

Species Datasheet

Datasheet No. A-061.050.002
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Didymoplexis pallens* Griff.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms: *Apetalon minutum* Wight, *Arethusa bengalensis* Hemsl., *Arethusa ecristata* Griff., *Cheirostylis kanarensis* Blatt. & McCann, *Didymoplexis brevipes* Ohwi, *Didymoplexis subcampanulata* Hayata, *Didymoplexis sylvatica* (Blume) Garay, *Epiphanes pallens* (Griff.) Rchb.f., *Gastrodia pallens* (Griff.) F.Muell., *Leucorchis minuta* (Wight) Blume, *Leucorchis sylvatica* Blume

3.Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Epidendroideae
- Tribe: Gastrodieae
- Genus: *Didymoplexis* Griff.
- Species: *Didymoplexis pallens* Griff.

4.Distribution:

Global: Afghanistan, Bangladesh, Borneo, China Southeast, Christmas I., East Himalaya, India, Japan, Jawa, Laos, Lesser Sund Is., Malaya, Myanmar, Nansei-shoto, Nepal, New Guinea, Niue, Northern Territory, Philippines, Queensland, Sri Lanka, Sumatera, Taiwan, Thailand, Vanuatu, Vietnam, Western Australia

India: Andhra Pradesh, Arunachal Pradesh, Assam, Meghalaya, Goa, Karnataka, Kerala, Odisha, Sikkim, Tamil Nadu, West Bengal

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:Rhizomatous herb, 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, aneusomy, polysomy):

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; Translocation etc.):