



Haritarium

Family Code: 71

Species code: 8 - 2A

Naoroji Godrej Centre for Plant Research

Paracaryopsis malabarica (C.B.Cl.)R.R.Mill.

Botanical name: *Paracaryopsis malabarica* (C.B.Clarke)R.R. Mill
(=*Paracaryum malabaricum* C.B.Cl., =*Adelocaryum malabaricum* (C.B.Cl.)Brand.)

Family: Boraginaceae

Vernacular name: Kalanisurdi.

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

Key characters: Herbs, Stems brownish red below, flowers, uniform blue, styles simple, anthers exerted, ovary 4 lobed, flowers small, calyx enlarged in fruits.

Description: Perennial herbs, erect and branched, about 0.7 m high; stems brownish red, green above, smooth below, strigose above, Leaves petiolate, upper leaves sessile, broadly ovate or deltoid, base cordate, radical leaves 10-20 X 8-18 cm, strigose above, softly hairy beneath, apex acute; Flowers uniformly bluish, numerous in terminal racemes forming a dense corymbs, pedicle short, 1.5 cm wide; calyx enlarged in fruits; corolla lobes rounded. Anther tips just exerted beyond the top of the corolla-tube. Fruits pyramidal, nutlets – 4, ovoid acute, prominent erect or incurved margin, glochidiate on the faces, margins with hooked prickles all over.

Flowering and fruiting: September – November.

Distribution: India – Endemic to Western Ghats.

Localities: Ahmednagar, Nasik, Satara, Thane.

Ecology: Occasional on steep and open hill slopes and fringes of forests Altitude ranges between 600-1200m above sea level.

Association: No specific plant association is observed.



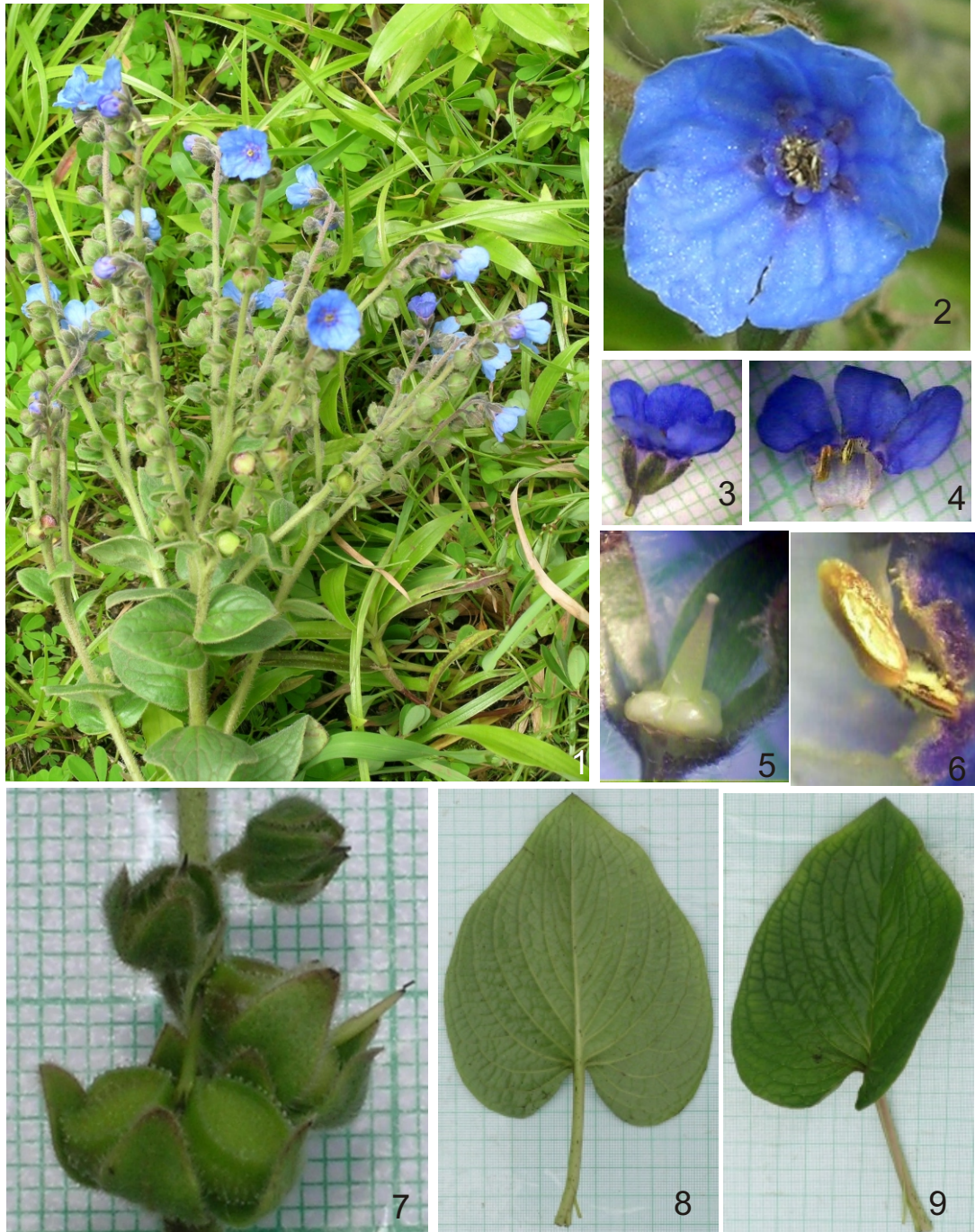
Haritarium

Family Code: 71

Species code: 8 - 2B

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***Paracaryopsis malabarica* (C.B.Cl.)R.R.Mill.**



1. Habitat, 2.,3., Flower, 4. Dissected flower, 5. Stigma, 6. Anther, 7. Nuts, 8. Leaf- Dorsal view, 9. Leaf- Ventral view.



Haritarium

Family Code: 71

Species code: 8 - 2C

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Paracaryopsis malabarica (C.B.Cl.)R.R.Mill.





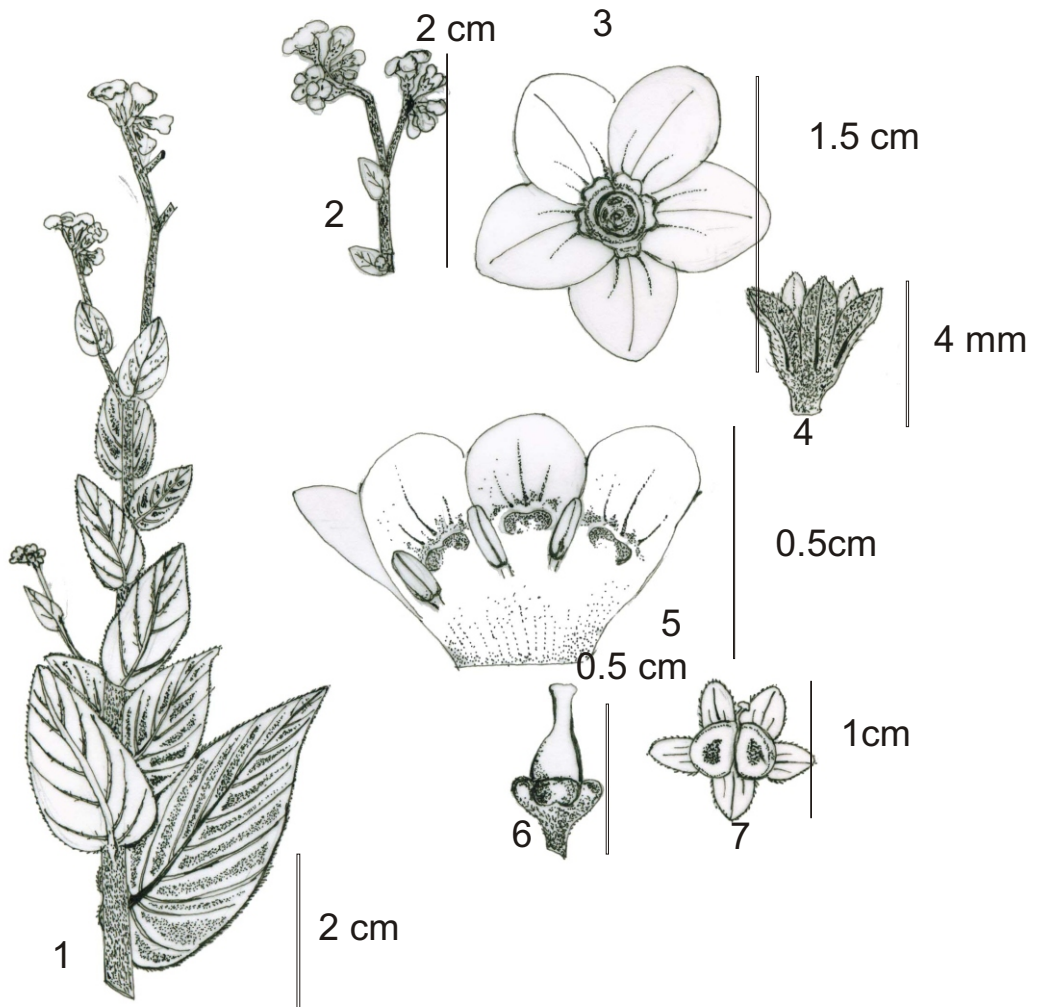
Haritarium

Family Code: 71

Species code: 8 - 2D

Naoroji Godrej Centre for Plant Research

***Paracaryopsis malabarica* (C.B.Cl.)R.R.Mill.**



1. Habit, 2. Inflorescence, 3. Flower, 4. Calyx, 5. Dissected flower, 6. Gynoecium, 7. Seed



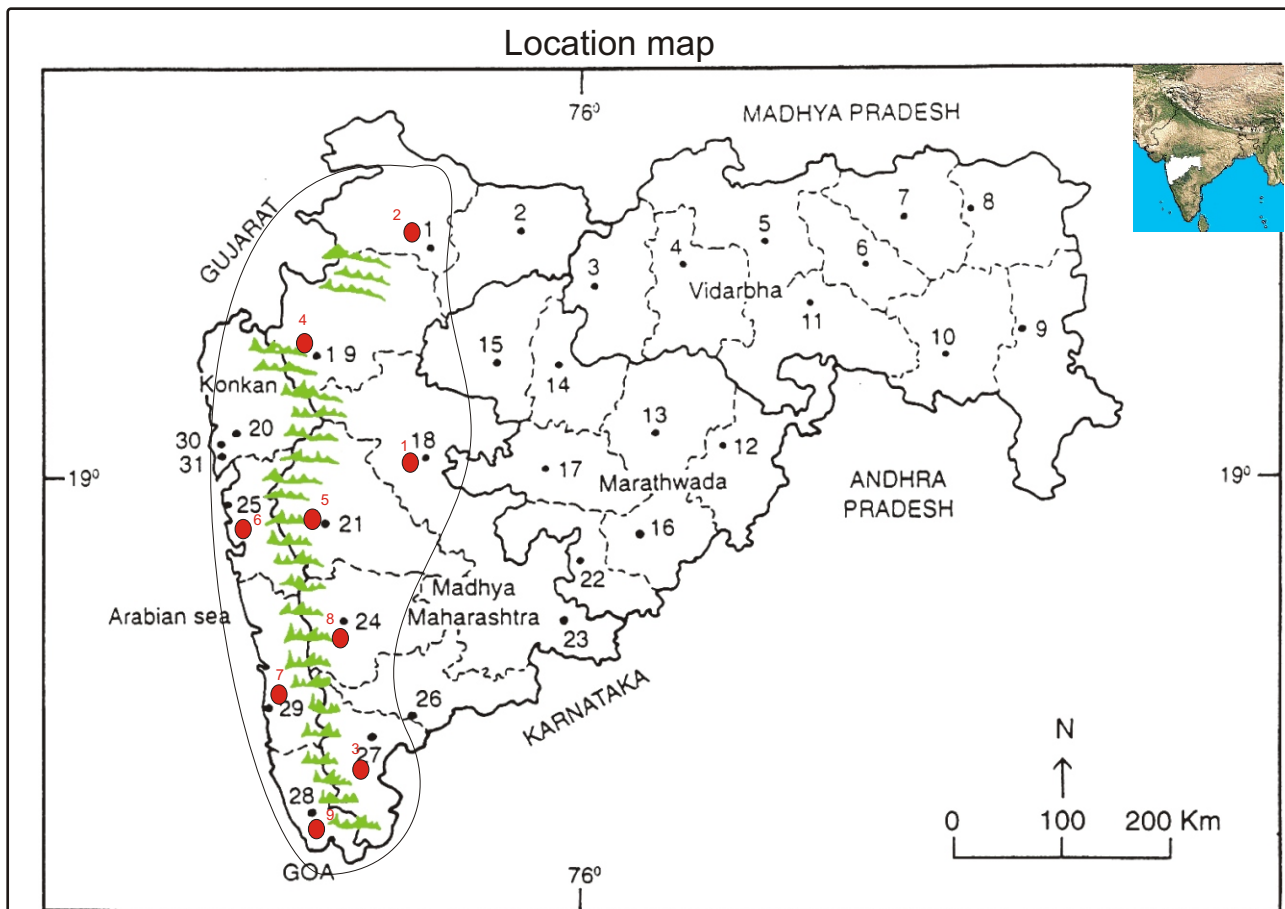
Haritarium

Family Code: 71

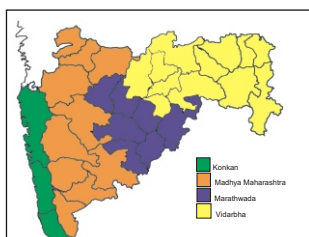
Species code: 8 - 2E

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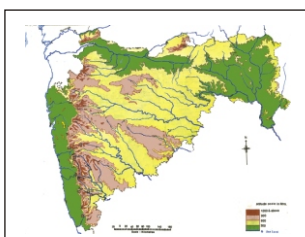
Paracaryopsis malabarica (C.B.Cl.)R.R.Mill.



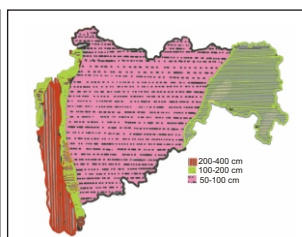
- 1.Dhule 2.Jalgaon 3. Buldhana 4.Akola 5.Amaravati 6.Wardha 7.Nagpur 8. Bhandara 9. Gadchiroli
 10. Chandrapur 11. Yavatmal 12. Nanded 13. Parbhani 14. Jalna 15. Aurangabad 16.Latur
 17. Beed 18. Ahmadnagar 19 Nashik 20. Thane 21. Pune 22. Osmanabad 23. Solapur 24.Satara
 25. Raigad 26.Sangli 27. Kolhapur 28. Sindhudurg 29. Ratnagiri 30.Mumbai 31.Greater Mumbai.



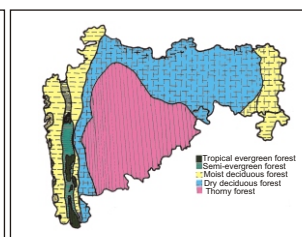
Geographical regions 1



Physical map 2



Rain fall map 3



Forest types 4

Localities- ●

- 1.Ahmednagar, 2.Dhule, 3.Kolhapur,4. Nasik, 5.Pune, 6.Raigad, 7.Ratnagiri, 8.Satara, 9.Sindhudurg.

Geographical distribution in Maharashtra:

Latitude (DMS): Between 17^o 49' -20^o 53' N & Longitude (DMS): 72^o 58'-74^o.43' E.



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References:

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