

A NEW NAME IN *JUSTICIA* (ACANTHACEAE)

P.L.R. MORAES¹

¹Departamento de Ciências Biológicas, Universidade Estadual de Feira de Santana, Av. Transnordestina s.n., Feira de Santana, Bahia, 44036-900, Brazil. e-mail: pedro.moraes@pq.cnpq.br

ABSTRACT

Justicia parahyba P.L.R.Moraes, is proposed here to replace *J. heterophylla* (Nees) Lindau (1895), which is an illegitimate name as a later homonym of *J. heterophylla* Schltld. & Cham. (1830). The lectotype of the former name is also designated.

During the preparation of a catalogue of species collected in Brazil by Prince Maximilian of Wied-Neuwied (Moraes et al., in prep.), the need for a new name in *Justicia* L. was detected. Nees (1847a), in his treatment of Acanthaceae for Martius' Flora Brasiliensis, described *Leptostachya heterophylla* Nees based on specimens collected by Friedrich Sellow and Ludwig Riedel in Rio de Janeiro State, Brazil. Later, Lindau (1895) transferred the species to *Justicia*, but inadvertently it was a later homonym of *Justicia heterophylla* Schltld. & Cham. (1830). Subsequently, Rizzini (1949) combined *L. heterophylla* in *Pupilla* Rizzini, which was considered more recently by Ezcurra (2002) as a synonym of *Justicia*. For the correct placement of this specific name in *Justicia*, a new name is required, as follows:

***Justicia parahyba* P.L.R.Moraes, nom. nov.**

Basionym: *Leptostachya heterophylla* Nees, Fl. Bras. 9: 150. 1847; *idem* in DC., Prodr. 11: 377. 1847. *Dianthera heterophylla* (Nees) Benth., Gen. Pl. 2(2): 1114. 1876. *Justicia heterophylla* (Nees) Lindau in Engler & Prantl, Naturl. Pflanzenfam. 4(3b): 350. 1895, *nom. illeg.*, non *Justicia heterophylla* Schltld. & Cham., Linnaea 5: 95. 1830. *Pupilla heterophylla* (Nees) Rizzini, Arch. Jard. Bot. Rio de Janeiro 9: 57, 66 t. II. 1949. Lectotype (chosen from the syntypes,

here designated): BRAZIL. Rio de Janeiro. Macaé: "in silvis umbrosis", May & Jun, *Riedel* 798 (LE).

ETYMOLOGY. In the protologue, Nees (1847a) indicated "prope Macahé et Parahyba, Majo et Junio: Sellow, Riedel", hence the specific epithet refers to the river "Parahyba" [Paraíba], used as a noun apposition, like employed by Velloso in *Cassia parahyba* Vell., Fl. Flumin. Icon. 4: t. 71. 1831 [1827].

SPECIMENS: BRAZIL. Rio de Janeiro. Cabo Frio, Sep 1815, *Wied s.n.* (*Menke* nr. 25) (BR 6583583, BR); s.l., s.d., *Wied s.n.* (Herbarium Wied nr. 88); Rio de Janeiro. Rio Paraíba, Sep-Oct 1815, *Sellow* 1425 482 (B† – F neg. 8832, holotype, var. *obtusata*); Rio de Janeiro. Rio Paraíba, Sep-Oct 1815, *Sellow* 1425 (B†, syntype, var. *acutior*); Espírito Santo. Cachoeiro de Itapemirim: Fazenda Santo Antonio, Pedra Branca, 31 Aug 1948, *Brade* 19376 (MO 1585982, RB 64037, RFA, US).

DISTRIBUTION: So far only known from few collections in Rio de Janeiro and Espírito Santo States in Brazil.

COMMENTS: In de Candolle's Prodrômus, Nees (1847b) indicated more precisely the specimens he had analysed: "Parayba in Brasiliâ (*Sellow* ! in h. reg. berol. n. 130

[1425], in silvis umbrosis Macahé Brasiliæ, Maio et Junio (Riedel ! in h. acad. petrop. n. 798)” for variety α . *acutior* and “Parayba in Brasiliâ (Sellow ! in h. reg. berol. n. 202 [1425, 482])” for variety β . *obtusa*. He also cited the specimen *A. Mathews 1598* (K 000529471) collected in Cassapi, Peru, which is *Justicia tarapotensis* Lindau. The specimen collected by Riedel has been chosen as the lectotype because it is the only original material still extant.

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