



Haritarium

Family Code: 50

Species code: 1 - 1A

Naoroji Godrej Centre for Plant Research

Impatiens acaulis Arn.

Botanical name: *Impatiens acaulis* Arn.

Vernacular name: -

Family : Araceae

Threatened category: Endemic.

Key characters: Terrestrial plants, spadix sessile, reddish-purple. Spathe 7–13 cm long, short, thick, blunt appendix included in the spathe. Flowers bisexual.

Description: Scapigerous herbs with tuberous rootstocks, 15 - 30 cm high. Leaves radical, variable, 8-13 X 3-7 cm, ovate, obovate, oblong or rotundiform, base rounded, truncate or subacute; petioles upto 8 cm long. Scapes 8-26 cm long. Flowers purplish-pink, upto 3 cm across; spur 6-5 cm long. Capsules 1.2 X 0.4 cm long, ovoid.

Flowering and fruiting: July- September.

Distribution: Endemic to India & Sri Lanka (?)

Localities: Kolhapur, Nasik, Pune, Raigad, Ratnagiri, Satara, Sindhudurg.

Ecology: Grows gregariously wherever it is found. The habitat is unique. Occurs on damp rocks near waterfalls along Ghats. Altitude ranges between 600-1200m above sea level.

Association: No specific plant association is observed. The rocks are generally covered with Moss spp.



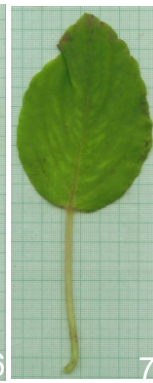
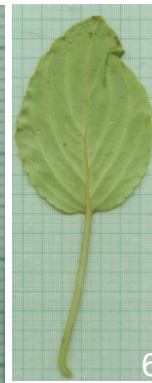
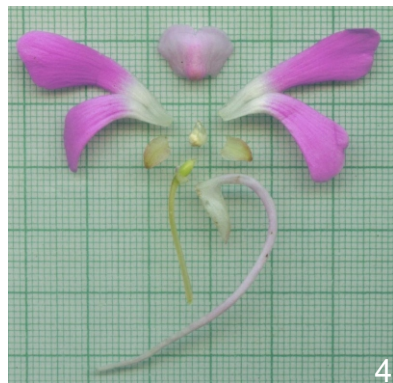
Haritarium

Family Code: 50

Species code: 1 - 1B

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1. Habitat, 2. Habit, 3. Flower, 4. Dissected flower, 5. Flower bud, 6. Leaf- Dorsal view, 7. Leaf- Ventral view.



