

Species Datasheet AmUL+SUK+NEHU

Datasheet No. A-061.001.004
(family.genus.species)

DBT-1

1. Taxon:

Species:

Subspecies:

Variety: *Acampepraemorsa* var. *longepedunculata* (Trimen) Govaerts

Cultivar

Hybrid

Image file

2. Synonyms: *Acampeintermedia* Rchb.f., *Acampelongifolia* (Lindl.) Lindl., *Acampemultiflora* (Lindl.) Lindl., *Acampepenangiana* Ridl., *Acampetaiwaniana* S.S.Ying, *Acampewightiana* var. *longipedunculata* Trimen, *Aeridesrigida* Buch.-Ham. ex Sm., *Gastrochiluslongifolius* (Lindl.) Kuntze, *Saccolabiumlongifolium* (Lindl.) Hook.f., *Vanda longifolia* Lindl., *Vanda multiflora* Lindl., *Vanda viminea* Guillaumin

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Epidendroideae
- Tribe: Vandae
- Subtribe: Aeridineae
- Genus: *Acampe* Lindl.
- Species: *Acampepraemorsa* (Roxb.) Blatt. & McCann
- Variety: *Acampepraemorsa* var. *longepedunculata* (Trimen) Govaerts

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledonae
Series: Microspermae
Ordo: Orchideae
Tribus: Vandae
Subtribus: Sarcantheae
Genus: *Acampe* Lindl.
Species: *Acampepraemorsa* (Roxb.) Blatt. & McCann
Variety: *Acampepraemorsa* var. *longepedunculata* (Trimen) Govaerts

4. Distribution:

Global: China, India (Western and Eastern Himalayas), Bangladesh, Nepal, Sri Lanka, Cambodia, Laos, Myanmar, Thailand, Vietnam, Malaya, and the Philippines in tropical valleys, 300-800m

India: Base of hills in Sikkim and Assam, Andaman Islands, Andhra Pradesh, Arunachal Pradesh, Jharkhand, Kerala, Madhya Pradesh, Rajasthan

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Grows as an epiphyte; Semi-Evergreen forests

8.Life Form:Phanerophytes

9.Economic Importance:Cultivated ornamental

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s): $x=19^5, 10, 11, 12, 13, 14, 18, 20$

13. Zygotic chromosome number(s): $2n=$

14. Gametic chromosome number(s): $n=19^5, 10, 11, 12, 13, 14, 18, 20$

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

Image file

16.Ploidy level:Diploid^{5, 10, 11, 12, 13, 14, 18, 20}

Image file

17.Agametoploidy:

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

19.Genomic formula:

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

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 19 II^{11, 13, 14}

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; Translocation etc.):