

Datasheet No. A-240.001.004
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Acer cappadocicum*Gled.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms:[*Acer cappadocicum* f. *barbinerve* \(Schwer.\) A.E.Murray](#), [*A. cappadocicum* subsp. *cappadocicum*](#), [*A. cappadocicum* var. *glabrescens* A.E.Murray](#), [*A. cappadocicum* f. *glaucum* \(Koidz.\) A.E.Murray](#), [*A. cappadocicum* var. *indicum* \(Pax\) Rehder](#), [*A. cappadocicum* f. *rubrocarpum* A.E.Murray](#), [*A. cappadocicum* var. *stenocarpum* Yalt.](#), [*A. colchicum* Hartwiss](#), [*A. laetum* C.A.Mey.](#), [*A. laetum* var. *colchicum* \(Hartwiss\) Schwer.](#), [*A. laetum* f. *rubrum* Schwer.](#), [*A. laetum* f. *tricolor* Schwer.](#), [*A. laetum* f. *viride* Schwer.](#), [*A. lobelii* var. *colchicum* \(Hartwiss\) Pax](#), [*A. lobelii* f. *horticolum* Pax](#), [*A. lobelii* subsp. *laetum* \(C.A.Mey.\) Pax](#)

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superrosids
- Clade: Rosids
- Order: Sapindales Juss. Ex Bercht. & J. Presl
- Family: Sapindaceae Juss.
- Genus: *Acer* L.
- Species: *A. cappadocicum* Gled.

Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Polypetalae
- Series: Disciflorae
- Cohors: Sapindales Juss. Ex Bercht. & J. Presl
- Ordo: Sapindaceae Juss.
- Genus: *Acer* L.
- Species: *A. cappadocicum* Gled.

4. Distribution:

Global: Bhutan, China, India, Nepal, Pakistan

India: Arunachal Pradesh, Himachal Pradesh, Jammu & Kashmir, Manipur, Meghalaya, Mizoram, Sikkim, Uttar Pradesh, West Bengal

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

6. Threat Status:

IUCN: Least Concern

BSI:

7. Habit and Habitat: Large tree; found in mixed forests. Within the Himalayas the species is often in association with *Cedrus* spp., *Ulmus* spp., *Prunus cornuta*, *Corylus jacquemontii*, *Juglans regia* and *Acer acuminatum*

8. Life Form: Phanerophytes

9. Economic Importance: Harvested for its timber

10. Probable Progenitor of:

11. DNA

C-value

Methodology

12. Basic chromosome number(s):

13. Zygotic chromosome number(s): $2n=26^7$

14. Gametic chromosome number(s):

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

Image file

16. Ploidy level: Diploid⁸

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):