Species Datasheet

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Datasheet No. P-051.015.009
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Pyrrosia lanceolata* (L.) Farw.

Subspecies:
Variety:
Cultivar
Hybrid

Image file

2. Synonyms:

*Acrostichumdubium*Poir.
Acrostichumlanceolatum L.
*Candollealanceolata*Mirb. ex Lam. &Mirb.
Craspedariapertusa (Roxb. ex Hook.) Link
Cyclophorusadnascens (Sw.) Desv.
Cyclophorusadnascens f. *dichotoma*Alderw.
Cyclophorusadnascens var. *minor*Alderw.
Cyclophorusadnascens f. *pernuda*Alderw.
*Cyclophoruscornutus*Copel.
*Cyclophorusdimorphus*Copel.
Cyclophorusgiesenhagenii (Christ) C. Chr.
*Cyclophorusglaber*Desv.
*Cyclophorusheterophyllus*Desv.
Cyclophoruslanceolatus (L.) Alston
Cyclophorusnudus (Giesenh.) C. Chr.
Cyclophoruspachydermus (Baker) C. Chr.
Cyclophoruspustulosus Christ
Cyclophorusspissus (Bory ex Willd.) Desv.
Cyclophorusspissus var. *continentalis* (Hieron. ex Engl.) Hieron.
*Cyclophorusstellatus*Copel.
Cyclophorustener (Giesenh.) C. Chr.
Cyclophorusvarius (Kaulf.) Gaudich.
Cyclophorusvarius var. *flabelliformis*Alderw.
Cyclophorusvittarioides C. Presl
Cyclosorusspissus (Bory ex Willd.) Desv.
Dendroglossalanceolata (L.) Fée

Drymoglossummartinicense Christ
Gymnopterislanceolata (L.) T. Moore
Niphobolusadnascens (Sw.) Kaulf.
Niphobolusadnascens var. *spissum* (Bory ex Willd.) Keyserl.
Niphobolusadnascens var. *varius* (Kaulf.) Keyserl.
*Niphoboluscarnosus*Blume
*Niphoboluscaudatus*Kaulf.
*Niphoboluselongatus*Blume
Niphobolusgiesenhagenii Christ
Niphobolusglaber (Desv.) Kaulf.
Niphobolusheterophyllus (Desv.) Spreng.
*Niphoboluskoenigii*Blume
*Niphobolusnudus*Giesenh.
Niphoboluspertusus (Roxb. ex Hook.) Spreng.
*Niphobolusspathulifer*Bory
Niphobolusspissus (Bory ex Willd.) Kaulf.
Niphobolusspissus var. *continentalis*Hieron. ex Engl.
*Niphobolustener*Giesenh.
*Niphobolusvarius*Kaulf.
Niphobolusvittarioides T. Moore
Polypodiumadnascens Hook.
Polypodiumcarnosum (Blume) Mett.
Polypodiumcarnosum var. *elongatum* (Blume) Mett.
Polypodiumpachydermum Baker
*Polypodiumpertusum*Roxb. ex Hook.
*Polypodiumspissum*Bory ex Willd.
Polypodiumvittarioides (C. Presl) Mett.
Pteropsismartinicense (Christ) Maxon
Pyrrosiacaudata (Kaulf.) Ching
Pyrrosiacornuta (Copel.) Tagawa
Pyrrosiadimorpha (Copel.) Parris
Pyrrosiapachyderma (Baker) Ching
Pyrrosiastellata (Copel.) Parris
Pyrrosiavaria (Kaulf.) Farw.

3.Systematic Position:
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- Class: EquisetopsidaC.Agardh
- Subclass: PolypodiidaeCronquist, Takht. &Zimmerm.
- Order: Polypodiales Link.
- Family: Polypodiaceae J. Presl& C. Presl
- Subfamily: Platycerioideae B.K. Nayar
- Genus: *Pyrrosia* Mirb.
- Species: *Pyrrosia lanceolata* (L.) Farw.
- Subspecies:
- Variety:

4.Distribution:

Global: India, Sri Lanka, China, Taiwan, Bhutan, Malaysia and Sumatra to New Guinea

India: Eastern Himalayas, Western Ghats

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat: Epiphytes or lithophytes, Growing all habitats from coastal plains to forests

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value **Methodology**

12.Basic chromosome number(s):x=37[1, 2, 3, 7]

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

14. Gametic chromosome number(s):n=37[1, 2, 3, 7]

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

Image file

16.Ploidylevel: Diploid (sexual) [1, 2, 3, 7]

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 meiosis37II[1, 2, 3, 7]

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.):