



Haritarium

Family Code: 527

Species code: 3 - 5A

Naoroji Godrej Centre for Plant Research

Cryptocoryne cognata Schott

Botanical name: *Cryptocoryne cognata* Schott

Vernacular name: -

Family : Araceae

Threatened category: Indeterminate (Nayar & Sastry, 1990), Critically endangered (Mishra & Singh, 2001), Low risk (Gaikwad & Yadav, 2004)

Key characters: Unisexual flowers, Submerged plants, ovaries in one whorl, Blade of spathe ovate-lanceolate, constricted into a long subulate tail; tube of spathe shorter than the long caudate lamina.

Description: Herbs, root bulbous, with vermiform fibers. Leaves oblong lanceolate, margins undulate, midrib very broad; petioles stout, shorter than or equaling the blade, 15-25 x 2.3 – 3.7 cm, Spathe reaching up to 17.5 cm long, shortly pedunculate; tube of spathe reaching up to 5 cm long. Male inflorescence separated from the female by an interspace of 3 cm.

Flowering and fruiting: July – Oct.

Distribution: Endemic to Maharashtra

Reported Localities: Ratnagiri (Kudavale), Sindhudurg.

Ecology: Occurs in running water, along the banks of undisturbed monsoon streams. More frequent in low altitude regions of Konkan, ranging between 300-600m above sea level.

Association: No specific plant association is observed.



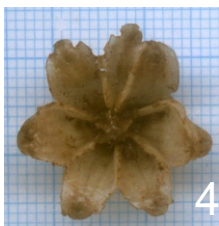
Haritarium

Family Code: 527

Species code: 3 - 5B

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***Cryptocoryne cognata* Schott**



1.Habitat,2.3., & 4.Spadix,5.Dissected spathe 6. Seeds,7. Fruit, 8.& 10.Leaf-dorsal view, 9.& 11. Leaf- ventral view



Haritarium

Family Code: 527

Species code: 3 - 5C

Naoroji Godrej Centre for Plant Research

***Cryptocoryne cognata* Schott**





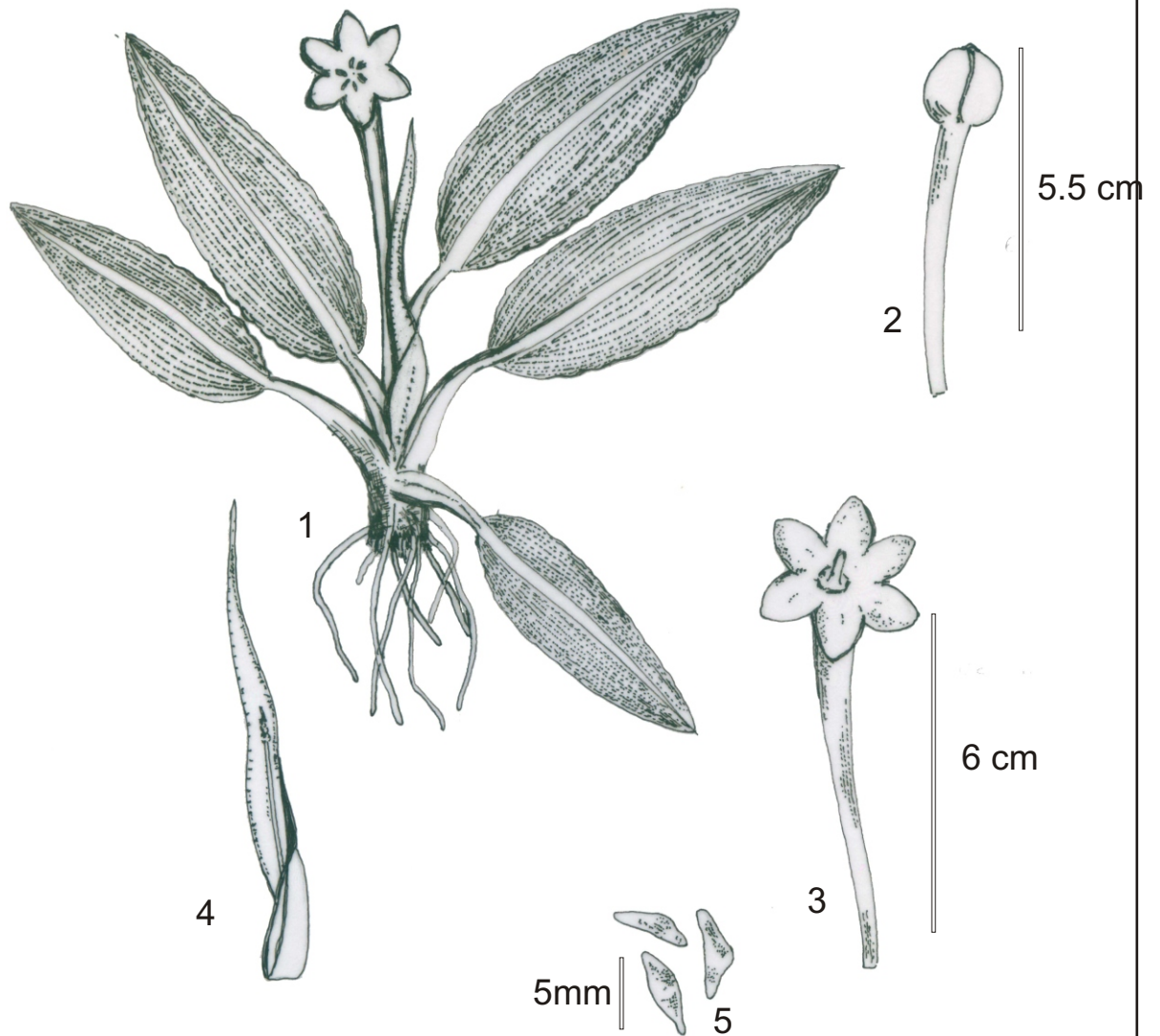
Haritarium

Family Code: 527

Species code: 3 - 5D

Naoroji Godrej Centre for Plant Research

***Cryptocoryne cognata* Schott**



1. Habit, 2. Fruit, 3. Fruiting body, 4. Spathe, 5. Seed.



Haritarium

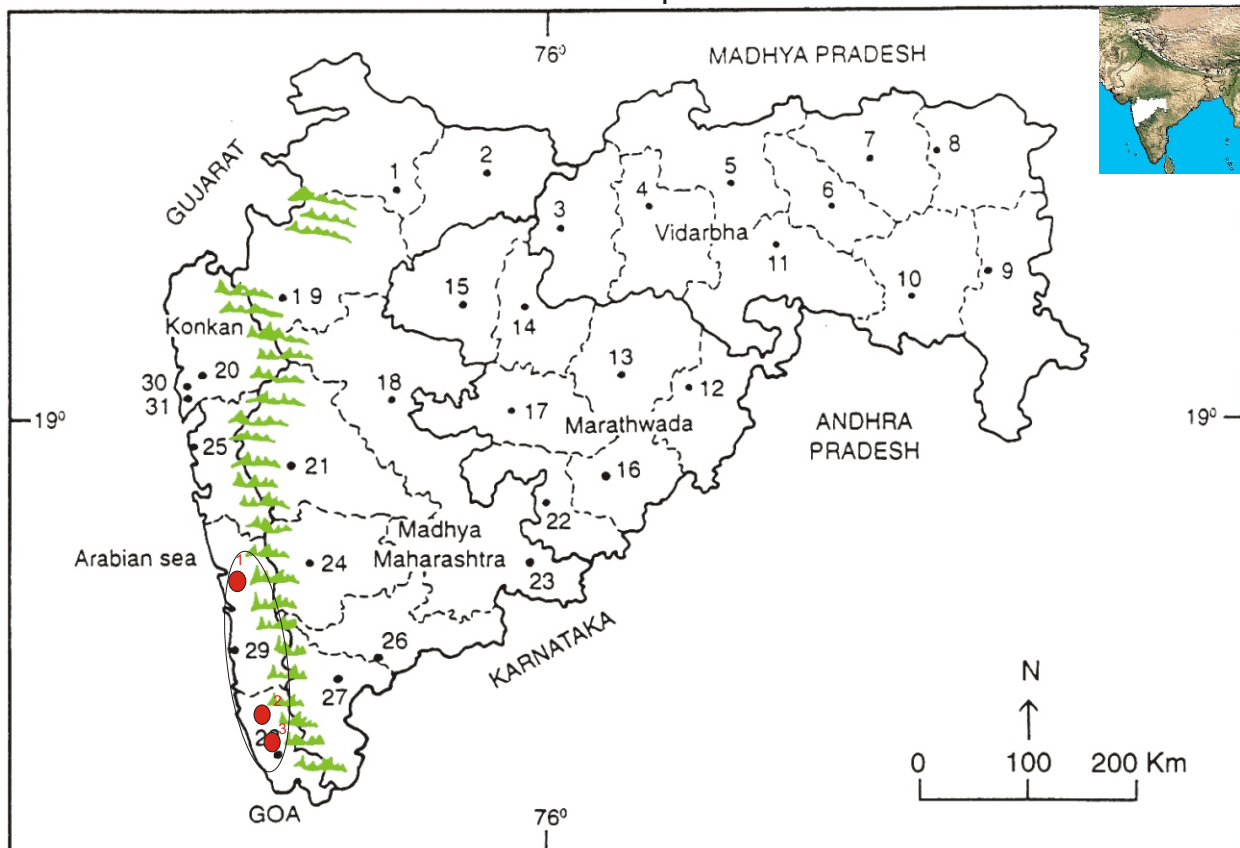
Family Code: 527

Species code: 3 - 5E

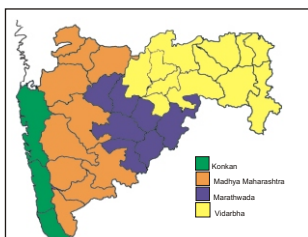
Naoroji Godrej Centre for Plant Research

Cryptocoryne cognata Schott

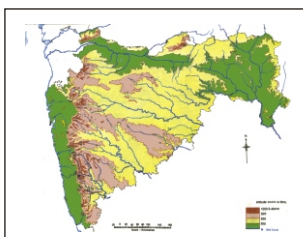
Location map



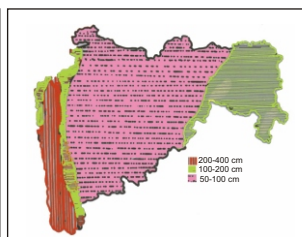
1.Dhule 2.Jalgaon 3.Buldhana 4.Akola 5.Amaravati 6.Wardha 7.Nagpur 8. Bhandara 9. Gadchiroli
10.Chandrapur 11. Yavatmal 12. Nanded 13. Parbhani 14. Jalna 15. Aurangabad 16.Latur
17. Beed 18. Ahmadnagar 19 Nashik 20. Thane 21. Pune 22. Osmanabad 23. Solapur 24.Satara
25.Raigad 26.Sangli 27.Kolhapur 28.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



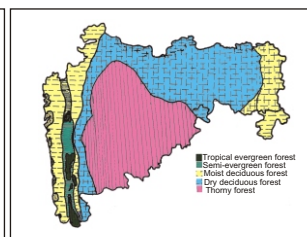
Geographical regions 1



Physical map 2



Rain fall map 3



Forest types 4

Reported Localities- ●

A.Ratnagiri (1-Kudawale), B.Sindhurg (2-Achirne, 3-Ajgaon)

Geographical distribution:

Latitude (DMS): Between 17° 46' - 15° 87' N & Longitude (DMS): 73° 63'E.



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