

41. NOTE ON *FIMBRISTYLIS MICROCARYA* F.V. MUELL. (CYPERACEAE), A NEW DISTRIBUTIONAL RECORD TO SOUTH INDIA

(With one text-figure)

During a floristic survey of the aquatic angiosperm diversity of Andhra Pradesh, some rare and interesting specimens of *Fimbristylis* Vahl were collected. The present report describes a rare and interesting taxon, which is identified as *Fimbristylis microcarya* F.v. Muell. The species has not been recorded from south India. Hence, it is reported as a new record. The voucher specimens were prepared according to Santapau (1955), and Jain and Rao (1977) and deposited in SKU herbarium, Sri Krishnadevaraya University, Anantapur.

Remarks: Along the margins of lakes, streams, in waterholes and moist places.

Fl. & Fr.: August-October.

Distribution: WORLD: Australia, South and southeast Asia.

INDIA: Maharashtra, Sikkim, Uttar Pradesh and Andhra Pradesh.

Specimen studied: Gandhipet (Hyderabad), KI and NVN-18766; Nirmal (Adilabad), MHR and KI 14472.

Note: Cook (1996) reported 3 stamens in *Fimbristylis microcarya* F.v. Muell., while Koyama (1985) noticed 2-3 stamens in his specimens. However, a single stamen was

The species can be distinguished from the closely allied species *F. complanata* (Retz.) Link by the following characters:

<i>F. complanata</i> (Retz.) Link	<i>F. microcarya</i> F.v. Muell.
Culms 20-90 cm long.	Culms 10-39 cm long.
Spikelets 5-8 mm long, 2 mm wide.	Spikelets very small 2-4 mm long, 1 mm wide.
Glumes 2-3 mm long (excluding the cusp).	Glumes 1 mm long (excluding the cusp).
Style 1-1.2 mm long.	Style 0.5-0.75 mm long.
Nuts 0.7-1 mm long, 0.5-0.7 mm broad.	Nuts 0.5-0.6 mm long, 0.3-0.4 mm broad.
Nuts warty, rarely smooth.	Nuts with minute warts.

observed in our specimens.

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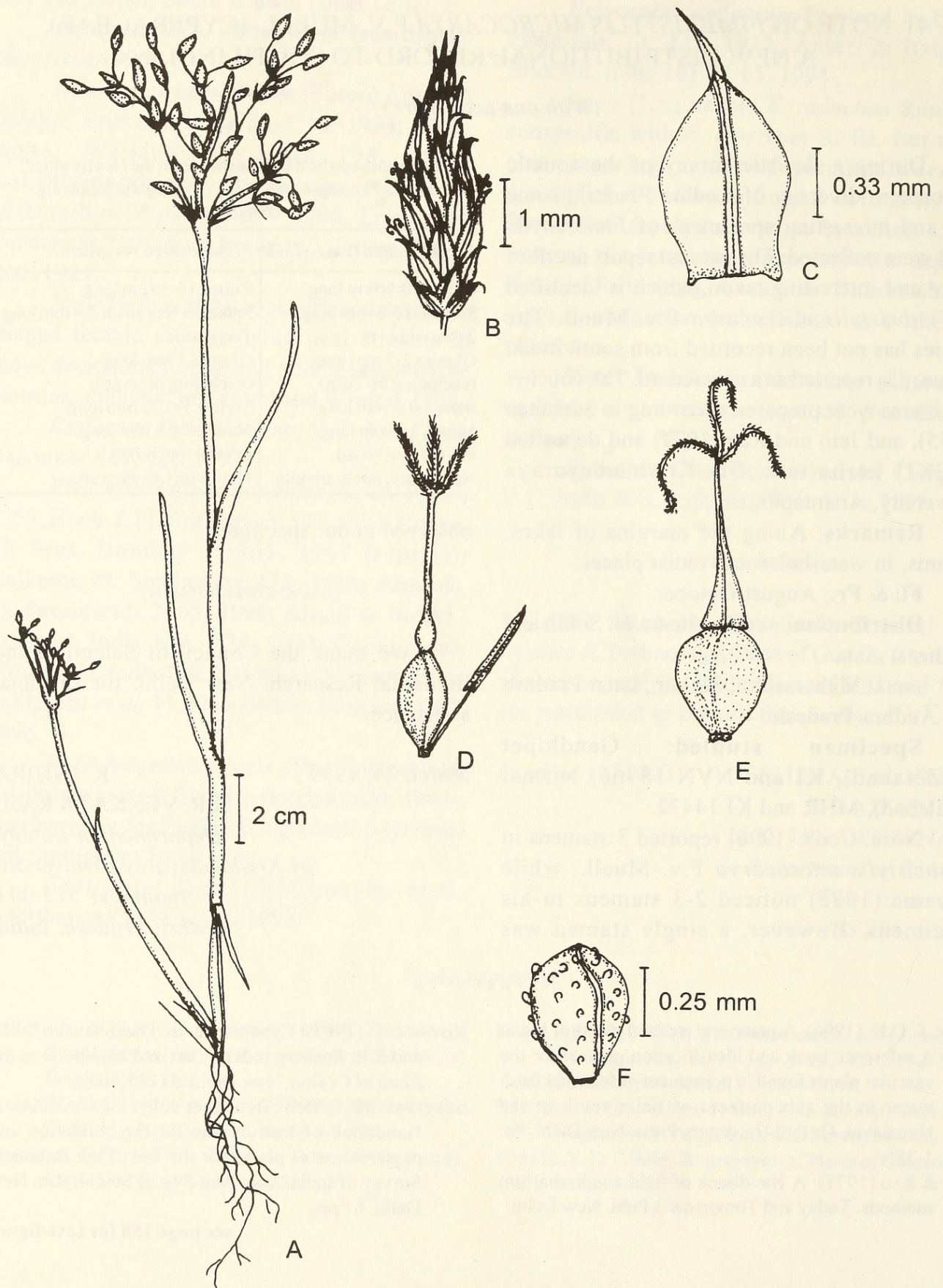


Fig. 1: *Fimbristylis microcarya* F.v. Muell.: A. habit; B. spikelet; C. glume; D. pistil with stamen; E. nut with style; F. nut.



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