

Species Data Sheet

Datasheet No. A-078.014.001
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Callisiafragrans*(Lindl.) Woodson.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. **Synonyms:***Rectantherafragrans* (Lindl.) O.Deg., *Spironemafragrans* Lindl., *Spironemaorthandrum* Lindb

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

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: CommelinalesMirb. ex Bercht. & J. Presl
- Family: CommelinaceaeMirb.
- Genus: *Callisia*
- Species: *Callisiafragrans*(Lindl.) Woodson

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledones
Series: Coronarieae
Family: CommelinaceaeMirb.
Genus: *Callisia*
Species: *Callisiafragrans*(Lindl.) Woodson

Global:Mexico

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-valueMethodology

12. **Basic chromosome number(s):**

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

14. **Gametic chromosome number(s):**

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

16. **Ploidy level:**Diploid⁵Dodecaploidy⁵

17. Agameteoploidy:

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):