

Species Datasheet

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Datasheet No. P-041.005.015
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Diplazium proliferum* (Lam.) Thouars

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Anisogonium attenuatum (C. Presl) C. Presl

Asplenium attenuatum C. Presl

Asplenium decussatum Sw.

Asplenium luzoniense Spreng.

Asplenium proliferum Lam.

Asplenium spinulosum (Blume) Mett.

Athyrium proliferum Milde

Athyrium ridleii Copel.

Callipteris accedens (Blume) J. Sm.

Callipteris attenuata (C. Presl) C. Presl

Callipteris prolifera (Lam.) Bory.

Callipteris spinulosa (Blume) J. Sm.

Digrammariarobusta Fée

Diplazium incisum K. Schum.

Diplazium repandum Blume

Diplazium serratum K. Schum.

Diplazium spinulosum Blume

3. Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C. Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Athyriaceae Alston
- Subfamily:

- Genus: *Diplazium* Swartz
- Species: *Diplazium proliferum* (Lam.) Thouars
- Subspecies:
- Variety:

4.Distribution:

Global:Tropical Africa, Asia and Polynesia

India: Western Himalaya

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:Moist, humid conditions with light filtered sun. Prefers moist and fertile soils.

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s): $x=40^{5, 10}, 41^{21, 32, 33}$

13. Zygotic chromosome number(s): $2n=80^{10}, 82^{21, 32, 33}$

14. Gametic chromosome number(s): $n=40^{5, 10}$

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

Image file

16.Ploidylevel:Diploid (sexual) ^{5, 10, 21, 32, 33}

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^{40II^{5, 10}}

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.):