



A new name in Hibiscus (Malvaceae) for Madagascar

Authors: Callmander, Martin W., Schatz, George E., Gereau, Roy E., and Hanes, Margaret M.

Source: *Candollea*, 75(2) : 323-324

Published By: The Conservatory and Botanical Garden of the City of Geneva (CJBG)

URL: <https://doi.org/10.15553/c2020v752a14>

BioOne Complete (complete.BioOne.org) is a full-text database of 200 subscribed and open-access titles in the biological, ecological, and environmental sciences published by nonprofit societies, associations, museums, institutions, and presses.

Your use of this PDF, the BioOne Complete website, and all posted and associated content indicates your acceptance of BioOne's Terms of Use, available at www.bioone.org/terms-of-use.

Usage of BioOne Complete content is strictly limited to personal, educational, and non - commercial use. Commercial inquiries or rights and permissions requests should be directed to the individual publisher as copyright holder.

BioOne sees sustainable scholarly publishing as an inherently collaborative enterprise connecting authors, nonprofit publishers, academic institutions, research libraries, and research funders in the common goal of maximizing access to critical research.

A new name in *Hibiscus* (Malvaceae) for Madagascar

Martin W. Callmänder, George E. Schatz, Roy E. Gereau & Margaret M. Hanes

Abstract

CALLMANDER, M.W., G.E. SCHATZ, R.E. GEREAU & M.M. HANES (2020). A new name in *Hibiscus* (Malvaceae) for Madagascar. *Candollea* 75: 323–324. In English, English and French abstracts. DOI: <http://dx.doi.org/10.15553/c2020v752a14>

The combination *Hibiscus involucratus* (Hochr.) M. Hanes et al. (*Malvaceae*), based on *Macrostelia involucrata* Hochr., is a later homonym of *Hibiscus involucratus* Salisb. *Macrostelia involucrata* is here replaced by the new name *Hibiscus benedicti* Callm., G.E. Schatz & M. Hanes.

Résumé

CALLMANDER, M.W., G.E. SCHATZ, R.E. GEREAU & M.M. HANES (2020). Un nom nouveau dans le genre *Hibiscus* (Malvaceae) pour Madagascar. *Candollea* 75: 323–324. En anglais, résumés anglais et français. DOI: <http://dx.doi.org/10.15553/c2020v752a14>

La combinaison *Hibiscus involucratus* (Hochr.) M. Hanes et al. (*Malvaceae*), basée sur *Macrostelia involucrata* Hochr., est un homonyme postérieur d'*Hibiscus involucratus* Salisb. *Macrostelia involucrata* est remplacé ici par le nom nouveau *Hibiscus benedicti* Callm., G.E. Schatz et M. Hanes.

Keywords

MALVACEAE – *Hibiscus* – Madagascar – New name

Addresses of the authors:

MWC: Conservatoire et Jardin botaniques de la Ville de Genève, ch. de l'Impératrice 1, C.P. 71, 1292 Chambésy, Switzerland. E-mail: martin.callmänder@ville-ge.ch

GES, REG: Missouri Botanical Garden, 4344 Shaw Blvd, St. Louis, MO, 63110-2291, USA.

MMH: Department of Biology, Eastern Michigan University, 441 Mark Jefferson Science Complex, Ypsilanti, MI, 48103, USA.

First published online on November 18, 2020.

Introduction

A recent work establishes that members of the genus *Macrostelia* Hochr. are better placed in the genus *Hibiscus* L. (HANES et al., 2020). The two species previously described by HOCHREUTINER (1952) in *Macrostelia*, *Macrostelia calyculata* Hochr. and *M. involucratus* Hochr., were therefore transferred to *Hibiscus*. One of the new combinations, *Hibiscus involucratus* (Hochr.) M. Hanes et al., is illegitimate because it is a later homonym of *H. involucratus* Salisb. The new name *H. benedicti* Callm., G.E. Schatz & M. Hanes is published here as a replacement name for *Macrostelia involucratus* Hochr. following ICN Art. 6.11 (TURLAND et al., 2018).

Hibiscus benedicti Callm., G.E. Schatz & M. Hanes, **nom. nov.**

= *Macrostelia involucratus* Hochr. in Notul. Syst. (Paris) 14: 230. 1952. = *Hibiscus involucratus* (Hochr.) M. Hanes, G.E. Schatz & Callm. in Candollea 75: 196. 2020 [nom. illeg., non Salisb. 1796].

Holotypus: MADAGASCAR. Reg. Atsimo-Atsinana [Prov. Fianarantsoa]: Vondrozo, [22°49'S 47°19'E], 11.IX.1926, fl., Decary 5257 (P [P00037126]!; iso-: G [G00014442]!, P [P00365083, P00037127]!, TEF).

Etymology. – The specific epithet honors Bénédict Pierre Georges Hochreutiner (1873–1959), who described the genus *Macrostelia*, now considered as a synonym of *Hibiscus* (HOCHREUTINER, 1952). Hochreutiner was a Swiss botanist and theologian, director of the Conservatoire et Jardin botaniques in Geneva from 1931 to 1943. He described more than 550 taxa and made some 150 new combinations within 60 plant families, but mainly in the *Malvaceae*, which he treated for the *Flore de Madagascar et des Comores* (HOCHREUTINER, 1955).

Notes. – In his *Prodromus stirpium*, SALISBURY (1796) provided his own specific epithet (*nomen triviale* in Linnaeus' vocabulary) for many species that had already been named by Linnaeus or other previous botanists, thus creating hundreds of superfluous and illegitimate names. Salisbury renamed *Hibiscus surattensis* L. as *H. involucratus* Salisb., which is clearly superfluous and illegitimate under ICN Art. 52.1 and 52.2 (TURLAND et al., 2018), but nevertheless validly published, and thus blocks the epithet *involucratus* in *Hibiscus*.

Acknowledgments

The authors thanks Helen Hartley and Rafael Govaerts (K), Pete Phillipson (MO) and Lorenzo Ramella (G) for advice and discussions about this nomenclatural issue.

References

- HANES, M.M., G.E. SCHATZ & M.W. CALLMANDER (2020). Transfer of the Malagasy genera *Humbertianthus* and *Macrostelia* to *Hibiscus* (Malvaceae) with description of four new species. *Candollea* 75: 193–202.
- HOCHREUTINER, B.P.G. (1952). *Macrostelia*, un nouveau genre extraordinaire de Malvacées de Madagascar. *Not. Syst. (Paris)* 14: 229–234.
- HOCHREUTINER, B.P.G. (1955). Malvacées. In: HUMBERT, H. (ed.), *Fl. Madagascar Comores* 129.
- SALISBURY, R.A. (1796). *Prodromus stirpium in horto ad Chapel Allerton vigentium*. London.
- TURLAND, N.J., J.H. WIERSEMA, F.R. BARRIE, W. GREUTER, D.L. HAWKSWORTH, P.S. HERENDEEN, S. KNAPP, W.-H. KUSBER, D.-Z. LI, K. MARHOLD, T.W. MAY, J. MCNEILL, A.M. MONRO, J. PRADO, M.J. PRICE & G.F. SMITH (2018). International Code of Nomenclature for algae, fungi, and plants (Shenzhen Code) adopted by the Nineteenth International Botanical Congress Shenzhen, China, July 2017. *Regnum Veg.* 159.