



Haritarium

Family Code: 579

Species code: 4 - 11A

Naoroji Godrej Centre for Plant Research

Habenaria longicorniculata J. Graham

Botanical name: *Habenaria longicorniculata* J. Graham

Vernacular name: -

Family : Orchidaceae

Threatened category: Low risk (Gaikwad & Yadav, 2004).

Key characters: Tuberous herbs, leaves clustered at the base, Flowers Jasmine scented. Spur unusually long. Petals entire, linear-oblong, ovary on a long, almost three times long pedicel, lip 1.4 – 2.9 cm long, stigmatic processes clavate, green.

Description: Tuberous herbs, 30-115 cm high, Tubers 1-2, 3-6 X 1-3 cm, ovate or ellipsoid. Leaves variable in size, oblong, oblong-lanceolate or oblong-elliptic, 3-10, 3-23 X 1.5-4.0 cm, acute, margins pale. Inflorescence of terminal, few to many-flowered, second or subsecond racemes. Flowers white, pedicellate, bracteate, lip deeply three lobed. Margins of lobes dentate. Spur unusually long, 0.3-0.5 X 6-12cm. Capsules 2.5-3 cm long, narrowly fusiform, beaked.

Flowering and fruiting: July- October.

Distribution: India - Endemic to Western Ghats

Reported Localities: Akola; Amaravati; Aurangabad; Kolhapur; Nasik; Pune; Raigad; Ratnagiri; Satara; Singhudurg.

Ecology: Occasionally in small groups on open and gentle grassy slopes bordering semi evergreen forests, between 500-1000m altitudes. The hill slopes are also common grazing grounds for village stray cattle.

Association: No specific plant association is observed but prefers to grow among tall grasses like *Heteropogon contortus* and *Themeda* sp.



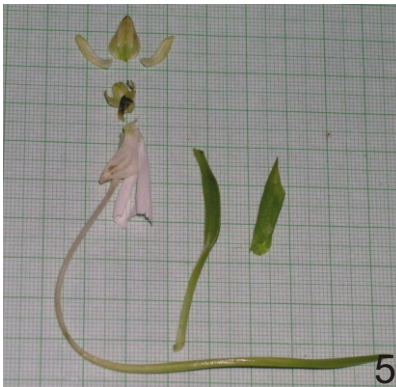
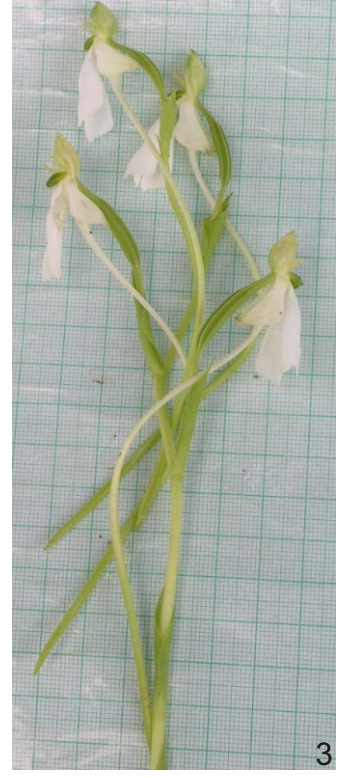
Haritarium

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Species code: 4 - 11B

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1.Habitat, 2. Habit 3.Inflorescence, 4. Single flower, 5.Dissected flower, 6. Close-up view of single flower, 6. Leaf- dorsal view, 7. Leaf- ventral view.



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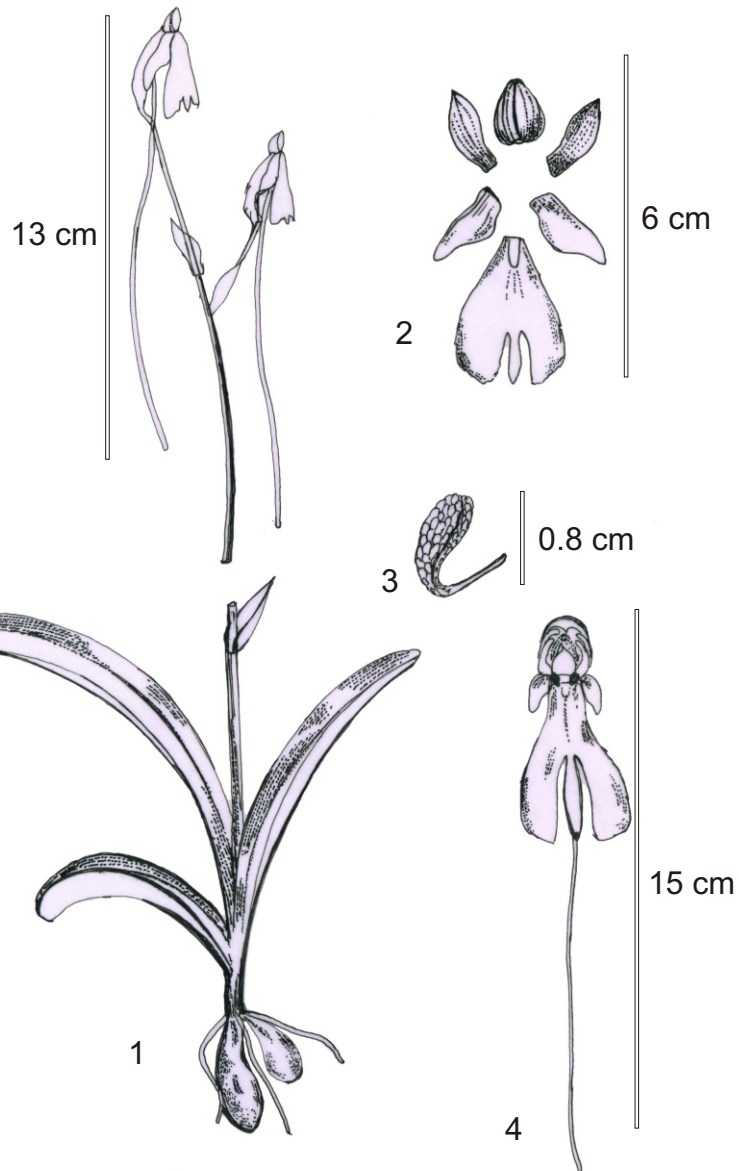
Haritarium

Family Code: 579

Species code: 4 - 11D

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***Habenaria longicorniculata* J. Graham**



