

# Genus Datasheet    JamU+CalU+SUK-Phase I

**Datasheet No. A-018.004**

(Family.Genus)

**DBT- Network Programme**

**1. Genus:** *Cananga* (DC.) Hook.f. & Thomson

**2. Systematic positions:**

**APG IV (2016)**

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Magnolids
- Order: Magnoliales Juss.
- Family: Annonaceae Juss.
- Genus: *Cananga* (DC.) Hook.f. & Thomson

**Bentham and Hooker (1862)**

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Polypetalae
- Series: Thalamiflorae
- Cohors: Ranales
- Ordo: Annonaceae Juss.
- Genus: *Cananga* (DC.) Hook.f. & Thomson

**3. Species:**

**Global:**2

**India:** 1

**4. Taxonomic riddles:**

**5. Distribution:**

**Global:** Borneo, Cambodia, India, Java, Laos, Lesser Sunda Island, Malaya, Myanmar, New Guinea, Philippines, Queensland, Solomon Island, Sulawesi, Sumatera, Thailand, Vietnam, Bangladesh, Cook Island, Cuba, Dominican Republic, Fiji, Guatemala, Guinea, Gulf of Guinea Island, Haiti, Kenya, Leeward Island, Marquesas, Mexico Southwest, Nicaragua, Puerto Rico, Réunion, Samoa, Senegal, Seychelles, Society Island, Tanzania, Tonga, Trinidad-Tobago, Tuamotu, Tubuai Island, Vanuatu, Wallis-Futuna Island, Windward Island

**India:** South India

**6. Habit and Habitat:**Tall tree

**7.Economic Importance:**Yield an essential oil

**8. DNA content range:**

2C (1.6 pg)<sup>1</sup>

**Methodology**

Feulgen microdensitometry<sup>1</sup>

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

**10. Zygotic chromosome number(s):**2n= 16<sup>1,2</sup>

**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 at Chromosomal; DNA level:**

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

**21. Linkage map:**

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