

Species Datasheet

Datasheet No. A-061.044.001
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Cryptostylisarachnites* (Blume) Hassk.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms: *Chlorosa latifolia* Blume, *Cryptostylis alismifolia* F.Muell., *Cryptostylisarachnites* (Blume) Blume, *Cryptostylisarachnites* var. *arachnites*, *Cryptostyliserythroglossa* Hayata, *Cryptostylisfulva* Schltr., *Cryptostylisfulva* var. *subregularis* Schltr., *Cryptostylis papuana* Schltr., *Cryptostylisstenochila* Schltr., *Cryptostylisvitiensis* Schltr., *Cryptostyliswalkerae* (Wight) Blume, *Cryptostyliszeylanica* (Lindl.) Blume, *Zosterostylis arachnites* Blume, *Zosterostyliswalkerae* Wight, *Zosterostyliszeylanica* Lindl.

3.Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Orchidoideae
- Tribe: Diurideae
- Subtribe: Cryptostylidinae
- Genus: *Cryptostylis* R.Br.
- Species: *Cryptostylis arachnites* (Blume) Hassk.

Bentham and Hooker(1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledonae
Series: Microspermae
Ordo: Orchideae
Tribus: Neottieae
Subtribus: Diurideae
Genus: *Cryptostylis* R.Br.
Species: *Cryptostylis arachnites* (Blume) Hassk.

4.Distribution:

Global: Bismarck Archipelago, Borneo, Cambodia, China Southeast, Fiji, Jawa, Laos, Lesser Sunda Is., Malaya, India, Maluku Myanmar, Nansei-shoto, New Caledonia, New Guinea, Philippines, Samoa, Solomon Is., Sri Lanka, Sulawesi, Sumatera, Taiwan Thailand, Vanuatu, Vietnam

India: Meghalaya, Sikkim, Andaman & Nicobar Islands

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat: Terrestrial rhizomatous herb

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;Translocationsetc.):**