

Species Datasheet

Datasheet No. A-140.079.008
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Clitoriamariana* L.

Variety

Cultivar

Hybrid

2. Synonyms:

- *Martusiamariana* (L.) Small
- *Ternateamariana* (L.) Kuntze
- *Clitoria mariana* var. *mariana*
- *Clitoria marina* L.
- *Nauchea mariana* (L.) Descourt.
- *Vexillaria mariana* (L.) Raf.
- *Vexillaria mariana* (L.) Eaton

3. Systematic position: APG; Bentham and Hooker:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: FabalesBromhead
- Family: FabaceaeLindl.
- Subfamily: Faboideae Rudd
- Genus: *Clitoria* L.
- Species: *Clitoriamariana* L.

4. Distribution:

Global: Bhutan, China, India, Laos, Mexico, Myanmar, Thailand, United States, Vietnam

India:

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

6. Threat Status:

IUCN

BSI

7. Habit and Habitat: Erect herb, Habitat: dry open forests, shale barrens, and rocky or sandy woodlands

8. Life Form: Perennial

9. Economic Importance:

Bentham and Hooker (1862)

Kingdom: Plantae

Division: Phanerogamia

Class: Dicotyledons

Subclass: Polypetalae

Series: Calyciflorae

Cohors: Rosales Bercht. & J. Presl

Ordo: LeguminosaeJuss.

Subordo: PapilionaceaeGiseke

10. Probable Progenitor of:

11. DNA

C-valueMethodology

12. Basic chromosome number(s):

13. Zygotic chromosome number(s):

Genus: *Clitoria* L.

Species: *Clitoria mariana* L.

14. Gametic chromosome number(s):

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

16. Ploidy level:

17. Agameteoploidy:

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:

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:

Image file

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.):