



Haritarium

Family Code: 579

Species code: 28 - 3A

Naoroji Godrej Centre for Plant Research

Oberonia brunoniana Wight

Botanical name: *Oberonia brunoniana* Wight

Vernacular name: -

Family : Orchidaceae

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

Key characters: Pendulous epiphytic plants without pseudo bulbs and distinct stem; leaves fleshy, thick, equitant, distichous; flowers in terminal, dense, cylindrical, simple racemes, petals linear, lip inferior, oblong-orbicular, apex 2-lobulate, lobules orbicular, pollinia-4..

Description: Epiphytic herbs, pendulous. Leaves purplish brown, occasionally brownish, succulent, obovate to linear-oblong, often subfalcate, acute, 4-15 X 1.0- 3.5 cm. Scapes 1.5- 3.0 cm long, 2-angled, furnished with a small leaf-like bract at apex below the inflorescence. Spikes erect or recurved, stiff 5-20 X 0.5-0.6 cm. Flowers densely imbricate, brown, bracteate, sessile, about 0.2 cm across. Lip 3 lobed, densely gland dotted, lateral ones irregularly crenulate. Anther yellowish. Capsules ellipsoid, stalk short, 0.5 X 0.3 cm.

Flowering and fruiting: February –March.

Distribution: India – Endemic to Western Ghats.

Reported Localities in districts: Kolhapur, Satara and Thane.

Ecology: Occasionally seen growing as epiphyte on mature, big trees. Prefers Ever green trees in protected areas such as sanctuaries & reserved forests. Altitude ranges between 600-1000m above sea level.

Association: No specific plant association is observed.



Haritarium

Family Code: 579

Species code: 28 - 3B

Naoroji Godrej Centre for Plant Research

***Oberonia brunoniana* Wight**



1. Habit, 2. Fruit, 3. Inflorescence



Haritarium

Family Code: 579

Species code: 28 - 3C

Naoroji Godrej Centre for Plant Research

***Oberonia brunoniana* Wight**





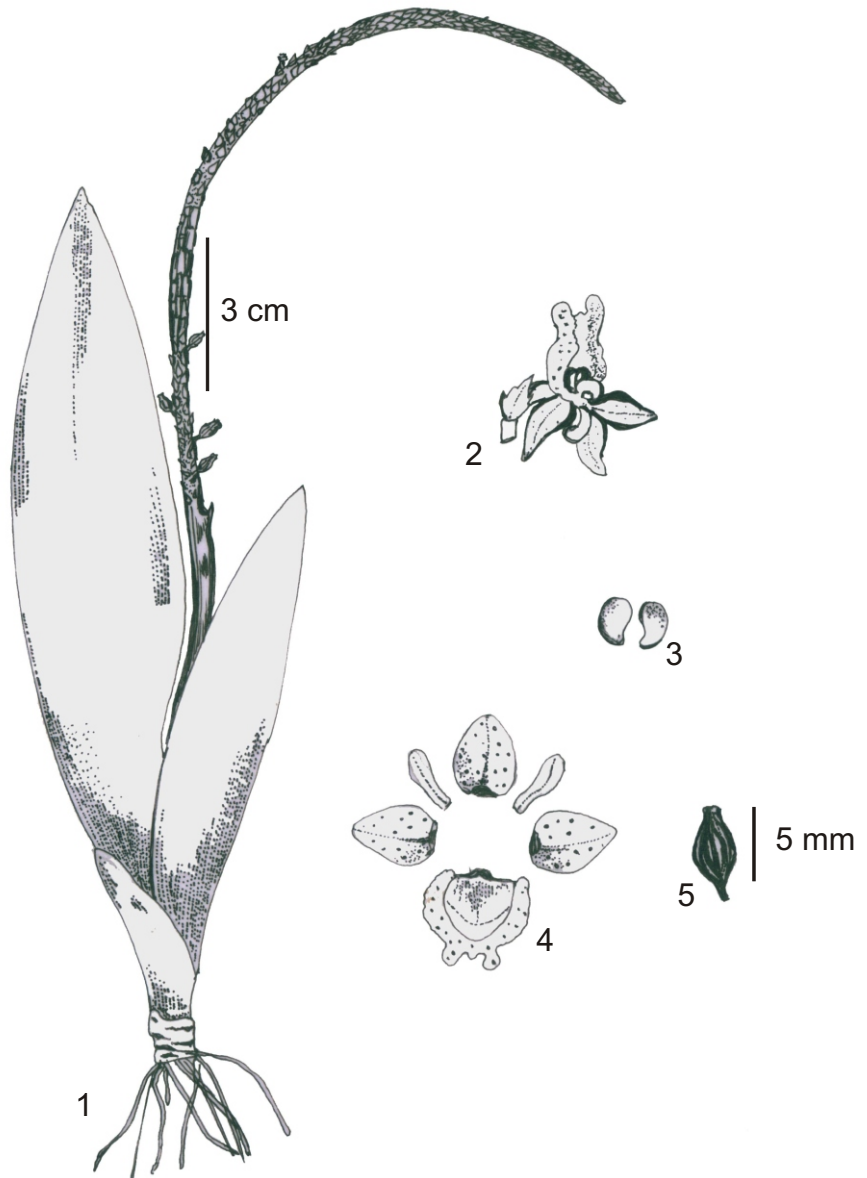
Haritarium

Family Code: 579

Species code: 28 - 3D

Naoroji Godrej Centre for Plant Research

***Oberonia brunoniana* Wight**



1. Habit, 2. Flower, 3. Pollinia, 4. Dissected flower, 5. Seed.



Haritarium

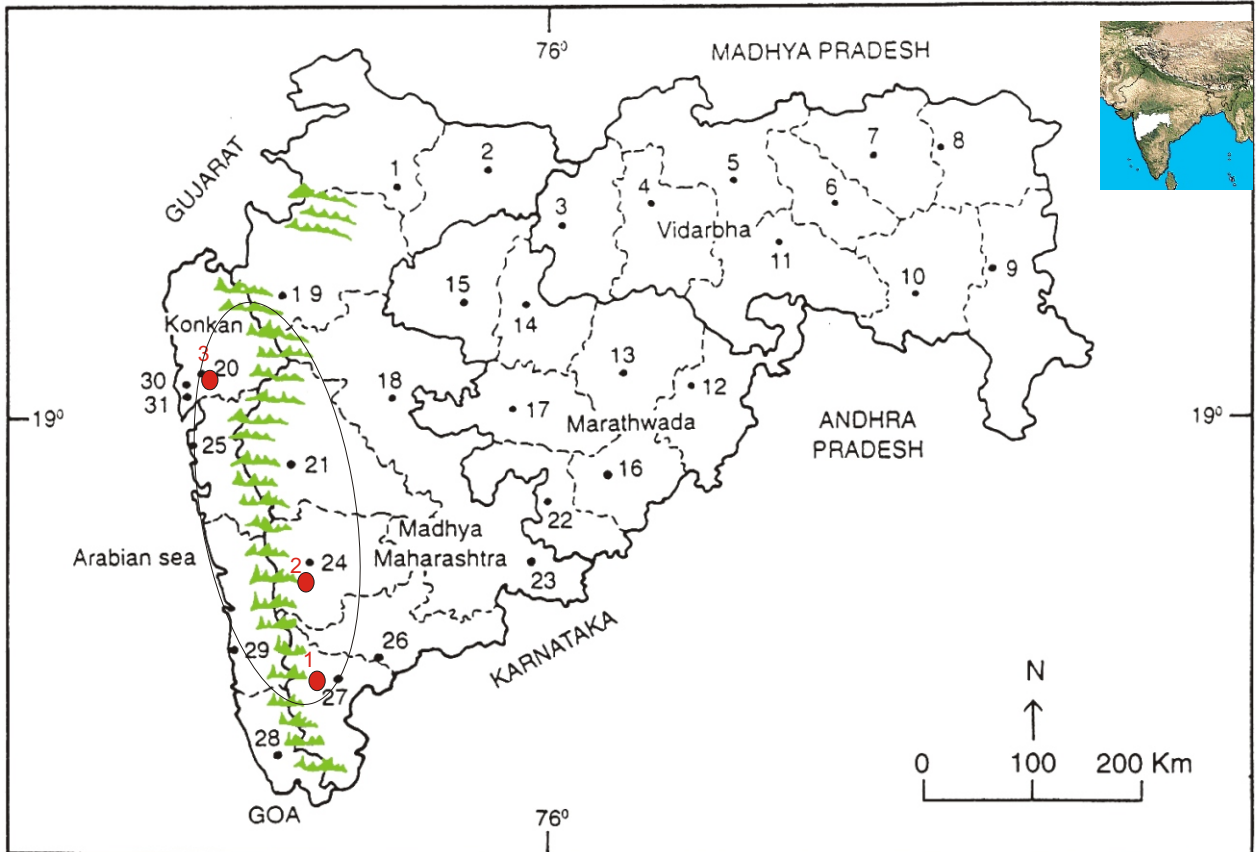
Family Code: 579

Species code: 28 - 3E

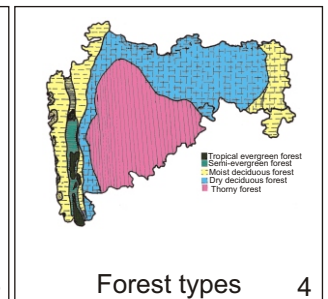
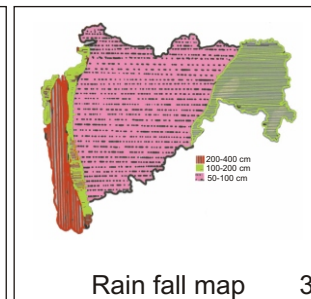
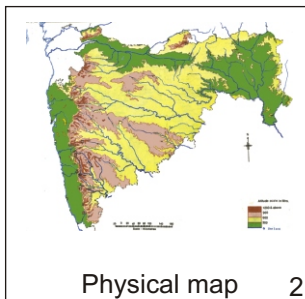
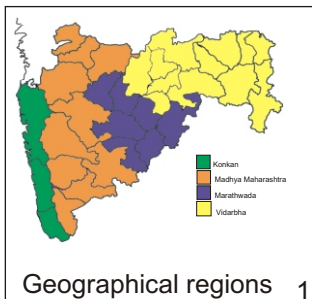
Naoroji Godrej Centre for Plant Research

Oberonia brunoniana Wight

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 following districts ●

1. Kolhapur, 2..Satara, 3.Thane.

Geographical distribution in Maharashtra:

Latitude (DMS): 19° 58' -16° 11' N & Longitude (DMS): 72° 58' -74° 13' E.



Haritarium

Family Code: 579

Species code: 28 - 3F

Naoroji Godrej Centre for Plant Research

Oberonia brunoniana Wight

References:

Cooke, T. (1904): **The Flora of Presidency of Bombay**. Vol.3: 178. (rep. Ed.1958).

Gaikwad S.P. & S.R. Yadav(2004): T. Pullaiah (ed.)Endemic flowering plant species of Maharashtra and their possible utilization; **Biodiversity in India**, Regancy publications, New Delhi:49.

Laxminarasimhan, P.(1996): in B.D. Sharma, S. Karthikeyan & N.P.Singh (eds), **Flora of Maharashtra state, Monocot**. B.S.I., Calcutta:51.

Santapau, H. & Kapadia Z.(1966): **The Orchids of Bombay**: Manager of Publications, Delhi:93.

Tetali, *et al.* (2000): **Endemic Plants of India (A Status Report of Maharashtra State)**. Naoroji Godrej Centre for Plant Research, Shirwal: 82.

Yadav, S.R.(1997): Endemic plants of peninsular India with special reference to Maharashtra, in Pokle D.S., S.P. Kanir & V.N. Naik (eds.) **Proceedings, VII IAAT Annual Meet and National Conference**, Aurangabad:49.