

# Genus Data Sheet

Datasheet No. A-078.014  
(Family.Genus)

DBT- Network Programme

1. Genus: *Callisia*

2. Systematic position: APG IV; Bentham and Hooker: Commelinaceae

**APG IV (2016)**

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Commelinales Mirb. ex Bercht. & J. Presl
- Family: Commelinaceae Mirb.
- Genus: *Callisia*

**Bentham and Hooker (1862)**

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Monocotyledones
- Series: Coronarieae
- Family: Commelinaceae Mirb.
- Genus: *Callisia*

3. Species:

Global: 20

India: 02

4. Taxonomic riddles:

5. Distribution:

Global: Mexico, [Western Hemisphere](#) from the southern [United States](#) to [Argentina](#)

India: Maharashtra

6. Habit and Habitat: Herbs

7. Economic Importance:

8. DNA content range:

2C

4C

Methodology

9. Basic chromosome number(s):

10. Zygotic chromosome number(s):  $2n=12^{1,2,3,4,5}48^1$

11. Gametic chromosome number(s):  $n=24^1$

12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene Chromosomes/

**Neocentric chromosomes):**

**13. Ploidy level:**Diploid<sup>5</sup>Dodecaploidy<sup>5</sup>

**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 at**

**Chromosomal; DNA level:**

**20. Cytogenetic mechanism (s) underlying evolution:**

**21. Linkage map:**

**22. Any other information:**