



Haritarium

Family Code: 570

Species code: 10 - 4A

Naoroji Godrej Centre for Plant Research

Vigna khandalensis(Santapau) Sundararagh. & Wadhwa

Botanical name: *Vigna khandalensis* (Santapau) Sundararagh. & Wadhwa
(=*Phaseolus khandalensis* Sant., = *P. grandis* Dalz.)

Family : Fabaceae (Papilionaceae)

Vernacular name: Badmung

Key characters: Plants erect, Stamens diadelphous, pods strap shaped, style bearded below stigma, stigma terminal, Stipules prolonged below the point of insertion; keel erect, incurved, rarely with 1 complete spiral turn; style ending beyond stigma in a more or less distinct beak.

Description: Large herbs or undershrubs, upto 1.5 m high Sstem strigosely hairy, 5 angled . Leaflets. Deltoid, broadly ovate, terminal ones 3 lobed, laterals frequently 2 lobed, appressedly hairy 7-13 X 5.5 –14.0 cm. Flowers yellow, in axillary spicate racemes, 15-20cm long. Pods brownish, cylindric, hirsute, 4.0 – 5.5 X 0.3 – 0.5 cm. Seeds black or dark brown, 8-10.

Flowering and fruiting: September – October.

Distribution: India- Endemic to Western Ghats.

Reported Localities: Ahmednagar, Mumbai, Nasik, Pune, Raigad, Satara districts.

Ecology: Common on open, degraded hill slopes, fallow lands, edges of forests. Preferential altitude ranges between 600-1200m above sea level. However, it can be cultivated even at lower altitudes. Young pods are edible.

Association: No specific plant association is observed.



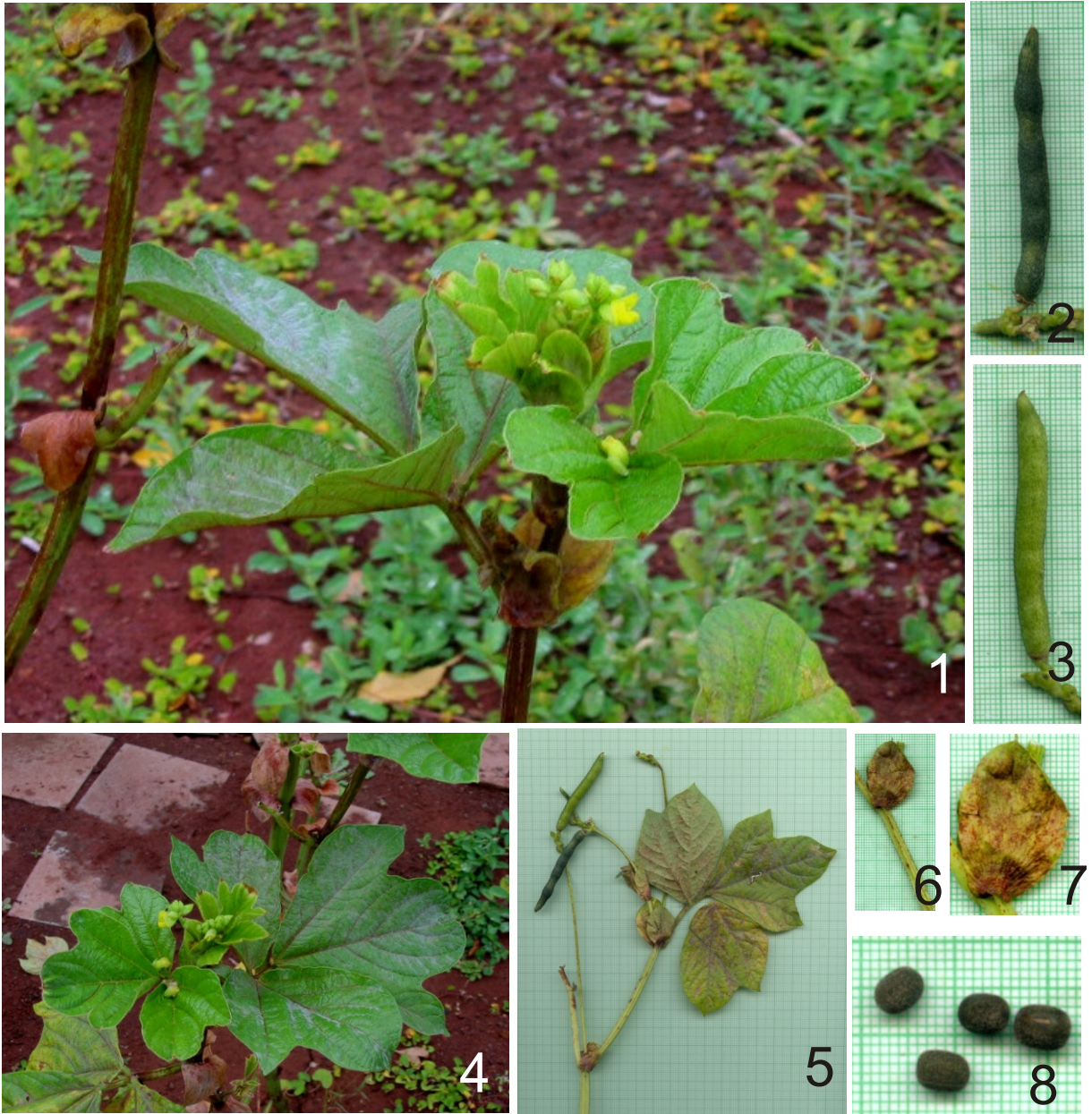
Haritarium

Family Code: 570

Species code: 10 - 4B

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1.Habit,2Innflorescence3. flower, 6.Flower with anther separate



