

A-061.003.002

1. **Genus:** *Aerides* Lour.

2. **Species, Subspecies, Variety, cultivar, hybrid :**

Accepted name: *Aerides crassifolia* C.S.P.Parish ex Burb.

3. **Synonym:** *Aerides expansa* Rchb.f.

4. **Systematic Position:**

APG IV

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Epidendroideae
- Tribe: Vandaeae
- Subtribe Aeridinae
- Genus: *Aerides* Lour.
- Species: *Aerides crassifolia* C.S.P.Parish ex Burb.

Bentham and Hooker

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledonae
Series: Microspermae
Ordo: Orchideae
Tribus: Vandaeae
Subtribus: Sarcantheae
Genus: *Aerides* Lour.
Species: *Aerides crassifolia* C.S.P.Parish ex Burb.

5. **Distribution: World:** Myanmar, Laos, Vietnam and northeastern Thailand

India: Eastern Himalayas

6. **Exotic/Cultivated/ Endemic/Wild:** Indigenous, wild

7. **Status (IUCN):**

8. **Habit and Habitat:** Epiphyte, semi-deciduous or deciduous forests from sea level to 1300m

9. **Life Form:** Phanerophytes

10. **Economic Importance:** Ornamental

11. (Probable) Progenitor of crop plants:

12. DNA C-value:

1C (pg, mbp)*

2C (pg)

4C (pg)

* calculated value

Methodology:

13. Basic chromosome number(s): 19

14. Zygotic chromosome number(s): **38** (Sau & Sharma 1983 Cytologia)

15. Gametic chromosome number(s):

16. Specialized Chromosomes (B chromosomes/ Sex chromosomes/ Ring chromosomes, etc.):

17. Ploidy level: Diploid

18. Agametoploidy :

19. Nature of polyploidy (Auto, segmental, allo. Autoallo):

20. Genomic formula:

21. Aberrant chromosome number(s)(aneuploidy, aneusomaty, polysomaty) :

22. Karyotype details, chromosome size, number of secondarily constricted chromosomes and degree of asymmetry:
 23. Chromosome associations:
 24. Chromosome distribution at Anaphase I :
 25. Pollen stainability (%):
 26. Banding pattern(s):
 27. Physical mapping of chromosomes:
 28. Genetic diversity, chromosomal/DNA level:
 29. Photographs (hyperlink):
 30. References
- Author:
- Year :
- Page:
- Volume:
- Article Name:
- Journal Name:
- Book name:
31. Any other information/ Comments from IBIN:

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(Data collated by) (Checked by)

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