

Datasheet No. P-041.004
(Family.Genus)

1. Genus:*Deparia* Hook&Grev.

2. Systematic Position:

Christenhusz 2011

- Class: EquisetopsidaC.Agardh
- Subclass: PolypodiidaeCronquist, Takht. &Zimmerm.
- Order: Polypodiales Link.
- Family: Athyriaceae Alston
- Subfamily:
- Genus: *Deparia* Hook&Grev.

3. Species:

Global: 34 (accepted), 36 (unassessed)

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): $x=40^{4, 5, 6, 7, 8, 10, 11, 12, 13, 15, 18, 21, 24, 25, 26, 28, 29, 30, 33, 34, 41^{3, 17, 22, 23, 32}}$

10. Zygotic chromosome number(s): $2n=80^{8, 21, 24, 29, 35},$

$120^{1, 2},$

$160^{18},$

$164^{22, 23},$

$240^{16, 19},$

$c.240^{20},$

$246^{1, 2}$

11. Gametic chromosome number(s): $n=40^{4, 5, 6, 7, 8, 10, 11, 12, 13, 15, 18, 24, 25, 26, 28, 29, 30, 33}$

$41^{17},$

$80^{4, 5, 6, 8, 9, 10, 15, 18, 26, 28},$

$82^{3, 22, 31},$

$120^{1, 2, 14, 16, 27, 32, 33, 34},$

$123^{1, 2},$

$200^{4, 5, 6, 8, 9}$

Neocentric chromosomes):

13. Ploidy level: Diploid (sexual) ^{4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 17, 18, 21, 24, 25, 26, 28, 29, 30, 33, 34, 35}

Triploid (apogamous) ^{1, 2,}

Tetraploid (sexual) ^{4, 5, 6, 7, 8, 9, 10, 15, 18, 26, 28,}

Pentaploid (Hybrid) ^{4, 5, 6, 8, 9,}

Hexaploid (sexual) ^{1, 2, 14, 16, 19, 20, 27, 32, 33, 34}

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

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

16. Karyograms:

Meiosis: ^{1, 2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 24, 25, 26, 27, 28, 29, 30, 32, 33, 3}

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:

20. Cytogenetic mechanism (s) underlying evolution:

