

Species Datasheet

Datasheet No. P-051.015.024
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Pyrrosia stictica* (Kunze) Holttum

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Cyclophorussticticus (Kunze) C. Chr.

Niphobolussticticus Kunze

Polypodiumsticticum (Kunze) 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: Platycerioideae B.K. Nayar
- Genus: *Pyrrosia* Mirb.
- Species: *Pyrrosia stictica* (Kunze) Holttum
- Subspecies:
- Variety:

4. Distribution:

Global: China, Malaysia, Myanmar, Nepal, Philippines, Sri Lanka

India: Kashmir, Himachal Pradesh, Sikkim, Darjeeling, South India, Tamilnadu, Nilgiri Hills, Kerala, Uttarakhand (Dehradun, Tehri Garhwal, Chamoli, Almora, Pithoragarh)

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Common, mostly epiphytically growing on tree-trunks covered with moss, branches, as a lithophyte on shady rocks covered with moss, at altitude from 2500 to 2800m

8. Life Form:

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-value Methodology

12. Basic chromosome number(s): $x=37^5$

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

14. Gametic chromosome number(s): $n=74^5$

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

Image file

16. Ploidylevel: Tetraploid (sexual) ⁵

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 Tetraploid: 74II^5

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.):