

# Species Datasheet

Datasheet No. A-403.077.001  
(family.genus.species)

DBT- Networ

## 1. Taxon:

**Species:** *Goniocaulon indicum* (Klein ex Willd.) C. B. Clarke

Subspecies

Variety

Cultivar

Hybrid

Image file

**2. Synonyms:** *Amberboa indica* (Klein ex Willd.) DC., *Athanasia indica* Roxb., *Goniocaulon glabrum* Cass., *Serratula indica* Klein ex Willd.

## 3. Systematic Position: APG IV; Bentham and Hooker:

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superasterids
- Clade: Asterids
- Order: Asterales Link
- Family: Asteraceae Bercht. & J. Presl
- Genus: *Goniocaulon* Cass.
- Species: *Goniocaulon indicum*  
(Klein ex Willd.) C. B. Clarke

### Bentham and Hooker (1862)

Kingdom: Plantae  
Division: Phanerogamia  
Class: Dicotyledons  
Subclass: Gamopetalae  
Series: Inferae  
Cohors: Asterales Link  
Ordo: Compositae Giseke  
Genus: *Goniocaulon* Cass.  
Species: *Goniocaulon indicum* (Klein ex Willd.) C.  
B. Clarke

## 4. Distribution:

**Global:** India, Pakistan, Sudan, Ethiopia.

**India**

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

## 6. Threat Status:

IUCN

BSI

## 7. Habit and Habitat:

## 8. Life Form:

## 9. Economic Importance:

## 10. Probable Progenitor of:

## 11. DNA

**C-value                      Methodology**

**12. Basic chromosome number(s):**

**13. Zygotic chromosome number(s):**

**14. Gametic chromosome number(s):**  $n=16^{1,2,3}$

**15. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene chromosomes/Neocentric chromosomes):**

Image file

**16. Ploidy level:** Diploid<sup>3</sup>

Image file

**17. Agametoploidy:**

**18. Nature of polyploidy (auto, segmental, allo, autoallo):**

**19. Genomic formula:**

**20. Aberrant chromosome number(s) (aneuploidy, aneusomy, polysomy):**

**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**  $16 \Pi^3$

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.):**