

# Species Datasheet

Datasheet No. A-076.009.001  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species: *Daemonorops jenkinsianus* (Griff.) Mart.

Subspecies

Variety

Cultivar

Hybrid

Image file

**2. Synonyms:** *Calamus jenkinsianus* Griff., *C. margaritae* Hance, *C. nutantiflorus* Griff., *Daemonorops jenkinsiana* var. *tenasserimica* Becc., *D. margaritae* (Hance) Becc., *D. nutantiflora* (Griff.) Mart., *D. pierreana* Becc., *D. schmidtiana* Becc., *Palmijuncus jenkinsianus* (Griff.) Kuntze, *P. margaritae* (Hance) Kuntze, *P. nutantiflorus* (Griff.) Kuntze

## 3. Systematic Position:

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocots
- Clade: Commelinids
- Order: Arecales Bromhead
- Family: Arecaceae Bercht. & J. Presl
- Subfamily: Calamoideae Beilschm
- Genus: *Daemonorops* Blume.
- Species: *D. jenkinsianus* (Griff.) Mart.

### Bentham and Hooker (1862)

Kingdom: Plantae  
Division: Phanerogamia  
Class: Monocotyledones  
Series: Calycinae  
Ordo: Palmae Juss.  
Genus: *Daemonorops* Blume.  
Species: *D. jenkinsianus* (Griff.) Mart.

## 4. Distribution:

**Global:** East Himalaya to Taiwan, China, Bangladesh, Burma, Bhutan, Cambodia, Laos, Myanmar, Nepal Thailand and Vietnam

**India:** Assam, Meghalaya, Sikkim, West Bengal,

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

## 6. Threat Status:

**IUCN:**

**BSI:**

**7. Habit and Habitat:** Climbing palm; lowland evergreen forests

**8. Life Form:** Phanerophyte

**9. Economic Importance:** The long and slender stems are used in various purposes according to their size, length, flexibility, elasticity and toughness, mainly used for binding purposes, and in making chairs, blinds, mats, wicker or basketwork, fishing implements etc.

**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):**