

Datasheet No. P-045.003
(Family: Genus)

1. Genus: *Bolbitis* Schott

2. Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C. Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Dryopteridaceae Herter
- Subfamily: Elaphoglossoideae (Pic. Serm.) Crabbe, Jermy & Mickel
- Genus: *Bolbitis* Schott

3. Species:

Global: 56

India: .

4. Taxonomic riddles: ¹⁰

5. Distribution:

Global:

India:

6. Habit and Habitat:

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=41$ ^{1, 3, 5, 6, 7, 8, 9, 11, 12, 13}

10. Zygotic chromosome number(s): $2n=82$ ^{5, 8, 9, 11, 12, 13} , ¹²³ ^{2, 3, 4, 11}

11. Gametic chromosome number(s): $n=41$ ^{1, 3, 6, 5, 7, 8, 11, 12}

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

13. Ploidy level: Diploid (sexual) ^{1, 3, 5, 6, 7, 8, 9, 11, 12, 13} , Triploid (sterile hybrid) ^{2, 3, 4, 11}

14. Nature of polyploidy (auto, segmental, allo, autoallo): Allotriploid ^{2, 3, 4, 11}

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

16. Karyograms: ⁴

Meiosis: ^{1, 2, 3, 4, 5, 7, 11}

17. Banding pattern(s):

18. Physical mapping of chromosomes:

19. Phylogenetic relationship at Chromosomal; DNA level:¹⁰

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: