

Species Data Sheet

Datasheet No. A-078.002.002
(family.genus.species)

DBT- Netw

1. Taxon:

Species: *Amischotolypemollissima* (Blume) Hassk.
Subspecies:
Variety:
Cultivar:
Hybrid:
Image file

2. Synonyms: *Amischotolypeglabrata* (Hassk.) Hassk., *A.marginata* (Blume) Hassk., *A.mollissima* var. *glabrata* (Hassk.) R.S.Rao, *A.mollissima* var. *marginata* (Blume) R.S.Rao, *Campeliaglabrata* Hassk., *C.marginata* Blume, *C.mollissima* Blume, *Forrestiadistans* Ridl., *E.glabrata* (Hassk.) Hassk., *F.marginata* (Blume) Hassk., *F.mollis* Hassk., *F.mollissima* (Blume) Koord., *F.rostrata* Hassk., *Polliapurpurea* C.B.Clarke, *Tradescantiamarginata* (Blume) Bouche

3. 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.
- Species: *A.mollissima* (Bl.) Hassk.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledones
Series: Coronarieae
Ordo: Commelinaceae Mirb.
Genus: *Amischotolype* Hassk.
Species: *A.mollissima* (Blume) Hassk.

4. Distribution:

Global: Sumatra to Jawa

India:

5. Indigenous/Exotic/Endemic; Cultivated/Wild:

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Herb, Tropical Moist Forest

8. Life Form: Hemicryptophytes

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-value

Methodology

12. Basic chromosome number(s):

13. Zygotic chromosome number(s): $2n=36^{3,4}$

14. Gametic chromosome number(s):

15. Specialized chromosomes (B chromosomes/Sex chromosomes/polytene chromosomes/Neocentric chromosomes):

Image file

16. Ploidy level:

Image file

17. Agametoploidy:

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

19. Genomic formula:

20. Aberrant chromosome number(s) (aneuploidy, aneusomy, polysomy):

21. Somatic chromosomes:

Karyotype:

Chromosome size:

NOR chromosome(s):

Degree of asymmetry: Image file

22. Banding pattern(s):

Image file

23. Physical mapping of chromosomes:

In situ hybridization

Image file

Fluorescent in situ hybridization

Image file

24. Genomic in situ hybridization:

Image file

25. Linkage map:

Image file

26. Chromosome associations:

Female meiosis:

Male meiosis:

Image file

27. Chromosome distribution at anaphase I:

28. Genetic diversity:

Chromosomal level:

Image file

DNA level

29. Any other information (Apomixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stainability; Translocations etc):