

Datasheet No. A-061.001.002
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Acampeochracea*(Lindl.) Hochr.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms: *Acampe dentate* Lindl., *Acampegriffithii* Rchb.f., *Gastrochilusochraceus* (Lindl.) Kuntze, *Saccolabiumlineolatum* Thwaites, *Saccolabiumochraceum* Lindl.

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Epidendroideae
- Tribe: Vandeeae
- Subtribe: Aeridineae
- Genus: *Acampe* Lindl.
- Species: *Acampeochracea*(Lindl.) Hochr.

Bentham and Hooker(1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledonae
Series: Microspermae
Ordo: Orchideae
Tribus: Vandeeae
Subtribus: Sarcantheae
Genus: *Acampe* Lindl.
Species: *Acampeochracea*(Lindl.) Hochr.

4. Distribution:

Global: Asia, India, Africa, Bangladesh, Cambodia, Laos, Myanmar, Sri Lanka, Thailand, Vietnam, China, Philippines, Madagascar, and Islands of Indian Ocean

India: Assam, Arunachal Pradesh, Meghalaya and Sikkim, Western Ghats low altitudes

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

6. Threat Status:

IUCN: Least concern ver 3.1

BSI:

7. Habit and Habitat: Epiphytic, Moist deciduous and semi-evergreen forests, 700-1200m

8. Life Form: Phanerophytes

9. Economic Importance: Cultivated ornamental

10. Probable Progenitor of:

11. DNA

C-value Methodology

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

13. **Zygotic chromosome number(s):** $2n=38$ ^{2, 14, 19}

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

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

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16. **Ploidy level:** Diploid^{2, 14, 19}

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:**¹⁴

Karyotype Median, submedian, 4 subterminal pairs¹⁴

Chromosome size Small¹⁴

NOR chromosome(s)

Degree of asymmetry Moderately asymmetrical¹⁴

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 19II¹⁴

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.):