

Genus Datasheet

Datasheet No. A-403.015
(family.Genus)

DBT- Network Programme

1. Genus: *Blainvillea* Cass.

2. Systematic position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superasterids
- Clade: Asterids
- Order: Asterales Link
- Family: Asteraceae Bercht. & J. Presl
- Genus: *Blainvillea* Cass.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Gamopetalae
Series: Inferae
Cohors: Asterales Link
Ordo: Compositae Giseke
Genus: *Blainvillea* Cass.

3. Species:

Global: 10

India: 1

4. Taxonomic riddles:

5. Distribution:

Global: Australia, Brazil, Burma, China, India, Indonesia, Malaysia, Nepal, Philippines, Sri Lanka, Thailand, Vietnam

India: Andhra Pradesh, Gujrat, Goa, Madhya Pradesh, Karnataka, Kerala, Rajasthan, Tamil Nadu, Uttar Pradesh

-

6. Habit and Habitat: Herb.

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $2n = 34^{1,2,3,4}$, $2n = 72^5$

11. Gametic chromosome number(s): $n=17^{4,6,7,8}$

12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene Chromosomes/ 1 chromosomes):

13. Ploidy level:

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

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

16. Karyograms: Meiosis: $4,6,7,8$

17. Banding pattern(s):

18. Physical mapping of chromosomes:GISH:

19. Phylogenetic relationship atChromosomal; DNAlevel:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: