

Species Datasheet

Datasheet No. A-061.057.013
(family.genus.species)

DBT- Networ

1. Taxon:

Species: *Goodyera schlechtendaliana* Rchb.f.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

[*Epipactis labiata* \(Pamp.\) Hu](#)

[*Epipactis melinoste* \(Schltr.\) Hu](#)

[*Epipactis schlechtendaliana* \(Rchb.f.\) A.A.Eaton](#)

[*Epipactis secundiflora* Hu](#)

[*Georchis schlechtendaliana* \(Rchb.f.\) Rchb.f.](#)

[*Goodyera japonica* Blume](#)

[*Goodyera labiata* Pamp.](#)

[*Goodyera melinoste* Schltr.](#)

[*Goodyera schlechtendaliana* f. *similis* \(Blume\) Makino](#)

[*Goodyera secundiflora* Lindl.](#)

[*Goodyera similis* Blume](#)

[*Orchidess schlechtendalium* \(Rchb.f.\) Kuntze](#)

[*Peramium schlechtendalium* \(Rchb.f.\) Makino](#)

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link.
- Family: Orchidaceae Juss.
- Subfamily: Orchidoideae
- Tribe: Cranichideae
- Subtribe: Goodyerinae
- Genus: *Goodyera* R.Br.
- Species: *Goodyera schlechtendaliana* Rchb.f.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledonae
Series: Microspermae
Ordo: Orchideae
Tribus: Neottieae
Subtribus: Spirantheae
Genus: *Goodyera* R.Br.
Species: *Goodyera schlechtendaliana* Rchb.f.

4. Distribution:

Global: India, Bhutan, Nepal, Myanmar, Thailand, Vietnam, Taiwan, China, Korea, Japan, Taiwan, Sumatra and Java, 1000-3000m

India: Eastern Himalayas

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat: Terrestrial herb, at 1500-1900m in thick forests

8.Life Form: Cryptophytes

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s): $x=15^{2,22, 35, 38, 39}$

13. Zygotic chromosome number(s): $2n=30^{22, 35, 38, 39}, 30+1B^{25}, 60^{35}$

14. Gametic chromosome number(s): $n=15^{5, 22, 26, 33}, 15+0-1B^{26, 33}$

15.Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene chromosomes/Neocentric chromosomes): $0-1B^{25}$

Image file

16.Ploidy level: $Diploid^{2,22, 25, 35, 38, 39}$

$Tetraploid^{35}$

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 15II+1B ^{26, 33}

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.):**