

Species Datasheet

Datasheet No. A-403.002.001
(family.genus.species)

DBT-1

1. Taxon:

Species: *Achilleaalpina*L.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. **Synonyms:** *Achilleaalpina* var. *alpina*, *A.alpina* subsp. *alpina*, *A.angustifolia* Salisb., *A.cristata* Willd., *A.denticulata* Besser ex Heimerl., *A.depressa* Fisch. ex Herder, *A.mongolica* Fisch. ex Spreng., *A.multiflora* Hook., *A.punctata* Moench, *A.ramosissima* Moench, *A.sibirica* Ledeb., *A.sibirica* subsp. *mongolica* (Fisch. ex Spreng.) Heimerl., *A.sibirica* var. *sibirica*, *A.squarrosa* Hassk., *A.subcartilaginea* (Heimerl) Heimerl., *P.tarmicamongolica* (Fisch. ex Spreng.) DC., *P.sibirica* Ledeb.

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superasterids
- Clade: Asterids
- Order: Asterales Link
- Family: Asteraceae Bercht. & J. Presl
- Genus: *Achillea* L.
- Species: *A.alpina* L.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Gamopetalae
Series: Inferae
Cohors: Asterales Link
Ordo: Compositae Giseke
Genus: *Achillea* L.
Species: *A.alpina* L.

4. Distribution:

Global: China, Japan, Mongolia, North Korea, Nepal, Russian Federation, South Korea

India: East Himalaya and Northeast India

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Undershrub.

8. Life Form: Chamaephytes

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-value Methodology

12. Basic chromosome number(s): $x=9$ ¹

13. Zygotic chromosome number(s): $2n=36^2$

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.):