# Species Datasheet CalU+SUK-Phase I

**Datasheet No. A-087.002.002** **DBT- Network Programme**
**(family.genus.species)**

**1. Taxon:**

Species: *Phrynium nicobaricum* Didr.
Subspecies
Variety
Cultivar
Hybrid

Image file

**2. Synonyms:** *Phacelophrynium nicobaricum* K. Schum., *Phrynium paniculatum* N.P.Balakr.

**3. Systematic Position:**

**APG IV (2016)**

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Zingiberales Griseb.
- Family: Marantaceae R.Br.
- Genus: *Phrynium* Willd.
- Species: *P. nicobaricum* Didr.

**Bentham and Hooker (1862)**
Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledones
Series: Epigynae
Ordo: Scitamineae
Genus: *Phrynium* Willd.
Species: *P. nicobaricum* Didr.

**4. Distribution:**

**Global:** India

**India:** Andaman and Nicobar Island

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

**6. Threat Status:**

**IUCN**

**BSI**

**7. Habit and Habitat:** Herb; shady places near streams, inland forests

**8. Life Form:**

**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:**

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):**