

Species Datasheet

Datasheet No. A-403.068.005
(family.genus.species)

DBT-1

1. Taxon:

Species: *Carduus tenuiflorus* Curtis
Subspecies
Variety
Cultivar
Hybrid

Image file

2. **Synonyms:** *Carduus argiroa* Nyman, *C. argyroa* Kunze, *C. corbariensis* Timb.-Lagr. & Thevenau, *C. malacitanus* Boiss. & Reut., *C. microcephalus* Gaudin, *C. pycnocephalus* var. *corbariensis* (Timb.-Lagr. & Thevenau) Rouy, *C. pycnocephalus* var. *spinulosus* Pau, *C. pycnocephalus* subsp. *tenuiflorus* (Curtis) Batt., *C. pycnocephalus* var. *tenuiflorus* (Curtis) Ball, *C. syncephalus* Rechb.f., *C. tenuiflorus* var. *tenuiflorus*, *C. tenuiflorus* subsp. *tenuiflorus*

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: *Carduus* L.
- Species: *C. tenuiflorus* Curtis

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Gamopetalae
Series: Inferae
Cohors: Asterales Link
Ordo: Compositae Giseke
Genus: *Carduus* L.
Species: *C. tenuiflorus* Curtis

4. Distribution:

Global: China, Bolivia, South Africa, USA

India: North-West Himalaya

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Herb.

8. Life Form: Chamaephytes

9. Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s):

13. Zygotic chromosome number(s): $2n=54^{2,15,16}$

14. Gametic chromosome number(s): $n=27^{15,17}$

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; Translocation etc.):