

1. Genus:*Conchidium* Griff.

Bentham and Hooker

Kingdom: Plantae

Division: Phanerogamia

Class: Monocotyledonae

Series: Microspermae

Ordo: Orchideae

Tribus: Epidendreae

Genus: *Conchidium* Griff.

2. Systematic Position:

APG IV

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

3. Species:

Global: 10 (accepted)

India: 6

4. Taxonomic riddles:

5. Distribution:

Global: Bangladesh, Borneo, Burundi, Cambodia, Cameroon, China South-Central, China Southeast, East Himalaya, Equatorial Guinea, Ethiopia, Fiji, Gabon, Ghana, Gulf of Guinea Is., Hainan, India, Kenya, Laos, Liberia, Malawi, Malaya, Mozambique, Myanmar, Nepal, New Caledonia, Nigeria, Rwanda, Sri

Lanka, Sudan, Sumatera, Tanzania, Thailand, Tibet, Uganda
Himalaya, Zambia, Zaire, Zimbabwe

India: East Himalaya, Andaman and Nicobar Islands

6. Habit and Habitat: Epiphyte

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=12^{1, 2, 9}$, $18^{3, 4, 5, 6, 8, 9}$, $21^{1, 2, 7, 9}$

10. Zygotic chromosome number(s): $2n=24+5B^1$, $24+10B^2$, $24+9B^1$, $42^{1, 2, 7, 9}$

11. Gametic chromosome number(s): $n=18^{3, 4, 5, 6, 8, 9}$

**12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene Chromosomes/
Neocentric chromosomes):** 1, 2

13. Ploidy level: Diploid $^{1, 2, 3, 4, 5, 6, 7, 8, 9}$

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: