

Datasheet No. P-045.002  
(Family.Genus)

1. Genus: *Arachniodes* Blume

2. Systematic Position:  
Christenhusz 2011

- Class: Equisetopsida C. Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Dryopteridaceae Herter
- Subfamily: Dryopteridoideae B.K. Nayar
- Genus: *Arachniodes* Blume

3. Species:

Global: Accepted (142), Un-assessed (60)

India:.

4. Taxonomic riddles:<sup>19, 20</sup>

5. Distribution:

Global:

India:

6. Habit and Habitat:

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s):  $x=41$ <sup>1, 2, 34, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18</sup>

**10. Zygotic chromosome number(s):**  $2n=164$ <sup>1, 2, 3, 4, 11, 12</sup>

**11. Gametic chromosome number(s):**  $n=41$ <sup>1, 3, 5, 9, 10, 15, 17, 18</sup>,  $82$ <sup>1, 2, 3, 4, 5, 6, 7, 8, 13, 14, 16</sup>

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

**13. Ploidy level** Diploid (sexual)<sup>1, 3, 5, 9, 10, 15, 17, 18</sup>

Tetraploid (sexual)<sup>1, 2, 3, 4, 5, 6, 7, 8, 11, 12, 13, 14, 16</sup>

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

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

**16. Karyograms:**

**Meiosis:**<sup>1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 13, 14, 15, 16, 17, 18</sup>

**17. Banding pattern(s):**

**18. Physical mapping of chromosomes:**

**20. Cytogenetic mechanism (s) underlying evolution:**

**21. Linkage map:**

**22. Any other information:**