

Species Datasheet

Datasheet No. A-061.038.001
(family.genus.species)

DBT-1

1.Taxon:

Species: *Corallorhizatrifida* Châtel.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms: *Corallorhiza anandae* Malhotra & Balodi, *Corallorhiza corallorhiza* (L.) H.Karst., *Corallorhiza dentata* Host, *Corallorhiza ericetorum* Drejer, *Corallorhiza halleri* Rich., *Corallorhiza innata* R.Br., *Corallorhiza innata* subsp. *ericetorum* (Drejer) Nyman, *Corallorhiza innata* var. *virescens* (Drejer) Farr, *Corallorhiza intacta* Cham. & Schltdl., *Corallorhiza integra* Châtel., *Corallorhiza jacquemontii* Decne., *Corallorhiza nemoralis* Sw. ex Nyman, *Corallorhiza neottia* Scop., *Corallorhiza occidentalis* Bach.Pyl., *Corallorhiza trifida* var. *ericetorum* (Drejer) Rchb.f., *Corallorhiza trifida* f. *ericetorum* (Drejer) Soó, *Corallorhiza trifida* var. *integra* (Châtel.) Schinz & Thell., *Corallorhiza trifida* f. *integra* (Châtel.) Soó, *Corallorhiza trifida* f. *suaveolens* Bordz., *Corallorhiza trifida* var. *trifida*, *Corallorhiza trifida* f. *verna* (Nutt.) P.M.Br., *Corallorhiza trifida* var. *verna* (Nutt.) Fernald, *Corallorhiza trifida* subsp. *virescens* (Drejer) Løjtnant, *Corallorhiza trifida* var. *virescens* (Drejer) Farw., *Corallorhiza trifida* var. *virescens* (Farr) Fernald, *Corallorhiza verna* Nutt., *Corallorhiza virescens* Drejer, *Corallorhiza wyomingensis* Hellm. & K.Hellm., *Cymbidium corallorhiza* (L.) Sw., *Epidendrum corallorhizon* (L.) Poir., *Epipactis corallorhiza* (L.) Crantz, *Helleborine corallorhiza* (L.) F.W.Schmidt, *Neottia corallorhiza* (L.) Kuntze, *Ophrys corallorhiza* L.

3.Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Epidendroideae
- Tribe: Epidendreae
- Subtribe: Calypsoinae
- Genus: *Corallorhiza* Gagnebin
- Species: *Corallorhiza trifida* Châtel.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledonae
Series: Microspermae
Ordo: Orchideae
Tribus: Epidendreae
Subtribus: Liparicae
Genus: *Corallorhiza* Gagnebin
Species: *Corallorhiza trifida* Châtel.

4.Distribution:

Global: India, Nepal, China, Japan, Korea, Russia, Europe, North America

India: Jammu and Kashmir, Uttarakhand

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

6.Threat Status:

IUCN:Least Concern (LC)

BSI:

7.Habit and Habitat:Mycoheterotrophic

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.):**