

Species Datasheet

Datasheet No. A-061.053.002
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Disperis neilgherrensis* Wight

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms: *Disperis zeylanica* var. *neilgherrensis* (Wight) Pradhan, *Disperis javanica* J.J.Sm., *Disperis lantauensis* S.Y.Hu, *Disperis orientalis* Fukuy., *Disperis palawensis* (Tuyama) Tuyama, *Disperis papuana* Michol. & Kraenzl., F.W.L.Kraenzlin, *Disperis philippinensis* Schltr., *Disperis rhodoneura* Schltr., K.M.Schumann & C.A.G.Lauterbach, Fl. Schutzgeb. Südsee, *Disperis siamensis* Rolfe ex Downie, *Disperis teleplana* Maek., *Disperis walkerae* Rchb.f., *Disperis zeylanica* Trimen, *Pantlingia palawensis* (Tuyama) Rauschert, *Stigmatodactylus palawensis* Tuyama

3.Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: orchidoideae
- Tribe: Orchideae
- Subtribe: Brownleeinae
- Genus: *Disperis* Sw.
- Species: *Disperis neilgherrensis* Wight

Bentham and Hooker(1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledonae
Series: Microspermae
Ordo: Orchideae
Tribus: Ophrydeae
Subtribus: Corycieae
Genus: *Disperis* Sw.
Species: *Disperis neilgherrensis* Wight

4.Distribution:

Global: Caroline Is., China Southeast, India, Jawa, Lesser Sunda Is., Maluku, Myanmar, Nansei-shoto, New Guinea, Philippines, Sri Lanka, Taiwan, Thailand

India: Meghalaya, Karnataka, Kerala, Tamil Nadu, Odisha

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat: Terrestrial tuberous herb, evergreen forests and grasslands

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.):**