

Genus Datasheet

DBT- Network Programme

Datasheet No. P-044.001

(Family.Genus)

1. Genus: *Hypodematium* Kunze

2. Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C. Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Hypodematiaceae Ching
- Subfamily:
- Genus: *Hypodematium* Kunze

3. Species:

Global:

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): $x=41^{1, 4, 5, 6, 9, 10, 12, 13, 14, 15}$

10. Zygotic chromosome number(s): $2n=82^{12,}$

$123^{6, 13},$

$164^2,$

11. Gametic chromosome number(s): $n=41^{1, 4, 5, 6, 9, 10, 12, 13, 14, 15},$

$82^{3, 4, 7},$

123^8

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

13. Ploidy level:Diploid (sexual) $^{1, 4, 5, 6, 9, 10, 12, 13, 14, 15},$

Triploid (hybrid, sterile) $^{6, 13},$

Tetraploid (sexual) $^{2, 3, 4, 7},$

Hexaploid (sexual) 8

16. Karyograms:

Meiosis: 1, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15

17. Banding pattern(s):

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: