

Species Datasheet

Datasheet No. P-051.006.003
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Grammitis obliquata* (Blume) Hassk.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

[*Cryptosorusobliquatus* \(Blume\) J. Sm.](#)

[*Ctenopterisobliquata* \(Blume\) Copel.](#)

[*Polypodiumobliquatum* Blume](#)

[*Prosaptiaobliquata* \(Blume\) Mett.](#)

3.Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C.Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Polypodiaceae J. Presl & C. Presl
- Subfamily: Polypodioideae B.K. Nayar
- Genus: *Grammitis* O.Swartz
- Species: *Grammitis obliquata* (Blume) Hassk.
- Subspecies:
- Variety:

4.Distribution:

Global: China (Hainan), Taiwan, Borneo, S India, Indonesia, Malaysia, New Guinea, Philippines, Sri Lanka, Thailand, Vietnam

India:

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:Epiphytic on tree trunks in dense wet forests, also on moss-covered rocks; 200-1800 m.

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s): $x=37^6$

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

14. Gametic chromosome number(s): $n=37^6$

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

Image file

16.Ploidylevel:Diploid (sexual) ⁶

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

37II⁶

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.):