

Species Datasheet

Datasheet No. A-061.112.011
(family.genus.species)

DBT-1

1.Taxon:

Species: *Zeuxinenervosa* (Wall. ex Lindl.) Benth. ex Trimen

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

[*Adenostylisformosana* \(Rolfe\) Hayata](#)

[*Adenostylisamboangensis* Ames](#)

[*Haplochlilusnervosus* \(Wall. ex Lindl.\) D.Dietr.](#)

[*Hetaerianervosa* Lindl. ex Wall. \[Invalid\]](#)

[*Heterozeuxinenervosa* \(Wall. ex Lindl.\) T.Hashim.](#)

[*Monochilusnervosus* Wall. ex Lindl.](#)

[*Zeuxinecognata* Ohwi & T.Koyama](#)

[*Zeuxinefluvida* Fukuy.](#)

[*Zeuxineformosana* Rolfe](#)

[*Zeuxinehengchuanense* S.S.Ying](#)

[*Zeuxinesomae* Tuyama](#)

[*Zeuxinevittata* Rolfe ex Downie](#)

[*Zeuxinezamboangensis* \(Ames\) Ames](#)

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: *Zeuxine* Lindl.
- Species: *Zeuxine nervosa* (Wall. ex Lindl.) Benth. ex Trimen

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledonae
Series: Microspermae
Ordo: Orchideae
Tribus: Neottieae
Subtribus: Spirantheae
Genus: *Zeuxine* Lindl.
Species: *Zeuxine nervosa* (Wall. ex Lindl.) Benth. ex Trimen

4.Distribution:

Global: Bangladesh, Bhutan, Cambodia, China, India, Japan, Laos, Nepal, New Guinea, Philippines, Sri Lanka, Taiwan, Thailand and Vietnam

India: Andaman & Nicobar Islands, Arunachal Pradesh, Assam, Manipur, Nagaland, Odisha, Sikkim and West Bengal.

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat: Terrestrial tuberous herb, rare, it grows along the perennial streams under deep shady conditions in humus rich sils of semievergreen forests (500-100 m).

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.):