

Datasheet No. P-030.009
(Family.Genus)

1. Genus:*Doryopteris* J.Sm.

2. Systematic Position:

Christenhusz 2011

- Class: EquisetopsidaC.Agardh
- Subclass: PolypodiidaeCronquist, Takht. &Zimmerm.
- Order: Polypodiales Link.
- Family: Pteridaceae E.D.M. Kirchn
- Subfamily: Cheilantheoideae W.C. Shieh
- Genus: *Doyopteris* J.Sm.

3. Species:

Global: Accepted (34), unassessed (58)

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): $x=29^1, 30^1, 2, 3, 4, 5, 6, 8, 9$

10. Zygotic chromosome number(s): $2n=60^1,$

232^1

11. Gametic chromosome number(s): $n=30^2, 3, 4, 5, 6, 8, 9,$

$60^7,$

$n=116^1$

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

13. Ploidy level: Diploid (sexual) $^{1,2, 3, 4, 5, 6, 8, 9},$

Tetraploid (sexual) 7,

Octoploid (sexual) 1

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

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

16. Karvograms:

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: