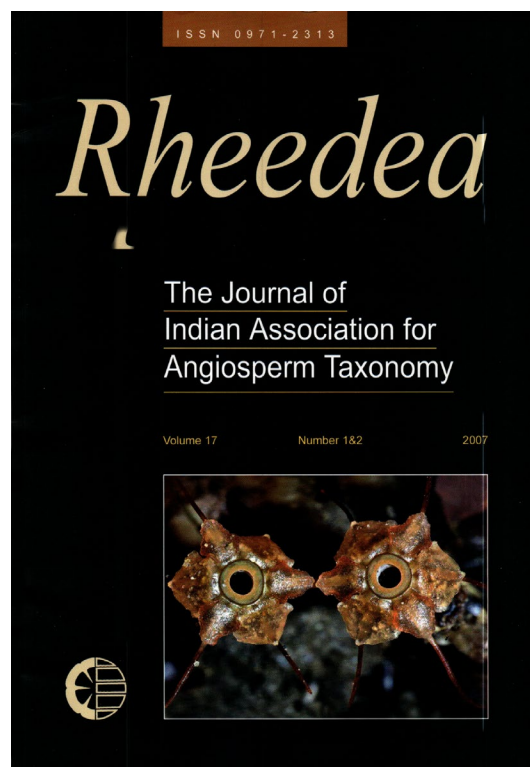




## New Records for Indian States

Ajay Kumar Jha & K.K. Khanna



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## Maharashtra

*Corbichonia decumbens* (Forssk.) Jack ex Excell (Molluginaceae) has so far not been reported from Maharashtra (Cooke, 1958; Singh *et al.*, 2001); so also *Sporobolus spicatus* (Vahl) Kunth (Poaceae) (Cooke, 1958; Sharma *et al.*, 1996; Salunke & Yadav, 1990). They are reported now from Maharashtra.

*Corbichonia decumbens* (Forssk.) Jack ex Excell, J. Bot. 73: 80. 1935; Matthew, Fl. Tam. Carnatic 3: 663.1983; Sivarajan, J. Taiwan Mus. 41(2): 79-93. 1988; Bhandari, Flora of the Indian desert 159. 1990 (Repr. ed.). *Orygia decumbens* Forssk. Fl. Aeg.-Arab. 103. 1775; Clarke in Hook. f. Fl. Brit. India 2: 664. 1879; Gamble, Fl. Pres. Madras 1: 551. 1919; Cooke, Fl. Bombay Pres. 1: 556. 1958 (Repr. ed.).

*Flowering & Fruiting*: June-August.

*Habitat*: Rocky, gravelly soil.

*Distribution*: India (Karnataka, Upper Gangetic Plains, Punjab, Rajasthan and Maharashtra), Tropical Asia and Africa.

*Specimens Examined*: Maharashtra, Pune district, Baramati Tahsil, Bhagat 22375, 22376 (AHMA)

*Sporobolus spicatus* (Vahl) Kunth, Rev. Gram. 1:67. 1829; Hook.f., Fl. Brit.Ind. 7: 250, 1896; Bor, Grass. Bur. Cey. Ind. Pak. 632. 1960; Fischer in Gamble, Fl. Pres. Madras 3: 1258.1967 (Repr.). Matthew, Fl. Tam. Carnatic 3: 1906. 1983; Moulik, Grass. Bam. India 2:481. 1997. *Agrostis spicata* Vahl, Symb. Bot. 1: 9. 1790.

*Flowering & Fruiting*: August-October.

*Habitat*: Annual, along water courses and moist places.

*Distribution*: India (Tamil Nadu, Karnataka, Andhra Pradesh, Maharashtra), Africa, Madagascar and Asia.

*Specimens Examined*: Maharashtra, Baramati (Hol, Wagalwadi), Bhagat 22375, 22376 (AHMA).

*Note*: Often confused with *Sporobolus virginicus* (L.) Kunth but can be distinguished by its lower glume which is much shorter than the lemma.

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Rani Bhagat, V. B. Shimpale<sup>1</sup>, G. G. Potdar<sup>2</sup> and R. B. Deshmukh<sup>3</sup>

Agharkar Research Institute, G. G. Agharkar Road  
Pune 411 004, Maharashtra, India.

<sup>1</sup>The New College, Kolhapur 416 012, Maharashtra, India.

<sup>2</sup>Yashwantrao Chavan College of Science, Karad  
Satara, 415 124, Maharashtra, India.

<sup>3</sup>Shardabai Pawar Mahila College, Shardanagar, Baramati  
413 115, Maharashtra, India.

## Chhattisgarh and Madhya Pradesh

*Senna hirsuta* (L.) Irwin & Barneby (Caesalpiniaceae) was collected in 2004 from Kanger Valley National Park, Bastar district, Chhattisgarh. This is a new record for the old Madhya Pradesh (Singh, 1993; Khanna *et al.*, 2001; Singh, 2001; Khanna *et al.*, 2005).

*Senna hirsuta* (L.) Irwin & Barneby in Phytologia 44(7): 499. 1979 & in Mem. New York Bot. Gard. 35(1): 425, 434. 1982; Singh, Monogr. Indian Subtribe Cassiinae 137. 2001. *Cassia hirsuta* L., Sp. Pl. 378. 1753.

*Flowering & Fruiting*: October - February.

*Habitat*: Open places of mixed forests.

*Distribution*: India (Assam, Arunachal Pradesh, Meghalaya, Nagaland, Manipur, Mizoram, Tripura, West Bengal, Orissa, Andhra Pradesh, Maharashtra (cultivated), Karnataka, Kerala, Tamil Nadu and Andaman & Nicobar Islands), Tropical America (naturalized in Old World tropics).

*Specimen Examined*: Chhattisgarh, Bastar district, Kanger



Valley National Park, way to Tirathgarh Fall from Barrier, Jha 57414 (BSA).

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Ajay Kumar Jha and K.K. Khanna<sup>1</sup>

Dibang Multipurpose Project, National Hydroelectric Power Corporation Ltd., Roing, Lower Dibang Valley, Arunachal Pradesh 792 110, India.

<sup>1</sup>Botanical Survey of India, Central Circle, 10, Chatham Lines, Allahabad, Uttar Pradesh 211 002, India.

E-mail: krishna\_khanna1@rediffmail.com; akjha74@gmail.com

Jammu & Kashmir

*Commelina caroliniana* Walter (Commelinaceae) not recorded from Jammu & Kashmir before (Kachroo *et al.*, 1977; Sharma & Kachroo, 1981; Dhar & Kachroo, 1983; Kaul, 1986; Kapur & Sarin, 1990; Swami & Gupta, 1998; Murti, 2001; Singh *et al.*, 2002) is reported for the first time.

*Commelina caroliniana* Walter, Fl. Carol. 68. 1788; Faden, Taxon 38:43.1989; Ann. Miss. Bot. Gard. 80:208. 1993 & Fl. N. Amer. 22:193. 2000. *Commelina hasskarlii* C. B. Clarke, Commelyn. Cyrtandr. Bengal 13, t. 3. 1874 & in DC., Monogr. Phan. 3:157. 1881; Hook. f., Fl. Brit. India 6:370. 1892.

*Flowering & Fruiting*: July-November.

*Habitat*: Along roadsides, in cultivated fields and marshy places.

*Distribution*: Asia; introduced to the US.

*Specimens Examined*: Jammu & Kashmir, Jammu district, +400 m, Kaul & Koul 3502407 (Department of Botany Herbarium, University of Jammu).

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Veenu Kaul and A. K. Koul  
 Department of Botany, University of Jammu  
 Jammu Tawi 180 006, Jammu & Kashmir, India.  
 E-mail: veenukaul@yahoo.co.in