

# Species Datasheet

Datasheet No. A-061.028.001  
(family.genus.species)

DBT- Network Programme

## 1.Taxon:

Species: *Chamaegastrodiavaginata* (Hook.f.) Seidenf.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. **Synonyms:** *Aphyllorchisvaginata* Hook.f., *Chamaegastrodiaexigua* (Rolfe) F.Maek., *Evrardiantheexigua* (Rolfe) Rauschert, *Hetaeriaexigua* (Rolfe) Schltr., *Spiranthesexigua* Rolfe

## 3.Systematic Position:

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Orchidoideae
- Tribe: Cranichideae
- Subtribe: Galeottiellinae
- Genus: *Chamaegastrodia* Makino & F.Maek.
- Species: *Chamaegastrodiavaginata* (Hook.f.) Seidenf.

## 4.Distribution:

**Global:** China, India, Japan, Korea, Tibet

**India:** Assam

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

## 6.Threat Status:

**IUCN:**

**BSI:**

7. **Habit and Habitat:** Terrestrial rhizomatous herb, grow along valleys and in damp places in evergreen forests

8. **Life Form:** Cryptophytes

9. **Economic Importance:**

10. **Probable Progenitor of:**

11. **DNA**

C-value

Methodology

**12. Basic chromosome number(s):  $x =$**

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

**14. Gametic chromosome number(s):  $n =$**

**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, aneusomy, polysomy):**

**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.):**