



Replacement names and synonyms in *Miconia* (Melastomataceae: Miconieae)

FABIÁN A. MICHELANGELI¹ & RENATO GOLDENBERG²

¹Institute of Systematic Botany, The New York Botanical Garden, Bronx, NY, USA. E-mail: fabian@nybg.org

²Departamento de Botânica, Universidade Federal do Paraná, Curitiba, Paraná, Brazil.

Abstract

The name *Miconia grandifolia* Ule is a later homonym of *M. grandifolia* D. Don. We replace *Miconia grandifolia* Ule with *Miconia grandifoliata*. *Miconia anderssonii* Wurdack is another name that must be considered as previously occupied, even if the previous name, *Miconia andersonii* Fawc. & Rendle, has an epithet with only a slightly different spelling. We propose *M. lennartanderssonii* as its replacement. *Miconia corazonica* Gilli is a later homonym of *Miconia corazonica* Wurdack, but since we consider the first species to be a heterotypic synonym of *Miconia asclepiadea*, a new name is not required. The monotypic genus *Icaria* has been considered a synonym of *Miconia* for a long while, but the necessary combination of *Icaria fictilis* as *Miconia fictilis* had not been published, a problem also resolved here. We also provide lectotypifications for *Miconia grandifoliata* and *Miconia asclepiadea*.

Key words: Nomenclature, Antilles, Ecuador, Peru, Brazil, homonyms, synonyms

Introduction

Miconia Ruiz & Pavon (1794: 60) is a genus of over 1000 species with their native distribution restricted to the Neotropics (Goldenberg 2000, Goldenberg *et al.* 2008). The genus was last monographed over 120 years ago (Cogniaux 1891) when only about half the currently known species had been described. Additionally, the distinction between *Miconia* and other genera in the tribe Miconieae has been confusing at best, and often arbitrary (Triana 1871, Macbride 1941, Judd 1987, 1989, Judd & Skee 1991), leading to several species being inconsistently placed in different genera in the tribe. All of this has made it difficult to assess the exact number of species in the genus (and the tribe) and in many cases to assign correct names to species.

During the course of the preparation of a complete species checklist for the tribe Miconieae, which is part of a complete nomenclator for the Melastomataceae and the Planetary Biological Inventory Miconieae project, several taxonomic and nomenclatural problems have been resolved (Goldenberg & Martin 2008, Goldenberg *et al.* 2010, Renner & Goldenberg 2011), but we recently encountered three additional names of *Miconia* that need replacement names, and a new synonym.

Taxonomy and Nomenclature

Miconia grandifoliata R. Goldenb. & Michelang., *nom. nov.*

Replaced name:—*Miconia grandifolia* Ule (1915: 359). Type:—PERU. Loreto: Leticia, June 1902, *E. Ule* 6207 (holotype B⁺, lectotype K!, **here designated** [K000536479]; isolectotype HBG), non *Miconia grandifolia* D. Don in Loudon (1830: 174).

Miconia grandifolia Ule is a later homonym of *Miconia grandifolia* D. Don. *Miconia grandifolia* D. Don was coined without a type (not a requirement at the time) for a plant cultivated at Chelsea Gardens, but originally