

Datasheet No. A-061.014.013  
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Calantheodora* Griff.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms: *Calanthe angusta* Lindl., *Calanthe shweliensis* W.W.Sm., *Calanthe vaginata* Lindl.

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 odora* Griff.

Bentham and Hooker(1862)

Kingdom: Plantae

Division: Phanerogamia

Class: Monocotyledonae

Series: Microspermae

Ordo: Orchideae

Tribus: Epidendreae

Subtribus: Blettieae

Genus: *Calanthe* R.Br.

Species: *Calanthe odora* Griff.

4. Distribution:

**Global:** Bangladesh, Cambodia, China South-Central, India, China Southeast, East Himalaya, Laos, Thailand, Vietnam

**India:** Arunachal Pradesh, Assam, Manipur, Meghalaya, Nagaland, Sikkim, West Bengal

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, 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; Translocation etc.):**