

Species Datasheet

Datasheet No. A-061.036.001
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Collabiumchinense* (Rolfe) Tang &F.T.Wang

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:*Chrysoglossumrobinsonii*Ridl., *Collabiopsis chinensis* (Rolfe) S.S.Ying,*Collabiopsisuraisensis* (Fukuy.) S.S.Ying, *Collabiumbalansae* (Gagnep.) Tang &F.T.Wang, *Collabiumuraiense*Fukuy., *Nephelaphyllumchinense* Rolfe, *Tainiabalansae*Gagnep., *Tainia chinensis* (Rolfe) Gagnep.

3.Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: OrchidaceaeJuss.
- Subfamily:Epidendroideae
- Tribe:Collabieae
- Genus: *Collabium* Blume
- Species: *Collabiumchinense* (Rolfe) Tang &F.T.Wang

Bentham and Hooker(1862)

Kingdom: Plantae

Division: Phanerogamia

Class: Monocotyledonae

Series: Microspermae

Ordo: Orchideae

Tribus: Epidendreae

Subtribus: Dendrobieae

Genus: *Collabium* Blume

Species: *Collabiumchinense* (Rolfe) Tang &F.T.Wang

4.Distribution:

Global:China South-Central, China Southeast, Hainan, Myanmar, Taiwan, Thailand, Vietnam, India

India: Arunachal Pradesh

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:Terrestrial rhizomatous herb, rocky places in forests

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, 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 (Apoixis; Inversion; Male sterility;Pollen grain mitosis;
Pollen stainability;Translocationetc.):**