

Species Datasheet

Datasheet No. A-377.027.027
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Lepidagathis subarmata* Gamble

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms:

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Asterids
- Order: Lamiales
- Family: Acanthaceae Juss.
- Genus: *Lepidagathis* Willd.
- Species: *L. subarmata* Gamble

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Gamopetalae
Series: Bicarpellatae
Cohors: Personales
Ordo: Acanthaceae Juss.
Genus: *Lepidagathis* Willd.
Species: *L. subarmata* Gamble

4. Distribution:

Global: India.

India: Peninsular India. (Andhra Pradesh, Karnataka)

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Undershrub

8. Life Form: Chamaephytes

9. Economic Importance: Leaf extract is used for especially malarial fever. Leaf extract is also used to clean the cattle in rainy season and for skin itchy affection, burns and wounds.

10. Probable Progenitor of:

11. DNA

C- Value

Methodology

12. Basic chromosome number(s):

13. Zygotic chromosome number(s):

14. Gametic chromosome number(s):

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

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

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):