

Species Datasheet AmUL+SUK+NEHU

Datasheet No. A-061.014.007
(family.genus.species)

DBT- 1

1.Taxon:

Species: *Calanthe davidii* Franch.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms: *Calanthe bungoana* Ohwi, *Calanthe davidii* var. *bungoana* (Ohwi) T.Hashim., *Calanthe ensifolia* Rolfe, *Calanthe furcata* f. *matsudae* (Hayata) M.Hiroe, *Calanthe matsudae* Hayata, *Calanthe pachystalix* Rchb.f. ex Hook.f.

3.Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Epidendroideae
- Tribe: Collabieae
- Genus: *Calanthe* R.Br.
- Species: *Calanthe davidii* Franch.

Bentham and Hooker(1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledonae
Series: Microspermae
Ordo: Orchideae
Tribus: Epidendreae
Subtribus: Blettieae
Genus: *Calanthe* R.Br.
Species: *Calanthe davidii* Franch.

4.Distribution:

Global: China North-Central, China South-Central, China Southeast, East Himalaya, Japan, Nepal, India, Taiwan, Tibet, Vietnam, West Himalaya

India: Arunachal Pradesh, Himachal Pradesh, Uttarakhand

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

6.Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Terrestrial herbs

8. Life Form: Cryptophytes

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value

Methodology

12. Basic chromosome number(s): $x=$

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

14. Gametic chromosome number(s): $n=$

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, 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

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.):