Species Datasheet

Datasheet No. P-034.001.006
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Allantodia spectabilis* (Wall. ex Mett.) Ching

Subspecies:
Variety:
Cultivar
Hybrid

Image file

2. Synonyms:

Allantodiamulticaudata (Wall. ex C.B. Clarke) W.M. Chu
Aspleniummulticaudatum Wall. ex C.B. Clarke
Aspleniumschimperi var. *multicaudatum* Baker
Aspleniumspectabile Wall. exMett.
Athyriummulticaudatum (Wall. ex C.B. Clarke) C. Presl
Athyriumspectabile (Wall. ex Mett.) C. Presl
Athyriumumbrosum var. *multicaudatum* (Wall. ex C.B. Clarke) Bedd.
*Diplaziumjerdonii*Bedd.
Diplaziumspectabile (Wall. ex Mett.) Ching
Diplaziumumbrosum var. *multicaudatum* (Wall. ex C.B. Clarke) Bedd.

3.Systematic Position:
Christenhusz 2011

- Class: EquisetopsidaC.Agardh
- Subclass: PolypodiidaeCronquist, Takht. &Zimmerm.
- Order: Polypodiales Link.
- Family: Diplaziopsidaceae X.C. Zhang &Christenh.
- Subfamily:
- Genus: *Allantodia* R.Br.
- Species: *Allantodia spectabilis* (Wall. ex Mett.) Ching
- Subspecies*:*
- *Variety:*

4.Distribution:

Global: China (Xizang, Yunnan)

India: Widely distribute throughoutHimalayas 1200-2100m

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat: Moist shady places

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value **Methodology**

12.Basic chromosome number(s):x=41[2, 3, 6, 8, 9, 11, 12, 16]

13. Zygotic chromosome number(s):2n=

14. Gametic chromosome number(s):n=41[2, 3, 6, 8, 9, 11, 12, 16]

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

Image file

16.Ploidy level: Diploid (sexual) [2, 3, 6, 8, 9, 11, 12, 16]

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 meiosis 41II2, 3, 6, 8, 9, 11, 12, 16

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.):