

Species Datasheet

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Datasheet No. P-003.001.012
- **(family.genus.species)**

DBT- Network Programme

1.Taxon:

Species: *Selaginella kraussiana* (Kunze) A.Braun

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Didiclis kraussiana (Kunze) Rothm.

Lycopodium kraussianum Kunze

Selaginella canescens Fée

Selaginella denticulata Spring

Selaginella hortensis Mett.

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 kraussiana* (Kunze) A.Braun
- Subspecies:
- Variety:

4.Distribution:

Global:Native distribution is the [Azores](#), the [Canary Islands](#) and parts of south and east [Africa](#)

India:

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat:

8. Life Form:

9. Economic Importance: listed on the [New Zealand National Pest Plant Accord](#) since it is an [invasive species](#)

10. Probable Progenitor of:

11. DNA

C-value	Methodology
2C (0.33 pg) ²⁰	Flow cytometry ²⁰
2C (0.48pg) ²⁰	Flow cytometry ²⁰
2C (0.71pg) ²⁰	Flow cytometry ²⁰
2C (0.43 pg) ²⁶	Flow cytometry ²⁶
2C (0.49pg) ²⁶	Flow cytometry ²⁶

12. Basic chromosome number(s): $x=9^{4, 5, 15, 21}$, $10^{7, 16, 20}$

13. Zygotic chromosome number(s): $2n=18^{4, 5, 15}$,

$20^{7, 16}$,

40^{20}

14. Gametic chromosome number(s): $x=9^{5, 21}$

15. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene

chromosomes/Neocentric chromosomes):

Image file

16.Ploidylevel:Diploid (sexual)^{4, 5, 7, 15, 16, 21,}

Tetraploid (sexual)²⁰

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, 21}}

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.):**