

Species Datasheet

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Datasheet No. P-001.002.015
- **(family.genus.species)**

DBT- Network Programme

1. Taxon:

Species: *Huperzia taxifolia* (Sw.) Trevis.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Huperzia costaricensis (Herter) Holub

Huperzia passerinoides (Kunth) Trevis.

Huperzia passerinoides var. *nitens* (Schltdl. & Cham.) Trevis.

Lycopodium herminieri Spring

Lycopodium nitens Schltdl. & Cham.

Lycopodium passerinoides Kunth

Lycopodium schwendeneri Herter

Lycopodium taxifolium Sw.

Lycopodium taxifolium var. *passerinoides* (Kunth) Baker

Phlegmariurus taxifolius (Sw.) Á.Löve & D.Löve

Urostachys bruelkei Nessel

Urostachys costaricensis Herter

Urostachys herminieri (Spring) Herter

Urostachys nitens (Schltdl. & Cham.) Herter

Urostachys passerinoides (Kunth) Herter ex Nessel

Urostachys passerinoides var. *nitens* (Schltdl. & Cham.) Herter ex Nessel

Urostachys rubiginosus Herter ex Nessel

Urostachys schwendeneri (Herter) Herter

Urostachys schwendeneri var. *nitens* (Schltdl. & Cham.) Herter ex Nessel

Urostachys taxifolius (Sw.) Herter

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: *Huperzia* Bernh.
- Species: *Huperzia taxifolia* (Sw.)Trevis.
- Subspecies:
- Variety:

4.Distribution:

Global:

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): $x=17^6$

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

14. Gametic chromosome number(s): $n=136^6$

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

Image file

16.Ploidy level: 16-ploid (sexual) ⁶

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 136II⁶

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.):