

# Species Datasheet

Datasheet No. A-076.013.008  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species *Calamus floribundus* Griff.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. **Synonyms:** *Calamus mishmeensis* Griff., *Palmijuncus floribundus* (Griff.) Kuntze, *P. mishmeensis* (Griff.) Kuntze

## 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. floribundus* Griff.

### Bentham and Hooker (1862)

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

## 4. Distribution:

**Global:** East Himalaya to North Myanmar

**India:** Assam, Meghalaya, Arunachal Pradesh

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

## 6. Threat Status:

**IUCN:**

**BSI:**

7. **Habit and Habitat:** Climbing Palm. Grows in moist forests of the plains and lower hill valleys.

8. **Life Form:** Phanerophyte

9. **Economic Importance:** Used for tying; fruits edible.

## 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:**

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**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):**