



Haritarium

Family Code: 456

Species code: 5 - 1A

Naoroji Godrej Centre for Plant Research

Eriolaena quinquelocularis Wight

Botanical name: *Eriolaena quinquelocularis* Wight
(=*Microchlaena quinquelocularis* Wight & Arn)

Family: Sterculiaceae

Vernacular name: Badjar-dhaman, Bothi, Buti, Varing.

Threatened category: Endemic to India

Key characters: Trees, Flowers yellow, Petals 5, Staminodes absent, Involucral bracts entire or toothed.

Description: Small trees about 5-7 m tall, herbaceous portions stellate-hairy. Leaves 7-20 X 5-15 cm, orbicular, cordate at base, acute to subacuminate at apex, coarsely crenate- serrate, dotted with small tuft of stellate hairs above, softly tomentose beneath, nerves 7 at base, raised beneath; petioles up to 9 cm long, tomentose when young, becoming glabrous at length; stipules caduceous. Flowers 5 cm across, yellow solitary or 2-5, in short racemes, Peduncles often longer than leaves. Pedicels 2-3 cm long. Involucral bracts short, entire caducous. Sepals 15-20 X 3-4 mm, linear-lanceolate, acute, pubescent on both surfaces, glandular at base inside. Petals 16-20 X 2-8 mm, obovate-oblong, claw densely pubescent on both surfaces, deflexed between the sepals. Staminal column 1 cm long with linear-oblong anthers irregularly arranged towards the apex. Ovary lobed; styles longer than staminal columns; stigmas 5 lobed, lobes revolute. Capsule woody about 3.5 cm long, pointed. Seeds numerous, winged.

Flowering and fruiting: April – July.

Distribution: India- Bihar, Rajasthan, Maharashtra, Karnataka, Tamil Nadu and Kerala.

Localities: Akola, Bombay, Dhule, Jalgaon, Kolhapur, Nagpur, Nasik, Pune, Satara, Sindhudurg, and Thane.

Ecology: At open places, In moist deciduous forests.

Association: *Eriocarpus* spp.



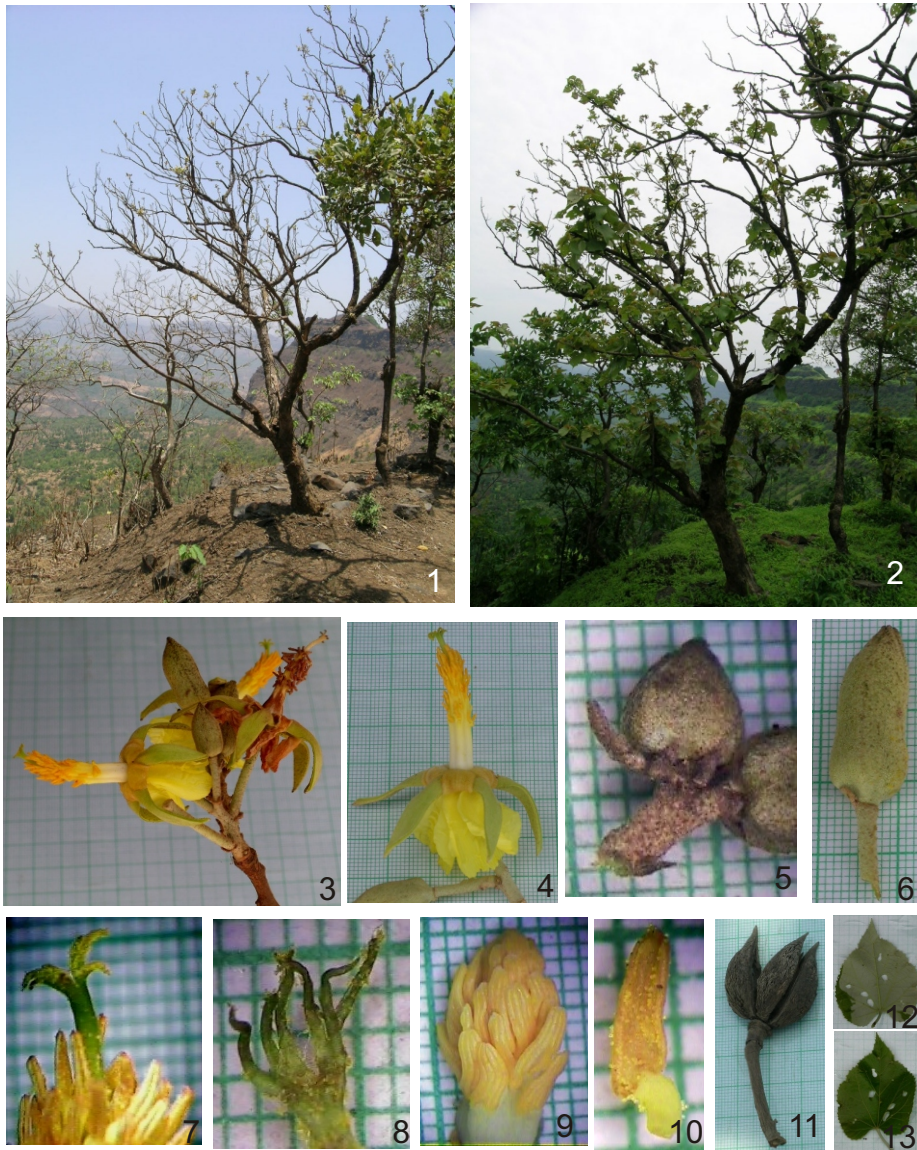
Haritarium

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Species code: 5 - 1B

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1.&2. Habit, 3. Inflorescence, 4. Flower, 5. Flower bud with involucre (entire), 6. flower bud, 7. Staminal column, 8. Stigma (6 lobed) 9. Anthers, 10. Single anther, 11. Capsule, 12. Leaf - Dorsal view, 13. Leaf- Ventral view..



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Species code: 5 - 1C

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***Eriolaena quinquelocularis* Wight**





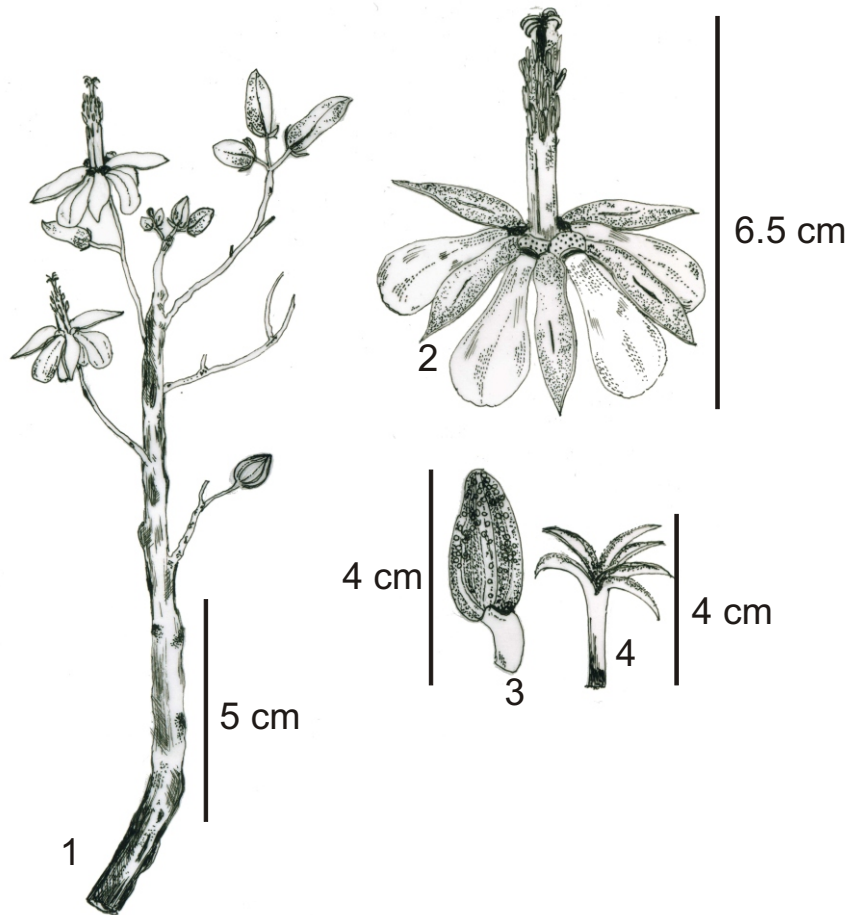
Haritarium

Family Code: 456

Species code: 5 - 1D

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***Eriolaena quinquelocularis* Wight**



