

# Species Datasheet

Datasheet No. A-044.001.007  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species *Burmannia pusilla* Thwaites

Subspecies

Variety

Cultivar

Hybrid

Image file

2. **Synonyms:** *Burmannia coelestis* var. *pusilla* (Miers) Trimen, *Cyananthus pusillus* (Miers) Wall., *Gonianthes pusilla* Miers

## 3. Systematic Position:

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Dioscoreales Mart.
- Family: Burmanniaceae Blume
- Genus: *Burmannia* L.
- Species: *B. pusilla* Thwaites

### Bentham and Hooker(1862)

Kingdom: Plantae  
Division: Phanerogamia  
Class: Monocotyledones  
Series: Microspermae  
Ordo: BurmanniaceaeBlume  
Genus: *Burmannia*L.  
Species: *B. pusilla* Thwaites

## 4. Distribution:

**Global:** Indo-China, Shri Lanka.

**India:** Kerala, Maharashtra, Meghalaya, Tamil Nadu.

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

## 6. Threat Status:

IUCN:Least Concern

BSI:

7. **Habit and Habitat:**Herb.Grows intropical moist forest

8. **Life Form:**Chamaephytes

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 (Apoixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stainability; Translocations etc):**