

Genus Datasheet

Datasheet No. A-377.007
(Family: Genus)

DBT- Network Programme

1. Genus: *Codonacanthus* Nees

2. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Asterids
- Order: Lamiales
- Family: Acanthaceae Juss.
- Genus: *Codonacanthus* Nees

Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Gamopetalae
- Series: Bicarpellatae
- Cohors: Personales
- Ordo: Acanthaceae Juss.
- Genus: *Codonacanthus* Nees

3. Species:

Global: 3

India: 1

4. Taxonomic riddles: No

5. Distribution:

Global: Bhutan, Burma, Cambodia, China, India, Japan, Myanmar, Thailand and Vietnam

India: East Himalaya, North East India

6. Habit and Habitat: Herb, Evergreen broad-leaved forests, wet places in ravines

7. Economic Importance:

8. DNA content range:

Methodology:

2C

4C

9. Basic chromosome number(s):

10. Zygotic chromosome number (s):

11. Gametic chromosome number (s):

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

13. Ploidy level:
14. Nature of polyploidy (auto, segmental, allo, autoallo):
15. Aberrant chromosome number(s) (aneuploidy, aneusomaty, polysomaty):
16. Karyograms:
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: