

Datasheet No. P-042.001
(Family.Genus)

1. Genus: *Ampelopteris*

2. Systematic Position:
Christenhusz 2011

- Class: Equisetopsida C. Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Thelypteridaceae Pic. Serm.
- Subfamily:
- Genus: *Ampelopteris* Kunze

3. Species:

Global: Accepted (1), unassessed (1)

India:.

4. Taxonomic riddles: 15, 16, 17

5. Distribution:

Global:

India:

6. Habit and Habitat:

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=36$ ^{1, 2, 4, 5, 6, 8, 9, 10, 11, 12, 13, 14}

10. Zygotic chromosome number(s): $2n=72$ ^{2, 9, 10, 12}

11. Gametic chromosome number(s): $n=36^{1, 2, 3, 4, 5, 6, 8, 10, 11, 12, 13, 14}$, 41^7

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

13. Ploidy level: Diploid (sexual) $^{1, 2, 3, 4, 5, 6, 8, 9, 10, 11, 12, 13, 14}$, Diploid (aneuploid, sexual) 7

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

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

16. Karyograms:

Meiosis: $^{1, 2, 3, 4, 5, 7, 8, 10, 11, 12, 13, 14}$

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level: $^{15, 16, 17}$

20. Cytogenetic mechanism (s) underlying evolution:

