



Haritarium

Family Code: 26

Species code: 11-1A

Naoroji Godrej Centre for Plant Research

Pinda concanense (Dalzell) P.K. Mukh. & L. Constance

Botanical name: *Pinda concanensis* (Dalzell) P.K. Mukh. & L. Constance
(=*Heracleum concanense* Dalz., = *H. pinda*, *H. grandiflorum*
Dalz. & Gibs.)

Vernacular name: Panda

Family : Apiaceae

Status: Low risk (Mishra & Singh, 2001)

Key characters: Leaves 2-3 pinnate, flowers white, ebracteate, exterior petal of marginal flower grossly dilated, Fruits dorsally compressed, fruit ribs projecting but not winged and vittae extending to base of fruit.

Description: Tall, slender herbs, erect, sparsely branched above, 40-120 cm high, hirsute to hispidulous. Roots fusiform, Leaves ternate-pinnate or bipinnate; leaflets ovate-lanceolate to ovate, serrate and often lobed; cauline leaves reduced upward, the uppermost often reduced to oblong-oval, bladeless sheaths. Peduncles 2-10 cm long, slender, or some times abortive; rays usually 4-10, 1-5 m long, hispidulous; umbellets 6-12-flowered; mature pedicels 2-5 mm long. Calyx teeth small, ovate. Petal white, oval with a narrower inflexed apex, . Fruits strongly compressed, oval or elliptic rounded at base and apex, 0.4-0.5cm long.

Flowering and fruiting: July -August.

Distribution: India : Enemuc to Maharashtra mostly Western Ghats.

Reported Localities: Maharashtra – Ahmednagar, Nasik, Pune, Raigad, Ratnagiri, Satara. Sindhudurg, Thane.

Ecology: Occasionally found in small groups on open hill slope, grasslands and in marshy places. Altitude ranges between 600-1200m above sea level.

Association: No specific plant association is observed except growing among small sized grasses.



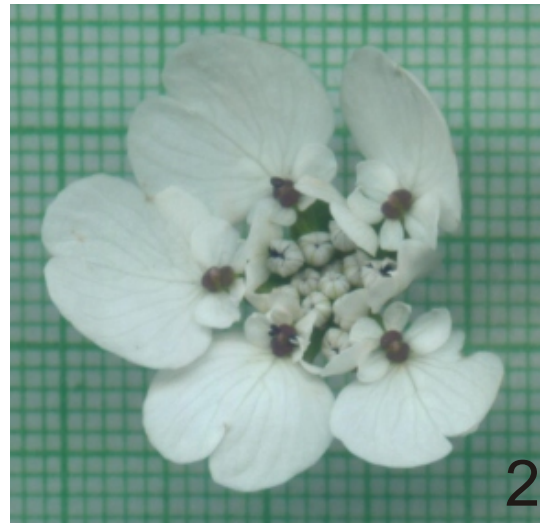
Haritarium

Family Code: 26

Species code: 11-1B

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1.Habitat, 2., 4.& 5. Flower head, 3.Single flower, 6.Leaf-Dorsal view, 7. Leaf - Ventral view.