Haritarium

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Species code: 10 - 4C

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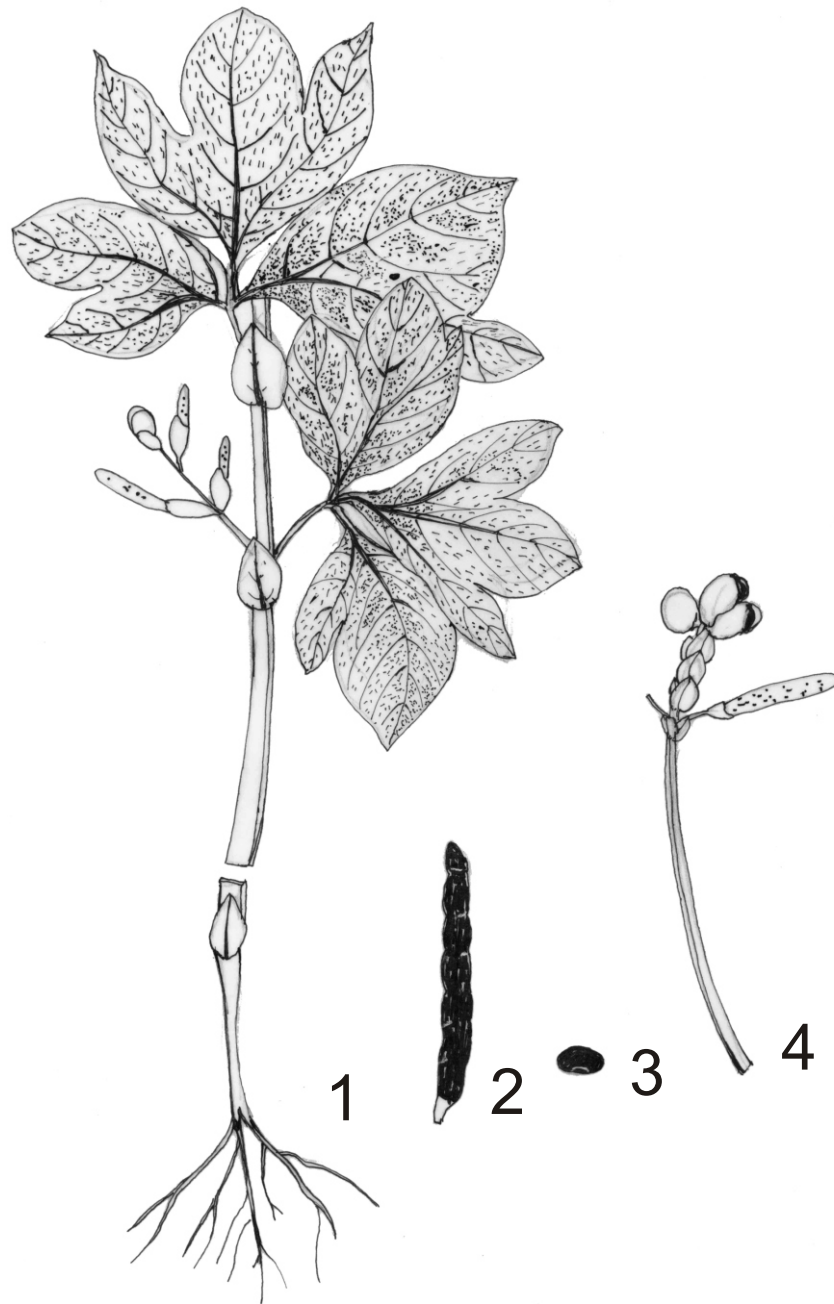
Haritarium

