

Species Datasheet

-

Datasheet No. P-051.015.015
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Pyrrosia mollis* (Kunze) Ching

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Niphobolus mollis Kunze

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 mollis* (Kunze) Ching
- Subspecies:
- Variety:

4. Distribution:

Global: India, Myanmar, China, Java, Malaysia and Philippines

India: Kerala (Kannur, Kozhikkode, Wayanad, Malappuram, Palakkad, Kottayam, Idukki, Pathanamthitta, Kollam and Thiruvananthapuram districts)

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

6. Threat Status:

IUCN:

BSI:

7.Habit and Habitat:Epiphytes or lithophytes,in semi-evergreen and evergreen forests at high altitudes.

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value	Methodology
---------	-------------

12.Basic chromosome number(s): $x=37^2, 6, 10, 14, 15$

13. Zygotic chromosome number(s): $2n=74^2, 10, 14$

14. Gametic chromosome number(s): $n=37^2, 6, 15$

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

Image file

16.Ploidy level:Diploid (sexual) $^2, 6, 10, 14, 15$

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 37II², 6, 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; Translocation etc.):