

# Final Species Datasheet JamU+CalU+SUK-Phase I

Datasheet No. A-253.002.005  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species:*Hopeajacobi*C. E. C. Fischer

Subspecies

Variety

Cultivar

Hybrid

Image file

## 2. Synonyms:

## 3. Systematic Position:

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicot
- Clade: Rosids
- Clade: Malvids
- Order: MalvalesJuss.
- Family: Dipterocarpaceae Blume
- Genus:*Hopea*Roxb.
- Species: *H. jacobi*C. E. C. Fischer

### Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Polypetalae
- Series: Thalamiflorae
- Cohors: Guttiferales
- Ordo:Dipterocarpaceae Blume
- Genus:*Hopea*Roxb.
- Species:*H.jacobi*C. E. C. Fischer

## 4. Distribution:

**Global:**India

**India:** Karnataka, Kerala

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

## 6. Threat Status:

IUCN: Critically endangered

BSI:

## 7. Habit and Habitat:Tree; evergreen forests

## 8. Life Form:Phanerophyte

## 9. Economic Importance:Wood is a good timber

## 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, 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 (Apomixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stainability; Translocations etc):**