

Species Datasheet

Datasheet No. P-001.001.003

(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Diphasiastrum sitchense* var. *nikoense* (Franch. & Sav.) Á.Löve & D.Löve

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Diphasiastrum nikoense (Franch. & Sav.) Holub

Lycopodium nikoense Franch. & Sav.

3. Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C.Agardh
- Subclass: Lycopodiidae Bek.
- Order: Lycopodiales DC.ex Bercht & J.Presl
- Family: Lycopodiaceae P.Beauv. & J.Presl
- Subfamily:
- Genus: *Diphasiastrum* Holub
- Species: *Diphasiastrum sitchense* (Rupr.) Holub
- Subspecies:
- Variety: *Diphasiastrum sitchense* var. *nikoense* (Franch. & Sav.) Á.Löve & D.Löve

4. Distribution:

Global: Japan (Sinano, Sigakogen)

India:

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value	Methodology
---------	-------------

12.Basic chromosome number(s): $x=34$ ¹

13. Zygotic chromosome number(s): $2n=$

14. Gametic chromosome number(s): $n=34$ ¹

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

Image file

16.Ploidylevel:Diploid (sexual) ¹

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^{34II¹}

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.):