



**Haritarium**

Family Code: 579

Species code: 34 -7A

**Naoroji Godrej Centre for Plant Research**

**Dendrobium microbulbon A. Rich**

**Botanical name:** *Dendrobium microbulbon* A. Rich.

(=*D. humile*, = *Callista microbulbon* (A. Rich.) O. Kuntze, = *D. crispum* Dalz.)

**Family :** Orchidaceae

**Vernacular name:**

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

**Key characters:** Epiphyte, rhizomes not distinct, Leaves several, bifarious; flowers many in racemes, Stems usually simple often reduced to small pseudobulb, peduncles straight, lip distinctly 3 lobed pink with deep red-purple veins, irregularly crenulate, broader across lateral lobes than the midlobe, midlobe small irregularly crenulate, truncate or subretuse.

**Description :** Small epiphytic herbs. Crowded on host species. Plant is leaf less at the time of flowering covered with generally moss. Pseudobulbs, mauve-brown and conical, 1-3-jointed 1-2 x 1 cm. Leaves caducous, appearing in the monsoon before the flowers; Inflorescence in 1.5-10 cm long, racemes erect, arising from the terminal portion of the pseudobulb. Peduncles straight, 1-6 cm long, Flowers 10-12 x 7-8 mm, Sepals white, entire, glabrous ; Lip 4x5 mm, fused for about 1-2 mm to the apex of the foot, curved, clawed 3-lobed, lateral lobes pale purplish green with many purple nerves on the inside; midlobe, white flushed with pink-purple with a few nerves. Column pale mauve-green, lateral arms white, acute. Anther very small, pink-purple, suborbicular ; pollinia 4, waxy, linear, yellow. Stigmatic surface pale green lined with purple-brown., Capsules ovoid, or obovoid, slender 10 x 6 mm,.

**Flowering and fruiting:** December to May.

**Distribution:** India – Maharashtra, Karnataka, Kerala, Tamil Nadu.

**Reported Localities:** A. Nasik ( 1- Igat puri), B. Pune ( 2-Bhimashankar, 3-Khandala, 4-Lonavala,5-Purandar) C. Satara (6-Mahabaleshwar), D. Sindhudurg (7-Amboli ghat) E.Thane (8-Thane)

**Ecology:** Epiphyte as well as lithophyte. It is found at higher altitudes in semi-evergreen and moist deciduous forests. We have recorded the plant even on *Euphorbia* sp. Altitude ranges between 900-1200m.

**Association:** No specific plant association is observed except moss covered branches.



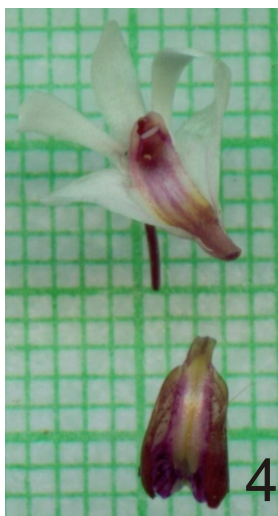
**Haritarium**

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Species code: 34 -7B

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1.& 2. Habit, 3. Inflorescence, 4. Dissected flower, 5. Flower, 6. Pseudobulb.



