

Species Datasheet

Datasheet No. A-061.066.003
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Neottianthes secundiflora* (Kraenzl.) Schltr.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. **Synonyms:** *Gymnadenia secundiflora* (Kraenzl.) Kraenzl., *Habenaria secundiflora* Hook.f. [Illegitimate], *Neottianthe mairei* Schltr., *Peristylus secundiflorus* Kraenzl.

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: China South-Central, Myanmar, Nepal, Tibet, Vietnam, India

India: Assam

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

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