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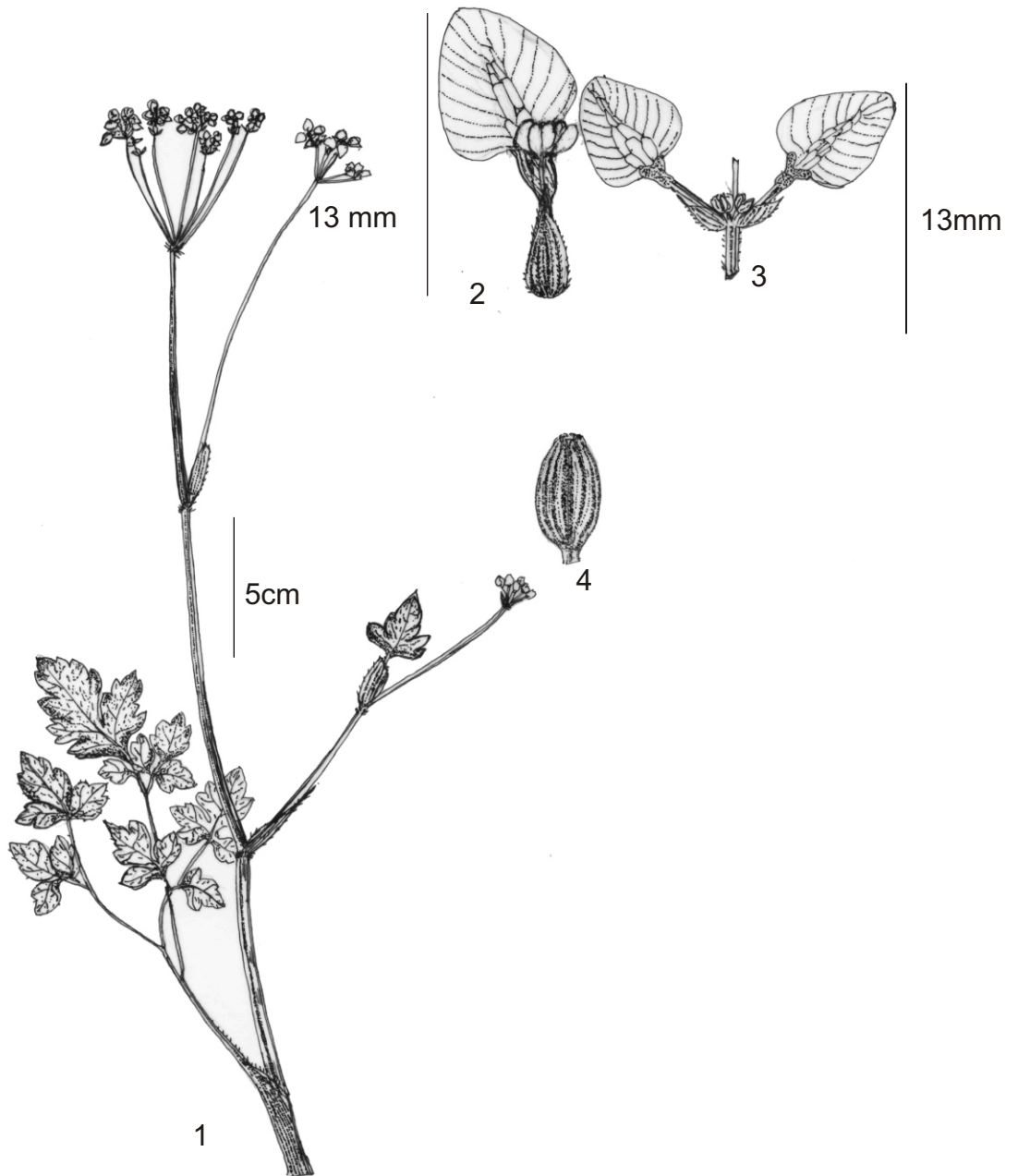
Haritarium

Family Code: 26

Species code: 11-1D

Naoroji Godrej Centre for Plant Research

***Pinda concanense* (Dalzell) P.K. Mukh. & L. Constance**



1. Habit, 2. Single flower, 3. Inflorescence, 4. Seed.



Haritarium

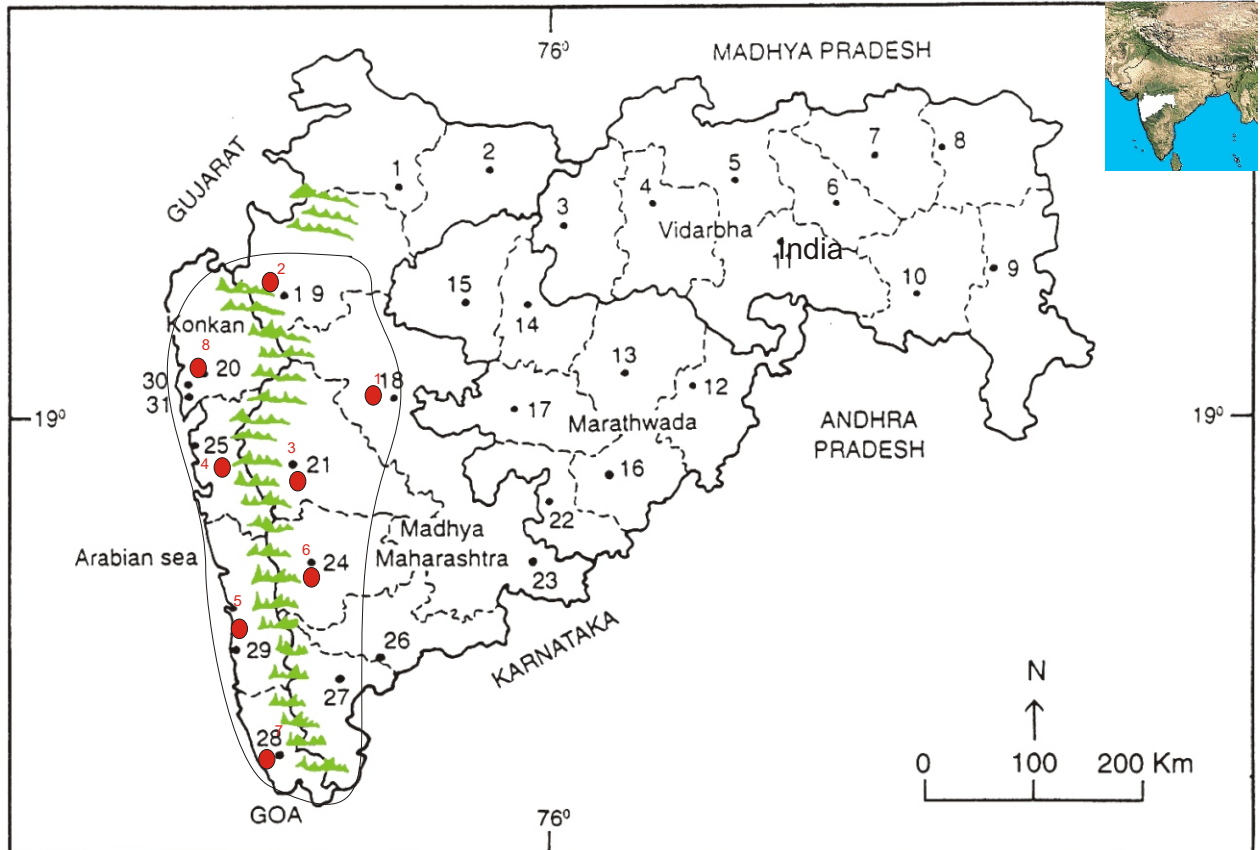
Family Code: 26

Species code: 11-1E

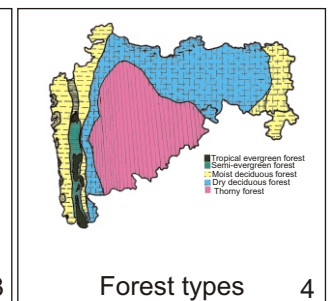
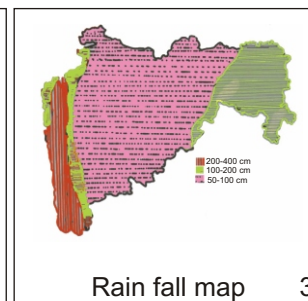
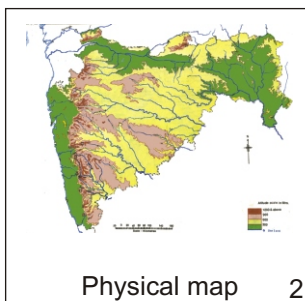
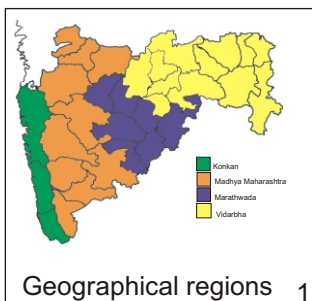
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Location map



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. Ahmednagar, 2. Nasik, 3. Pune, 4. Raigad, 5. Ratnagiri, 6. Satara. 7. Sindhudurg, 8. Thane.

Geographical distribution in Maharashtra:

Latitude (DMS): Between 19° 58' - 17° 49' N & Longitude (DMS): 72° 58' - 74° 43' E.



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References:

Almeida, S.M. (1990): **Flora of Savantwadi, Maharashtra, India**. Vols. 1:195.

Cooke, T. (1904): **The Flora of Presidency of Bombay**. Vol. 1: 608. (rep. Ed. 1958).

Deshpande, S.D., B.D. Sharma & M.P. Nayar (1993) **Flora Mahabaleshwar and adjoining, Maharashtra**, B.S.I. Calcutta, Vol. 1: 270.

Hooker, J.D. *et al.* (1883): **The flora of British India**. London. Vol. 2: 716.

Kulkarni, B. G. (1988): **Flora of Sindhudurg**, B.S.I. Calcutta: 189.

Laxminarasimhan, P. & B.D. Sharma (1991): **Flora of Nasik district.**, B.S.I. Calcutta :237.

Mishra D.K. & N.P. Singh (2001) :Endemic and Threatened Flowering Plants of Maharashtra, B.S.I., Calcutta: 114.

Pradhan, S.G. & N. P. Singh. 1999. **Flora of Ahmednagar district**. Bishen Singh Mehendra Pal Singh, Dehradun:270..

Singh N.P. & S. Karthikeyan (2000):(eds), **Flora of Maharashtra state, Dicotyledones**. Vol. 2: . B.S.I., Calcutta:102.

Tetali, *et al.* (2000): **Endemic Plants of India (A Status Report of Maharashtra State)**. Naoroji Godrej Centre for Plant Research, Shirwal: 29.