

Notes on African plants

VARIOUS AUTHORS

ANNONACEAE

UVARIA GRACILIPES, A NEW SOUTHERN AFRICAN RECORD

During routine curation of material in the C.E. Moss Herbarium, it was noticed that *Hemm 434* did not match material of *Uvaria caffra* E. Mey. ex Sond. or *Uvaria lucida* Benth. subsp. *virens* (N.E. Br.) Verdc. A name for the anomalous specimen was sought in *Flora Zambesiaca* (Robson 1960), where it was easily keyed to *Uvaria gracilipes* N.K.B. Robson, a species reported at the time only from the districts of Ndanga in Zimbabwe and Inhambane in Mozambique. The identification was confirmed at PRE. Two other collections from the Transvaal and the duplicate of *Hemm 434*, all housed at PRE, are also *Uvaria gracilipes*. *Brynard & Pienaar 4317* (one of the Transvaal specimens) was matched with the holotype *Phelps 207*, at Kew, and the identification was thus confirmed. The species is not listed by Germishuizen in Gibbs Russell's *List of species of southern African plants* (1987) nor its updates, and must therefore be considered a new record for southern Africa.

Since Robson's (1960) treatment of *Uvaria gracilipes*, four more specimens have been accessioned into the herbarium at Kew. Three are from the Nuanetsi District in Zimbabwe and the fourth is from Mabalane in the Gaza Province of Mozambique. These collections extend the distributional range of the species to that shown in Figure 1.

Key to the southern African species of *Uvaria* L., adapted from Robson (1960)

- 1a Calyx cupular in bud, splitting into 3 lobes at anthesis or remaining scarcely lobed; prolongation of anther connective thin or tapering *U. lucida* subsp. *virens*
- 1b Calyx with distinct lobes in the bud, separating into regular sepals at anthesis, sepals free to the base; prolongation of anther connective broadened and truncate:
 - 2a Leaves attenuate at the base; petiole (2–)3–6 mm long; flowering pedicels about 10–20 mm long, stout, thickened above, densely pubescent *U. caffra*
 - 2b Leaves cuneate to rounded at the base; petiole 1–3 mm long; flowering pedicels about 22–30 mm long, slender, not thickened upwards, sparsely pubescent ... *U. gracilipes*

***Uvaria gracilipes* N.K.B. Robson** in *Boletim da Sociedade Broteriana*, ser. 2a, 32: 152 (1958); Robson: III (1960). Type: Zimbabwe, Ndanga District, on bank of Lundi River, *Phelps 207* (K!, holo.).

VOUCHER SPECIMENS

ZIMBABWE.—2131 (Triangle): Nuanetsi District, Gona-Re-Zhou, near tributary of Guluene River, north-east of Malugwe Pan, *Mavi s.n.*

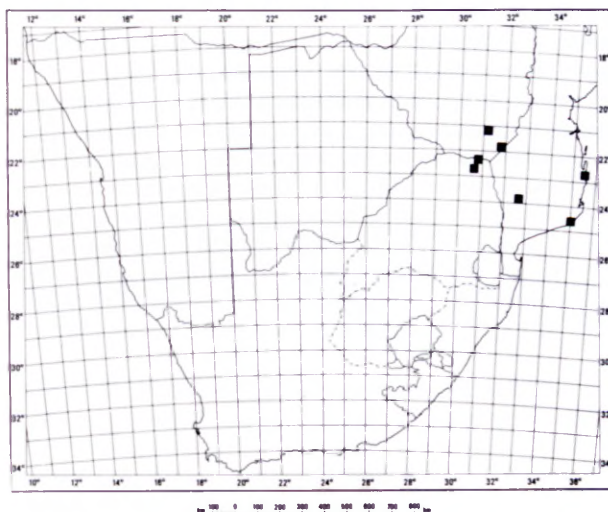


FIGURE 1.—Distribution of *Uvaria gracilipes* N.K.B. Robson as represented in J, K and PRE.

(K); Nuanetsi District, on Claredon Cliffs, *Miller 652* (K); Nuanetsi District, Lundi River, Fishans, *Drummond 7703* (K); Ndanga District, on bank of Lundi River, *Phelps 207* (K, holo.).

MOZAMBIQUE.—2332 (Massingire): Gaza de Mabalane para Mapai (Pela estrada velha) 10 km depois de Mabalane, *Grandvaux Barbosa & De Lemos 8507* (K). 2435 (Inharrime): Ponta Zavora, *Grandvaux Barbosa & De Lemos 8623* (K).

TRANSVAAL.—2230 (Messina): Venda, Mutale (–BD). *Hemm 434* (J, PRE); Venda, Klein Tshipise (–DA), *Van Rooyen 3424* (PRE); Kruger National Park, Shingedzene, *Brynard & Pienaar 4317* (K, PRE).

REFERENCES

GERMISHUIZEN, G. 1987. Annonaceae. In G.E. Gibbs Russell *et al.*, *List of species of southern African plants*, 2nd edn, part 2. *Memoirs of the Botanical Survey of South Africa* No. 56.

ROBSON, N.K.B. 1958. New and little known species from the *Flora Zambesiaca* area VI. *Boletim da Sociedade Broteriana*, ser. 2a, 32: 151–173.

ROBSON, N.K.B. 1960. Annonaceae. In A.W. Exell & H. Wild, *Flora Zambesiaca* 1,1: 104–149. Crown Agents for Overseas Governments and Administrations, London.

K. BALKWILL* and A. NICHOLAS**

* C.E. Moss Herbarium, Department of Botany, University of the Witwatersrand, P.O. Wits., 2050 South Africa.

** SALO, National Botanical Institute. Present address: The Herbarium, Royal Botanic Gardens, Kew, Richmond, Surrey, TW9 3AE England.

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