Species Datasheet

Datasheet No. P-012.002.001
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Diplopterygium glaucum* (Thunb. ex Houtt.) Nakai

Subspecies:
Variety:
Cultivar
Hybrid

Image file

2. Synonyms:

Dicranopterisglauca (Thunb. ex Houtt.) Underw.
Hicriopterisglauca (Thunb. ex Houtt.) Ching

3.Systematic Position:
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- Class: Equisetopsida C.Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Gleicheniaceae Schimp
- Family: Gleicheniaceae C.Presl
- Subfamily:
- Genus: *Diplopterygium* (Diels) Nakai
- Species: *Diplopterygium glaucum* (Thunb. ex Houtt.) Nakai
- Subspecies:

4.Distribution:

Global: China (Anhui, Fujian, Guangdong, Guangxi, Guizhou, Hubei, Hunan, Jiangsu, Jiangxi, Sichuan, Yunnan, Zhejiang), South Korea, Japan, Taiwan, Ryukyu Isl., Society Isl. (Tahiti, Huahine)

India: Eastern Himlayas

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=56[1, 2]

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

14. Gametic chromosome number(s):n=56[1, 2]

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

Image file

16.Ploidylevel: Diploid (sexual)[1, 2]

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 meiosis56II[1, 2]

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.):