

Species Data Sheet

Datasheet No. A-078.014.002
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Callisia insignis* C. B. Clarke

Subspecies:

Variety:

Cultivar:

Hybrid:

2. Synonyms:

3. Systematic Position: APG IV; Bentham and Hooker:

APG IV (2016)

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

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledones
Series: Coronaricae
Family: Commelinaceae Mirb.
Genus: *Callisia*
Species: *Callisia insignis* C. B. Clarke

4. Distribution:

Global: Western Hemisphere from the southern United States to Argentina

India: Maharashtra

5. Indigenous/Exotic/Endemic; Cultivated/Wild: Indigenous

6. Threat Status:

IUCN

BSI

7. Habit and Habitat: Herbs

8. Life Form: Perennial

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-value Methodology

12. Basic chromosome number(s):

13. Zygotic chromosome number(s): $2n=48^1$

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

15.Specialized chromosomes (B chromosomes/Sex chromosomes/polytene chromosomes/Neocentric chromosomes):

16.Ploidy level:

17.Agametoploidy:

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

19.Genomic formula:

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

21.Somatic chromosomes:

Karyotype:

Chromosome size:

NOR chromosome(s):

Degree of asymmetry:

22. Banding pattern(s):

23. Physical mapping of chromosomes:

In situ hybridization

Fluorescent in situ hybridization

24.Genomic in situ hybridization:

25. Linkage map:

26.Chromosome associations:

Female meiosis:

Male meiosis:

27.Chromosome distribution at anaphase I:

28. Genetic diversity:

Chromosomal level

DNA level

**29.Any other information (Apomixis; Inversion; Male sterility;Pollen grain mitosis;
Pollen stainability;Translocations etc):**