

Genus Datasheet
DBT- Network Programme

Datasheet No. A-403.003
(Family.Genus)

1. Genus:*Adenocaulon*Hook.

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: *Adenocaulon*Hook.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Gamopetalae
Series: Inferae
Cohors: Asterales Link
Ordo: CompositaeGiseke
Genus: *Adenocaulon*Hook.

3. Species:

Global: 5

India:2

4. Taxonomic riddles:^{5,6}

5. Distribution:

Global: China, India, Japan, Nepal, North Korea, Russian Federation, South Korea

India:Himachal Pradesh, Sikkim,Uttar Pradesh

6. Habit and Habitat:Herb.

7.Economic Importance:Medicinal value

8. DNA content range:

Methodology

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $2n=38^1$, $2n=46^{2,3,4}$

11. Gametic chromosome number(s):

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:

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:Chromosome number is not reported in the following taxa:

*Adenocaulonnepalense*Bittm.