Final Species Datasheet JamU+CalU+SUK-Phase I

Datasheet No. A-240.001.001 **DBT- Network Programme**
(family.genus.species)

1. Taxon:

Species: *Acer acuminatum* Wall.ex D. Don
Subspecies
Variety
Cultivar
Hybrid

Image file

2. Synonyms:*Acer caudatum* G. Nicholson, *Acer sterculiaceum* K. Koch

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.acuminatum* Wall.ex D. Don

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. acuminatum* Wall.ex D. Don

4. Distribution:

Global: Pakistan, India, Tibet

India: Himachal Pradesh, Uttar Pradesh, Jammu & Kashmir

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

6. Threat Status:

IUCN: Least concern

BSI:

7. Habit and Habitat: Tree; mixed forests at an altitude of 2700-3100 m

8. Life Form: Phanerophyte

9. Economic Importance: Used as firewood in high altitude areas. The leaves are sometimes used for making a tea substitute. The leaves are packed around apples, rootcrops etc to help preserve them

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, aneusomaty, polysomaty):

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;Translocationsetc):