

Datasheet No. A-061.042
(Family: Genus)

DBT- Network Programme

1. Genus: *Cremastra* Lindl.

Bentham and Hooker

Kingdom: Plantae

Division: Phanerogamia

Class: Monocotyledonae

Series: Microspermae

Ordo: Orchideae

Tribus: Vandeae

Subtribus: Cymbidieae

Genus: *Cremastra* Lindl.

2. Systematic Position:

APG IV

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link.
- Family: Orchidaceae Juss.
- Subfamily: Epidendroideae
- Tribe: Epidendreae
- Subtribe: Calypsoinae
- Genus: *Cremastra* Lindl.

3. Species:

Global: 4 (accepted)

India: 1

4. Taxonomic riddles:

5. Distribution:

Global: India, Bhutan, Nepal, China, Myanmar, Japan, Korea, Thailand

India: Assam, Nagaland, Arunachal Pradesh

6. Habit and Habitat:Terrestrial herb

7.Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=24^1, 25^3, 26^2$

10. Zygotic chromosome number(s): $2n=48^1, 50^3, 52^2$

11. Gametic chromosome number(s): $n=26^2$

**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

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: