

Species Datasheet

Datasheet No. P-041.004.002
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Deparia allantodioides* (Bedd.) M. Kato

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

*Athyriumallantodioides*Bedd.

Lunathyriumallantodioides (Bedd.) Ching

3.Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C.Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Athyriaceae Alston
- Subfamily:
- Genus: *Deparia* Hook & Grev.
- Species: *Deparia allantodioides* (Bedd.) M.Kato
- Subspecies:
- *Variety*:

4.Distribution:

Global:Taiwan, New Guinea, Jammu & Kashmir, Bhutan, Sikkim, Myanmar [Burma], N-India

India: Jammu & Kashmir, Sikkim, N-India

5.Indigenous/Exotic/Endemic;Cultivated/Wild:

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat:

8. Life Form:

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-value	Methodology
---------	-------------

12. Basic chromosome number(s): $x=40^{18}$

13. Zygotic chromosome number(s): $2n=160^{18}$

14. Gametic chromosome number(s): $n=40^{18}$,

$80^{15, 18}$

15. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene chromosomes/Neocentric chromosomes):

Image file

16. Ploidy level:Diploid (sexual) 18 ,

Tetraploid (sexual) $^{15, 18}$

Image file

17. Agametoploidy:

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

19. Genomic formula:

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

21. Somatic chromosomes:

Karyotype

Chromosome size

NOR chromosome(s)

Degree of asymmetry

Image file

22. Banding pattern(s):

Image file

23. Physical mapping of chromosomes:

In situ hybridization

Image file

Fluorescent in situ hybridization:

Image file

24. Genomic in situ hybridization:

Image file

25. Linkage map:

Image file

26. Chromosome associations:

Female meiosis

Male meiosisDiploid: $40\text{II}^{15, 18}$,

Tetraploid : $80\text{II}^{15}, 1\text{VI}+2\text{V}+5\text{IV}+9\text{III}+39\text{II}+19\text{I}^{18}$

Image file

27.Chromosome distribution at anaphase I:

28. Genetic diversity:

Chromosomal level

Image file

DNA level

29.Any other information (Apomixis; Inversion; Male sterility;Pollen grain mitosis; Pollen stainability;Translocationsetc.):