

Genus Datasheet AmUL+SUK+NEHU

Datasheet No. A-061.012
(Family.Genus)

DBT- Network Programme

1. Genus:*Brachycorythis*Lindl.

2. Systematic Position:

APG IV

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link.
- Family: Orchidaceae Juss.
- Tribe: Orchideae
- Subtribe: Orchidinae
- Genus: *Brachycorythis* Lindl.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledonae
Series: Microspermae
Ordo: Orchideae
Tribus: Ophrydeae
Subtribus: Diseae
Genus: *Brachycorythis* Lindl.

3. Species:

Global: 37

India: 7

4. Taxonomic riddles:

5. Distribution:

Global: India, Cambodia, Myanmar, Thailand, China

India: Assam, Mizoram, Manipur, Nagaland, Meghalaya, Arunachal Pradesh, Karnataka, Kerala, Tamil Nadu, Himachal Pradesh, Uttarakhand

6. Habit and Habitat: Terrestrial herb, grow in grassland area

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=19^1, 21^{2, 3, 4, 5, 6}, 23^7, 8, 9$

10. Zygotic chromosome number(s): $2n=38^1$, $42^{2,3,4,5,6}$, 46^7

11. Gametic chromosome number(s): $n=21^{2,3,5,6}$, $23^{7,8,9}$

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

13. Ploidy level: Diploid^{1, 2, 3, 4, 5, 6, 7, 8, 9}

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

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

16. Karyograms:^{2, 5}

Meiosis:^{3, 5, 8, 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: