

Datasheet No. A-061.027
(Family:Genus)

DBT- Network Programme

1. Genus:*Ceratostylis*Blume

2. Systematic Position:

APG IV

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

Bentham and Hooker

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledonae
Series: Microspermae
Ordo: Orchideae
Tribus: Epidendreae
Subtribus: Colleogyneae
Genus: *Ceratostylis* Blume

3. Species:

Global: 153 (accepted)

India: 3

4. Taxonomic riddles:

5. Distribution:

Global: Borneo, Cambodia, China South-Central, India, Hainan, Jawa, Laos, Lesser Sunda Is., Malaya, Maluku, Myanmar, Nepal, New Caledonia, New Guinea, Nicobar Is., Philippines, Santa Cruz Is., Solomon Is., Sulawesi, Sumatera, Thailand, Tibet, Vanuatu, Vietnam

India: East Himalaya

6. Habit and Habitat:Epiphytic

7.Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=19$ ¹

10. Zygotic chromosome number(s): $2n=38$ ¹

11. Gametic chromosome number(s): $n=19$ ¹

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

13. Ploidy levelDiploid¹

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

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

16. Karyograms:

Meiosis:

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:

22. Any other information: