



Haritarium

Family Code: 570

Species code: 5 - 11A

Naoroji Godrej Centre for Plant Research

Chlorophytum borivillianum Santapau & R.R.Fern.

+Botanical name: *Chlorophytum borivillianum* Santapau & R.R.Fern.

Vernacular name: -

Family : Anthericaceae

Threatened category: Rare (Nayar & Sastri, 1988; Low risk (Mishra & Singh; 2001, Gaikwad & Yadav, 2004)

Key characters: Leaves sessile, Scapes usually unbranched, flowers in alternate clusters, each of which consists of 3 flowers, Floral bracts linear, Seeds various, Ovarian cells 4-6 ovuled, capsule 3 winged.

Description: Tuberous Herbs; tubers fascicled, cylindrical, 1-9 up to 50 x 8 mm, white inside. Leaves radical, linear-lanceolate or ensiform, acute at apex, margins hyaline and wavy up to 8, 12-18 x 1.5 cm. Scape usually solitary, rarely double, 16-30 cm long, bearing flowers in the upper third or half of their length; pedicels 6-10 mm long, jointed, whitish; bracts up to 2 cm long, linear, persistent. Perianth white, with two heteromorphic series; oblong-ovate to narrowly obovate. Anther filaments glabrous. Capsules obcordate, green to yellow 5-6 x 6.8 cm,. Seeds black, up to 3 mm in diameter,

Flowering and fruiting: June - September.

Distribution: India: Endemic to Rajasthan and Maharashtra.

Reported Localities: Akola, Amaravati, Bombay, Kolhapur, Pune, Raigad Santara.

Ecology: In open moist regions along the lower hill slopes. More prominently seen on the Ghats of Bhimashankar. Commercially cultivated in Maharashtra, Madhya Pradesh and Gujarat.

Association: No specific plant association is observed. It is observed growing among small sized herbs such as grasses, aroids and **Chlorophytum tuberosum**.

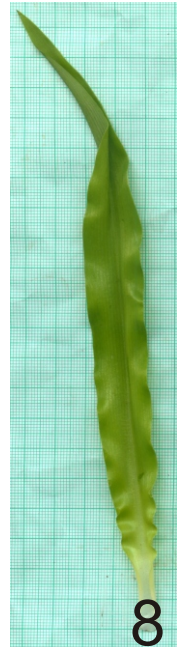
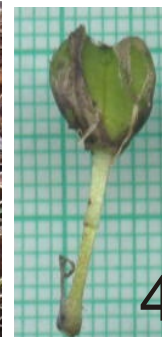
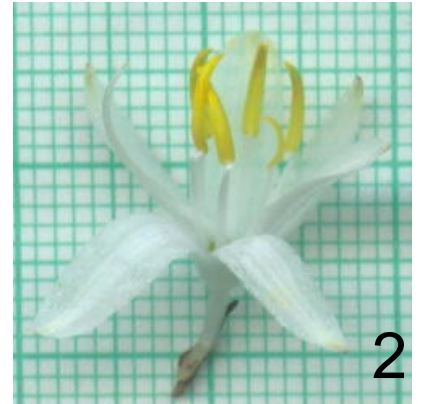


Haritarium

Family Code: 570

Species code: 5 - 11B

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***Chlorophytum borivillianum* Santapau & R.R.Fern.**



1. Habitat, 2. Flower, 3. Inflorescence, 4. Capsule, 5. Tubers, 6. Bud, 7. Leaf- Dorsal view, 8. Leaf- Ventral view



Haritarium

Family Code: 570

Species code: 5 - 11C

Naoroji Godrej Centre for Plant Research
***Chlorophytum borivillianum* Santapau & R.R.Fern.**



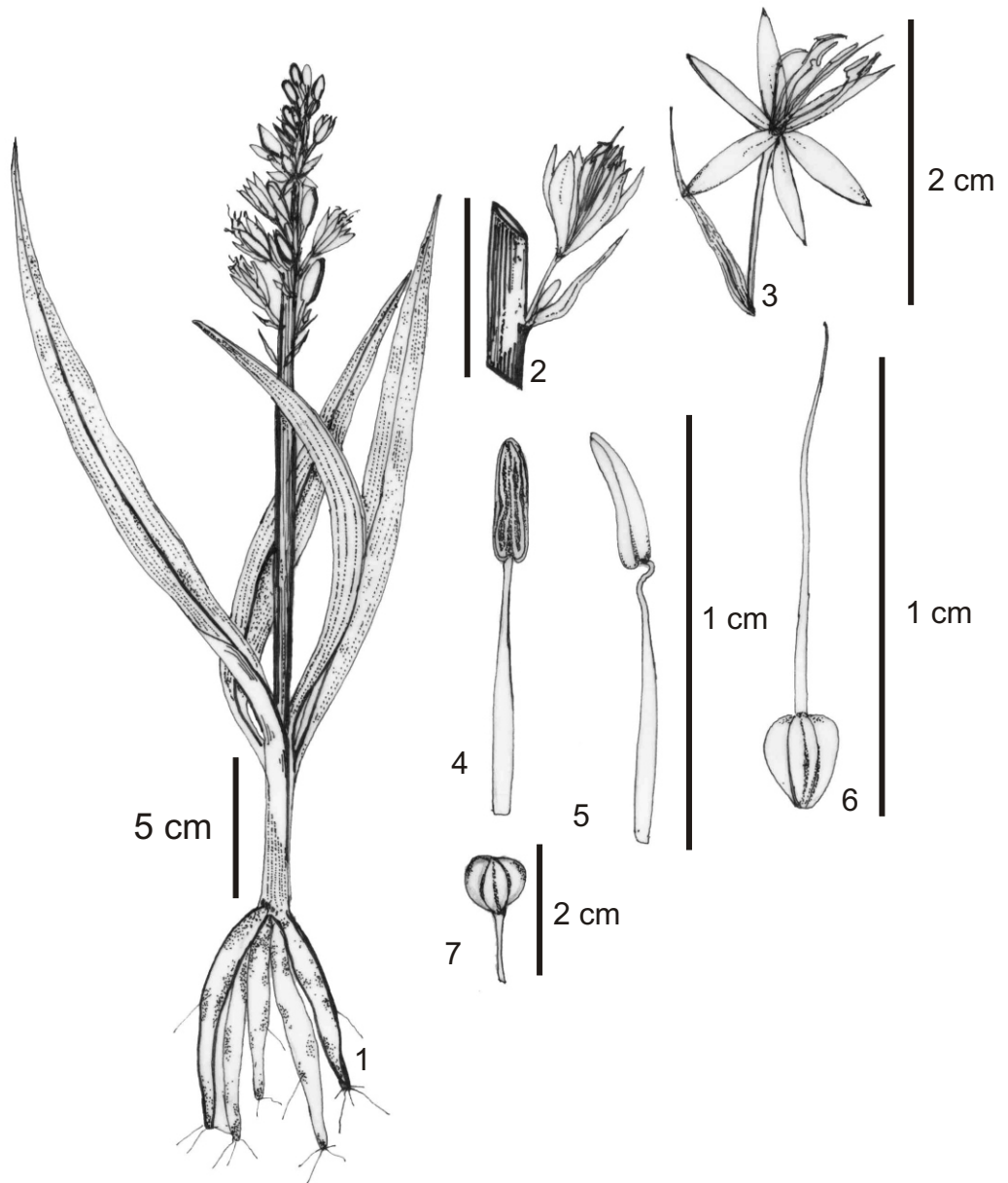


Haritarium

Family Code: 570

Species code: 5 - 11D

Naoroji Godrej Centre for Plant Research
Chlorophytum borivillianum Santapau & R.R.Fern.



1.Habit, 2. Bract, 3.Flower, 4.&5. Anther, 6.Gynoecium, 7. Fruit.



