

Species Datasheet

Datasheet No. A-403.021.001
(family.genus.species)

DBT-1

1. Taxon:

Species: *Centipeda minima* (L.) A. Braun & Asch.
Subspecies
Variety
Cultivar
Hybrid

Image file

2. **Synonyms:** *Artemisia minima* L., *A. orbicularis* (Lour.) Roxb., *A. stemutatoria* Roxb., *A. sternutatoria* Roxb., *Centipeda minima* var. *lanuginosa* (DC.) Domin, *C. minima* var. *minima*, *C. minima* subsp. *minima*, *C. minima* (Less.) C.B. Clarke, *C. minima* (G.Forst.) Benth., *C. orbicularis* Lour., *C. orbicularis* var. *lanuginosa* (DC.) F.M. Bailey, *C. orbicularis* var. *minuta* (G.Forst.) F.M. Bailey, *C. orbicularis* var. *orbicularis*, *Cotulam minuta* G.Forst., *Myriogyneminuta* (G.Forst.) Less., *M. minuta* var. *minuta*

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: *Centipeda* Lour.
- Species: *C. minima* (L.) A. Braun & Asch.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Gamopetalae
Series: Inferae
Cohors: Asterales Link
Ordo: Compositae Giseke
Genus: *Centipeda* Lour.
Species: *C. minima* (L.) A. Braun & Asch.

4. Distribution:

Global: Australia, Africa, China, India, Japan, Madagascar, Pacific Islands, Sri Lanka, South Korea, Tropical Asia, USA

India: Throughout the plains of India

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

6. Threat Status:

IUCN: Least Concern

BSI:

7. Habit and Habitat: Herb. Growing in wet places, marshy banks

8. Life Form: Chamaephytes

9. Economic Importance: Used in medicine

10. Probable Progenitor of:

11. DNA

C-value **Methodology**

12. Basic chromosome number(s):

13. Zygotic chromosome number(s): $2n=18^1$, $2n=20^{1-8}$

14. Gametic chromosome number(s): $n=10^{9,10}$

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.):Pollen stainability:100%⁹