

Genus Datasheet
DBT- Network Programme

Datasheet No. A-140.041
(Family.Genus)

1. Genus: *Campylotropis* Bunge

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: Fabales
- Family: Fabaceae Lindl.
- Subfamily: Faboideae Rudd
- Genus: *Campylotropis* Bunge

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Polypetalae
Series: Calyciflorae
Cohors: Rosales Bercht. & J. Presl
Ordo: Leguminosae Juss.
Subordo: Papilionaceae Giseke
Genus: *Campylotropis* Bunge

3. Species:

Global: 41

India: 13

4. Taxonomic riddles:

5. Distribution:

Global: Native to Asia-Tropical and Asia-Temperate

India: Himalayan region, Himachal Pradesh, Uttar Pradesh

6. Habit and Habitat: Shrubs, seasonally dry tropical (montane) to temperate forest, woodland or bushland

7. Economic Importance: Use as ornamentals, for forage, bee-food and medicine

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=11$ ¹

10. Zygotic chromosome number(s): $2n=22$ ², $2n=18$ ³

11. Gametic chromosome number(s): $n=9^{4,5}$, $n=11^{1,6,7}$

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

13. Ploidy level:

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

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

16. Karyograms:

Meiosis: 1, 4, 5, 6, 7

17. Banding pattern(s):

18. Physical mapping of chromosomes:GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: Chromosome number not reported in the following taxa:

Campylotropis decora (Kurz) Schindl.

Campylotropis drummondii Schindl.

Campylotropis griffithii Schindl.

Campylotropis macrostyla (D. Don) Miq.

Campylotropis meeboldii (Schindl.) Schindl.

Campylotropis parviflora (Kurz) Schindl.