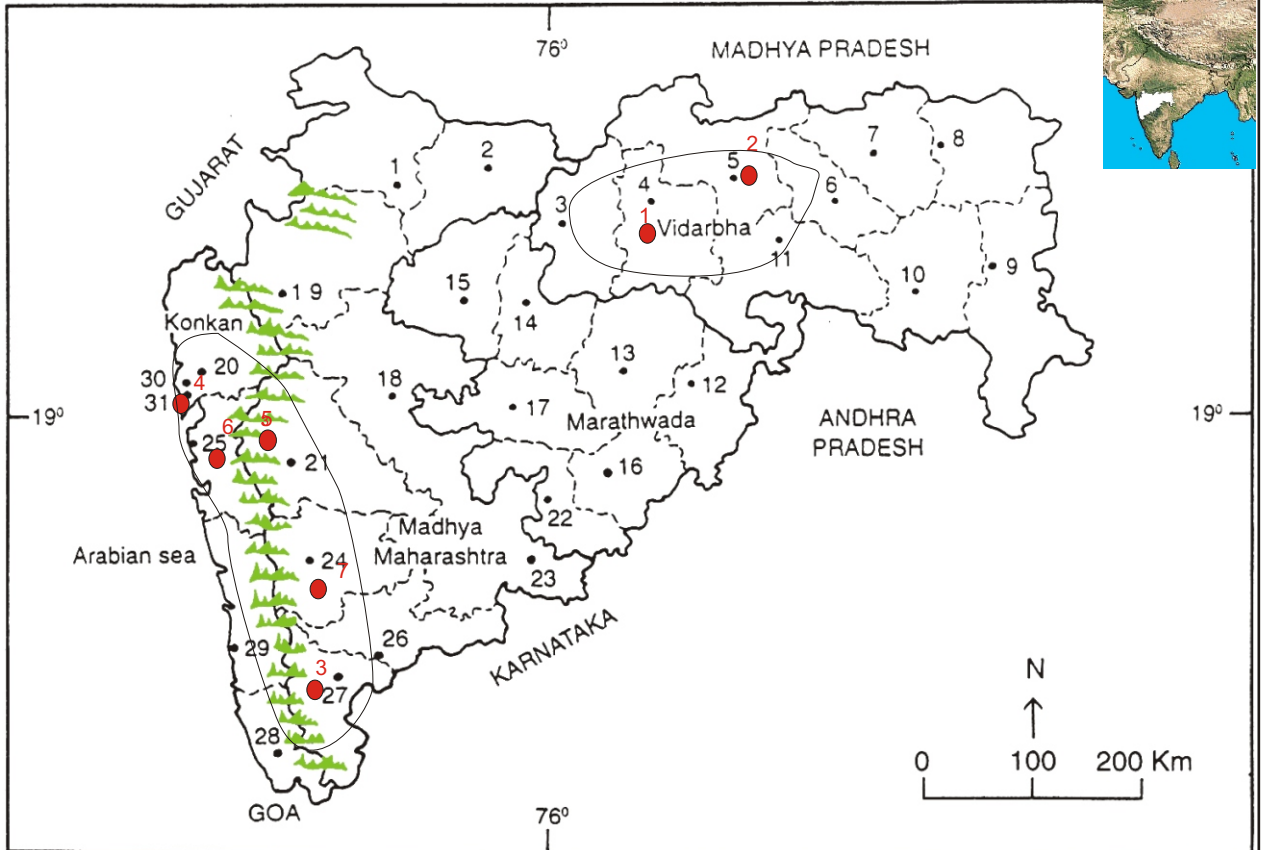
Haritarium

Family Code: 570

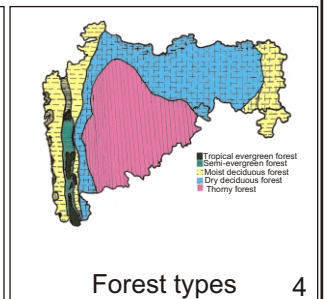
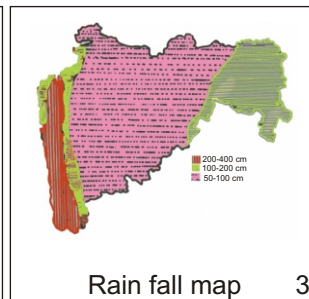
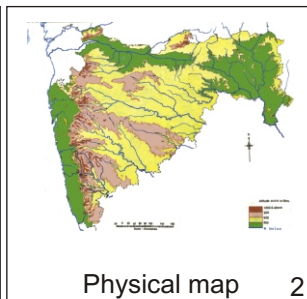
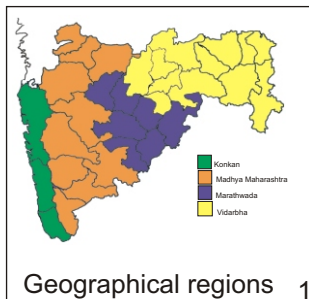
Species code: 5 - 11E

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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.



Distribution in districts ●

1.Akola, 2.Amaravati, 3.Kolhapur, 4.Mumbai, 5. Pune, 6.Raigad, 7.Satara

Geographical distribution:

Latitude (DMS): Between 18° - 16° 31' N & Longitude (DMS): 73° 50' -74° 50' E.



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