

Species Datasheet

Datasheet No. A-140.033.002
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Pterocarpus indicus* Willd.

Subspecies:

Variety:

Cultivar:

Hybrid:

Image file

2. Synonyms: *Lingoum echinatum* (Pers.) Kuntze, *L. indicum* (Willd.) Kuntze, *L. rubrum* Rumph., *L. saxatile* Rumph., *L. wallichii* Pierre, *Pterocarpus blancoi* Merr., *P. carolinensis* Kaneh., *P. casteelsi* var. *ealaensis* Hauman, *P. draco* sensu auct., *P. echinata* Pers., *P. indica* Willd., *P. klemmei* Merr., *P. obtusatus* Miq., *P. pallidus* Blanco, *P. papuana* F. Muell., *P. papuanus* F. Muell., *P. pubescens* Merr., *P. vidalianus* Rolfe, *P. wallichii* Wight & Arn., *P. zollingeri* Miq.

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: Fabales
- Family: Fabaceae
- Genus: *Pterocarpus* Jacq.
- Species: *P. indicus* Willd.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Polypetalae
Series: Calyciflorae
Cohors: Rosales Bercht. & J. Presl
Ordo: Leguminosae Juss.
Subordo: Papilionaceae Giseke
Genus: *Pterocarpus* Jacq.
Species: *P. indicus* Willd.

4. Distribution:

Global: Bismarck Archipelago, Brunei, Cambodia, China, East Timor, Fiji, Guangdong, Hawaii, India, Indonesia, Irian Jaya, Java, Kalimantan, Kenya, Lesser Sunda Is, Malaysia, Moluccas, Mozambique, Myanmar, Northern Marianas, Papua New Guinea, Peninsula Malaysia, Philippines, Ryukyu Is, Sabah, Sao Tome & Principe, Sarawak, Sierra Leone, Singapore, Society Is, Solomon Is, Sri Lanka, Sulawesi, Sumatra, Taiwan, Tanzania, Thailand, Vietnam, Yunnan, Zaire

India: Maharashtra, Tamil Nadu, West Bengal

5. Indigenous/Exotic/Endemic; Cultivated/Wild: Wild

6. Threat Status:

IUCN: Vulnerable

BSI:

7. Habit and Habitat: Widespread tree found in lowland primary and some secondary forest, mainly along tidal creeks and rocky shores.

8. Life Form: Phanerophytes

9. Economic Importance: Timber

10. Probable Progenitor of:

11. DNA

C-value

Methodology

12. Basic chromosome number(s):

13. Zygotic chromosome number(s): $2n=20^4$

14. Gametic chromosome number(s):

15. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene chromosomes/Neocentric chromosomes):

Image file

16. Ploidy level:

Image file

17. Agametoploidy:

18. Nature of polyploidy (auto, segmental, allo, autoallo):

19. Genomic formula:

20. Aberrant chromosome number(s) (aneuploidy, aneusomy, polysomy):

21. Somatic chromosomes:

Karyotype

Chromosome size

NOR chromosome(s)

Degree of asymmetry

Image file

22. Banding pattern(s):

Image file

23. Physical mapping of chromosomes:

In situ hybridization

Image file

Fluorescent in situ hybridization

Image file

24. Genomic in situ hybridization:

Image file

25. Linkage map:

Image file

26. Chromosome associations:

Female meiosis

Male meiosis

Image file

27. Chromosome distribution at anaphase I:

28. Genetic diversity:

Chromosomal level

Image file

DNA level

29. Any other information (Apoixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stainability; Translocations etc):