

# Genus Datasheet JamU+CalU+SUK-Phase I

Datasheet No. A-018.005  
(Family.Genus)

DBT- Network Programme

1. Genus: *Cyathocalyx* Champ.ex Hook.f. & Thomson

## 2. Systematic positions:

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Magnolids
- Order: Magnoliales Juss.
- Family: Annonaceae Juss.
- Genus: *Cyathocalyx* Champ. ex Hook.f. & Thomson

### Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Polypetalae
- Series: Thalamiflorae
- Cohors: Ranales
- Ordo: Annonaceae Juss.
- Genus: *Cyathocalyx* Champ. ex Hook.f. & Thomson

## 3. Species:

Global: 38

India: 2

## 4. Taxonomic riddles:

## 5. Distribution:

**Global:** Borneo, India, Laos, Malaya, Myanmar, Philippines, Sri Lanka, Sumatera, Thailand, Vietnam

**India:** Assam, Kerala, Meghalaya. Nagaland, Tamil Nadu

6. Habit and Habitat: Tree; tropical evergreen forests

## 7. Economic Importance:

## 8. DNA content range:

## Methodology

## 9. Basic chromosome number(s):

10. Zygotic chromosome number(s):  $2n = 16^1$

## 11. Gametic chromosome number(s):

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

13. Ploidy level: Diploid<sup>1</sup>

**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 atChromosomal; DNAlevel:**

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

**21. Linkage map:**

**22. Any other information:** Total number of species with reports = 2/2