

1. Genus:*Podochilus*Blume**2. Systematic Position:****APG IV (2016)**

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: OrchidaceaeJuss.
- Subfamily: Epidendroideae
- Tribe: Podochileae
- Genus: *Podochilus* Blume

3. Species:**Global:** 65**India:**4**4. Taxonomic riddles:**¹**5. Distribution:**

Global: Bangladesh, Bismarck Archipelago, Borneo, Cambodia, China South-Central, China Southeast, East Himalaya, India, Jawa, Laos, Lesser Sunda Is., Malaya, Maluku, Myanmar, Nepal, New Guinea, Nicobar Is., Philippines, Queensland, Solomon Is., Sri Lanka, Sulawesi, Sumatera, Thailand, Vietnam

India: Arunachal Pradesh, Assam, Meghalaya, Mizoram, Tripura, Sikkim, West Bengal, Kerala, Andaman & Nicobar Islands

6. Habit and Habitat:Epiphytic herb**7.Economic Importance:****8. DNA content range:****Methodology****9. Basic chromosome number(s):** $x=19^{2,3}$

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

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

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

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

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:

19. Phylogenetic relationship at Chromosomal; DNA level: 1

22. Any other information: