

Species Datasheet

Datasheet No. A-061.093.004
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Schoenorchismicrantha* Reinw. ex Blume

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. **Synonyms:** *Ascocentrummicranthum* (Reinw. ex Blume) Holttum, *Gastrochiluschionanthus* (Lindl.) Kuntze, *Gastrochilusperpusillus* (Hook.f.) Kuntze, *Saccolabiumchionanthum* Lindl., *Saccolabiumperpusillum* Hook.f., *Saccolabiumplebejum* J.J.Sm., *Schoenorchisdensiflora* Schltr., *Schoenorchisdensiflora* var. *abbreviata* Schltr., *Schoenorchisplebeja* (J.J.Sm.) J.J.Sm.

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: *Schoenorchis* Reinw. ex Blume
- Species: *Schoenorchis micrantha* Reinw. ex Blume

4.Distribution:

Global: Borneo, Fiji, Jawa, Lesser Sunda Is., Malaya, New Caledonia, New Guinea, Philippines, Queensland, Samoa, Solomon Is., Sumatra, Thailand, Vanuatu, Vietnam

India: Himalayas at low elevations up to 1300m

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

6.Threat Status:

IUCN:

BSI:

7.**Habit and Habitat:** Epiphytic herb, Tropical Moist Forest below 1300m

8.**Life Form:** Phanerophytes

9.**Economic Importance:** Ornamental

10. **Probable Progenitor of:**

11.DNA

C-value Methodology

12.Basic chromosome number(s): $x=19^{1, 6, 7, 9}$

13. Zygotic chromosome number(s): $2n=38^{1, 6, 7, 9}$

14. Gametic chromosome number(s): $n=19^9$

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

Image file

16.Ploidy level: Diploid^{1, 6, 7, 9}

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 1911⁹

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;Translocationsetc.):**