



ADDITION OF SEDGES FOR AURANGABAD DISTRICT, MAHARASHTRA, INDIA

Dr. Sudhir N. Solanke*

Shri Muktanand College, Gangapur, Dist. Aurangabad.

Corresponding Author: Dr. Sudhir N. Solanke
Shri Muktanand College, Gangapur, Dist. Aurangabad.

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ABSTRACT

Fimbristylis tomentosa Vahl. new distribution record Aurangabad district, Maharashtra, India are described.

KEYNOTE: Cyperaceae, *Fimbristylis*, New record, Aurangabad.

INTRODUCTION

During field survey many taxa were collected from the study region. Specimens were brought to laboratory and processed for herbarium specimens. A detailed study of these specimens and perusal literature (Clarke, 1893; Cook T., 1908; Fischer, 1928; Kern, 1974; Koyama, 1985; Karthikeyan, 1989; W. Khan, 1998, 2015) discovered this species new distributional records for Aurangabad district, Maharashtra, India.

The specimens are deposited in the Herbarium of Cyperaceae, Department of Botany, Sundarrao Solanke Mahavidyalaya, Majalgaon.

Fimbristylis tomentosa Vahl, Enum. 2:290. 1806; Blake Contr. Queenst. Herb. 8:13. 1969. Kern in Steenis, Fl. Malesiana 1.7(3): 576. 1974. Karthik. et al Fl. Indic. En. Monocots: 55.1989. L'narsimhn in Sharma et al Fl. Maharashtra 2:321.1996; W. Khan in Naik Fl. Marathwada 2:957.1998; Prasad & Singh in sedge. Karnataka (Fam. Cypr.): 214. 2002.

Perennial 25-60 cm tall, rhizome very short; stems angular, 1.5-2.5 mm wide, slender rigid. Leaves; ligulate sheaths hispid or glabrous blades 2.5-3 mm wide, often basal, shorter than the stems, hispid on nerves. Inflorescence: compound, densely hispid, involucre bracts 3-4, the longest one foliaceous, slightly exceeding the umbels; rays 3-5, very unequal with 9-15 spikelets, the longest one 4-6 cm long. Spikelets ovoid, 5.8 x 2-2.5 mm, terete, pale brown, stramineous with brownish tinge, acute; rachilla distinctly winged. Glumes broadly ovate or suborbicular, 2.5-2 mm long, with 3-nerved keel; sides faintly many nerved hyaline on margins, very obtuse at apex, apiculate. Stamens 2; anthers linear ca 1.2 mm long, apiculate. Styles 2- fid, fiat, hairy throughout with conspicuously hyaline margins, much longer than the nuts. Nuts biconvex, suborbicular, 1.3-

1.5 mm long and broad, reticulate with 20-25 vertical, obscure ridges, with ca 0.4 mm long and broad, cupular whitish gynophore, shortly apiculate at apex.

Occasional, around rice-fields, along banks of water courses.

Fls. & Frts.:- September to November.

Specimens examined: - Maharashtra State, Aurangabad District, near Sai takadi, *Solanke S. N.* 1809.

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