

Species Datasheet

Datasheet No. P-051.014.001
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Pseudodrynaria coronans* (Wall. ex Mett.) Ching

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Aglaomorphacoronans(Wall. ex Mett.) Copel.

Drynariacoronans(Wall. ex Mett.) J. Sm. ex T. Moore

Pleopeltiscoronans(Wall. ex Mett.) Alderw.

*Polypodiumcoronans*Wall. exMett.

3.Systematic Position:

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- Class: EquisetopsidaC.Agardh
- Subclass: PolypodiidaeCronquist, Takht. &Zimmerm.
- Order: Polypodiales Link.
- Family: Polypodiaceae J. Presl& C. Presl
- Subfamily: Drynarioideae Crabbe, Jermy&Mickel
- Genus: *Pseudodrynaria* C.Chr. ex Ching
- Species: *Pseudodrynaria coronans* (Wall. ex Mett.) Ching
- Subspecies:
- Variety:

4.Distribution:

Global: China (Fujian, Guangdong, Guangxi, Guizhou, Hainan, S Xizang, S Yunnan) Taiwan,
[India, Japan (Ryukyu Islands), Laos, Malaysia (Peninsular), Myanmar, Nepal,
Thailand, Vietnam

India: Northeastern Himalayas, Western ghats

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:Epiphytic, forming a ring-shaped basket around tree trunks, or epilithic, primary and secondary forests; 100-1900 m

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value	Methodology
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12.Basic chromosome number(s): $x=36^{2, 3, 4, 5}, 37^1$

13. Zygotic chromosome number(s):

14. Gametic chromosome number(s): $n=36^{2, 3, 4, 5}, 37^1$

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

Image file

16.Ploidylevel:Diploid (sexual)^{1, 2, 3, 4, 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 36II^{2, 3, 4, 5},

37II¹

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.):