

1. Genus: *Chelonistele* Pfitzer

Bentham and Hooker

Kingdom: Plantae

Division: Phanerogamia

Class: Monocotyledonae

Series: Microspermae

Ordo: Orchideae

Tribus: Epidendreae

Subtribus: Colleogyneae

Genus: *Coelogyne* Lindl.

2. Systematic Position:

APG IV

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Epidendroideae
- Tribe: Arethuseae
- Subtribe: Coelogyinae
- Genus: *Chelonistele* Pfitzer

3. Species:

Global: 13 (accepted)

India: 1

4. Taxonomic riddles:

5. Distribution:

Global: Bangladesh, Bismarck Archipelago, Borneo, Cambodia, Caroline Is., China North-Central, China South-Central, China Southeast, East Himalaya, Fiji, Hainan, India, Jawa, Laos, Lesser Sunda Is., Malaya, Maluku, Marianas, Myanmar, Nepal, New Caledonia, New Guinea, Philippines, Samoa, Santa Cruz

Is., Solomon Is., Sri Lanka, Sulawesi, Sumatera, Taiwan, Tonga, Vanuatu, Vietnam, West Himalaya

India:

6. Habit and Habitat:Epiphytic

7.Economic Importance:

8. DNA content range:

Methodology

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

10. Zygotic chromosome number(s):

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

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

13. Ploidy levelDiploid^{1, 2}

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

15. Aberrant chromosome number(s) (aneuploidy, aneusomaty, polysomaty):

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: