

# Genus Datasheet

DatasheetNo. A-076.020  
(Family.Genus)

DBT- Network

1. **Genus:** *Plectocomia* Mart. ex Schult. & Schult. f.

2. **Systematic Position:**

**APG IV (2016)**

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocots
- Clade: Commelinids
- Order: Arecales Bromhead
- Family: Areaceae Bercht. & J. Presl
- Genus: *Plectocomia* Mart. ex Schult. & Schult. f.

**Bentham and Hooker (1862)**

Kingdom: Plantae  
Division: Phanerogamia  
Class: Monocotyledones  
Series: Calycinae  
Ordo: Palmae Juss.  
Genus: *Plectocomia* Mart. ex Schult.  
&Schult. f.  
Species: *P.coronata* Bl.

3. **Species:**

**Global:** 16

**India:** 4

4. **Taxonomic riddles:**

5. **Distribution:**

**Global:** Borneo, China, Java, India, Philippines and Sumatra

**India:** Northeastern India

6. **Habit and Habitat:** Tree. Clustering high climbing pinnate-lived rattan palms

7. **Economic Importance:** Stem of *Plectocomia* species has a soft pith that renders them unsuitable for the furniture construction. They are used only for coarse or temporary basketry. The dried inflorescences are sometimes used as ornaments.

8. **DNA content range:**

**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/ Neocentric chromosomes):**

13. **Ploidy level:**

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

15. **Aberrant chromosome number(s) (aneuploidy, aneusomaty, polysomaty):**

16. **Karyograms:**

**Meiosis:**

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

18. **Physical mapping of chromosomes:**

**GISH:**

19. **Phylogenetic relationship at Chromosomal; DNA level:** DNA level <sup>1,2</sup>

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

21. **Linkage map:**

22. **Any other information:**

