

Species Datasheet

Datasheet No. A-140.079.001
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species:*Clitoriaannua*J. Graham

Variety

Cultivar

Hybrid

Image file

2. Synonyms:

- *Clitoria biflora* Dalzell
- *Ternatea biflora* (Dalzell) Kuntze

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: *Clitoriaannua*J. Graham

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Polypetalae
Series: Calyciflorae
Cohors: Rosales Bercht. & J. Presl
Ordo: LeguminosaeJuss.
Subordo: PapilionaceaeGiseke
Genus: *Clitoria* L.
Species: *Clitoriaannua*J. Graham

4. Distribution:

Global: India, United Sates

India:

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

6. Threat Status:

IUCN

BSI

7. Habit and Habitat: Erect Herb, Habitat: Woodland

8. Life Form: Perennial

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-value Methodology

12. Basic chromosome number(s): $x = 7^1$

13. Zygotic chromosome number(s): $2n = 14^1$

$2n = 16^{2,3,4}$

14. Gametic chromosome number(s): $n = 7^{5,6}$

$n = 8^{4,7}$

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: $1, 5$

Karyotype: Majority Submetacentric Chromosomes

Chromosome size: Large

NOR chromosome(s): 2

Degree of asymmetry: Symmetrical

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: $7\text{II}, 6\text{II}+2\text{I}, 5\text{II}+4\text{I}^5$

Image file

27. Chromosome distribution at anaphase I: $7:7, 8:6^5$

28. Genetic diversity:

Chromosomal level: $1, 6$

DNA level: 8

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