

Species Datasheet

Datasheet No. P-040.005.002
_ (family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Woodwardia radicans* (L.) Sm.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Blechnum radicans L.

3.Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C.Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Blechnaceae Newman

- Subfamily:
- Genus: *Woodwardia* Sm.
- Species: *Woodwardia radicans* (L.) Sm.
- Subspecies:
- *Variety*:

4.Distribution:

Global:native to the Atlantic islands and southwestern Europe.

India: Western Himalaya 1500-2400m

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:

8.Life Form:

9.Economic Importance:Ornamental

10. Probable Progenitor of:

11.DNA

C-value	Methodology
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12.Basic chromosome number(s): $x=34$ ^{1, 2, 3, 4, 5, 6, 9, 12, 13, 14, 15, 16}

13. Zygotic chromosome number(s): $2n=68$ ^{5, 6, 12, 13, 14, 15}

14. Gametic chromosome number(s): $n=34^{1, 2, 3, 4, 9, 14, 15, 16}$

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

Image file

16.Ploidy level:Diploid (sexual) $^{1, 2, 3, 4, 5, 6, 9, 12, 13, 14, 15, 16}$

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 34II 1, 2, 3, 4, 9, 14, 15, 16

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.):