

Datasheet No. A-061.003.011
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Aeridesringens*(Lindl.) C.E.C.Fisch.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms: *Aerideslinearis* Hook.f., *Aeridesradicosa* A.Rich., *Gastrochilus laxiflorus* Kuntze, *Gastrochilusringens* (Lindl.) Kuntze, *Gastrochilus wightianus* (Lindl.) Kuntze, *Saccolabiumlineare* Lindl. ex Wall. [Invalid], *Saccolabiumlineare* Lindl., *Saccolabiumpaniculatum* Wight, *Saccolabiumringens* Lindl., *Saccolabiumrubrum* Wight [Illegitimate], *Saccolabiumwightianum* Lindl.

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: *Aerides* Lour.
- Species: *Aeridesringens* (Lindl.) C.E.C.Fisch.

Bentham and Hooker (1862)

Kingdom: Plantae

Division: Phanerogamia

Class: Monocotyledonae

Series: Microspermae

Ordo: Orchideae

Tribus: Vandeae

Subtribus: Sarcantheae

Genus: *Aerides* Lour.

Species: *Aeridesringens* (Lindl.) C.E.C.Fisch.

4. Distribution:

Global: Chinese Himalayas, western Himalayas, Bangladesh, Eastern Himalayas, India, Nepal, Myanmar, Thailand, Laos, Cambodia, Vietnam, Malaysian peninsular, Borneo, Sumatra, Java, Philippine

India: Western Ghats, Assam, Andaman Islands

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Epiphyte; grows in warm climate in moist deciduous semi evergreen forests

8. Life Form: Phanerophytes

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s): $x=19^{2, 9, 14}$

13. Zygotic chromosome number(s): $2n=38^{2, 9, 14}$

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

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

Image file

16.Ploidy level: Diploid^{2, 9, 14}

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;Translocationsetc.):**