

# Species Datasheet

Datasheet No. A-061.035.030  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

**Species:** *Coelogyneschultesii* S.K.Jain & S.Das

Subspecies:

Variety:

Cultivar

Hybrid

Image file

## 2. Synonyms:

*Coelogynelongipes* var. *verruculata* S.C.Chen

## 3. Systematic Position:

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales
- Family: Orchidaceae Juss.
- Subfamily: Epidendroideae
- Tribus: Arethuseae
- Subtribus: Coelogyneae
- Genus: *Coelogyne* Lindl.
- Species: *Coelogyne schultesii* S.K.Jain & S.Das

### Bentham and Hooker(1862)

Kingdom: Plantae  
Division: Phanerogamia  
Class: Monocotyledonae  
Series: Microspermae  
Ordo: Orchideae  
Tribus: Epidendreae  
Subtribus: Coelogyneae  
Genus: *Coelogyne* Lindl.  
Species: *Coelogyne schultesii* S.K.Jain & S.Das

## 4. Distribution:

**Global:** Bangladesh, China South-Central, India, East Himalaya, Laos, Myanmar, Nepal, Thailand, Vietnam

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

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

## 6. Threat Status:

**IUCN:**

**BSI:**

**7. Habit and Habitat:** Epiphytic, 1500-2000m

**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 (Aponixis; Inversion; Male sterility;Pollen grain mitosis; Pollen stainability;Translocationsetc.):**