

Species Datasheet

Datasheet No. A-403.022.001
(family.genus.species)

DBT-1

1. Taxon:

Species: *Centratherumpunctatum*Cass.
Subspecies
Variety
Cultivar
Hybrid

Image file

2. **Synonyms:**[Amphirephisaristata](#)Kunth, [A.intermedia](#) Link, [A.mutica](#)Kunth, [A.pilosa](#) Cass. ex Steud., [A.pulchella](#) Cass. ex Steud., [A.pulchella](#) Cass., [Amphibecisviolacea](#) (Schrank) Schrank, [Amphirephispilosa](#) Cass., [Baccharoidesbrachylepis](#) (Sch.Bip. ex Baker) Kuntze, [B.holtonii](#) (Baker) Kuntze, [B.muticum](#) (Kunth) Kuntze, [B.punctatum](#) (Cass.) Kuntze, [B.violaceum](#) (Schrank) Kuntze, [Centratherumaristatum](#)Cass., [C.aristatum](#) (Kunth) Cass. ex B.D.Jacks., [C.brachylepis](#)Sch.Bip., [C.brachylepis](#)Sch.Bip. ex Baker, [C.brevispinum](#) Cass., [C.camporum](#) var. [albicans](#) (Hassl.) Malme, [C.camporum](#) var. [camporum](#), [C.camporum](#) var. [longipes](#) (Hassl.) Malme, [C.holtoni](#) Baker, [C.intermedium](#) (Link) Less., [C.longispinum](#) Cass., [C.muticum](#) (Kunth) Less., [C.parviflorum](#) Baker, [C.pulchellum](#) (Cass.) Steud., [C.punctatum](#) f. [brachyphyllum](#)Hassl., [C.punctatum](#) subsp. [camporum](#)Hassl., [C.punctatum](#) var. [foliosa](#)Chodat, [C.punctatum](#) f. [foliosum](#) (Chodat) Hassl., [C.punctatum](#) var. [longipes](#)Hassl., [C.punctatum](#) var. [parviflorum](#) Baker, [C.punctatum](#) f. [punctatum](#), [C.punctatum](#) var. [punctatum](#), [C.punctatum](#) subsp. [punctatum](#), [C.punctatum](#) subsp. [viscosissimum](#)Hassl., [C.punctatum](#) var. [viscosissimum](#)Hassl., [C.violaceum](#) (Schrank) Gleason, [Crantziaovata](#)Vell., [Spixiaviolacea](#)Schrank

3. Systematic Position:

APG IV (2016)

- Kingdom:Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superasterids
- Clade: Asterids
- Order: Asterales Link
- Family: AsteraceaeBercht. & J. Presl
- Genus: *Centratherum*Cass.
- Species: *C.punctatum*Cass.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Gamopetalae
Series: Inferae
Cohors: Asterales Link
Ordo: CompositaeGiseke
Genus: *Centratherum*Cass.
Species: *C.punctatum*Cass.

4. Distribution:

Global: Argentina, Australia, Bolivia, Brazil, Caribbean, Colombia, Costa Rica, Ecuador, El Salvador, French Guiana, Guyana, Honduras, India, Mexico, Nicaragua, panama, Paraguay, Peru, Philippines, Venezuela

India: Introduced

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

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): $2n=32^{1,2,3}$

14. Gametic chromosome number(s): $n=16^4$

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:^{1,3}

Karyotype Majority metacentric/submetacentric chromosomes

Chromosome size

NOR chromosome(s)

Degree of asymmetrySymmetrical

Image file

22. Banding pattern(s):CMA/DAPI banding³

Image file

23.Physical mapping of chromosomes:

In situ hybridization

Image file

Fluorescent in situ hybridization: 45S rDNA³

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.):