

# Species Datasheet

Datasheet No. A-061.070.025  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species: *Peristylus tentaculatus* (Lindl.) J.J.Smith

Subspecies:

Variety:

Cultivar

Hybrid

Image file

## 2. Synonyms:

*Coeloglossum formosanum* Makino & Hayata [Invalid]

*Glossaspis antennifera* Rchb.f.

*Glossaspis tentaculata* (Lindl.) Spreng.

*Glossula tentaculata* Lindl.

*Habenaria brevicarata* Fukuy.

*Habenaria formosana* Schltr.

*Habenaria tentaculata* (Lindl.) Rchb.f.

*Habenaria tentaculata* var. *acutifolia* Hayata

*Peristylus flagellifer* var. *acutifolius* (Hayata) Hatus.

*Peristylus formosanus* (Schltr.) T.P.Lin

## 3. Systematic Position:

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Orchidoideae
- Tribe: Orchideae
- Subtribe: Orchidinae
- Genus: *Peristylus* Blume
- Species: *Peristylus tentaculatus* (Lindl.) J.J.Smith

## 4. Distribution:

**Global:** India, Cambodia, China, Thailand and Vietnam

**India:** Kerala

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

## 6. Threat Status:

**IUCN:**

**BSI:**

**7.Habit and Habitat:**Tuberous herb; shola grasslands.

**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;Translocationsetc.):**