

A NEW SPECIES OF DOODIA R.BR. (BLECHNACEAE: FILICALES) FROM NEW GUINEA

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SUMMARY

Doodia scaberula is described from eastern New Guinea and is there endemic.

Doodia scaberula Parris, sp. nov. — Fig. 1.

Typus. *L. J. Brass 22701*: Papua, Milne Bay district, N slopes Mt. Dayman, Maneau Range: 2230 m alt., 1–6–1953. Clumps of numerous harsh leaves up to about 60 cm long. Uncommon. Terrestrial in mossy forest. (L).

D. mediae R. Br. affinis sed stipitibus rhachidibusque sine pilis; a *D. aspera* pinnis inferioribus per costam affixus differt. Rhizoma erecta vel ascendens, interdum ramosa; paleae atrae, lanceolato-lineares, acuminatae, 3–5 mm longae. Frondes fertiles sterilesque similes. Stipes, rhachis et costa paleis sparsis atris praeditis quae exutae, basin versus stipitem tuberculatae minutae remnentes. Stipes ater ad fuscus, 6–21 cm longus; paleae 1–3 mm longae. Lamina anguste elliptica, elliptico-linearis, ad oblanceolato-linearis, 12–44 × 3.5–13 cm, pinnata, textura aspera et fragilis. Rhachis in parte inferiori fusca, in parte superiori pallide brunnea; paleae atrae, 0.5–2 mm longae. Pinnae inferiores petiolis brevissimis, petiolus 1 mm longus vel minor, pinnae mediae et superiores decurrentes, transitio inter modos duos abrupta, inter 1–3 pares pinnarum. Pinnae longissimae plusminusve in medio frondis, 1.6–7.2 cm × 6–12 mm. Pinnae valde reductae in parte inferiori frondis, par pinnarum infimus interdum longior quam parem proxime super; apex pinnarum obtusus vel acutus; pinnae (14–)20–30(–40)-paribus. Pinna terminalis 2.5–3 cm longa (longitudine 1/6–1/10 frondis totae). Distantia inter medium pinnarum mediarum 1–5 mm. Costa pinnae cum paleis similibus paleis rhachidis. Sori in serie una completa, interdum in serie secunda plusminusve completa frondibus maioribus, sed in fragmentis vel nulli frondibus parvioribus. Indusium 0.5–1 mm longo.

NEW GUINEA. East. Chimbu Dist.: Womatne, c. 2200 m, 14–9–1971, *Sterly 139* (L). — Milne Bay Dist.: Maneau Range, Mt. Dayman, 2000 m, 27–5–1953, *Brass 22581* (L); Raba Raba subdist., Mt. Suckling, Mayu 2, 1745 m, 18–6–1972, *Stevens & Veldkamp LAE 54126* (L).

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Figure 1. Holotype of *Doodia scaberula*.