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Species code: 1 - 1C

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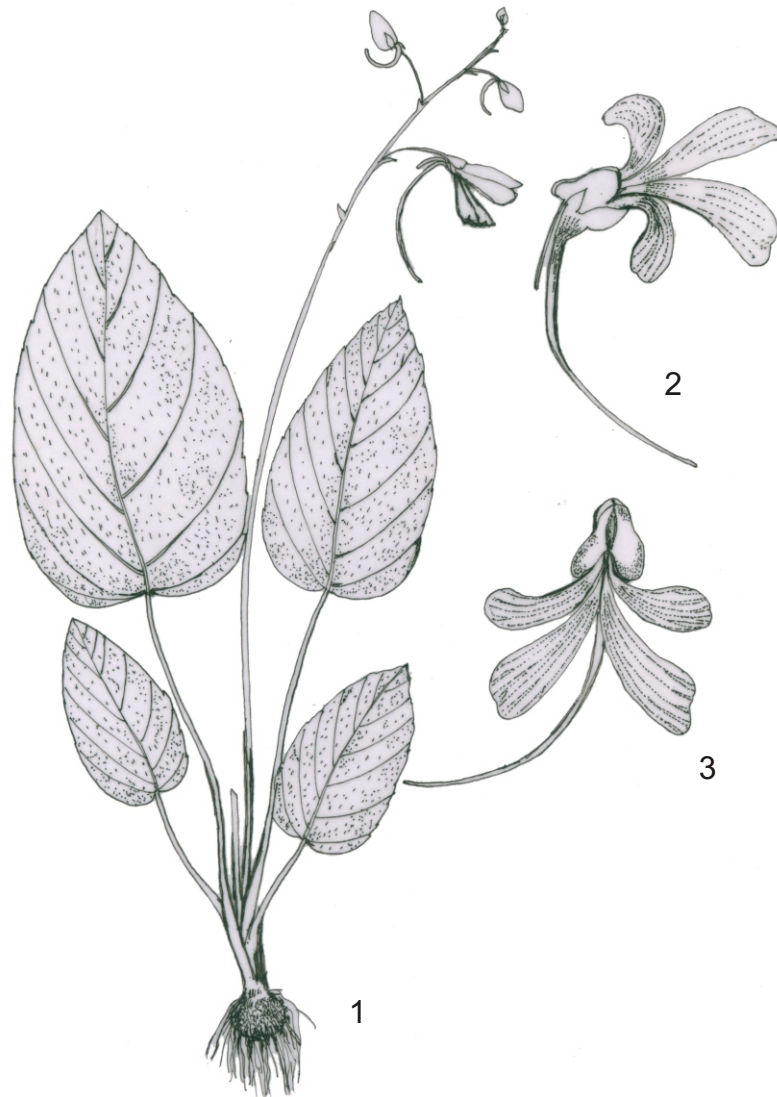
Haritarium

Family Code: 50

Species code: 1 - 1D

Naoroji Godrej Centre for Plant Research

Impatiens acaulis Arn.



1.Habit, 2.Flower



Haritarium

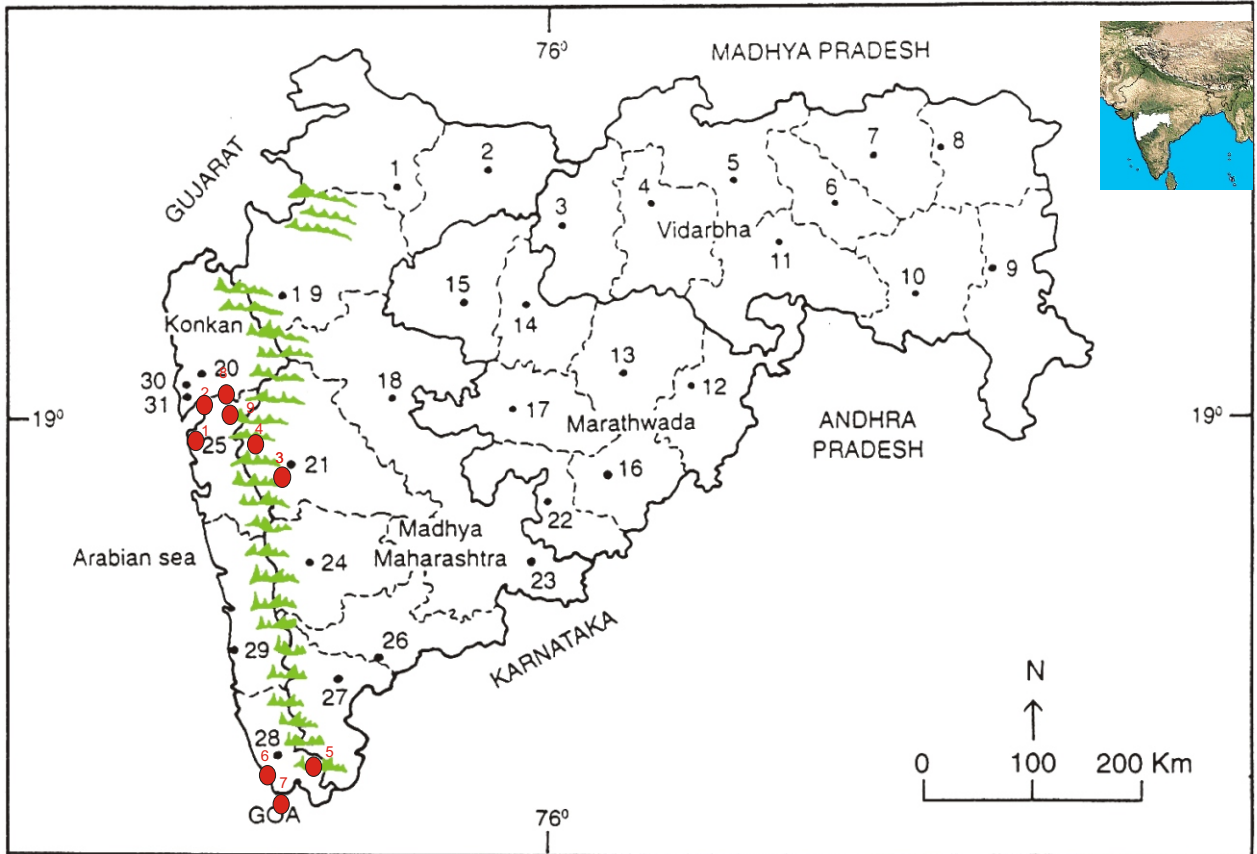
Family Code: 50

Species code: 1 - 1E

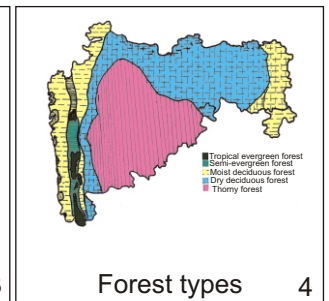
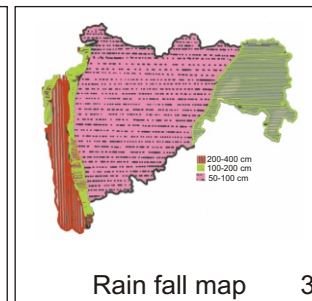
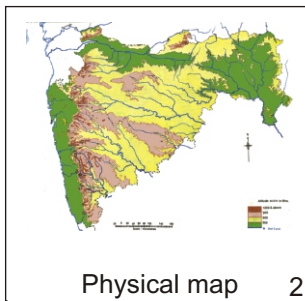
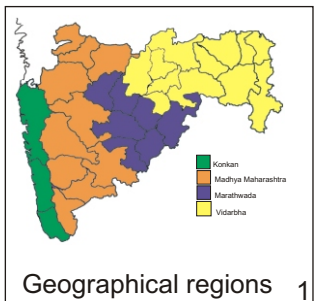
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Impatiens acaulis Arn.

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.



Localities- ●

Bombay(1-Borivli,2-Trombay),Pune(3-Khandala), Raigad(4-Matheran), Sindhugurg (5-Amboli,6-Malwan,7-Vengurla), Thane(8-Kasara,9-Mumbra)

Geographical distribution in Maharashtra:

Latitude (DMS): 22° 1' -16° 4' N & Longitude (DMS): 72° 6' -80° 9' E.



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References:

- Blatter E. & C. McCann.(1933): Revision of the flora of the Bombay Presidency. *J.Bombay nat. Hist. Soc.* **36**:309.
- Cooke. T (1904): **Flora of Presidency of Bombay**. Vol.1: 180(rep. Ed.1967)
- Hooker, J.D. *et al.*(1874):**The flora of British India**. London. Vol.1: 443.
- Singh N.P. & S. Karthikeyan (2000):(eds), **Flora of Maharashtra state, Dicotyledones**.Vol. 2: . B.S.I., Calcutta:445.
- Tetali, *et al.* (2000): **Endemic Plants of India (A Status Report of Maharashtra State)**. Naoroji Godrej Centre for Plant Research, Shirwal: 53.
- 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:41.