

# Species Datasheet

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**Datasheet No. P-003.001.002**  
- **(family.genus.species)**

**DBT- Network Programme**

## 1.Taxon:

**Species:** *Selaginella braunii* Baker

Subspecies:

Variety:

Cultivar

Hybrid

Image file

## 2. Synonyms:

*Selaginella braunii* f. *hieronymi* Alderw.

*Selaginella hieronymi* Alderw.

## 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 braunii* Baker
- Subspecies:
- Variety:

## 4.Distribution:

**Global:**China (Anhui, Chongqing, Guizhou, Hainan, Hubei, Hunan, Jiangxi, Sichuan, Yunnan, Zhejiang),  
Malaysia (Peninsular

**India:** Kerala, Western Ghats

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

## 6.Threat Status:

**IUCN:**

**BSI:**

**7.Habit and Habitat:**Terrestrial, In rock crevices, usually on limestone rocks

**8.Life Form:**

**9.Economic Importance:**

**10. Probable Progenitor of:**

**11.DNA**

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

|                           |  |
|---------------------------|--|
| 2C (0.20pg) <sup>11</sup> |  |
|---------------------------|--|

|  |                              |
|--|------------------------------|
|  | Flow cytometry <sup>11</sup> |
|--|------------------------------|

**12.Basic chromosome number(s):** $x=10^{7, 8, 9, 10}$

**13. Zygotic chromosome number(s):** $2n=20^7$

**14. Gametic chromosome number(s):** $n=10^{7, 8, 9, 10}$

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

Image file

**16.Ploidylevel:**Diploid (sexual) <sup>7, 8, 9, 10</sup>

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** 10II 8, 9, 10

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.):**