

Datasheet No. P-006.001
(Family: Genus)

1. Genus: *Botrychium* Sw.

2. Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C. Agardh
- Subclass: Ophioglossidae Klinge
- Order: Ophioglossales Link
- Family: Ophioglossaceae Martinov.
- Subfamily:
- Genus: *Botrychium* Sw.

3. Species:

Global: Accepted (56), unassessed (42)

India:

4. Taxonomic riddles:⁵

5. Distribution:

Global:

India:

6. Habit and Habitat:

7.Economic Importance:

8. DNA content range:

2C (20.44 pg)³

Methodology

Flow cytometry³

9. Basic chromosome number(s): $x=45$ ^{1, 3, 6, 8, 10, 11, 12, 14, 15}, 46 ^{7, 12, 15}

10. Zygotic chromosome number(s): $2n=180$ ^{1, 9, 10, 11, 12}, 184 ¹³

11. Gametic chromosome number(s): $n=90$ ^{3, 4, 6, 8, 11, 12, 14, 15}, 92 ^{3, 7, 16}

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

13. Ploidy level: Tetraploid (sexual)^{1, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16}

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

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

16. Karvograms:

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level: ⁵

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: