



**Haritarium**

Family Code: 35

Species code: 7 - 22A

**Naoroji Godrej Centre for Plant Research**

**Ceropegia evansii McCann**

**Botanical name:** *Ceropegia evansii* McCann

**Vernacular name:** -

**Family :** Asclepiadaceae

**Threatened category:** **Vulnerable** ( Nayar & Satry, 1987) **Critically endangered** (Mishra and Singh, 2001, Gaikwad & Yadav, 2004 ).

**Key characters:** Twining herbs, corolla lobes shorter than tube, tube sub-cylindric, 2.5 - 4 cm long, lobes broadly ovate and corona bi-seriate.

**Description:** Tuberous twiners. Stems glabrous, reddish. Leaves thin, ovate to obovate, membranous , sparsely hairy, base rounded. Cymes few to many flowered, peduncles 7.5 cm long, peduncles hispid, green or purplish. Pedicels upto 1 cm long, glabrous. Corolla dull greenish yellow out side, below 0.5 cm long, lobes yellow or pale yellow, margins occasionally tinged with purple, tube 28 mm long, base inflated, narrowed in the middle, expanding upwards, folded on back. Outer corona 5 deltoid bifid hairy lobes, inner erect.

**Flowering and fruiting:** July to October.

**Distribution:** Endemic to Maharashtra – Pune, Ratnagiri, Raigad.

**Reported Localities:** Pune (1- Bhor-Phasure road , 2. Khandala, 3. Lonavala, 4- Rajgad), Ratnagiri (5- Amba Ghat) districts.

**Ecology:** Occasionally present at the hedges of subtropical hill forests and more than 10 years old fallow lands. It generally prefers high rainfall regions. Altitude ranges between 600-1200m.

**Association:** *Carvia callosa*, *Carissa congesta* and *Lantana camara*.



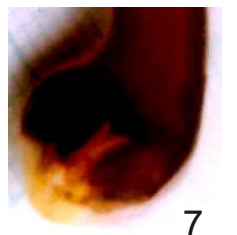
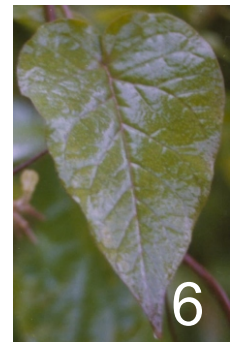
**Haritarium**

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Species code: 7 - 22B

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1.Habit,2.Inflorescence, 3&4. Floral variation 5.Dissected flower, 6.Leaf - ventral view, 7.Corona



**Haritarium**

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Species code: 7 - 22C

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***Ceropegia evansii* McCann**





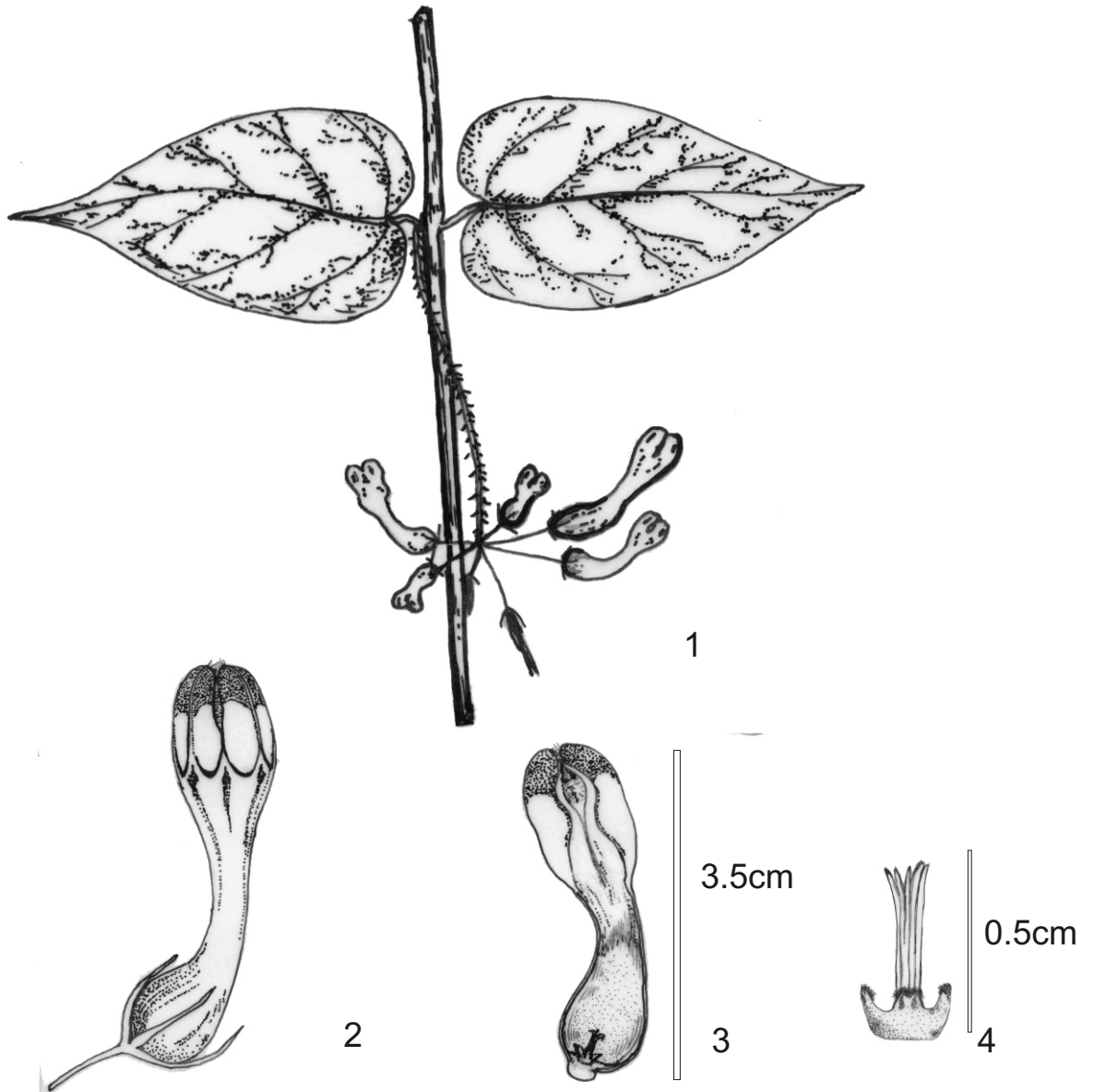
**Haritarium**

Family Code: 35

Species code: 7 - 22D

**Naoroji Godrej Centre for Plant Research**

***Ceropegia evansii* McCann**



1.Habit,2.Flower,3.Dissected flower, 4.Corona



**Haritarium**

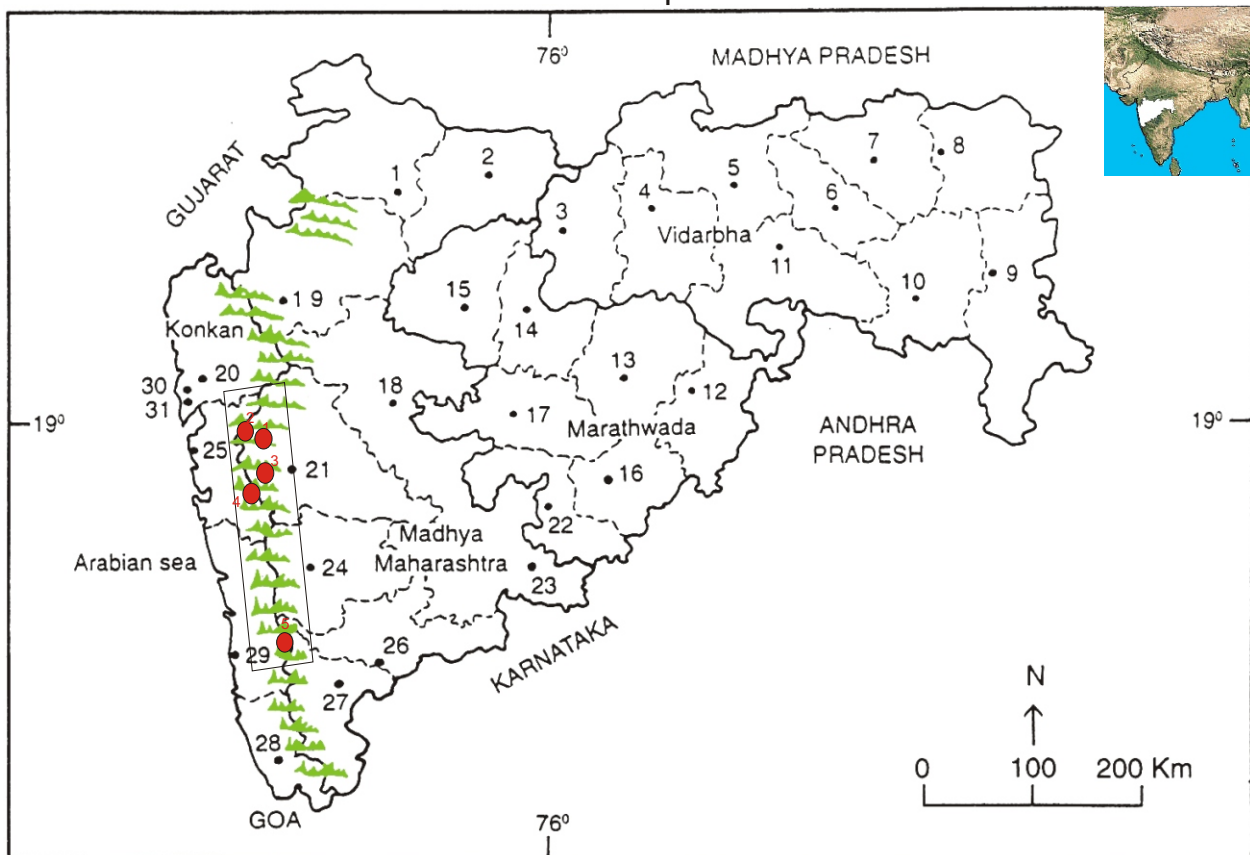
Family Code: 35

Species code: 7 - 22E

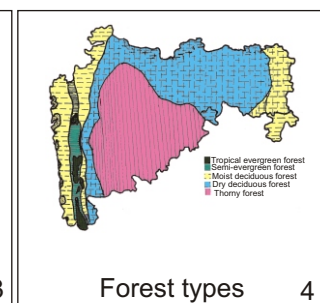
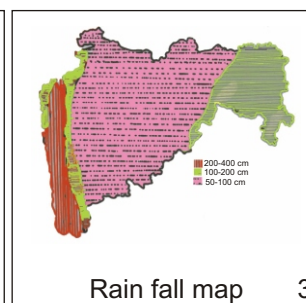
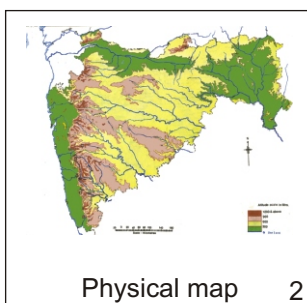
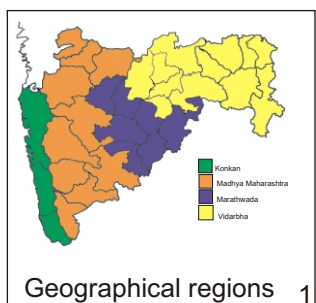
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**Ceropegia evansii McCann**

Location map



1.Dhule 2.Jalgaon 3. Buldhana 4.Akola 5.Amaravati 6.Wardha 7.Nagpur 8. Bhandara 9. Gadchiroli  
 10. Chandrapur 11. Yavatmal 12. Nanded 13. Parbhani 14. Jalna 15. Aurangabad 16.Latur  
 17. Beed 18. Ahmadnagar 19 Nashik 20. Thane 21. Pune 22. Osmanabad 23. Solapur 24.Satara  
 25. Raigad 26. Sangli 27. Kolhapur 28. Sindhudurg 29. Ratnagiri 30.Mumbai 31. Greater Mumbai.



