

Species Datasheet

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Datasheet No. P-034.001.002
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Allantodia gigantean* (Baker) Ching

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Diplazium flaccidum Christ

Diplazium giganteum (Baker) Ching

Gymnogrammagigantea Baker

3. Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C. Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Diplaziopsidaceae X.C. Zhang & Christenh.
- Subfamily:
- Genus: *Allantodia* R.Br.
- Species: *Allantodia gigantean* (Baker) Ching
- Subspecies:
- Variety:

4. Distribution:

Global: China (Chongqing, Guizhou, W Henan, W Hubei, S Jiangxi, Sichuan, Xizang, Yunnan), Bhutan, NE India

India: Eastern Himalaya

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:Broad-leaved forests, beside streams; 400-2600 m

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value	Methodology
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12.Basic chromosome number(s): $x=41^{2, 6, 7, 8, 9, 28}$

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

14. Gametic chromosome number(s): $n=41^{2, 6, 7, 8, 9, 28}$

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

Image file

16.Ploidylevel:Diploid (sexual) $^{2, 6, 7, 8, 9, 28}$

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 41 II², 6, 7, 8, 9, 28

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; Translocation etc.):