Species Datasheet

Datasheet No. P-009.001.001
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Selenodesmium obscurum* (Blume) Copel.

Subspecies:
Variety:
Cultivar
Hybrid

Image file

2. Synonyms:

*Trichomanesenglerianum*Brause
*Trichomaneslatipinnum*Copel.
*Trichomanesobscurum*Blume
Trichomanespapillatum K. Muell.
Trichomanesracemulosum Bosch
Trichomanessaxitile T. Moore
Trichomanessiamense Christ

3.Systematic Position:
Christenhusz 2011

- Class: Equisetopsida C.Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Hymenophyllales A.B.Frank in J.L.Leunis
- Family: Hymenophyllaceae Mart.
- Subfamily:
- Genus: *Selenodesmium* (Prantl) Copel.
- Species: *Selenodesmium obscurum* (Blume) Copel.
- Subspecies:

4.Distribution:

Global: Taiwan , Yunnan, Srilanka , Malesia

India: S-India

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:in rainforest, usually near creeks; north from the Richmond R, Terrestrial

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA
C-value Methodology

12.Basic chromosome number(s):x=33[1, 2, 3, 4, 5, 6, 7, 8] ,36[9]

13. Zygotic chromosome number(s):2n=66[1, 4, 5, 7]

14. Gametic chromosome number(s):n=33[1, 2, 3, 5, 6, 7, 8] ,

c.33[4] ,

36[9]

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

Image file

16.Ploidylevel: Diploid (sexual) [1, 2, 3, 5, 6, 7, 8, 9]

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 meiosis33II[1, 2, 3, 5, 6, 7, 8] ,

c.33II[4] ,

36II [9]

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.):