Family Code: 570

Species code: 10 - 4D

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Vigna khandalensis (Santapau) Sundararagh. & Wadhwa



1. Habit, 2. Pod, 3. Seed. 4. Dissected flower, 4. Inflorescence.



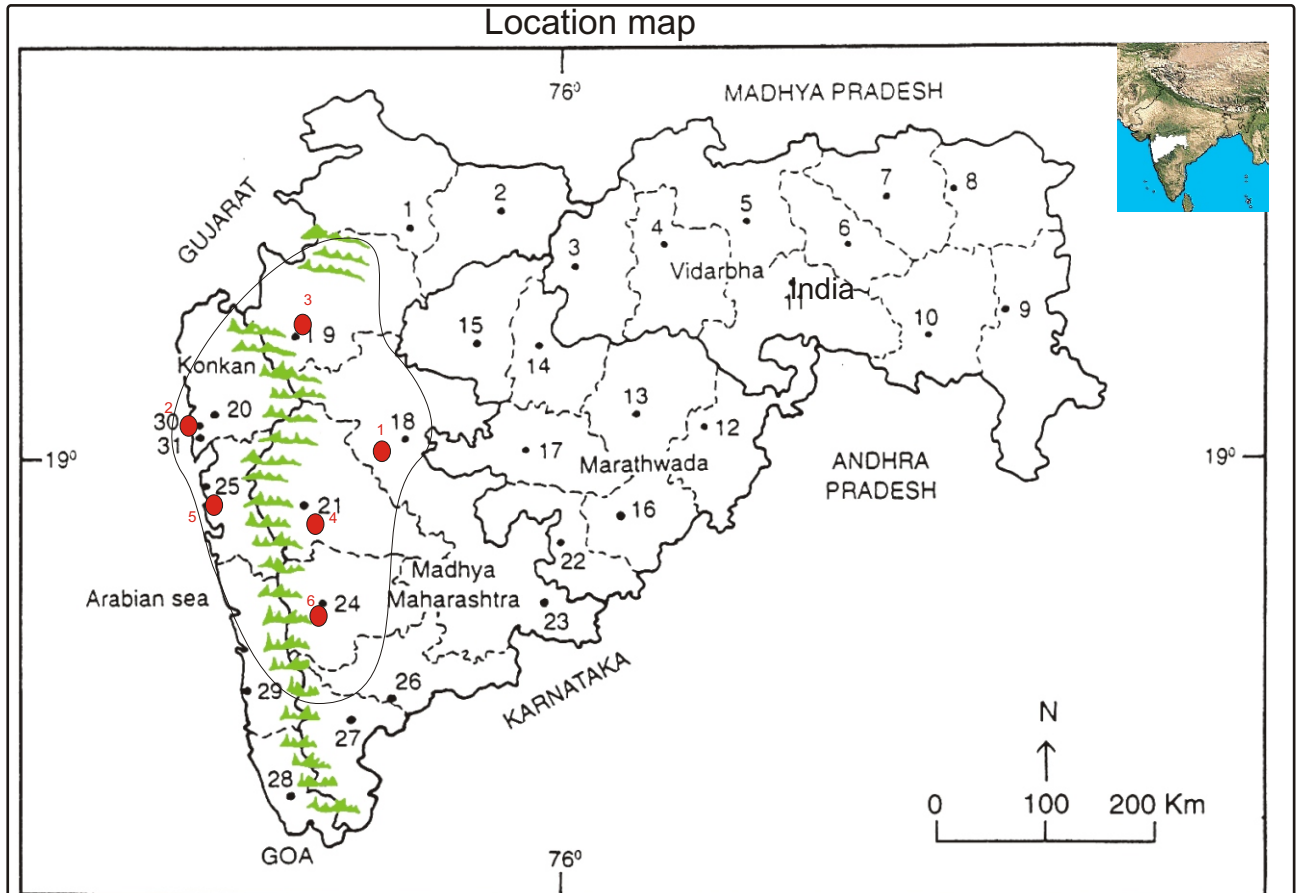
Haritarium

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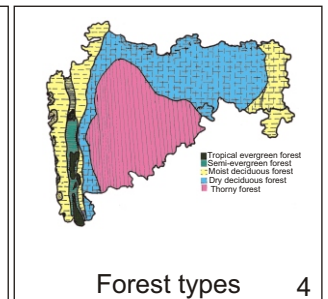
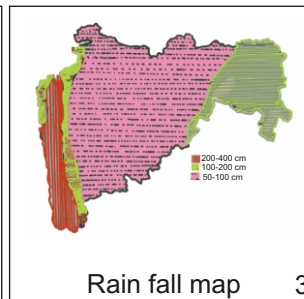
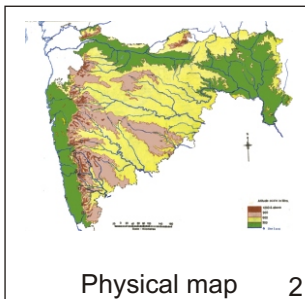
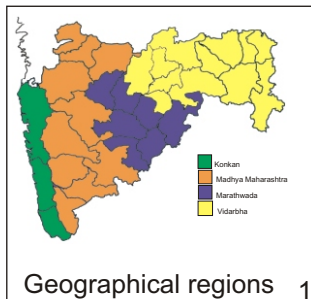
Species code: 10 - 4E

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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- ●

1.Ahmednagar, 2.Mumbai, 3. Nasik, 4. Pune, 5. Raigad, 6. Satara.

Geographical distribution:

Latitude (DMS): Between 16⁰ - 18⁰ 31' N & Longitude (DMS): 73⁰ 50'-74⁰ .5' E;



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References:

Cooke. T (1904): **Flora of Presidency of Bombay**. Vol.1:400.(rep. Ed.1967)

Hooker, J.D. *et al.*(1885):**The flora of British India**. London. Vol.2: 202.

Raghavan & Wadhwa (1972): *Curr. Sci.* 41:429.

Sanjappa (1991): Legumes of India : B.S.I.Calcutta:274.

Santapau(1948): Kew Bull. 276.

Singh N.P. & S. Karthikeyan (2000):(eds), **Flora of Maharashtra state, Dicotyledones**.Vol. 1: . B.S.I., Calcutta:760.

Tetali, *et al.* (2000): **Endemic Plants of India (A Status Report of Maharashtra State)**. Naoroji Godrej Centre for Plant Research, Shirwal: 27.