

Genus Datasheet

DatasheetNo. A-377.026
(Family.Genus)

DBT- Network Progr

1. Genus:*Isoglossa*Oerst.

2. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Asterids
- Order: LamialesBromhead
- Family:AcanthaceaeJuss.
- Genus: *Isoglossa*Oerst.

Bentham and Hooker(1862)

- Kingdom: Plantae
- Division:Phanerogamia
- Class: Dicotyledons
- Subclass:Gamopetalae
- Series: Bicarpellatae
- Cohors: Personales
- Ordo:AcanthaceaeJuss.
- Genus:*Isoglossa*Oerst.

3. Species:

Global: 48

India: 1

4. Taxonomic riddles:Yes^{1, 3}

5. Distribution:

Global: Australia, Bahamas, Cuba, Dominican Republic, Haiti, India, Jamaica, Laos, Malaysia,Myanmar, Nepal, Philippines Jamaica, Sri Lanka,Vietnam,

India: Eastern Himalayan region and North-East India

6. Habit and Habitat:Erect herb or shrub, tropical to sub-tropical forests.

7. Economic Importance:

8. DNA content range:

Methodology:

2C

4C

9.Basic chromosome number(s):

10. Zygotic chromosome number (s):

11. Gametic chromosome number (s):n=17²

12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytenechromosomes/ Neocentric chromosomes):

13. Ploidy level:

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

15. Aberrant chromosome number(s) (aneuploidy, aneusomaty, polysomaty):

16.Karyograms:

Meiosis:

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship atChromosomal; DNA level:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information:

