

# Species Datasheet

Datasheet No. P-001.002.002

(family.genus.species)

DBT- Network Programme

## 1. Taxon:

**Species:** *Huperzia carinata* (Desv. ex Poir.) Trevis.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

## 2. Synonyms:

*Lycopodium carinatum* Desv. ex Poir.

*Lycopodium carinatum* var. *minus* Tagawa

*Phlegmariurus carinatus* (Desv. ex Poir.) Ching

*Urostachys carinatus* (Desv. ex Poir.) Herter ex Nessel

## 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 carinata* (Desv. ex Poir.) 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):**

**13. Zygotic chromosome number(s):**

**14. Gametic chromosome number(s):**

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

Image file

**16.Ploidy level:**

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**

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.):**