

# Species Datasheet

Datasheet No. A-074.002.010  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species  
Subspecies  
Variety *Asparagus filicinus* var. *brevifolia* Baker  
Cultivar  
Hybrid

Image file

2. **Synonyms:** *Protasparagus filicinus* var. *brevifolius* (Baker) Kamble

## 3. Systematic Position:

- |  |   |
|--|---|
| <b>APG IV (2016)</b> <ul style="list-style-type: none"><li>• Kingdom: Plantae</li><li>• Clade: Angiosperms</li><li>• Clade: Monocots</li><li>• Order: Asparagales</li><li>• Family: Asparagaceae Juss.</li><li>• Genus: <i>Asparagus</i> L.</li><li>• Species: <i>A. filicinus</i> Buch.-Ham. ex D.Don</li><li>• Variety: <i>A. filicinus</i> var. <i>brevifolia</i> Baker</li></ul> | <b>Bentham and Hooker (1862)</b> <p>Kingdom: Plantae<br/>Division: Phanerogamia<br/>Class: Monocotyledones<br/>Series: Coronarieae<br/>Ordo: Liliaceae Juss.<br/>Tribus: Asparageae Dumort.<br/>Genus: <i>Asparagus</i> L.<br/>Species: <i>A. filicinus</i> Buch.-Ham. ex D.Don<br/>Variety: <i>A. filicinus</i> var. <i>brevifolia</i> Baker</p> |
|--|---|

## 4. Distribution:

**Global:** Asia

**India:** North East India

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

## 6. Threat Status:

**IUCN:**

**BSI:**

7. **Habit and Habitat:** Grows in Temperate Mixed Forest.

8. **Life Form:** Hemicryptophyte

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:**

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**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; Translocations etc):**