1. Flowering branch, 2. Flower, 3. Anther, 4. Stigma



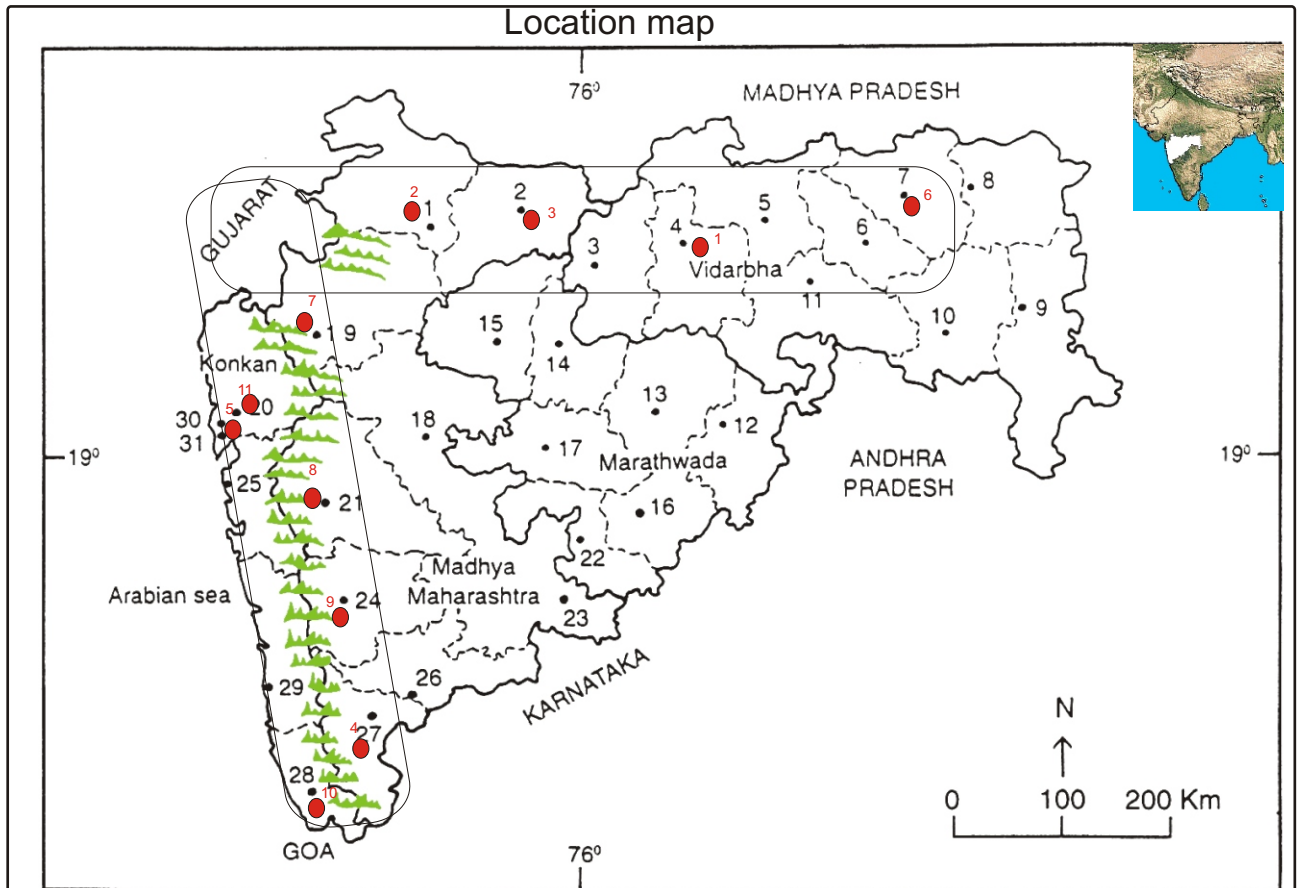
Haritarium

Family Code: 456

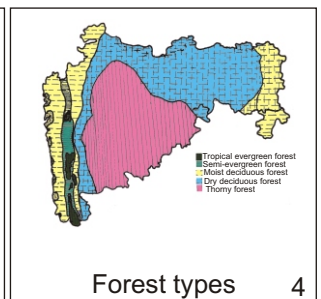
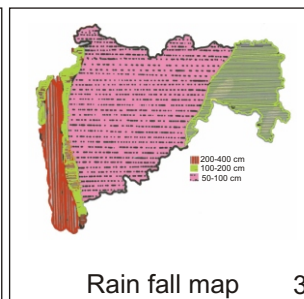
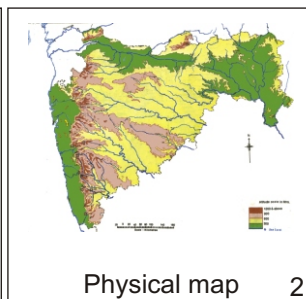
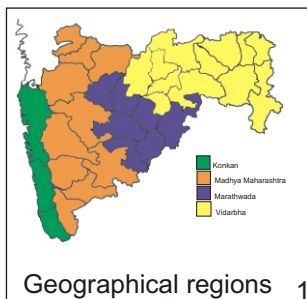
Species code: 5 - 1E

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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- ●

1. Akola, 2. Dhule, 3. Jalgaon, 4. Kolhapur, 5. Mumbai, 6. Nagpur, 7. Nasik,
 8. Pune, 9. Satara, 10. Sindhudurg, 11. Thane.

Geographical distribution in Maharashtra:

Latitude (DMS): Between 21° 53' - 17° 49' N & Longitude (DMS): 72° 58' - 79° 05' E.



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References:

Cooke. T (1904): **Flora of Presidency of Bombay**. Vol.1: 140. (rep. Ed.1958)

Gaikwad S.P. & S.R. Yadav(2004): in T. Pullaiah (ed.)Endemic flowering plant species of Maharashtra and their possible utilization; **Biodiversity in India**, Regency publications, New Delhi:44.

Hooker, J.D. *et al.*(1890):**The flora of British India**. London. Vol.1: 371.

Malick, K.C. & B.Safui. (1982): A review of the androecium in Sterculiaeeae with a key to the genera. *Bull. Bot. Surv. India* 22: 213 -216.

Malick, K.C. (1993): In Sharma *et al.* **Fl. India** ,Vol. 3: . B.S.I., Calcutta: 418.

Santapau, H. (1955): *Rec. Bot. Surv. India* 16(1): 167 (3rd rev.ed.).

Singh N.P. & S. Karthikeyan (2000):(eds), **Flora of Maharashtra state, Dicotyledones**.Vol. 2: . B.S.I., Calcutta:77.

Tetali, *et al.* (2000): **Endemic Plants of India (A Status Report of Maharashtra State)**. Naoroji Godrej Centre for Plant Research, Shirwal: 16.