

Species Datasheet

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Datasheet No. P-003.001.026
- (family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Selaginella repanda* (Desv. ex Poir.) Spring

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Lycopodium repandum Desv. ex Poir.

Selaginella henryi Koidz.

3. Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C.Agardh
- Subclass: Lycopodiidae Bek.
- Order: Selaginellales Prantl
- Family: Selaginellaceae Willk.
- Subfamily:
- Genus: *Selaginella* P.Beauv
- Species: *Selaginella repanda* (Desv. ex Poir) Spring
- Subspecies:
- Variety:

4.Distribution:

Global:China (Guangxi, Guizhou, Hainan, Yunnan), Taiwan, India , , C-Nepal, Myanmar [Burma], Philippines, Java, Sumatra, Vietnam, Laos, Cambodia, Thailand, peninsular Malaysia (Perlis), Timor, Sumbawa

India: Uttar Pradesh, Madhya Pradesh, Andhra Pradesh, Karnataka, Tamil Nadu

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Terrestrial, in moist deciduous, semi-evergreen forests

8. Life Form:

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-value	Methodology
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12. Basic chromosome number(s): $x=9^{18, 19}, 10^{23}$

13. Zygotic chromosome number(s): $2n=18^{18, 19}$

14. Gametic chromosome number(s): $n=9^{5, 18, 19}, 10^{23}$

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

Image file

16. Ploidylevel: Diploid (sexual) $^{5, 18, 19, 23}$

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 9II^{5, 18, 19} ,

10II²³

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.):