

Genus Datasheet AmUL+SUK+NEHU

Datasheet No. A-061.007
(Family.Genus)

DBT- Network Programme

1. Genus: *Anthogonium* Wall. ex Lindl.

2. Systematic Position:

APG IV

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Epidendroideae
- Tribe: Arethuseae
- Subtribe: Arethusinae
- Genus: *Anthogonium* Wall. ex Lindl.

Bentham and Hooker

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledonae
Series: Microspermae
Ordo: Orchideae
Tribus: Epidendreae
Genus: *Anthogonium* Wall. ex Lindl.

3. Species:

Global: 1

India: 1

4. Taxonomic riddles:

5. Distribution:

Global: Bangladesh, Cambodia, China South-Central, India, China Southeast, East Himalaya, Laos, Myanmar, Nepal, Thailand, Tibet, Vietnam

India: East Himalayas

6. Habit and Habitat: Terrestrial herbs; Grassy slopes or thickets; 1200-2300 m

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=19^{2, 3, 4, 7}, 20^{5, 10, 11}, 21^{1, 9}, 27^{6, 8}$

10. Zygotic chromosome number(s): $2n=38^{2, 3, 4, 7}$, $40^{5, 10, 11}$, $42^{1, 9}$, $54^{6, 8}$

11. Gametic chromosome number(s): $n=19^{3, 4, 7}$, 20^5 , $27^{6, 8}$

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

13. Ploidy level: Diploid^{2, 3, 4, 5, 6, 7, 8, 10, 11}

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

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

16. Karyograms: ⁹

Meiosis: ^{2, 4, 9}

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:

21. Linkage map:

22. Any other information: