

Species Datasheet

Datasheet No. A-403.035.001
(family.genus.species)

DBT-1

1. Taxon:

Species: *Ixeris polycephala* Cass. ex DC.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. **Synonyms:** *Chondrilla fontinalis* Wall., *C. longifolia* Buch.-Ham., *C. tenuis* Buch.-Ham., *Crepis bonii* Gagnep., *C. coronopus* Gagnep., *Ixeris dissecta* (Makino) C. Shih, *I. fontinalis* DC., *L. matsumurae* (Makino) Nakai, *L. matsumurae* var. *matsumurae*, *L. polycephala* f. *dissecta* (Makino) Ohwi, *L. polycephala* var. *dissecta* (Makino) Nakai, *L. polycephala* var. *polycephala*, *L. polycephala* f. *polycephala*, *Lactucabaiuriculata* H. Lev. & Vaniot, *L. matsumurae* Makino, *L. matsumurae* var. *dissecta* Makino, *L. matsumurae* var. *matsumurae*, *L. polycephala* (Cass.) Benth. & Hook. f., *L. polycephala* (Cass.) Benth.

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: *Ixeris* (Cass.) Cass.
- Species: *I. polycephala* Cass. ex DC.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Gamopetalae
Series: Inferae
Cohors: Asterales Link
Ordo: Compositae Giseke
Genus: *Ixeris* (Cass.) Cass.
Species: *I. polycephala* Cass. ex DC.

4. Distribution:

Global: Afghanistan, Bhutan, Burma, Cambodia, China, India, Japan, Laos, Nepal, Vietnam

India: Himalaya, North and Northeast India

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

6. Threat Status:

IUCN:

BSI:

7. **Habit and Habitat:** Herb. Found along strams and also as common weed in the agricultural fields, upto 2000 m.

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): $2n = 16^{1-4}$

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 ;Translocations etc.):**