

## Genus Datasheet

DBT- Network Programme

Datasheet No. P-031.001

(Family.Genus)

1. Genus: *Emodiopteris* Ching & S. K. Wu.

### 2. Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C. Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Dennstaedtiaceae Lotsy
- Subfamily:
- Genus: *Emodiopteris* Ching & S. K. Wu.

### 3. Species:

**Global:** 2 (accepted)

**India:** .

### 4. Taxonomic riddles:<sup>3</sup>

### 5. Distribution:

**Global:** China (Chongqing, Sichuan), Tibet, India (Uttarakhand, Sikkim, Darjeeling Hills, Arunachal Pradesh), Nepal, Bhutan, Myanmar

**India:**

### 6. Habit and Habitat:

### 7. Economic Importance:

### 8. DNA content range:

### Methodology

### 9. Basic chromosome number(s): $x=30^1, 33^2$

**10. Zygotic chromosome number(s):** $2n=60^1, 66^2$

**11. Gametic chromosome number(s):** $n=$

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

**13. Ploidy level:** Tetraploid (sexual)<sup>1, 2</sup>

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

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

**16. Karyograms:**

**Meiosis:**<sup>1, 2</sup>

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

**18. Physical mapping of chromosomes:**

**GISH:**

**19. Phylogenetic relationship at Chromosomal; DNA level:**

**22. Any other information:**