

Species Datasheet

Datasheet No. A-140.026.001
(Family. Genus. Species)

DBT- Network Programme

1. Taxon:

Species: *Christiavespertilionis*(L.f.) Bakh.f. ex Meeuwen

Subspecies:

Variety:

Cultivar:

Hybrid:

Image file

2. **Synonyms:** *Christiavespertilionis*(L.f.) Bakh.f., *C.lunata* Moench, *Hedysarumvespertilionis* L.f., *Loureavespertilionis*(L.f.) Desv.

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: Fabales Bromhead
- Family: Fabaceae Lindl.
- Genus: *Christia* Moench
- Species: *C. vespertilionis*(L.f.) Bakh. f. ex Meeuwen

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: *Christia* Moench
Species: *C. vespertilionis*(L.f.) Bakh. f. ex Meeuwen

4. Distribution:

Global: Asia, Caribbean, Indian Ocean and Pacific Ocean

India: Throughout, often cultivated

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

6. Threat Status:

IUCN: Least Concern

BSI:

7. **Habit and Habitat:** Herbs; This species is found in a variety of habitats from evergreen forests, dry forests on limestone, open grasslands, scrub, thickets, roadsides, seashores and secondary vegetation. It is also cultivated.

8. **Life Form:** Chamaephytes

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-value Methodology

12. Basic chromosome number(s):

13. Zygotic chromosome number(s): $2n=22^1$

14. Gametic chromosome number(s):

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

Image file

16. Ploidy level:

Image file

17. Agametoploidy:

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

19. Genomic formula:

20. Aberrant chromosome number(s) (aneuploidy, aneusomy, polysomy):

21. Somatic chromosomes:

Karyotype

Chromosome size

NOR chromosome(s)

Degree of asymmetry

Image file

22. Banding pattern(s):

Image file

23. Physical mapping of chromosomes:

In situ hybridization

Image file

Fluorescent in situ hybridization

Image file

24. Genomic in situ hybridization:

Image file

25. Linkage map:

Image file

26. Chromosome associations:

Female meiosis

Male meiosis

Image file

27. Chromosome distribution at anaphase I:

28. Genetic diversity:

Chromosomal level

Image file

DNA level

29. Any other information (Apoixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stainability; Translocation etc.):