

Species Datasheet

Datasheet No. A-061.079.005
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Pomatocalpaspicatum* Breda, Kuhl & Hasselt

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

[*Cleisostomacrassum*Ridl.](#)

[*Cleisostomaexpansum*Rchb.f.](#)

[*Cleisostomamannii*Rchb.f.](#)

[*Cleisostomauteriferum*Hook.f.](#)

[*Cleisostomavitellinum*Rchb.f.](#)

[*Cleisostomawendlandorum*Rchb.f.](#)

[*Pomatocalpaexpansum* \(Rchb.f.\) J.J.Sm](#)

[*Pomatocalpamannii* \(Rchb.f.\) J.J.Sm](#)

[*Pomatocalpasetulense* \(Ridl.\) Holttum](#)

[*Pomatocalpavitellinum* \(Rchb.f.\) Ames](#)

[*Pomatocalpawendlandorum* \(Rchb.f.\) J.J.Sm](#)

[*Saccolabiumhobsonii*Ridl.](#)

[*Saccolabiumsetulense*Ridl.](#)

[*Saccolabiumuteriferum* \(Hook.f.\) Ridl.](#)

[*Saccolabiumwendlandianum* \(Rchb.f.\) Kraenzl.](#)

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Epidendroideae
- Tribe: Vandeae
- Subtribe: Aeridinae
- Genus: *Pomatocalpa* Breda
- Species: *Pomatocalpa spicatum* Breda, Kuhl & Hasselt

4. Distribution:

Global: Eastern Himalayas, Assam, Bhutan, Sikkim, Andaman Islands, Myanmar, Thailand, Laos, southern China, Vietnam, the Malay peninsula, Sumatra, Java, Borneo, Lesser Sunda Islands, Sulawesi and the Philippines in evergreen lowland forests and primary montane forests at elevations of 200 to 1600 m

India: Andaman & Nicobar Islands, Andhra Pradesh, Arunachal Pradesh, Sikkim

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:Hot to cool growing epiphytic herb

8.Life Form:Phanerophytes

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s): $x=19^{1,2}$

13. Zygotic chromosome number(s): $2n=38^{1,2}$

14. Gametic chromosome number(s): $n=$

15.Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene chromosomes/Neocentric chromosomes):

Image file

16.Ploidy level:Diploid^{1,2}

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:²

Karyotype Median, submedian²

Chromosome size Small to medium²

NOR chromosome(s) 4²

Degree of asymmetry Symmetrical²

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; Translocation etc.):