

Datasheet No. A-061.024
(Family.Genus)

DBT- Network Programme

1. Genus: *Callostylis* Blume

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Epidendroideae
- Tribe: Podochileae
- Genus: *Callostylis* Blume

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledonae
Series: Microspermae
Ordo: Orchideae
Tribus: Epidendreae
Subtribus: Bletieae
Genus: *Callostylis* Blume

3. Species:

Global: 3 (accepted)

India: 2

4. Taxonomic riddles:

5. Distribution:

Global: India, Borneo, China South-Central, Jawa, Laos, Malaya, Myanmar, Nepal, Sulawesi, Sumatera, Thailand, Vietnam

India: East Himalaya, Assam

6. Habit and Habitat: Herbs, epiphytic on trees in mixed forests

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=20^{1, 2, 4}$

10. Zygotic chromosome number(s): $2n=40^{1, 4}$

11. Gametic chromosome number(s): $n=20^{1, 2, 4}$

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

13. Ploidy level: Diploid $^{1, 2, 4}$

14. Nature of polyploidy (auto, segmental, allo, autoallo):

15. Aberrant chromosome number(s) (aneuploidy, aneusomy, polysomy):

16. Karyograms:

Meiosis: 1

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:

22. Any other information: