

Species Datasheet

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Datasheet No. P-041.005.016
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Diplazium sibiricum* (Turcz. ex Kunze) Sa. Kurata

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms: Nil

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 sibiricum* (Turcz. ex Kunze) Sa.Kurata
- Subspecies:
- Variety:

4.Distribution:

Global:Finland, N-Norway, N-European Russia, C-European Russia, W-Siberia, C-Siberia, Russian Far East, Japan, China (Hebei, Heilongjiang, Henan, Jilin, Liaoning, Nei Mongol, Shanxi), North Korea, South Korea, Sakhalin, Ussuri, Mongolia

India: Jammu & Kashmir (Gulmarg)

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

6. Threat Status:

IUCN:

BSI:

7. **Habit and Habitat:** Terrestrial, found in Boreal forest

8. **Life Form:**

9. **Economic Importance:**

10. **Probable Progenitor of:**

11. DNA

C-value	Methodology
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12. **Basic chromosome number(s):** $x=41$ ^{36, 37, 50}

13. **Zygotic chromosome number(s):** $2n=82$ ^{18, 50} ,
c.160^{40, 41}

14. **Gametic chromosome number(s):** $n=41$ ⁵⁰ ,
 82 ^{36, 37}

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

Image file

16. **Ploidy level:** Diploid (sexual)^{18, 50} ,

Tetraploid (sexual)^{36, 37, 40, 41}

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 Diploid: 41II^{50} ,

Tetraploid: $82\text{II}^{36, 37}$

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; Translocation etc.):