

# Species Datasheet CalU+SUK-Phase I

Datasheet No. A-087.004.001  
(family.genus.species)

DBT- Network Programme

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## 1. Taxon:

Species: *Stachyphrynium placentarium* (Lour.) Clausager & Borchs.

Subspecies

Variety

Cultivar

Hybrid

Image file

**2. Synonyms:** *Maranta parviflora* A.Dietr., *M. placentaria* A.Dietr., *Phrynium densiflorum* Blume, *P. glabrum* Ridl., *P. parviflorum* Roxb., *P. placentarium* (Lour.) Merr., *P. sinicum* Miq., *P. tetranthum* K.Schum., *Phyllodes densiflora* Kuntze, *P. placentaria* Lour.

## 3. Systematic Position:

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Zingiberales Griseb.
- Family: Marantaceae R.Br.
- Genus: *Stachyphrynium* K.Schum.
- Species: *S. placentarium* (Lour.) Clausager & Borchs.

### Bentham and Hooker (1862)

Kingdom: Plantae  
Division: Phanerogamia  
Class: Monocotyledones  
Series: Epigynae  
Ordo: Scitamineae  
Genus: *Stachyphrynium* K.Schum.  
Species: *S. placentarium* (Lour.) Clausager & Borchs.

## 4. Distribution:

**Global:** Bangladesh, Borneo, Cambodia, China, Hainan, India, Jawa, Lesser Sunda Island, Malaya, Myanmar, Nepal, Philippines, Sumatera, Thailand, Tibet, Vietnam

**India:** Assam, East Himalaya

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

## 6. Threat Status:

IUCN

BSI

## 7. Habit and Habitat: Herb; wet places

## 8. Life Form:

**9. Economic Importance:** The leaves are used as a wrapping for food items

## 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:**

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; Translocations etc):**