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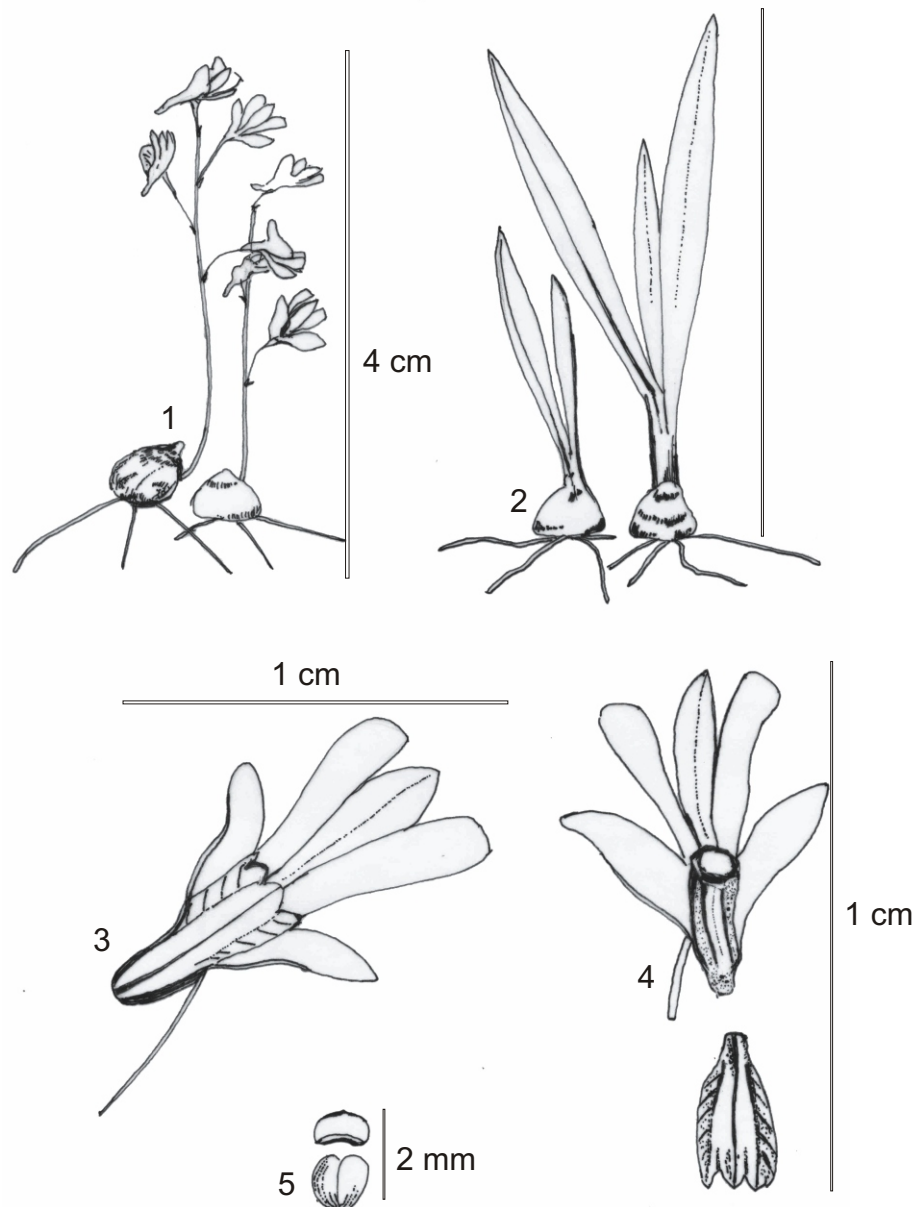
**Haritarium**

Family Code: 579

Species code: 34 -7D

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**Dendrobium microbulbon A. Rich**



1.Habit- Flowering stage, 2. Vegetative stage, 3 Flower, 4.Dissected flower , 5. Pollinia and anther cap, .



