

Species Datasheet

Datasheet No. A-061.072.014
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Pinalia stricta* (Lindl.) Kuntze

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. **Synonyms:** *Cymboglossum strictum* (Lindl.) Brieger, *Eriasecundiflora* Griff., *Eria stricta* Lindl., *Mycaranthes stricta* (Lindl.) Lindl. ex Wall., *Mycaranthes stricta* (Lindl.) Lindl., *Octomeria secunda* Wall. ex Lindl.

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Epidendroideae
- Tribe: Podocheileae
- Genus: *Pinalia* Lindl.
- Species: *Pinalia stricta* (Lindl.) Kuntze

4. Distribution:

Global: India, Bangladesh, Bhutan, Nepal, China, Myanmar, Thailand

India: Arunachal Pradesh, Assam, Manipur, Meghalaya, Nagaland, Sikkim, West Bengal

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

6. Threat Status:

IUCN:

BSI:

7. **Habit and Habitat:** Epiphytic herb

8. **Life Form:** Phanerophytes

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 (Apomixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stainability; Translocation etc.):