

# Species Datasheet

Datasheet No. A-140.033.006  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

**Species** *Pterocarpussantalinus* L.f.

Subspecies

Variety

Cultivar

Hybrid

Image file

**2. Synonyms:** *Lingoum santalinum* (L. f.) Kuntze

## 3. Systematic Position:

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: FabalesBromhead
- Family: FabaceaeLindl.
- Genus: *Pterocarpus*Jacq.
- Species: *P. santalinus*L.f.

### Bentham and Hooker (1862)

Kingdom: Plantae  
Division: Phanerogamia  
Class: Dicotyledons  
Subclass: Polypetalae  
Series: Calyciflorae  
Cohors: RosalesBercht. & J. Presl  
Ordo: LeguminosaeJuss.  
Subordo: PapilionaceaeGiseke  
Genus: *Pterocarpus*Jacq.  
Species: *P. santalinus*L.f.

## 4. Distribution:

**Global:** India, China, Sri Lanka, Taiwan

**India**

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

**6. Threat Status:**

**IUCN**

**BSI**

**7. Habit and Habitat:** Tree

**8. Life Form:** Perennial

**9. Economic Importance:**

**10. Probable Progenitor of:**

**11.DNA**

**C-value                      Methodology**

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

**13. Zygotic chromosome number(s):**

**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, aneusomaty, polysomaty):**

**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 (Apomixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stainability; Translocation etc.):**