

# Species Datasheet

Datasheet No. A-076.004.002  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species: *Bentinckia nicobarica* (Kurz) Becc.

Subspecies

Variety

Cultivar

Hybrid

Image file

Commonly known as 'Nicobar palm'.

2. Synonyms: *Orania nicobarica* Kurz

## 3. Systematic Position:

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocot
- Order: Arecales Bromhead
- Family: Arecaceae Bercht. & J. Presl
- Genus: *Bentinckia* Berry ex Roxb.
- Species: *Bentinckia nicobarica* (Kurz) Becc.

### Bentham and Hooker (1862)

Kingdom: Plantae  
Division: Spermatophyta  
Class: Monocotyledon  
Series: Calycinae  
Ordo: Arecaceae Bercht. & J. Presl  
Genus: *Bentinckia* Berry ex Roxb.  
Species: *Bentinckia nicobarica* (Kurz) Becc.

## 4. Distribution:

**Global:** Nicobar Islands

**India:** Nicobar Islands

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

## 6. Threat Status:

**IUCN:** Endangered

**BSI:**

7. Habit and Habitat: Solitary, monoecious palm, lowland or montane rain forests

8. Life Form: Phanerophyte

9. Economic Importance: It is used as ornamental plant, leaves are used for thatching and stems are used as hut pillars.

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**

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