

# Species Datasheet

Datasheet No. A-377.027.015  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species:  
Subspecies:  
Variety: *Lepidagathis incurva* var. *mollis* (C B Clarke) Raizada & H.O. Saxena  
Cultivar  
Hybrid

Image file

2. Synonyms: *Lepidagathis hyalina* var. *mollis* C B Clarke

## 3. Systematic Position:

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Asterids
- Ordo: Lamiales Bromhead
- Family: Acanthaceae Juss.
- Genus: *Lepidagathis* Willd.
- Species: *L. incurva* Buch.-Ham. ex D. Don
- Variety: *L. incurva* var. *mollis* (C B Clarke) Raizada & H.O. Saxena

### Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Gamopetalae
- Series: Bicarpellatae
- Cohors: Personales
- Ordo: Acanthaceae Juss.
- Genus: *Lepidagathis* Willd.
- Species: *L. incurva* Buch.-Ham. ex D. Don
- Variety: *L. incurva* var. *mollis* (C B. Clarke) Raizada & H.O. Saxena

## 4. Distribution:

**Global:** India

**India:** Throughout North-India, Terai Himalaya.

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

## 6. Threat Status:

**IUCN:**

**BSI:**

## 7. Habit and Habitat:

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):

14. Gametic chromosome number(s): n=42<sup>1</sup>

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

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16. Ploidy level: Tetraploid<sup>1</sup>

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

NOR chromosome(s) -

Degree of asymmetry:

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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

27. Chromosome distribution at anaphase I:

28. Genetic diversity:

Chromosomal level

DNA level

29. Any other information (Apomixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stain ability; Translocations etc):