

Species Datasheet

Datasheet No. A-061.032.001
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Chrysoglossum assamicum* Hook.f.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. **Synonyms:** *Chrysoglossum sinense* Mansf., *Collabiopsis assamica* (Hook.f.) S.S.Ying, *Collabium assamicum* (Hook.f.) Seidenf.

3.Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Epidendroideae
- Tribe: Collabiaceae
- Genus: *Chrysoglossum* Blume
- Species: *Chrysoglossum assamicum* Hook.f.

Bentham and Hooker(1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledonae
Series: Microspermae
Ordo: Orchideae
Tribus: Epidendreae
Subtribus: Dendrobieae
Genus: *Chrysoglossum* Blume
Species: *Chrysoglossum assamicum* Hook.f.

4.Distribution:

Global: India, China, Thailand, Tibet, Vietnam

India: Arunachal Pradesh, Assam, Meghalaya, Manipur

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

6.Threat Status:

IUCN:

BSI:

7. **Habit and Habitat:** Terrestrial rhizomatous herb, rocky places along valleys or 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, 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; Translocation etc.):