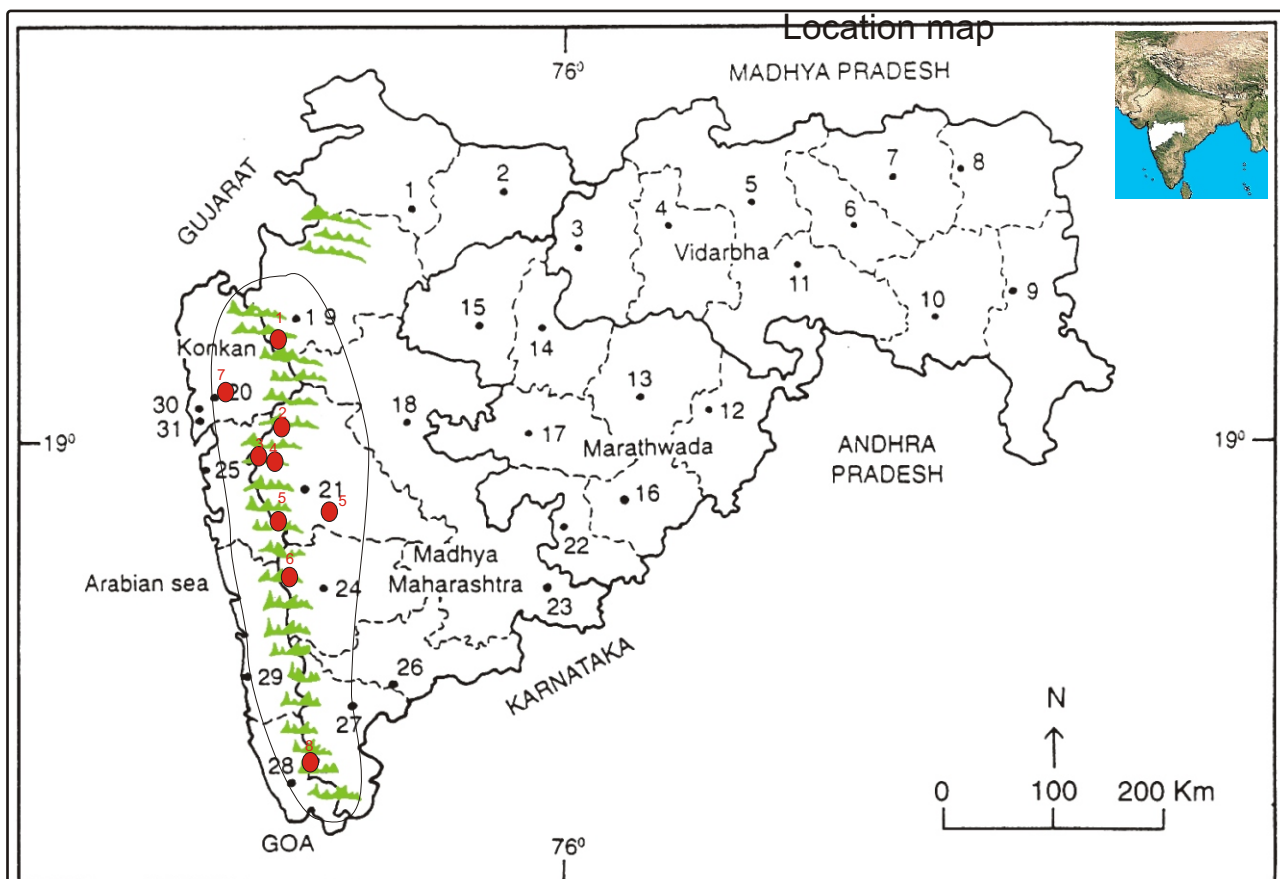
**Haritarium**

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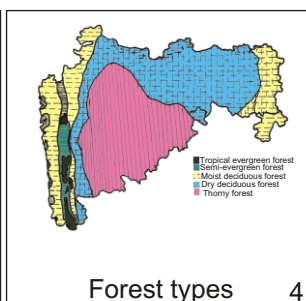
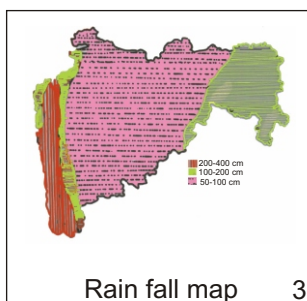
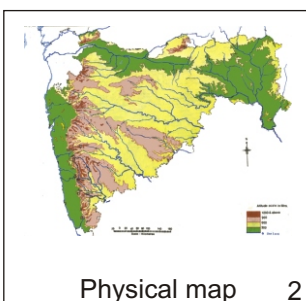
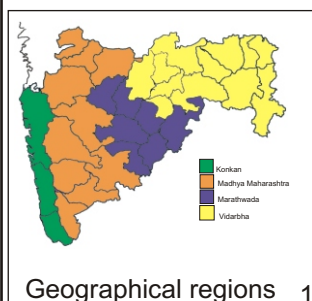
Species code: 34 -7E

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**Dendrobium microbulbon A. Rich**



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- ●

A. Nashik(1-Igatpuri), B. Pune (2-Bhimashankar, 3-Khandala, 4-Lonavala,5-Purandar)  
 C. Satara(6-Mahabaleshwar)D.Sindhudurg(7-Amboli ghat)

Geographical distribution:

Latitude (DMS): Between 19° 58'- 16° 95' N & Longitude (DMS): 72° 58'-74° 43' E;



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**References:**

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