

Genus Datasheet

DBT- Network Programme

Datasheet No. A-403.072

(Family.Genus)

1. **Genus:***Brachyactis*Ledeb.

2. **Systematic position:**

Bentham and Hooker (1862)

Kingdom: Plantae

Division:Phanerogamia

Class:Dicotyledons

Subclass: Gamopetalae

Series: Inferae

Cohors: Asterales Link

Ordo: CompositaeGiseke

Genus: *Brachyactis*Ledeb.

APG IV (2016)

- Kingdom:Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superasterids
- Clade: Asterids
- Order: Asterales Link
- Family: AsteraceaeBercht. & J. Presl
- Genus: *Brachyactis*Ledeb.

3. **Species:**

Global

India 3

4. **Taxonomic riddles:**

5. **Distribution:**

Global:Afghanistan, Pakistan, Himalaya

India

6. Habit and Habitat:

7. Economic Importance:

8. DNA content range: Methodology

9. Basic chromosome number(s): $x=9^{1,2}$

10. Zygotic chromosome number(s): $2n=36^1$

11. Gametic chromosome number(s): $n=18^1, n=9^{2,3,4}$

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

13. Ploidy level: Tetraploid¹, Diploid²

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

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

16. Karyograms:

Meiosis: $18 \text{ II}^1, 9 \text{ II}^2$

17. Banding pattern(s):

19. Phylogenetic relationship at Chromosomal; DNA level:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: