

# Species Datasheet

Datasheet No. A-076.013.029  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species *Calamus thwaitesii* Becc.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms: *Calamus thwaitesii* var. *canaranus* Becc.

## 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. thwaitesii* Becc.

### Bentham and Hooker (1862)

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

## 4. Distribution:

**Global:** Sri Lanka, India

**India:** Kerala, Tamil Nadu, Karnataka, Goa, Maharashtra

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

## 6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Climbing Palm. Evergreen, semi-evergreen and moist deciduous forest at 100-900m elevation.

8. Life Form: Phanerophyte

9. Economic Importance: Used in furniture making and basketry

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, 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** 16, 18, 19

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