

# Species Datasheet

Datasheet No. A-076.013.028  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species *Calamus tenuis* Roxb.

Subspecies

Variety

Cultivar

Hybrid

Image file

**2. Synonyms:** *Calamus amarus* Lour., *C. heliotropium* Buch.-Ham. ex Kunth, *C. horrens* Blume, *C. royleanus* Griff., *C. stoloniferus* Teijsm. & Binn., *Palmijuncus amarus* (Lour.) Kuntze, *P. heliotropium* (Buch.-Ham. ex Kunth) Kuntze, *P. horrens* (Blume) Kuntze, *P. royleanus* (Griff.) Kuntze, *P. tenuis* (Roxb.) Kuntze, *Rotang royleanus* (Griff.) Baill.

## 3. Systematic Position:

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Clade: Commelinids
- Order: Arecales Bromhead
- Family: Arecaceae Bercht. & J. Presl
- Genus: *Calamus* L.
- Species: *C. tenuis* Roxb.

### Bentham and Hooker (1862)

Kingdom: Plantae  
Division: Phanerogamia  
Class: Monocotyledones  
Series: Calycinae  
Ordo: Palmae Juss.  
Genus: *Calamus* L.  
Species: *C. tenuis* Roxb.

## 4. Distribution:

**Global:** Uttarakhand to Indo-China, Sumatra to Jawa

**India:** North-east and North-central India

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

## 6. Threat Status:

IUCN:

BSI:

## 7. Habit and Habitat:

 Climbing Palm. Tropical Moist Forest

## 8. Life Form:

 Phanerophytes

## 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. Agameteoploidy

## 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**<sup>15</sup>

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