female strigose. Achene broadly ovoid, beaked.

I recently surveyed the area of Tehri Garhwal and observed this species growing as an undergrowth of *Adhatoda zeylanica* Medic. (Date 28.iii.76, Dhyani 278). Further the distribution of the taxon is not widespread and its migration to the area seems to be recent.

BOTANY DEPARTMENT,
D. A. V. P. V. COLLEGE,
DEHRA DUN,
August 17, 1977.

This species has been collected for the first time from south Garhwal. The plant was reported by M. B. Raizada in 1939 from Dehra Dun (Ind. For. Reco. (n.s.) Bot. 1 : 5, 1939).

I acknowledge my sincere gratidue to Prof. S. D. Sharma.

SHIV KUMAR DHYANI

28. ON THE OCCURRENCE OF *GYMNEMA CUSPIDATUM* (THUNB.) K. SCHUM. (ASCLEPIADACEAE) IN MAHARASHTRA

(*With six text-figures*)

Though Trimen (1895) noted *Gymnema cuspidatum* (Thunb.) K. Schum. as endemic to Sri Lanka, it has been subsequently collected by Woodrow (1898) from Dharwar district and over 60 years later by Santapau (1962) from Jog falls, both from Karnataka. However, except for a specimen from Sri Lanka there are no specimens in any of the Indian herbaria and apparently it is quite rare. During the recent explorations of Bhandara district, Maharashtra State, it has been recollected from Chorkamal forest.

In view of the rarity and absence of any published illustrations for the plant, a drawing of the plant (*see* tex-figures on p. 203) is given along with a brief description.

Gymnema cuspidatum (Thunb.) K. Schum. in Pfam. 4(2): 284, 1895, Sant. in *Univ. Bombay Bot.* Mem. No. 4: 50, 1962. *Gymnema pergylarioides* (Thw.) Wt. & Gard. ex Hook. f. in FBI. 4: 32, 1883, Woodrow in J. Bombay nat. Hist. Soc. 5(12): 167, 1898.

Twining undershrub. Leaves acuminate at the apex rounded at the base. Cymes umbellate, peduncles 1-2 cm. arising from between the petioles. Calyx lobes glandular within, lobes 2.5 × 1.5 cm. Corona of 5 double villous ridges, adnate to the lower half of the corolla tube. Gymnostegium 3-5 mm. Ovary glabrous-follicles 5-7 cm., cylindrical, tapering to a sharp point.

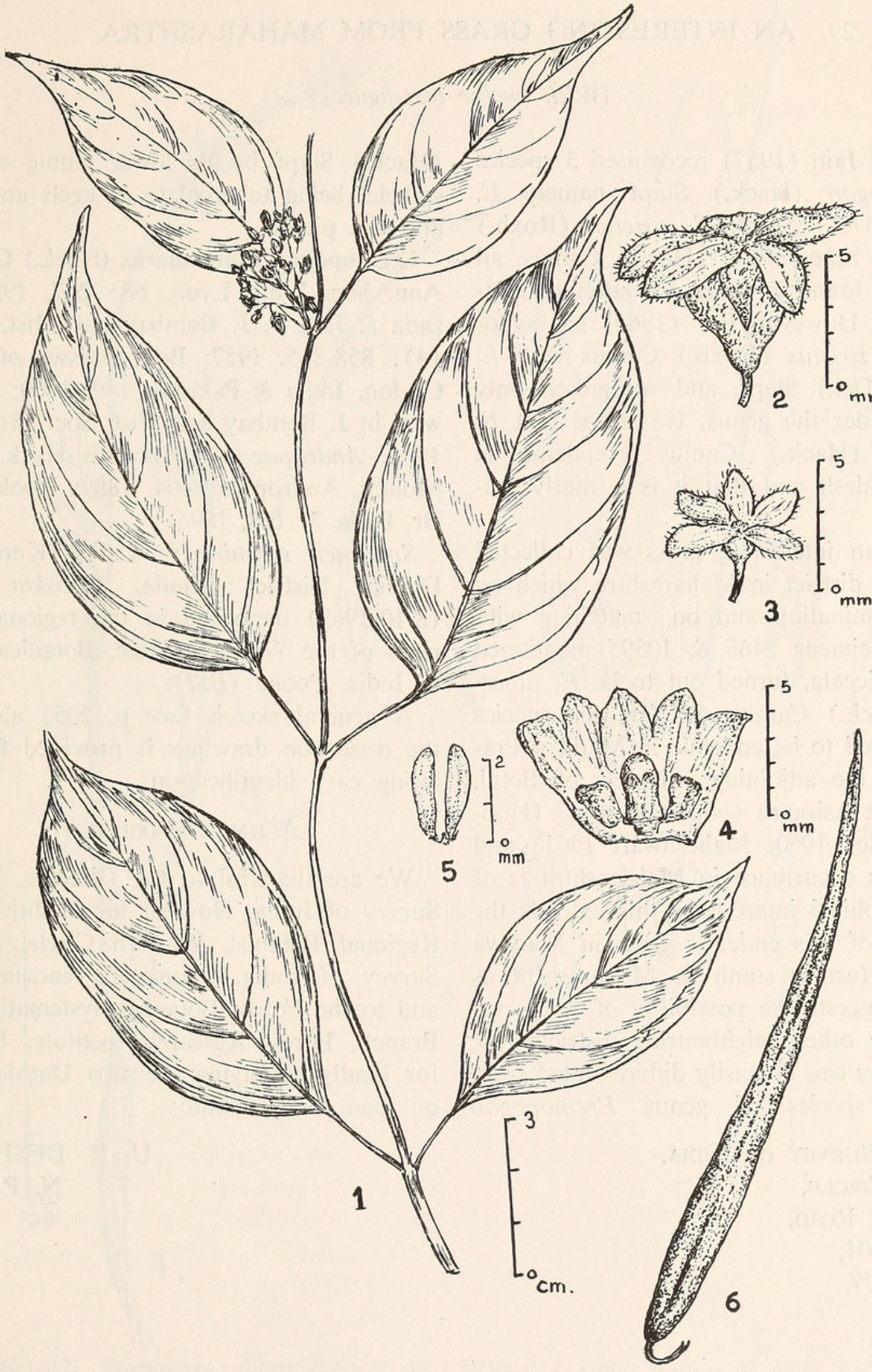
Fl. & *Frt.*: September-October. *Loc.*: Chorkamal forest, *Malhotra* 144660.

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S. K. MALHOTRA
K. MADHUSUDAN RAO
B. G. KULKARNI

BOTANICAL SURVEY OF INDIA,
WESTERN CIRCLE,
POONA-411 001,
August 22, 1977.



Figs. 1-6. *Gymnema cuspidatum* (Thunb.) K. Schum.: 1. Flowering branch; 2. Flower; 3. Calyx; 4. Cross section of corolla; 5. Pollinia; 6. Follicle. (For description *see* p. 202).



Malhotra, S K, Madhusudan, Rao K, and Kulkarni, Balwant Govind. 1979. "The Occurrence of Gymnema cuspidatum Asclepiadaceae in Maharashtra India." *The journal of the Bombay Natural History Society* 76, 202–203.

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