



## Correspondence

### Transfer of the Brazilian species *Calathea dorothyae* to the genus *Goepertia* (Marantaceae)

JOÃO MARCELO ALVARENGA BRAGA

Instituto de Pesquisas Jardim Botânico do Rio de Janeiro. Rua Pacheco Leão, 915. 22460-030. Rio de Janeiro, RJ, Brazil.

E-mail: jmabraga@jbrj.gov.br

#### Abstract

The genus *Goepertia* has recently been redefined morphologically and now incorporates most species previously described as *Calathea*. Most species have already been transferred, but *Calathea dorothyae* was more recently described and is hereby transferred to *Goepertia*.

#### Introduction

Based on molecular phylogeny, Borchsenius *et al.* (2012) proposed a new delimitation for *Calathea* Meyer (1818: 6), transferring most of its species to *Goepertia* Ness (1831: 337). As a result, this work resurrected and redefined *Goepertia*, which now includes all of Schumann's (1902) subgenera, except the subgenus *Calathea* that remains to be treated as the genus *Calathea*.

Braga & Kennedy (2012) recently described *Calathea dorothyae*, a species which presents diagnostic characters common to *Goepertia*, such as simple inflorescences and straight corolla lobes. Based on this evidence, the transfer of *C. dorothyae* to the genus *Goepertia* is herein proposed. This species is only known in an area of unflooded forest and sandy coastal plains known as Restinga de Jacarepiá, which is located within the Costa do Sol State Park, Rio de Janeiro State, southeastern Brazil. Illustrations and taxonomy are found in Braga & Kennedy (2012).

#### Taxonomy

##### *Goepertia dorothyae* (J.M.A.Braga & H.Kenn.) J.M.A.Braga, *comb. nov.*

Basionym:—*Calathea dorothyae* Braga & Kennedy (2012: 36).

Type:—BRAZIL. Rio de Janeiro: Saquarema, Área de Proteção Ambiental de Massambaba, Reserva Ecológica de Jacarepiá, Ipitangas, 6 January 2002, *J. M. A. Braga 7093* (holotype RB!, isotypes K!, NY!, R!).

#### References

- Borchsenius, F., Suárez, L.S.S. & Prince, M.L. (2012) Molecular phylogeny and redefined generic limits of *Calathea* (Marantaceae). *Systematic Botany* 37: 620–635.
- Braga, J.M.A. & Kennedy, H. (2012) *Calathea dorothyae* sp. nov. (Marantaceae) from the sandy coastal plains of southeastern Brazil. *Nordic Journal of Botany* 30: 36–39.
- Meyer, G.F.W. (1818) *Primitiae florum Essequibonensis*. H. Dieterich, Göttingen, 316 pp.
- Nees von Esenbeck, C.G.D. (1831) Über die Gattungen *Maranta* und *Thalia*. *Linnaea* 6: 303–431.
- Schumann, K. (1902) Marantaceae. In: A. Engler (ed.) *Das Pflanzenreich* 4(48). Engelmann, Leipzig, pp. 1–184.