

Datasheet No. P-009.005  
(Family:Genus)

1. Genus:*Hymenophyllum* Sm.

2. Systematic Position:

Christenhusz 2011

- Class: EquisetopsidaC.Agardh
- Subclass: PolypodiidaeCronquist, Takht. &Zimmerm.
- Order: Hymenophyllales A.B. Frank in J.L. Leunis
- Family: Hymenophyllaceae Mart.
- Subfamily:
- Genus:*Hymenophyllum* Sm.

3. Species:

**Global:** Accepted (172), Unassessed (372)

**India:.**

4. Taxonomic riddles:

5. Distribution:

**Global:**

**India:**

6. Habit and Habitat:

7.Economic Importance:

8. DNA content range:

**Methodology**

9. Basic chromosome number(s): $x=7^{2, 3, 5, 6, 7, 8}$  ,

$9^3, 6, 8, 10, 11$

10. Zygotic chromosome number(s): $2n=42^{2, 7}$

56<sup>10, 11</sup>

**11. Gametic chromosome number(s):**  $n=21^{2, 3, 5, 6, 7, 8}$ ,

$27^8$ ,

$28^{1, 4, 12}$ ,

$36^{3, 6}$

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

**13. Ploidy level:**

Hexaploid (sexual)  $^{1, 2, 3, 4, 5, 6, 7, 8, 12}$ ,

Octoploid (sexual)  $^{3, 6}$

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

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

**16. Karyograms:**

**18. Physical mapping of chromosomes:**

**GISH:**

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

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

**21. Linkage map:**

**22. Any other information:**