

Species Datasheet

Datasheet No. A-061.092.001
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Scaphyglottisemarginata* (Garay) Dressler

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms: *Fractiunguisreflexus* (Rchb.f.) Schltr., *Hexiseareflexa* Rchb.f., *Reichenbachanthusemarginatus* Garay

3.Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Epidendroideae
- Tribe: Epidendreae
- Subtribe: Laeliinae
- Genus: *Scaphyglottis* Poepp. & Endl.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledonae
Series: Microspermae
Ordo: Orchideae
Tribus: Epidendreae
Subtribus: Stenoglosseae
Genus: *Scaphyglottis* Poepp. & Endl.

4.Distribution:

Global: Cuba, Dominican Republic, Suriname

India:

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:Terrestrial tuberous herb

8.Life Form:Cryptophytes

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): $n=19$ ¹

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: ¹

Karyotype Median, submedian¹

Chromosome size Small¹

NOR chromosome(s)4¹

Degree of asymmetry Symmetrical¹

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.):