



Haritarium

Family Code: 558

Species code: 10 - 4A

Naoroji Godrej Centre for Plant Research

Drimia razii Ansari

Botanical name: *Drimia razii* Ansari

Vernacular name: -

Family: Hyacinthaceae

Threatened category: **Rare** (Nayar & Sastry, 1987), **Critically endangered** (Mishra & Singh, 2001), **Vulnerable** (Gaikwad & Yadav, 2004).

Key characters: Underground tunicated bulb; annual scape simple, naked. Leaves hysteranthus, narrowly linear, grooved at base. Perianth dull brownish, tinged with orange. Anthers orange yellow, filaments longer than anthers, Style longer than ovary, ovary up to 3mm long.

Description: Scapigerous bulbous herbs; bulbs 5-8 X 3-4 cm, ovate or subglobose. Leaves 20-25 X 0.2 – 0.3 cm, hysteranthus, narrowly linear, grooved at base. Scapes up to 15 cm long, terete, shorter than leaves, dense, 10- 25 flowered. Flowers dull brownish, perianth 6, in two whorls of three each, lobes reflexed; bracts 1- 1.5 mm long, spurred, evanescent. Pedicels 0.5-1.0 cm long. Stamens up to 7 mm long, filaments broad towards base. Ovary up to 3mm long, ovate, stigma trilobed, obconic, bearded at apex. Capsules 0.7 – 1.0 cm long, elliptic-ovate, trilocular. Seeds black, 5-7 mm long, ovate or subglobose, winged.

Flowering and fruiting: March – June.

Distribution: Endemic to Maharashtra- Pune & Satara districts.

Reported Localities: Pune -Dive Ghat, Satara - Khambataki Ghat.

Ecology: Extremely rare. Found on exposed rocky areas and gravely hill slopes in low rainfall regions. Population size is very small, less than 100 individuals. Individuals are sparsely distributed. We could locate the species only once in Khambataki Ghat. The natural habitat in both the localities is adjoining to highways. Road expansion activity already destroyed their habitat partially. Flowering initiation takes place with the onset of summer. Flowers remain open between 9 am – 6 pm. Dipteran flies are pollinators and they visit the flowers between 10am – 12 pm. Altitude ranges between 600-600m above sea level.

Association: No specific plant association is observed..



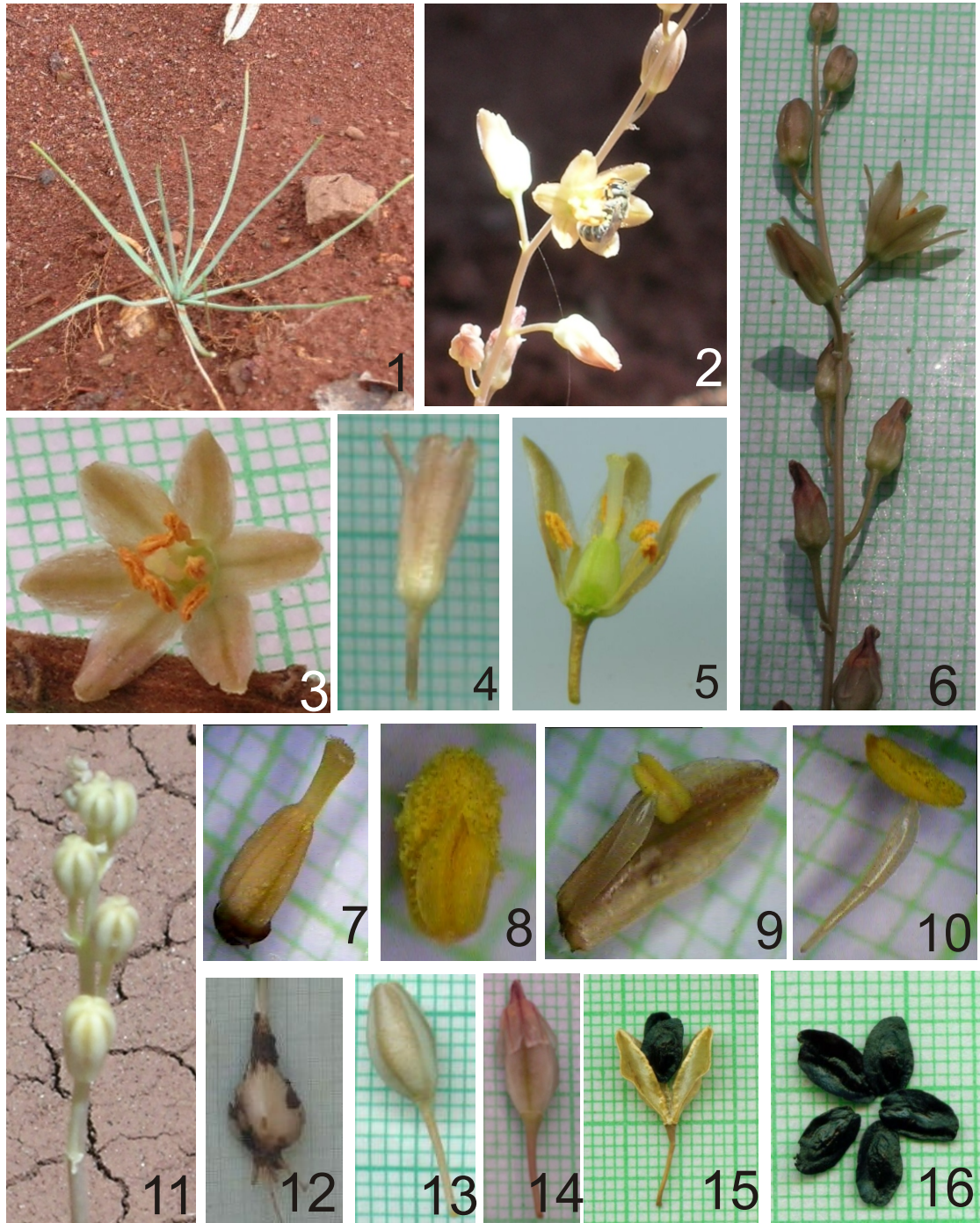
Haritarium

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Species code: 10 - 4B

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***Drimia razii* Ansari**



1. Habit, 2. Pollinator, 3.& 4. Flower, 5. Dissected flower, 6.& 11. Inflorescence, 7. Gynoecium, 8. Anther, 9. Anther with perianth, 10. Stamen, 12. Bulb, 13.& 14. Capsule, 15. Dehiscent capsule, 16. Seeds.



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Species code: 10 - 4C

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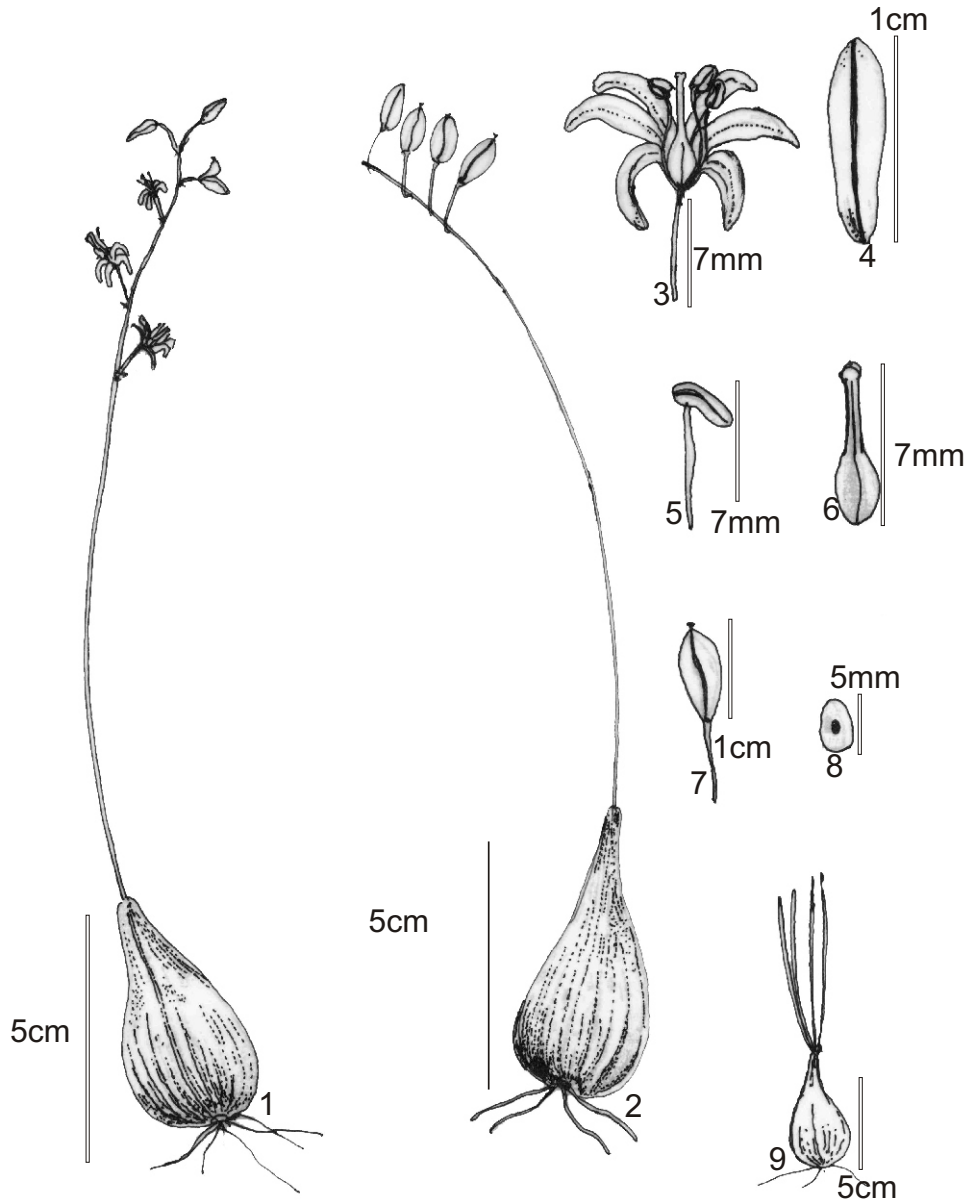
Haritarium

Family Code: 558

Species code: 10 - 4D

Naoroji Godrej Centre for Plant Research

***Drimia razii* Ansari**



1. & 2. Habit , 3. Dissected flower , 4. Petal , 5. Anther, 6. Gynoecium, 7. Capsule, 8. Seed. 9. Seedling.



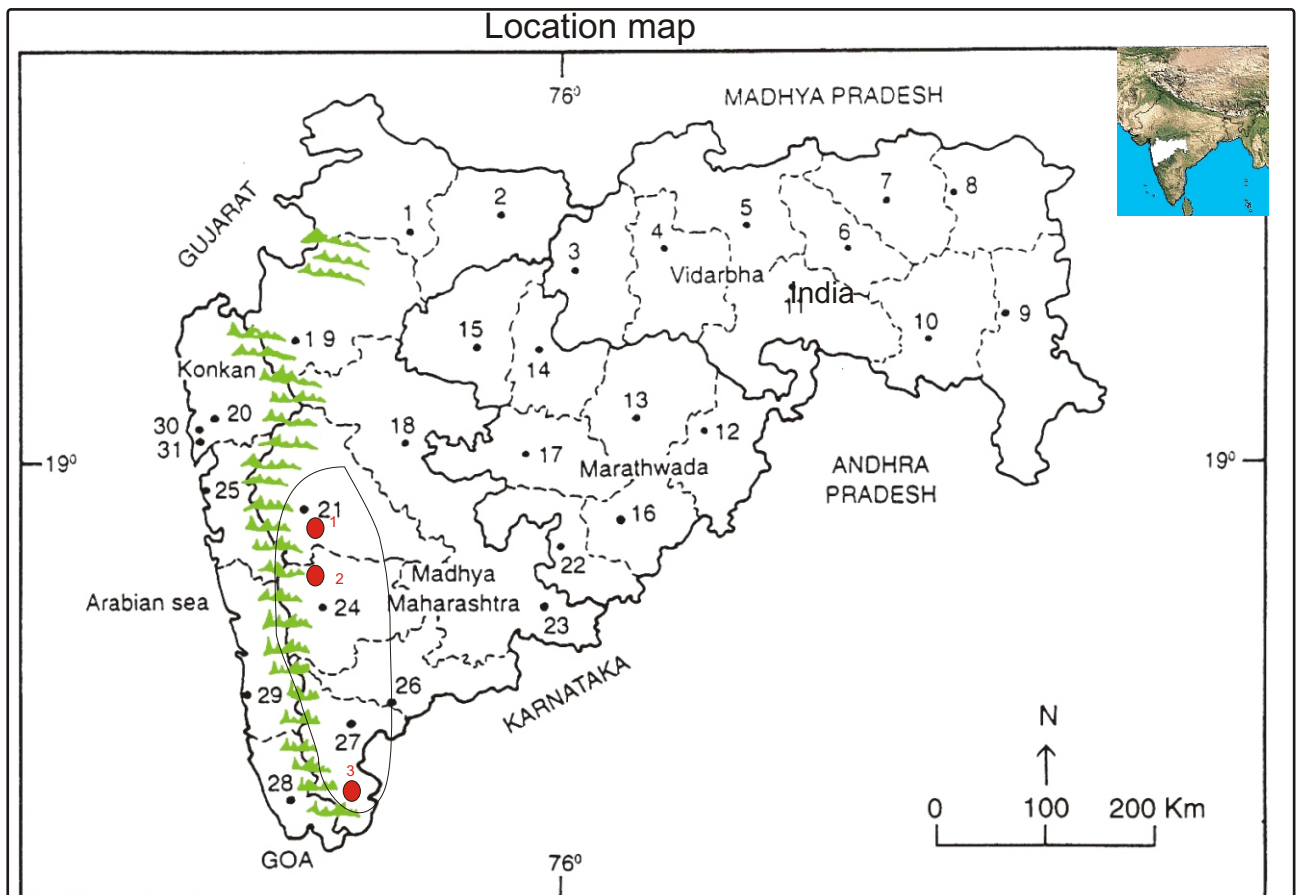
Haritarium

Family Code: 558

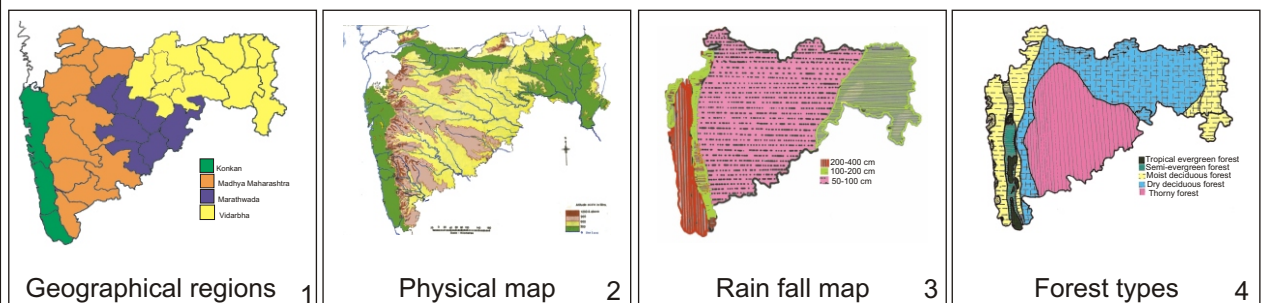
Species code: 10 - 4E

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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- ●

A. Pune (1-Dive Ghat), B. Satara (2-Khamataki ghat), C. Kolhapur (3- Nesari).

Geographical distribution:

Latitude (DMS): Between $18^{\circ} 31'$ - $16^{\circ} 41'$ N & Longitude (DMS): $73^{\circ} 52'$ - $74^{\circ} 13'$ E;



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Species code: 10 - 4F

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