

1. Genus: *Chiloschista* Lindl.

2. Systematic Position:

APG IV

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Epidendroideae
- Tribe: Vandeae
- Subtribe: Aeridinae
- Genus: *Chiloschista* Lindl.

Bentham and Hooker

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledonae
Series: Microspermae
Ordo: Orchideae
Tribus: Vandeae
Genus: *Sarcochilus* R.Br.

3. Species:

Global: 22

India: 2

4. Taxonomic riddles:

5. Distribution:

Global: Bangladesh, Cambodia, Caroline Is., China South-Central, China Southeast, East Himalaya, India, Jawa, Laos, Malaya, Maluku, Myanmar, Nepal, New Guinea, Northern Territory, Queensland, Sri Lanka, Taiwan, Thailand, Vietnam, West Himalaya

India: East Himalaya, Karnataka, Kerala, Uttarakhand

6. Habit and Habitat: Epiphytic

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=19^{1, 2, 3}$

10. Zygotic chromosome number(s): $2n=38^{1, 2, 3}$

11. Gametic chromosome number(s): $n=19^2$

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

13. Ploidy levelDiploid^{1, 2, 3}

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

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

16. Karyograms:

Meiosis:²

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: