

Species Datasheet

Datasheet No. A-061.066.001
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Neottianthecucullata* (L.) Schltr.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms: *Coeloglossum alpinum* Schur, *Coeloglossum purpureum* Schur, *Gymnadeniacucullata* (L.) Rich., *Gymnadeniacucullata* var. *maculata* Nakai & Kitag., *Gymnadeniacucullata* subsp. *purpurea* (Schur) E.G.Camus, *Gymnadeniamonophylla* Ames & Schltr., *Gymnadeniapseudodiphylax* Kraenzl., *Gymnadeniascabringuis* Kraenzl., *Habenariacucullata* (L.) Höfft., *Himantoglossumcucullatum* (L.) Rehb., *Neottianthe angustifolia* K.Y.Lang, *Neottianthecucullata* f. *albiflora* P.Y.Fu, S.Z.Liu, *Neottianthecucullata* f. *maculata* Nakai & Kitag., *Neottianthemaculata* (Nakai & Kitag.) Nakai & Kitag., *Neottianthemonophylla* (Ames & Schltr.) Schltr., *Neottianthepseudodiphylax* (Kraenzl.) Schltr., *Neottianthepseudodiphylax* var. *monophylla* (Ames & Schltr.) Soó, *Orchis cucullata* L.

3.Systematic Position:

APG IV (2016)

- Kingdom:
- Clade:
- Clade:
- Clade:
- Order:
- Family:
- Subfamily:
- Genus:
- Species:
- Subspecies:
- Variety:

Bentham and Hooker(1862)

Kingdom:
Division:
Order:
Class:
Subclass:
Order:
Family:
Subfamily:
Genus:
Species:
Subspecies:
Variety:

4.Distribution:

Global: Altay, Amur, Baltic States, Belarus, Buryatiya, Central European Rus, China North-Central, China South-Central, China Southeast, Chita, East European Russia, East Himalaya, Inner Mongolia, Irkutsk, Japan, Korea, Manchuria, Mongolia, Nepal, Poland, Primorye, Qinghai, Sakhalin, Tibet, Tuva, Ukraine, West Siberia

India: East Himalaya

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:Terrestrial rhizomatous herb

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.):