

1. Genus:*Cephalantheropsis* Guillaumin

2. Systematic Position:

APG IV

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Epidendroideae
- Tribe: Collabieae
- Genus: *Cephalantheropsis* Guillaumin

3. Species:

Global: 4 (accepted)

India: 2

4. Taxonomic riddles: ¹

5. Distribution:

Global: Andaman Is., Angola, Assam, Bangladesh, Bismarck Archipelago, Borneo, Burundi, Cambodia, Cameroon, Cape Provinces, Caroline Is., China North-Central, China South-Central, China Southeast, Colombia, Comoros, Congo, Cook Is., Costa Rica, Cuba, Dominican Republic, East Himalaya, El Salvador, Equatorial Guinea, Fiji, Gabon, Guatemala, Guinea, Gulf of Guinea Is., Hainan, Honduras, India, Jamaica, Japan, Jawa, Kazan-retto, Kenya, Korea, KwaZulu-Natal, Laos, Lesser Sunda Is., Liberia, Madagascar, Malawi, Malaya, Maluku, Marianas, Marquesas, Mauritius, Mexico Central, Mexico Gulf, Mexico Northeast, Mexico Southeast, Mexico Southwest, Mozambique, Myanmar, Nansei-shoto, Nepal, New Caledonia, New Guinea, New South Wales, Nigeria, Niue, Norfolk Is., Northern Provinces, Northern Territory, Ogasawara-shoto, Pakistan, Panamá, Philippines, Queensland, Rwanda, Réunion, Samoa, Santa Cruz Is., Seychelles, Sierra Leone, Society Is., Solomon Is., Sri Lanka, Sulawesi, Sumatera, Swaziland, Taiwan, Tanzania, Thailand, Tibet, Tonga, Tubuai Is., Uganda, Vanuatu, Vietnam, Wallis-Futuna Is., West Himalaya, Zambia, Zaire, Zimbabwe

India: Many Parts of India

6. Habit and Habitat: Terrestrial

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=20^{2, 3, 4, 5, 6, 7, 8}$

10. Zygotic chromosome number(s): $2n=40^{2, 5, 7, 8}$

11. Gametic chromosome number(s): $n=20^{3, 4, 6}$

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

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

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

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

16. Karyograms:

Number of chromosomes: 4, 6

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:¹

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: