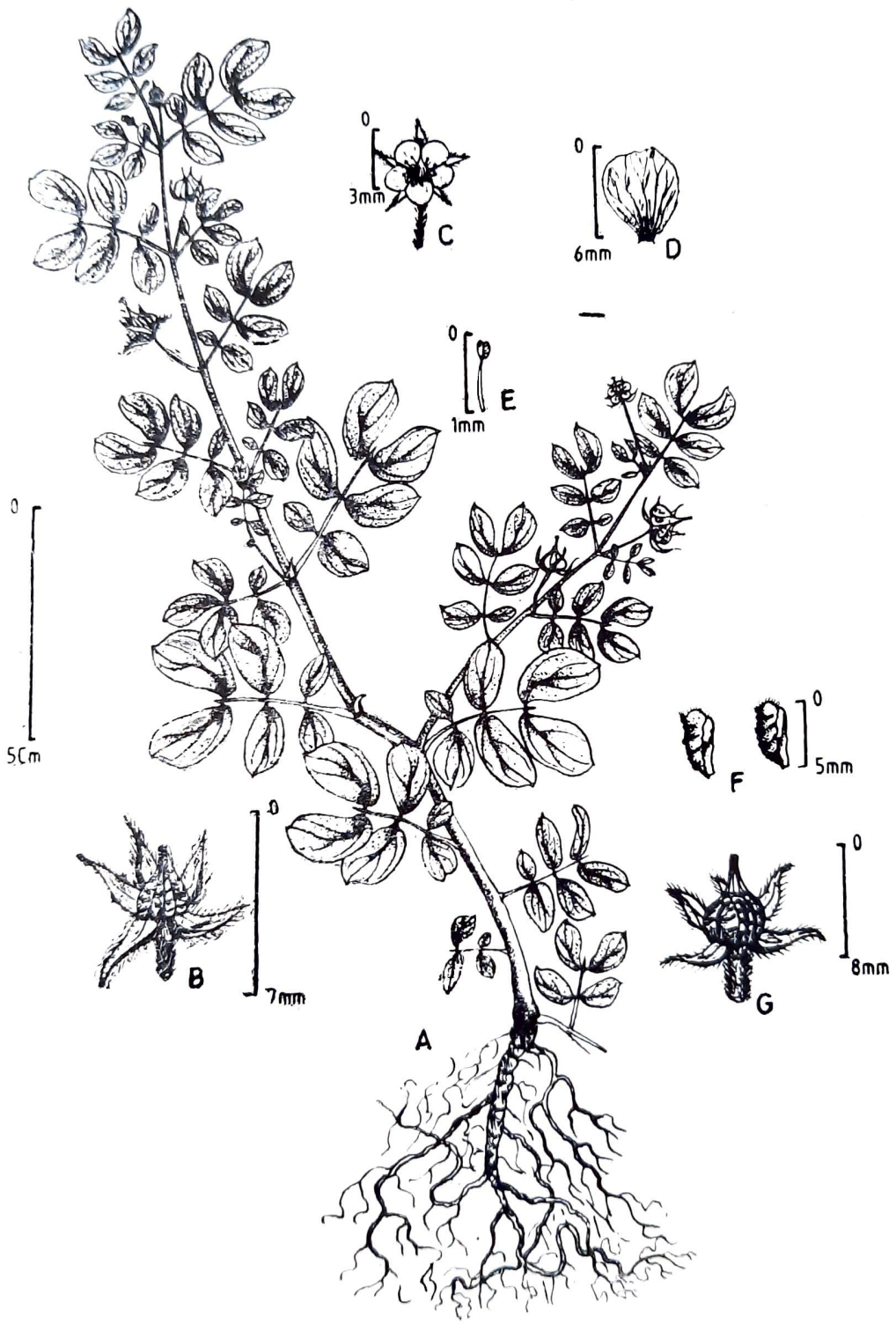
NEW DISTRIBUTIONAL RECORD OF *KALLSTROEMIA PUBESCENS* (G. DON) DANDY FROM UPPER GANGETIC PLAIN

Kallstroemia pubescens (G. Don) Dandy of the family Zygophyllaceae has been collected from Basti District, Uttar Pradesh. It was not reported by earlier workers (Duthie, 1929; Raizada, 1976; Singh, 1979 & Vishwanathan *et al.*, 1984) from the Upper Gantetic Plain. Thus, its occurrence in Basti District which is very close to Nepal territory within the geographical limits—26°30' and 27°30' North latitude, 82°12'



Text-figure 1—*Kallstroemia pubescens* (G. Don) Dandy: **A,** Habit of the plant; **B,** Flower showing sepals and ovary **C,** A flower; **D,** An enlarged petal; **E,** A stamen; **F,** Cocci; and **G.** Fruit.

and 83°50' East longitude, forms a new distributional record from Upper Gangetic Plain.

Kallstroemia Scop. is the largest new world genus of the family Zygophyllaceae consisting of 20 species, distributed in warm arid and tropical areas from the Southern United States to Argentina. It is introduced in West Africa and India. In India it is represented by a single species, *K. pubescens* (G. Don) Dandy, so far known from Howrah and Murshidabad districts in West Bengal (Bennet, 1965; Guha Bakshi, 1984).

The specimens collected have been deposited in the Herbarium, Birbal Sahni Institute of Palaeobotany, Lucknow.

Description—Kallstroemia pubescens (G.Don) Dandy in Kew Bull. 10: 138.1955; Bennet, in Indian For. 91: 282.1965—*Tribulus pubescens* G. Don Gen. Syst. 1: 669.1831.

A deep-rooted, diffusely branched, trailing, pubescent, annual herb, branches fistular slightly swollen at the nodes. Leaves paripinnate leaflets subsessile, obovate subacute, apex, obtuse at the base. Flowers white or yellowish-white, solitary, axillary. Fruits ovoid, beaked, ribbed and tuberculate.

Ecology—Rare, in dry places, chiefly along road-sides and railway tracks commonly associated with *Tribulus terrestris* L., *Argemone mexicana* L., *Sida acuta* Burm. f. and *Tephrosia purpurea* (L.) Pers.

Flowers & Fruits—June-December.

Locality—Chilhiya, Naugarh; D. C. Saini, BSIP 11421, BSIP 114222.

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D. C. SAINI

Birbal Sahni Institute of Palaeobotany, 53 University Road, Lucknow 226 007, India