

Species Datasheet AmUL+SUK+NEHU

Datasheet No. A-061.008.001
(family.genus.species)

DBT- 1

1.Taxon:

Species: *Arachnislabrosa* (Lindl. & Paxton) Rchb.f.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms: *Arachnanthebilinguis* Benth. [Invalid], *Arachnisbilinguis* Benth. [Invalid], *Arachnislabrosa* var. *labrosa*, *Arrhynchiumlabrosum* Lindl. & Paxton, *Armadorumlabrosum* (Lindl. & Paxton) Schltr., *Arrhynchiumlabrosum* Lindl. ex J. Paxton, *Renantherabilinguis* Rchb.f., *Renantheralabrosa* (Lindl. & Paxton) Rchb.f., *Renantheraleptantha* Fukuy. ex A.T.Hsieh

3.Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Epidendroideae
- Tribe: Vandeeae
- Subtribe: Aeridinae
- Genus: *Arachnis* Blume
- Species: *Arachnislabrosa* (Lindl. & Paxton) Rchb.f.

Bentham and Hooker(1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledonae
Series: Microspermae
Ordo: Orchideae
Tribus: Vandeeae
Genus: *Arachnanthe* Blume
Species: *Arachnislabrosa* (Lindl. & Paxton) Rchb.f.

4.Distribution:

Global: India, Bhutan, Myanmar, Thailand, Vietnam, Hainan, Yunnan China, Taiwan

India: Eastern Himalayas, Assam, Sikkim, Nagaland

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat: Monopodial epiphyte or lithophyte

8.Life Form: Phanerophytes

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

12. Basic chromosome number(s): $x=19^1$

13. Zygotic chromosome number(s): $2n=38^1$

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

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

Image file

16. Ploidy level:Diploid¹

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.):**