Localities- ●

Pune(1-Khandala, 2-Lonavala, 3-Mulshi, 4- Rajgad), Ratnagiri( 5-Amba Ghat)

Geographical distribution:

Latitude (DMS): Between 17 ° - 18 ° 31' N & Longitude (DMS): 73 ° 0'-73°0.5' E.



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**Ceropegia evansii McCann**

**References:**

- Ahmedullah, M & M.P. Nayar (1987): **Endemic Plants of the Indian Region** B.S.I. Calcutta, vol.1:120.
- Anonymous(1996): **India- Globally Threatened Taxa**, Conservation status listing of Plants, compiled from the WCMC:15.
- Ansari M.Y.(1984): Asclepiadaceae: Genus- *Ceropegia*, **Fasc. Fl. India 16**:9.
- Gaikwad S.P. & S.R. Yadav(2004): in T. Pullaiah (ed.)Endemic flowering plant species of Maharashtra and their possible utilization; **Biodiversity in India**, Regancy publications, New Delhi:43.
- Jagtap, A. P. (1992).Revision of family Asclepiadaceae of India 2 vols. Ph.D.Thesis, Submitted to University of Pune.
- Jagtap, A.P.& N.P.Singh(1998) *J.Econ.Tax. Bot.*,**22**(1):232.
- Jagtap, A.P.& N.P.Singh(1999): Asclepiadaceae., **Fasc. Fl. India 24**: 222.
- McCann C(1945). New species of *Ceropegia* and the synonymy of the Indian species. *J. Bombay nat. Hist. Soc.* 45: 209-211.
- Nayar M.P.& A.R.K. Sastry (1987): **Red Data Book on Indian Plants.**, (eds), B.S.I. Calcutta Vol.1:54.
- Singh, N.P., P. Laxminarasimhan, S. Karthikeyan & P.V. Prasana eds. (2001): **Flora of Maharashtra state**, Dicots Volume II, B.S.I., Calcutta: 350.
- Raghavan, R. S. and N.P. Singh (1983): in S.K. Jain & A.R.K. Sastry (eds.) *Plant. Cons. Bull.*, Vol. **3**: 9.
- Santapau H & N.A. Irani (1958). The genus **Ceropegia** in Bombay, *Bull Bot. Soc. Beng.* 12(1&2)8.
- Santapau H. (1953) : **The Flora of Khandala on the Western Ghats of India**. *Rec. bot. Surv. India* 16(1).
- Santapau, H. & N.A. Irani (1958),The genus *Ceropegia* in Bombay *Bull. Bot. Soc. Bengal* (Agharkar Mem.Vol.) 12 :11.
- Singh, N.P. & R.S.Raghavan (1986). Materials for plant conservation in Western India, *J. Econ. Tax. Bot.*, 8(1):31.
- Tetali, *et al.* (2000): **Endemic Plants of India ( A Status Report of Maharashtra State)**. Naoroji Godrej Centre for Plant Research, Shirwal: 31.
- Tetali P., Sujata Tetali, P. Lakshminarasimhan & P.V. Prasanna (2003): Rediscovery of *Ceropegia evansii* McCann, Asclepiadaceae, from Maharashtra. *J. Bom. Nat. Hist. Soc.* Vol. 100 (1) :162-166.
- Venkata Reddi, B.(1971): The Flora of Sakarpathar and Ambavane region of Poona district, Vol.2: *Bull. Bot. Surv. India* 11: 253.
- Yadav S.R.(1997): Endemic plants of peninsular India with special reference to Maharashtra, in Pokle D.S., S.P. Kanir & V.N. Naik (eds.) **Proceedings, VII IAAT Annual Meet and National Conference**, Aurangabad:41.