

Datasheet No. P-030.017
(Family.Genus)

Genus Datasheet
DBT- Network Programme

1. Genus:*Hemionitis* L.

2. Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C.Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Pteridaceae E.D.M. Kirchn
- Subfamily: Cheilanthes W.C. Shieh
- Genus: *Hemionitis* L.

3. Species:

Global: Accepted (8), unassessed (39)

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): $x=30$ ^{1, 2, 3, 4, 5, 6, 7, 8, 9, 10}

10. Zygotic chromosome number(s): $2n=90$ ^{1, 2, 3, 4, 5, 6, 7, 8, 9, 10}

11. Gametic chromosome number(s): $n=90$ ^{1, 2, 3, 4, 5, 6, 7, 8, 9, 10}

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

13. Ploidy level:Triploid (apogamous) ^{1, 2, 3, 4, 5, 6, 7, 8, 9, 10}

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

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

16. Karyograms:

Meiosis:^{1, 2, 3, 4, 5, 6, 7, 8, 9, 10}

17. Banding pattern(s):

19. Phylogenetic relationship at Chromosomal; DNA level:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: