

Species Datasheet

Datasheet No. A-403.046.001
(family.genus.species)

DBT-1

1. Taxon:

Species: *Pegolettia senegalensis* Cass.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms: [*Pegolettiadubiefiana*Quezel](#), [*P.senegalensis* f. *pygmaea*J.A.Schmidt](#), [*P.senegalensis* f. *senegalensis*](#)

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superasteride
- Clade: Asterids
- Order: Asterales Link
- Family: Asteraceae Bercht. & J. Presl
- Genus: *Pegolettia*Cass.
- Species: *P.senegalensis* Cass.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Gamopetalae
Series: Inferae
Cohors: Asterales Link
Ordo: CompositaeGiseke
Genus: *Pegolettia*Cass.
Species: *P.senegalensis* Cass.

4. Distribution:

Global: Arabia, Cape Verde Islands, Madagascar, Pakistan, South Africa

India: Rajasthan

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Herb. Grows on rocks, and sandy soil

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): $2n = 20^1$

14. Gametic chromosome number(s): $n = 10^2$

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.):