

Species Datasheet

Datasheet No. P-051.015.026
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Pyrrosia subfurfuracea* (Hook.) Ching

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Cyclophorus bonii (Christ ex Giesenh.) C. Chr.

Cyclophorus calvatus (Baker) C. Chr.

Cyclophorus esquirolii H. Lév.

Cyclophorus subfurfuraceus (Hook.) C. Chr.

Niphobolus calvatus (Baker) Diels

Niphobolus subfurfuraceus (Hook.) Bedd.

Polypodium subfurfuraceum Hook.

Pyrrosia pseudocalvata Ching, Boufford & K.H. Shing

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 subfurfuracea* (Hook.) Ching
- Subspecies:
- Variety:

4. Distribution:

Global: Bhutan, India, China, Laos, Vietnam

India: Eastern India (Assam)

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:Lithophytic, often on calcareous rocks at low to high altitude.

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s): $x=37^{11}$

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

14. Gametic chromosome number(s): $n=37^{11}$

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

Image file

16.Ploidylevel:Diploid (sexual) ¹¹

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 37II¹¹

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.):