

Species Datasheet

Datasheet No. P-034.002.001
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Diplaziopsis javanica* (Blume) C. Chr.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Allantodiabrunoniana Wall.

Allantodiajavanica (Blume) Trevis.

Aspleniumbrunnonianum (Wall.) Mett.

Aspleniumjavanicum Blume

Athyriumbrunnonianum (Wall.) Milde

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: *Diplaziopsis* C. Christ.
- Species: *Diplaziopsis javanica* Kunze (Blume) C. Chr.
- Subspecies:
- Variety:

4. Distribution:

Global: Western Samoa (Savaii, Upolu), Society Isl. (Tahiti), Fiji (Viti Levu), New Caledonia, Taiwan, Japan, Philippines, Sri Lanka, Vietnam, Borneo (Mt. Kinabalu, etc.), N-India, Nepal, Bhutan, Sulawesi, Java, Sumatra, Moluccas (Seram, etc.), China (Guizhou, Hainan, Yunnan)

India: Eastern Himalayas , South India (Palni Hills, western Ghats) 1500-2400m

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:Grows in warm parts of world, on shaded clayey soil alongside water channels

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s): $x=41^{1, 2, 3, 4, 5}$

13. Zygotic chromosome number(s):

14. Gametic chromosome number(s): $n=41^{1, 2, 3, 4, 5}$

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

Image file

16.Ploidy level:Diploid (sexual) $^{1, 2, 3, 4, 5}$

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 41II^{1, 2, 3, 4, 5}

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.):