

# Genus Datasheet

CalU+SUK-Phase I

DatasheetNo. A-087.003  
(Family.Genus)

DBT- Network Programme

1. **Genus:** *Schumannianthus* Gagnep.

2. **Systematic Position:**

**APG IV (2016)**

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Zingiberales Griseb.
- Family: Marantaceae R.Br.
- Genus: *Schumannianthus* Gagnep.

**Bentham and Hooker (1862)**

Kingdom: Plantae  
Division: Phanerogamia  
Class: Monocotyledones  
Series: Epigynae  
Ordo: Scitamineae  
Genus: *Schumannianthus* Gagnep.

3. **Species:**

**Global:** 2

**India:** 1

4. **Taxonomic riddles:**

5. **Distribution:**

**Global:** Bangladesh, Borneo, Cambodia, India, Malaya, Myanmar, Philippines, Thailand, Vietnam

**India:** Assam, East Himalaya, Western Ghat, West Bengal

6. **Habit and Habitat:** Shrub

7. **Economic Importance:** The stems of *S. benthamianus* are used for making the Shital pati which is a traditional bed mat in Eastern India and Bangladesh

8. **DNA content range:**

**Methodology:**

9. **Basic chromosome number(s):**

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

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

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

13. **Ploidy level:**

14. **Nature of polyploidy (auto, segmental, allo, autoallo):**

15. **Aberrant chromosome number(s) (aneuploidy, aneusomaty, polysomaty):**

16. **Karyograms:**

**Meiosis:**

**17. Banding pattern(s):**

**18. Physical mapping of chromosomes:**

**GISH:**

**19. Phylogenetic relationship at Chromosomal; DNA level: DNA level<sup>1</sup>**

**20. Cytogenetic mechanism(s) underlying evolution**

**21. Linkage map:**

**22. Any other information:** Total number of species with reports = 0/1