

## Genus Datasheet

DBT- Network Programme

Datasheet No. P-037.004

(Family.Genus)

1. Genus: *Ceterachopsis* (J. Sm.) Ching

2. Systematic Position:  
Christenhusz 2011

- Class: Equisetopsida C. Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Aspleniaceae Newman
- Subfamily:
- Genus: *Ceterachopsis* (J. Sm.) Ching

3. Species:

Global: 3 (accepted), 1 (unassessed)

India:.

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

5. Distribution:

Global:

India:

6. Habit and Habitat:

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s):  $x=36^{1, 2, 3}$

10. Zygotic chromosome number(s):  $2n=288^{1, 2, 3}$

**11. Gametic chromosome number(s):**  $n=144^{1, 2, 3}$

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

**13. Ploidy level:** Octoploid (sexual)  $^{1, 2, 3}$

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

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

**16. Karyograms:**

**Meiosis:**  $^{1, 2, 3}$

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

**18. Physical mapping of chromosomes:**

**GISH:**

**19. Phylogenetic relationship at Chromosomal; DNA level:**  $^4$

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

