

Species Datasheet

Datasheet No. P-051.015.007
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Pyrrosia flocculosa* (D.Don) Ching

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Apalophlebia flocculosa (D. Don) C. Presl

Cyclophorus flocculosus (D. Don) C. Chr.

Niphobolus flocculosus (D. Don) Spreng.

Polypodium flocculosum D. Don

3.Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C.Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Polypodiaceae J. Presl & C. Presl
- Subfamily: Platycerioideae B.K. Nayar
- Genus: *Pyrrosia* Mirb.
- Species: *Pyrrosia flocculosa* (D.Don) Ching
- Subspecies:
- Variety:

4.Distribution:

Global: India, Nepal, Bhutan, Thailand, Vietnam, Myanmar, Bangladesh

India: Jammu, Himachal Pradesh, Sikkim, Darjeeling, Siliguri, Assam, Arunachal Pradesh, Meghalaya, Nagaland, Manipur, Tripura

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:Grows as an epiphyte or lithophyte. Common in the region from 1300-2100m altitude, Kaptoke, Bharari, Jhuni

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s): $x=36^{1, 2, 11, 15}$

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

14. Gametic chromosome number(s): $n=36^{1, 2, 11, 15}$

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

Image file

16.Ploidy level:Diploid (sexual) $^{1, 2, 11, 15}$

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 36II^{1, 2, 11, 15}

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.):