

Datasheet No. P-006.003
(Family: Genus)

1. Genus: *Helminthostachys* Kaulf.

2. Systematic Position:

Christenhusz 2011

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

3. Species:

Global: Accepted (2), unassessed (4)

India:.

4. Taxonomic riddles:³

5. Distribution:

Global:

India:

6. Habit and Habitat:

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=47^{2, 4, 5, 7}$

10. Zygotic chromosome number(s): $2n=188^{5, 6}$

11. Gametic chromosome number(s): $n=94^{2, 4, 5, 7}$, c. 90^8 , $94+4^2$, $92-94^4$

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

13. Ploidy level: Tetraploid (sexual) $^{2, 4, 5, 7}$,

Tetraploid (aneuploid) $^{2, 4, 8}$

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

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

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:³

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: