

# Species Datasheet

Datasheet No. A-061.035.002  
(family.genus.species)

DBT-1

## 1.Taxon:

Species: *Coelogyne assamica* Linden & Rchb.f.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

## 2. Synonyms:

[\*Coelogyneannamensis\* Rolfe](#)

[\*Coelogyne dalatensis\* Gagnep.](#)

[\*Coelogyne dichroantha\* Gagnep.](#)

[\*Coelogyne fuscescens\* var. \*assamica\* \(Linden & Rchb.f.\) Pfitzer](#)

[\*Coelogyne saigonensis\* Gagnep.](#)

[\*Coelogyne siamensis\* Rolfe](#)

[\*Cymbidium evrardii\* Guillaumin](#)

## 3.Systematic Position:

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales
- Family: Orchidaceae Juss.
- Subfamily: Epidendroideae
- Tribus: Arethuseae
- Subtribus: Coelogyninae
- Genus: *Coelogyne* Lindl.
- Species: *Coelogyne assamica* Linden & Rchb.f.

### Bentham and Hooker(1862)

Kingdom: Plantae  
Division: Phanerogamia  
Class: Monocotyledonae  
Series: Microspermae  
Ordo: Orchideae  
Tribus: Epidendreae  
Subtribus: Coelogyneae  
Genus: *Coelogyne* Lindl.  
Species: *Coelogyne assamica* Linden & Rchb.f.

## 4.Distribution:

**Global:** China South-Central, India, Laos, Myanmar, Thailand, Tibet, Vietnam

**India:** Assam

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

## 6.Threat Status:

**IUCN:**

**BSI:**

**7.Habit and Habitat:**Epiphytic up to 700m.

**8.Life Form:** Phanerophyte

**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;Translocationsetc.):**