

Datasheet No. P-051.001
(Family.Genus)

1. Genus:*Arthromeris*

2. Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C. Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Polypodiaceae J. Presl & C. Presl
- Subfamily: Drynarioideae Crabbe, Jermy & Mickel
- Genus: *Arthromeris*

3. Species:

Global: Accepted (18), unassessed (14)

India:.

4. Taxonomic riddles: ⁸

5. Distribution:

Global:

India:

6. Habit and Habitat:

7.Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=36^{1,3, 6, 7}, 37^{2, 9}$

10. Zygotic chromosome number(s): $2n=74^2$

11. Gametic chromosome number(s): $n=36^{1,3, 6, 7}, 37^{1, 4, 5, 9}, 72^3$

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

13. Ploidy level: Diploid (sexual)^{1,2, 3, 4, 5, 6,7, 9}

Tetraploid (sexual)³

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

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

16. Karyograms:

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

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:⁸

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: