands Committee for IUCN, Amsterdam.
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10. **Sosef, M.S.M.**, 1998. co-author of 82 articles on *Acronychia*, *Actinodaphne*, *Adinandra*, *Alloxylon*, *Antiaris*, *Antidesma*, *Ardisia*, *Astronia*, *Berrya*, *Blumeodendron*, *Broussonetia*, *Camptostemon*, *Casearia*, *Chisocheton*, *Crudia*, *Crypteronia*, *Dolichandrone*, *Dryadodaphne*, *Drymophloeus*, *Drypetes*,

Dysoxylum, Ehretia, Eleutherandra, Endiandra, Eriobotrya, Ficus, Flindersia, Galbulimima, Gastonia, Geijera, Gironniera, Glenniea, Gordonia, Grevillea, Gronophyllum, Gymnostoma, Gyrocarpus, Halfordia, Heliciopsis, Itoa, Knema, Lepisanthes, Magnolia, Melicope, Meliosma, Mezzettia, Microcos, Mitrephora, Monocarpia, Morus, Beuburgia, Nothaphoebe, Orophea, Parartocarpus, Pittosporum, Platea, Platymitra, Polyosma, Polyscias, Prainea, Pternandra, Pyrenaria, Rapanea, Phodoleia, Rhopaloblaste, Sageraea, Schima, Sloanea, Teijsmanniodendron, Ternstroemia, Tetradium, Tetrameles, Trichadenia, Trichospermum, Trigoniastrium, Vavaea, Viticipremna, Walsura, Xanthophyllum, Xanthostemon, Xerospermum, Xylophia and Zanthoxylum. In: M.S.M. Sosef, S. Prawirohatmodjo & L.T. Hong (Eds). *Plant Resources of South-East Asia 5(3): Timber trees: Lesser-known timbers.* Backhuys Publishers, Leiden.

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