

Species Datasheet

Datasheet No. A-061.055.001
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Erythrorchisaltissima* (Blume) Blume

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. **Synonyms:** *Cyrtosiaaltissima* Blume, *Erythrorchisochobiensis* (Hayata) Garay, *Galeolaaltissima* (Blume) Rchb.f., *Galeolaochobiensis* Hayata, *Haematorchisaltissima* (Blume)Blume, *Vanillataiwaniana* S.S.Ying

3.Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily:Vanilloideae
- Tribe: Vanilleae
- Genus:*Erythrorchis* Blume
- Species: *Erythrorchis altissima* (Blume) Blume

4.Distribution:

Global: Borneo, Cambodia, India, Hainan, Japan, Jawa, Laos, Malaya, Myanmar, Nansei-shoto, New South Wales, Philippines, Queensland, Sumatera, Taiwan, Thailand, Vietnam

India: Andaman & Nicobar Islands, Arunachal Pradesh, Assam

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

6.Threat Status:

IUCN:

BSI:

7. **Habit and Habitat:** climbing or scrambling, mycoheterotrophic

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, 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.):