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



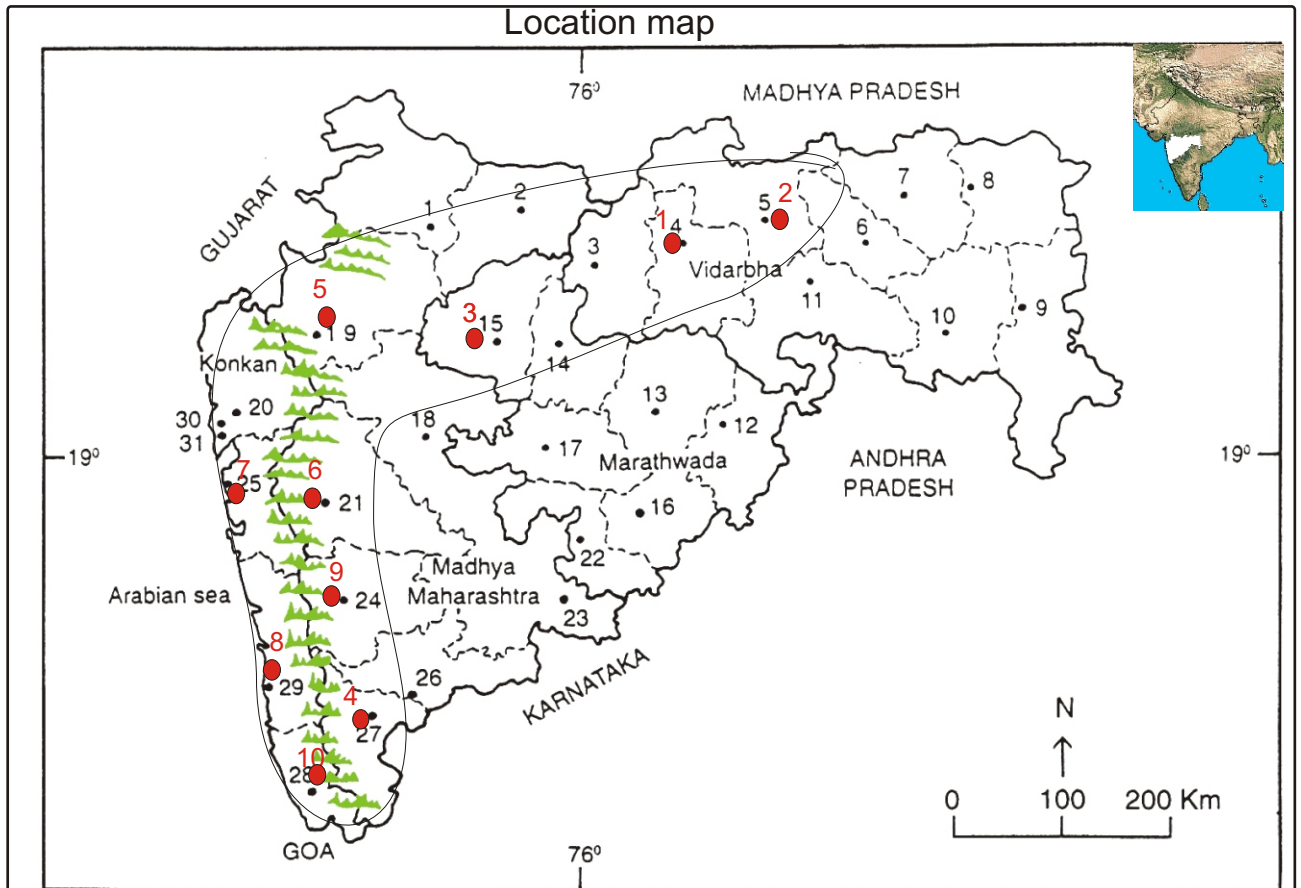
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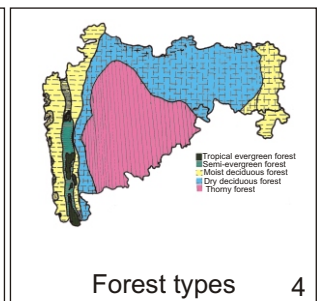
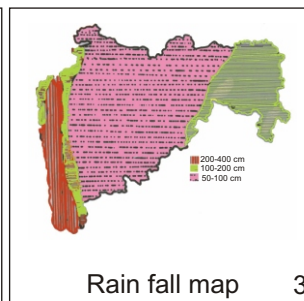
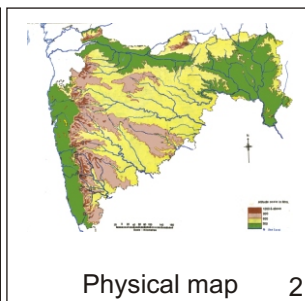
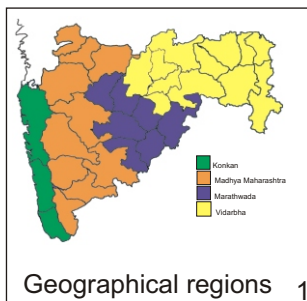
Species code: 4 - 11E

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Habenaria longicorniculata J. Graham



- 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- ●

- 1.Akola 2.Amaravati 3.Aurangabad, 4.Kolhapur, 5.Nasik, 6.Pune 7.Raigad, 8.Ratnagiri,
 9. Satara,10.Sindhudurg.

Geographical distribution in Maharashtra:

Latitude (DMS): Between 18° 45' -17° 55'N & Longitude (DMS): 73° 25'-73° .50' E.



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