

# Genus Datasheet

Datasheet No. A-076.001  
(Family.Genus)

DBT- Network Programme

1. **Genus:** *Actinorhytis* H.Wendl. & Drude

## 2. Systematic Position:

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Clade: Commelinids
- Order: Arecales Bromhead
- Family: Arecaceae Bercht. & J. Presl
- Subfamily: Arecoideae Burnett
- Genus: *Actinorhytis* H.Wendl. & Drude

### Bentham and Hooker (1862)

Kingdom: Plantae  
Division: Phanerogamia  
Class: Monocotyledones  
Series: Calycinae  
Ordo: Palmae Juss.  
Genus: *Actinorhytis* H.Wendl. & Drude

## 3. Species:

**Global:** 1

**India:** 1

## 4. Taxonomic riddles:

## 5. Distribution:

**Global:** New Guinea and the Solomon Islands, now widespread in Southeast Asia.

**India:**

**6. Habit and Habitat:** Solitary, evergreen tree palms; in the wild, it grows in lowland tropical rain forest at altitudes up to about 1000m above sea level.

**7. Economic Importance:** It is very decorative, but the main reason for its cultivation by villagers is as a magic or medicinal plant. The seed may also be chewed as a betel substitute.

## 8. DNA content range:

2C

4C

## Methodology:

## 9. Basic chromosome number(s):

**10. Zygotic chromosome number(s):**

**11. Gametic chromosome number(s):**

**12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene chromosomes/ N chromosomes):**

**13. Ploidy level:**

**14. Nature of polyploidy (auto, segmental, allo, autoallo):**

**15. Aberrant chromosome number(s) (aneuploidy, aneusomy, polysomy):**

**16. Karyograms:**

**Meiosis:**

**17. Banding pattern(s):**

**18. Physical mapping of chromosomes:**

**GISH:**

**19. Phylogenetic relationship at Chromosomal; DNA level: DNA level<sup>1</sup>**

**20. Cytogenetic mechanism(s) underlying evolution**

**22. Any other information:**

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