

Species Datasheet

Datasheet No. A-061.112.010
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Zeuxine membranacea* Lindl.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

[*Tripleura pallida* Lindl.](#)

[*Zeuxine debrajiana* Sud. Chowdhury](#)

[*Zeuxine evrardii* Gagnep.](#)

[*Zeuxine godefroyi* Rchb.f.](#)

[*Zeuxine tripleura* Lindl.](#) [Illegitimate]

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 membranacea* Lindl.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledonae
Series: Microspermae
Ordo: Orchideae
Tribus: Neottieae
Subtribus: Spiranthaeae
Genus: *Zeuxine* Lindl.
Species: *Zeuxine membranacea* Lindl.

4. Distribution:

Global: Bangladesh, Myanmar, Thailand, Laos, Cambodia, Vietnam, Hong Kong and New Guinea,

India: Assam, Bihar, Himachal Pradesh, Punjab, West Bengal

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

6. Threat Status:

IUCN:

BSI:

7.Habit and Habitat:Medium sized tuberous herb, hot to warm growing terrestrial, 50-1100m

8.Life FormCryptophytes

9.Economic Importance:ornamental

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s): $x=10^{12}$

13. Zygotic chromosome number(s): $2n=40^{12}$

14. Gametic chromosome number(s): $n=$

15.Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene chromosomes/Neocentric chromosomes):

Image file

16.Ploidy level:Tetraploid¹²

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.):