

Species Datasheet

Datasheet No. A-061.017.001
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Aenhenrya rotundifolia* (Blatt.) C.S.Kumar&F.N.Rasm.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. **Synonyms:** *Aenhenrya agastyamalayana* Gopalan, *Anoectochilus rotundifolius* (Blatt.) N.P.Balakr., *Odontochilus rotundifolius* Blatt.

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Orchidoideae
- Tribe: Cranichideae
- Subtribe: Goodyerinae
- Genus: *Aenhenrya* Gopalan
- Species: *Aenhenrya rotundifolia* (Blatt.)
C.S.Kumar&F.N.Rasm

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledonae
Series: Microspermae
Ordo: Orchideae
Tribus: Neottieae
Subtribus: Spiranthaeae
Genus: *Aenhenrya* Gopalan
Species: *Aenhenrya rotundifolia* (Blatt.)
C.S.Kumar&F.N.Rasm

4. Distribution:

Global: India

India: Karnataka, Kerala, Tamil Nadu

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

6. Threat Status:

IUCN:

BSI: Endemic

7. **Habit and Habitat:** Terrestrial herb, grow in evergreen forests

8. **Life Form:** Cryptophytes

9. **Economic Importance:**

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s):

13. Zygotic chromosome number(s):

14. Gametic chromosome number(s):

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.):