

**Genus Datasheet**  
**DBT- Network Programme**

**Datasheet No. A-140.033**  
(Family.Genus)

**1. Genus:***Pterocarpus*Jacq.

**3. Systematic Position:**

**APG IV (2016)**

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: FabalesBromhead
- Family: Fabaceae Lindl.
- Genus: *Pterocarpus*Jacq.

**Bentham and Hooker (1862)**

Kingdom: Plantae  
Division:Phanerogamia  
Class: Dicotyledons  
Subclass: Polypetalae  
Series: Calyciflorae  
Cohors: RosalesBercht. & J. Presl  
Ordo: Leguminosae Juss.  
Subordo: PapilionaceaeGiseke  
Genus: *Pterocarpus*Jacq.

**3. Species:**

**Global:66**

**India:5**

**4. Taxonomic riddles:**

**5. 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,Nepal, Papua New Guinea, Peninsular Malaysia, Philippines, Ryukyu Is, Sabah, Sao Tome & Principe, Sarawak, Sierra Leone, Singapore, Society Island, Solomon Island, Sri Lanka, Sulawesi, Sumatra, Taiwan, Tanzania, Thailand, Vietnam, Yunnan, Zaire.

**India:**Andaman Island, Andhra Pradesh, Bihar, Goa, Gujarat, Karnataka, Kerala, Madagascar, Madhya Pradesh, Maharashtra,Maldives, Mauritius, Orissa, Rajasthan, Tamil Nadu, Uttar Pradesh, West Bengal

**6. Habit and Habitat:**A widespread tree found in lowland primary and some secondary forest, mainly along tidal creeks and rocky shores.

**7.Economic Importance:***Peerocarpusindic* is an economically important legume timber species. The wood of several species including *P. angolensis* DC. (African teak, bloodwood, Kiaat, muninga) and *P. soyauxii* Taub. are highly valued and used for fine furniture, cabinet making, paneling, joinery, musical instruments, implements and curios. The resin supplies dyes (e.g., *P. tinctorius* Welw.), other uses are in revegetation and soil improvement, as shade trees, ornamentals, cosmetics and baskets (from the inner bark)

**8. DNA content range:**

**Methodology**

**9. Basic chromosome number(s):**

**10. Zygotic chromosome number(s):**  $2n=22^{1,2}$  ,  $2n=44^3$  ,  $2n=20^4$

**11. Gametic chromosome number(s):**

**12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene Chromosomes/  
Neocentric chromosomes):**

**13. Ploidy level:**

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

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

**16. Karyograms:**

**Meiosis:**

**17. Banding pattern(s):**

**18. Physical mapping of chromosomes:GISH:**

**19. Phylogenetic relationship at Chromosomal; DNA level:**

**20. Cytogenetic mechanism (s) underlying evolution:**

**21. Linkage map:**

**22. Any other information:**Chromosome number not reported in the following taxa:

*Pterocarpus dalbergioides* DC

*Pterocarpus marsupium* Roxb. *subsp. acuminatus* (Prain) Thoth