

Species Datasheet

Datasheet No. A-061.019.001
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Apostasianuda* R.Br.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms: *Adactyluslobbii* (Rchb.f.) Rolfe, *Adactylusnudus* (R.Br.) Rolfe, *Apostasiabrunonis* Griff., *Adactylusbrunonis* (Griff.) Cretz., *Apostasialobbii* Rchb.f.

3.Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Apostasioideae
- Genus: *Apostasia* Blume
- Species: *Apostasia nuda* R.Br.

Bentham and Hooker(1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledonae
Series: Microspermae
Ordo: Orchideae
Tribus: Cyrtipediaceae
Genus: *Apostasia* Blume
Species: *Apostasia nuda* R.Br.

4.Distribution:

Global: Bangladesh, Borneo, Cambodia, Jawa, Malaya, Myanmar, Sumatera, Thailand, Vietnam, Indonesia, India

India: Arunachal Pradesh, Assam

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):

13. Zygotic chromosome number(s):

14. Gametic chromosome number(s):

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; Translocation etc.):