

Genus Data Sheet

Datasheet No. A-078.002

(Family.Genus)

DBT- Network Programme

1. Genus: *Amischotolype* Hassk.

2. Systematic position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Clade: Commelinids
- Order: Commelinales Mirb. ex Bercht. & J. Presl
- Family: Commelinaceae Mirb.
- Genus: *Amischotolype* Hassk.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledones
Series: Coronarieae
Ordo: Commelinaceae Mirb.
Genus: *Amischotolype* Hassk.

3. Species:

Global: 10

India: 3

4. Taxonomic riddles:

5. Distribution:

Global: Paleotropic, mainly in South, East and Southeastern Asia (excluding Sri Lanka), tropical Africa.

India: Andhra Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim, Tripura

6. Habit and Habitat: Herb. Found in primary forests and along forest streams, surviving a long time after disturbance, on rather dry to swampy soils, also on limestone

7. Economic Importance:

8. DNA content range:

2C

4C

Methodology

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $2n=18^5 36^{1,2,3,4}$

11. Gametic chromosome number(s):

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

13. Ploidy level:

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:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: