

Species Datasheet

Datasheet No. A-403.034.001
(family.genus.species)

DBI

1. Taxon:

Species: *Iflogaspicata* (Forssk.) Sch. Bip.
Subspecies
Variety
Cultivar
Hybrid

Image file

2. **Synonyms:** *Chrysocomaspicata* Forssk., *Gnaphalium aegyptiacum* Pers., *G. ammophilum* Wall., *G. cauliflorum* Desf., *G. chrysocoma* Poir., *G. spicatum* (Forssk.) Vahl, *Ifloga fontanesii* Cass., *I. spicata* var. *spicata*, *I. spicata* subsp. *spicata*, *Trichogyne cauliflora* (Desf.) DC.

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: *Ifloga* Cass.
- Species: *I. spicata* (Forssk.) Sch. Bip.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Gamopetalae
Series: Inferae
Cohors: Asterales Link
Ordo: Compositae Gisek
Genus: *Ifloga* Cass.
Species: *I. spicata* (Forssk.) Sch. Bip.

4. Distribution:

Global: Egypt, Europe, India, North Africa, Pakistan, Spain, Turkey, South West Asia

India: Hariyana, Jammu & Kashmir, Punjab, Rajasthan, Uttar Pradesh

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

6. Threat Status:

IUCN:

BSI:

7. **Habit and Habitat:** Herb. Commonly grows on sandy soil and on sand dunes, upto 400m.

8. **Life Form:** Chamaephytes

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-value Methodology

2C(1.16 pg)¹ Flow cytometer

12. Basic chromosome number(s):

13. **Zygotic chromosome number(s):** 2n=14^{1,2,3}

14. **Gametic chromosome number(s):** n=7²

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.):