

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

Datasheet No. A-240.001.007  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species: *Acer laurinum* Hassk.

Subspecies

Variety

Cultivar

Hybrid

Image file

**2. Synonyms:** *Acer cassiifolium* Blume, *A. chionophyllum* Merr., *A. curranii* Merr., *A. decandrum* Merr., *A. javanicum* Jungh., *A. laurinum* subsp. *decandrum* (Merr.) A.E.Murray, *A. laurinum* var. *petelotii* Phamhoang, Ho, *A. macropterum* T.Z. Hsu & H. Sun, *A. niveum* Blume, *A. niveum* f. *cassiifolium* (Blume) Schwer., *A. niveum* f. *laurinum* (Hassk.) Schwer., *A. niveum* var. *cassiifolium* (Blume) Miq., *A. philippinum* Merr., *A. pinnatinervium* Merr.

## 3. Systematic Position:

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superrosids
- Clade: Rosids
- Order: Sapindales Juss. Ex Bercht. & J. Presl
- Family: Sapindaceae Juss.
- Genus: *Acer* L.
- Species: *A. laurinum* Hassk.

### Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Polypetalae
- Series: Disciflorae
- Cohors: Sapindales Juss. Ex Bercht. & J. Presl
- Ordo: Sapindaceae Juss.
- Genus: *Acer* L.
- Species: *A. laurinum* Hassk.

## 4. Distribution:

**Global:** India, Malesia, Indonesia, Phillipines

**India:** Eastern Himalaya, Assam, Arunachal Pradesh

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

## 6. Threat Status:

**IUCN:** Least concern

**BSI:**

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

## 8. Life Form: Phanerophytes

## 9. Economic Importance: Wood is considered to be good for making poles

## 10. Probable Progenitor of:

## 11. DNA

C-value

Methodology

## 12. Basic chromosome number(s):

## 13. Zygotic chromosome number(s):

## 14. Gametic chromosome number(s) $n=13^{3,4}$

## 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; Translocation etc):**