



Haritarium

Family Code: 527

Species code: 9 - 4A

Naoroji Godrej Centre for Plant Research

Arisaema murrayi (Grah.) Hook. var. **Sonubeniae** P. Tetali, Punekar & Lakshmin.

Botanical name: *Arisaema murrayi* (J. Graham) Hook. var. **sonubeniae**
P. Tetali, Punekar & Lakshmin.

Vernacular name: Patari

Family : Araceae

Threatened category: Not assessed.

Key characters: Tuberos terrestrial monoecious / dioecious herbs, Spathe tube purple-lavender in upper half with a scarlet blotch at the base on the anterior side, Spathe limb pale purple-lavender with a dark purple blotch at the base, stigma capitate.

Description: Perennial herbs. Corms warty, Leaves mostly solilarv, petiole 12—10 cm long, light green in mature plants, greyish-brown tinged when young; leaf blade subpedatisect, leaflets 5 - 9, sessile, 5.5 - 17 x 1.7 - 6.5 cm, elliptic to obovate, base cuneate apex caudate in monoecious plants, mucronate in dioecious male plants, dark or pale green above, glossy below; midrib, veins and veinlets prominently raised below, lateral nerves 10- 12, spathe tube purple-lavender in the- upper half with a scarlet blotch at the base on the anterior side, the spathe limb curved downwards, pale purple-lavender with a dark purple blotch at the base, stigma capitate and the appendix dark purple in the lower half and white- in the- upper half. In the typical variety, the tube is green with paler longitudinal stripes, becoming white near the mouth. The limb is almost at right angles to tin- lube and while with translucent veins and a cherry-red cross band at the base (except at the rear), and the appendix is green suffused with purple.

Flowering and fruiting: June – Oct.

Distribution: Endemic to Maharashtra- Pune and Nasik district.

Reported Localities: Pune – (Ganesh Khind in Junnar taluka , Junnar-khangaon road, Bhimashankar,) Nasik (Peint Taluka, Trimbak, near Lagnastambha temple.)

Ecology: Teak forest on hill slopes and in crevices and near boulders. Altitude ranges between 600-1200m above sea level.

Association: No specific plant association is observed. However, grows among bushes like *Ampelocissus latifolius*, *Artemisia* sp *Curcuma pseudomontana*, *Dioscorea oppositifolia*, *Gloriosa superba*, *Habenaria foliosa* var. *foetida*, etc.



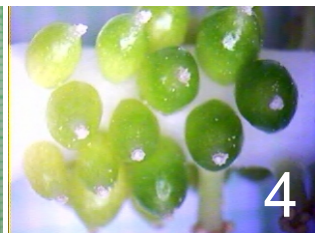
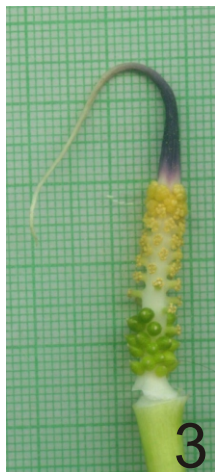
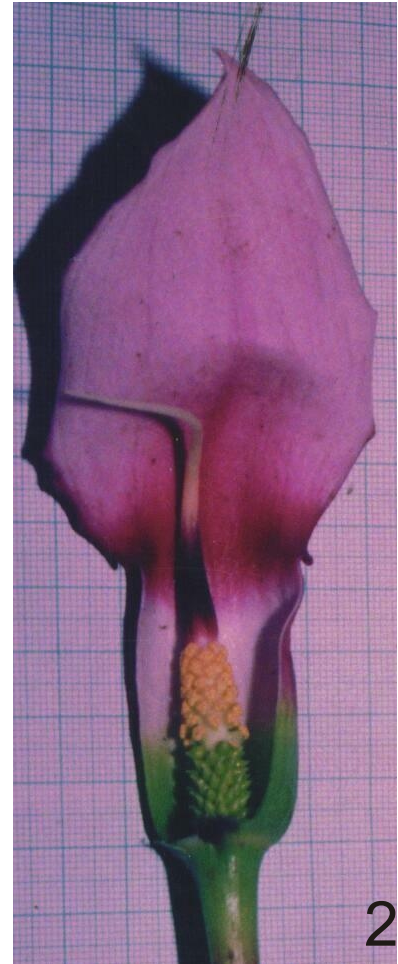
Haritarium

Family Code: 527

Species code: 9 - 4B

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***Arisaema murrayi* (Grah.) Hook. var. *Sonubeniae* P. Tetali, Punekar & Lakshmin.**



1. Habit, 2. Spathe, 3. Spadix, 4., 6., 7. & 9. Gynoecium, 5. & 8. Anthers.



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Species code: 9 - 4C

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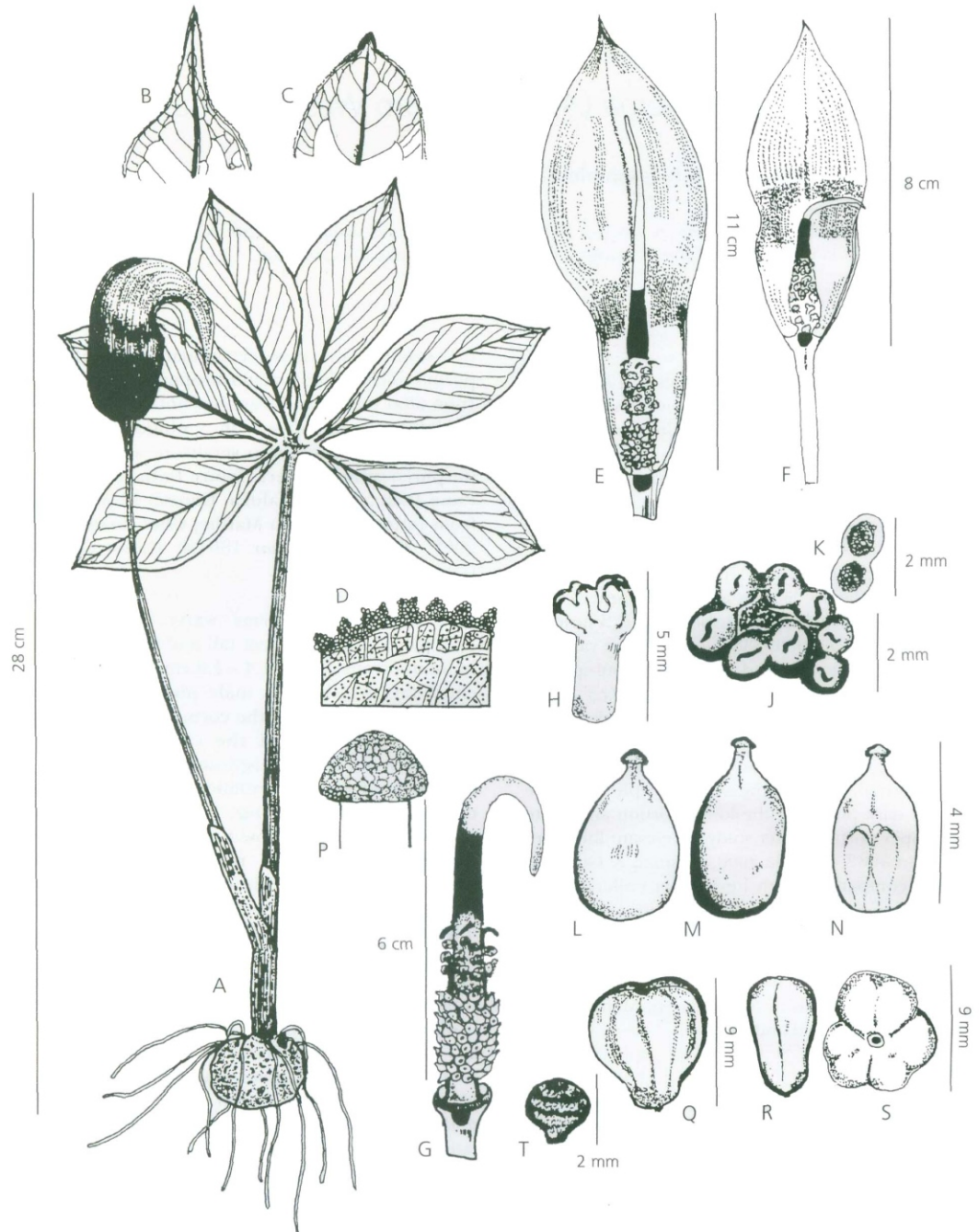
Haritarium

Family Code: 527

Species code: 9 - 4D

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A. Habit, B.&C. Leaflet apex, D. Leaflet margin, E. Androgynous spadix, F. Staminate spadix, G. Spadix, H. Stamen, J. &K. Anther lobes, L., M., & N. Gynoecium, P. Stigma, Q. & R. Fruit, S. Upper view of fruit, T. Seed.



Haritarium

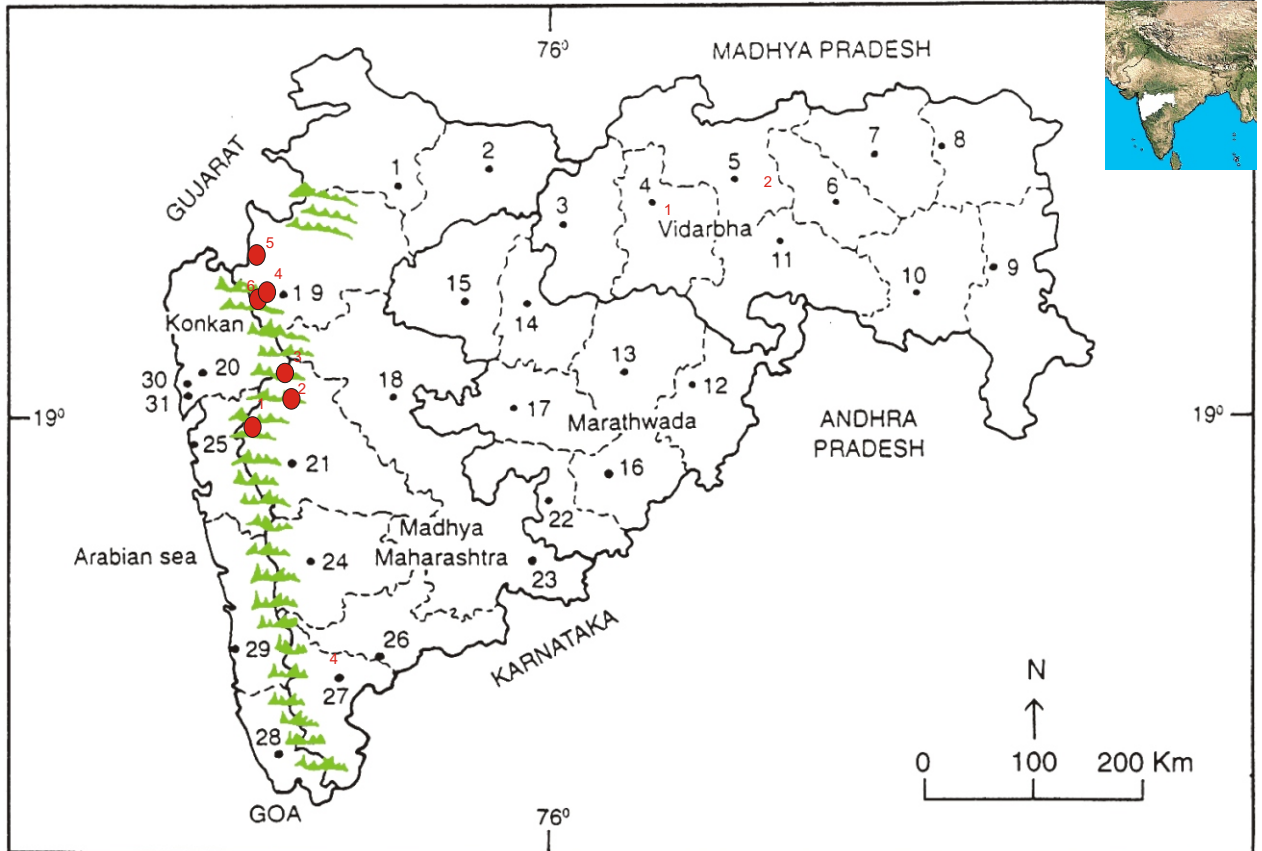
Family Code: 527

Species code: 9 - 4E

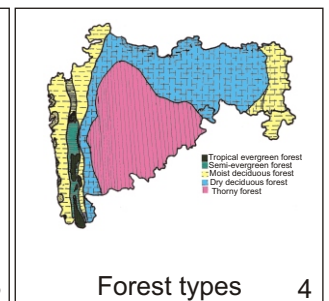
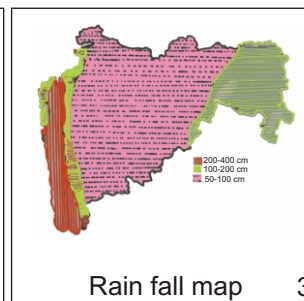
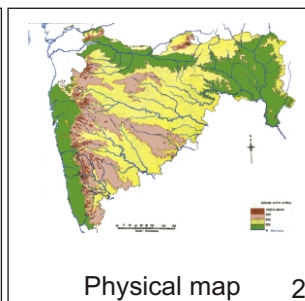
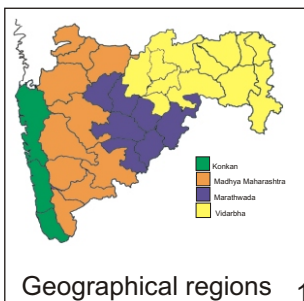
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Location map



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- ●

A.Pune (1.Bhimashankar, 2.Ganesh Khind in Junnar taluka ,3.Junnar-khangaon road,)B. Nasik (4. Near Lagnastambha temple, 5.Peint Taluka, 6. Trimbak)

Geographical distribution:

Latitude (DMS): Between 19^o 58'- 18^o 31' N & Longitude (DMS): 73^o 25'-73^o 75'E;



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References:

- P. Tetali, S. A. Punekar & P. Lakshminarasimhan (2004): A new variety of *Arisaema* (Araceae) from Western Ghats of India, *Kew Bulletin*, **59**:483-487