



Haritarium

Family Code: 579

Species code: 34 - 5A

Naoroji Godrej Centre for Plant Research

Dendrobium barbatulum Lindl.

Botanical name: *Dendrobium barbatulum* Lindl.

Family : Orchidaceae

Vernacular name:-

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

Key characters: Epiphytic, rhizomes not distinct, leaves several, flowers in racemes, Stems usually simple often reduced to small pseudobulb; lip distinctly 3 lobed, Petals much broader than the dorsal sepal. Flowers pure white, or tinged with pink, or often strongly rosy pink, about 2.5-4 cm across; Bracts lanceolate.

Description: Epiphytic orchids, pseudobulbs 1.5-3.2 cm long, leafless at the time of flowering. Leaves 4.5-13X1.5-3.5 cm, alternate, distichous, sheathing at the base, lanceolate to ovate-lanceolate, acute, entire, Inflorescence terminal or lateral; racemes 1-27-flowered, up to 25 cm in length, erect; peduncles 1.5-8 cm long, pale greenish brown. Flowers 2.5-4 X 2.5-4.5 cm, pedicellate, pure white, to white deeply flushed with pink-lilac. Bracts broadly ovate, subacuminate, pale brown, scarious, 3-5-nerved. Petals 1.6-2.7 x 0.6-1.3 cm, obovate-lanceolate to oblanceolate, acute, tapering to the base, entire, 3-nerved. Lip 1.9-3 cm long, 3-lobed; lateral lobes 7-14 x 2.5-4 mm, more or less connivent upwards to enclose the column in a somewhat cylindrical, 9-15 mm long tube-like structure, obliquely ovate-oblong, subacute, pale creamy yellow, rarely tinged with green to deep pink flushed with mauve, with red-brown veins on the inside; midlobe 1.3-2 X 0.8-1.7 cm, white, or white flushed with pink-lilac with several deeper-coloured veins, broadly ovate or ovate-oblong or subflabellate, acute, mucronulate or rounded-obtuse, entire. Capsules 2.2 X 1.2 cm, elliptic, pedicels 11 mm long, somewhat curved, subclavate and with a broad beak 5 mm long; capsule greenish purple with 3 broad and 3 narrow bands.

Flowering and fruiting: January to May.

Distribution: India – Konkan, Khandesh, konkan, W.Ghats, Deccan, N,Kanara, Travancore

Reported Localities: Kolhapur, Nasik, Pune, Ratnagiri, Satara, Thane.

Ecology: Epiphytic on different trees and shrubs, preferably deciduous trees. Found growing on *Terminalia* sp., *Syzigium* sp., *Heterophragma quadriloculare* Scheum., *Carissa congesta* Wt., *Hymenodictyon* sp., *Sapum insigne* Benth., *Mangifera indica* L., *Salmalia malabarica* Sch. Endl., *Vitex negundo* L., *Tectona grandis* L., *Ixora brachiata* Roxb., etc. Altitude ranges between 300-1200m.

Association: No specific plant association is observed.



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1.Habit, 2.&4. Flower, 3. Inflorescence, 4. Dissected flower, 5.



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Dendrobium barbatulum Lindl.





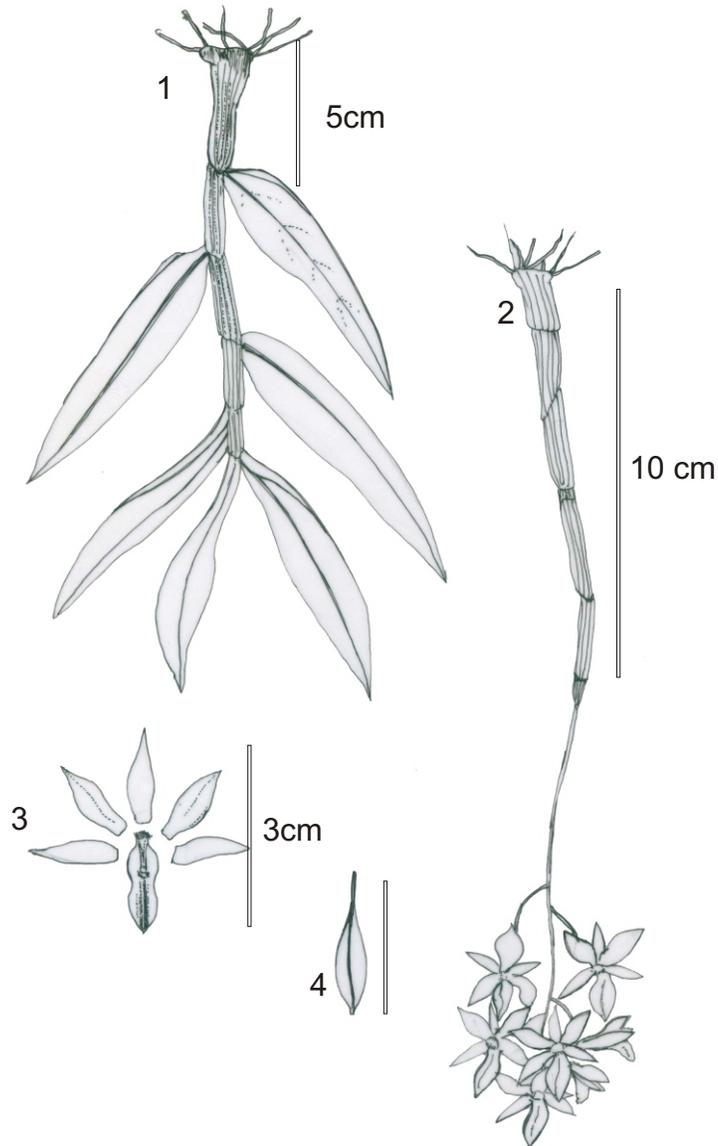
Haritarium

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Species code: 34 - 5D

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Dendrobium barbatulum Lindl.



1.Habit- Vegetative stage, 2. Flowering stage, 3. Dissected flower, 4.Capsule.



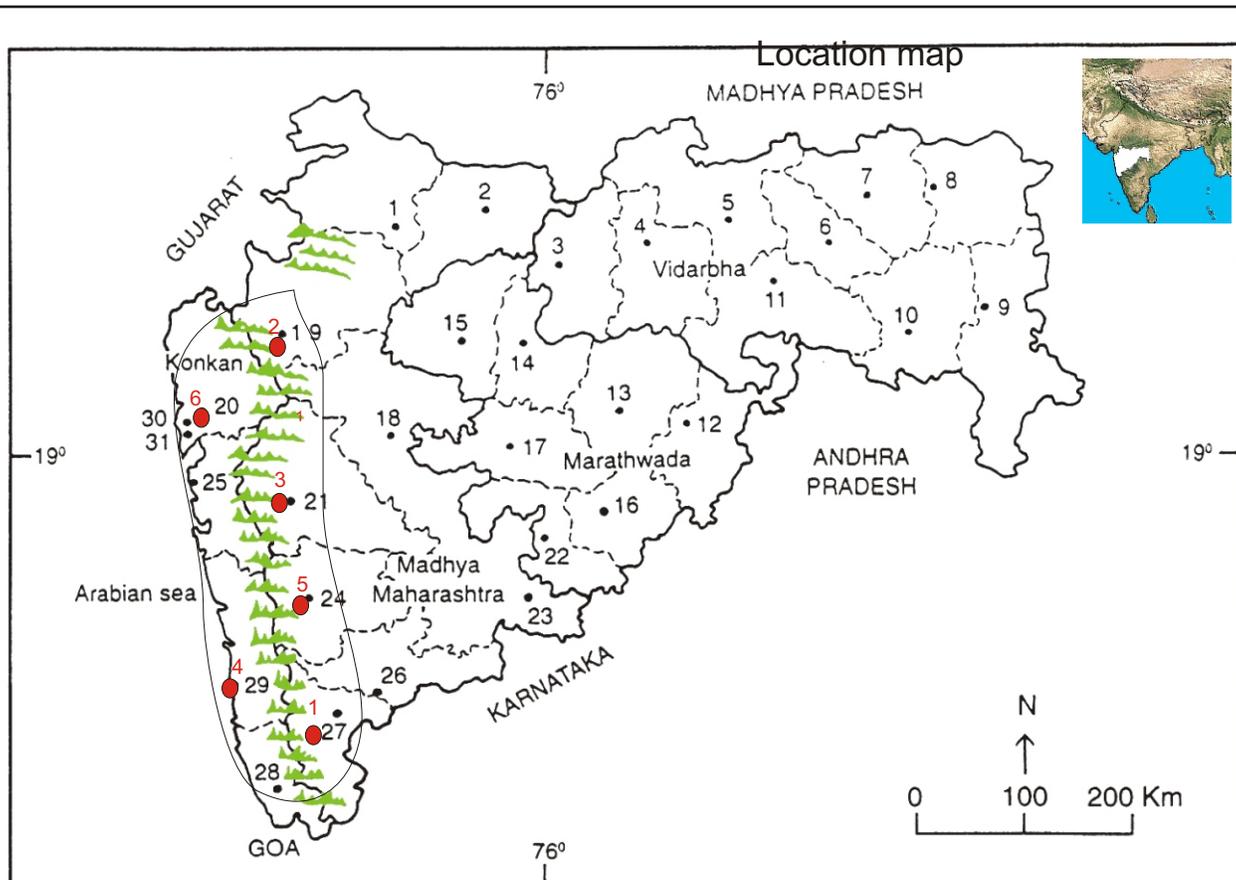
Haritarium

Family Code: 579

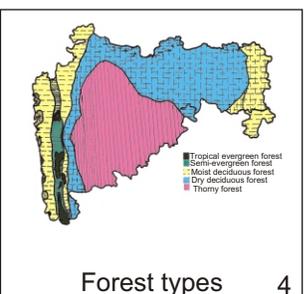
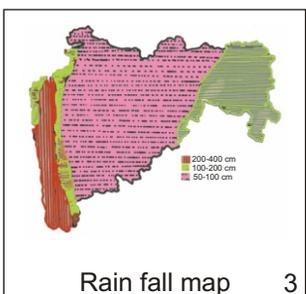
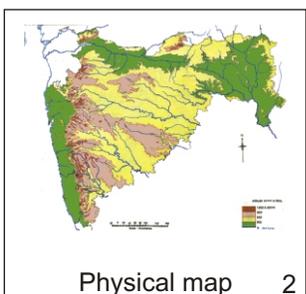
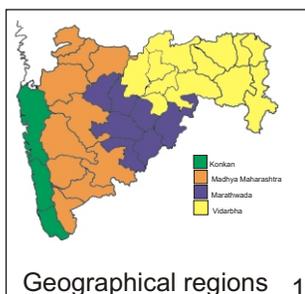
Species code: 34 - 5E

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1. Dhule 2. Jalgaon 3. Buldhana 4. Akola 5. Amaravati 6. Vardha 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. Thane 31. Mumbai.



Localities- ●

1. Kolhapur, 2. Nasik, 3. Pune, 4. Ratnagiri, 5. Satara, 6. Thane.

Geographical distribution in Maharashtra:

Latitude (DMS): 19° 58' - 17° 49' N & Longitude (DMS): 72° - 73° 5' E.



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