

Species Datasheet

Datasheet No. A-140.047.150
(family.genus.species)

DBT- Networ

1. Taxon:

Species *Crotalaria zanzibarica*Benth.
Subspecies
Variety
Cultivar
Hybrid

Image file

2. Synonyms:

According to The Plant List:This name is a synonym of *Crotalaria trichotoma*Bojer.

According to Tropicos:

- *Crotalaria thomensis* Baker f.
- *Crotalaria usaramoensis* Baker f.

3. Systematic Position:

- APG IV (2016)**
- Kingdom: Plantae
 - Clade: Angiosperms
 - Clade: Eudicots
 - Clade: Superrosids
 - Clade: Rosids
 - Clade: Fabids
 - Order: Fabales Bromhead
 - Family: Fabaceae Lindl.
 - Subfamily: Faboideae Rudd
 - Genus: *Crotalaria* L.
 - Species: *C. zanzibarica*Benth.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Polypetalae
Series: Calyciflorae
Cohors: Rosales Bercht. & J. Presl
Ordo: LeguminosaeJuss.
Subordo: PapilionaceaeGiseke
Genus: *Crotalaria* L.
Species: *C. zanzibarica*Benth.

4. Distribution:

Global: Caribbean, China, Costa Rica, El Salvador, Guyana, Mozambique, Tanzania.

India

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

6. Threat Status:

IUCN

BSI

7. Habit and Habitat:

8. Life Form:

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-value Methodology

12. Basic chromosome number(s):

13. Zygotic chromosome number(s): $2n=16^{29, 112}$

14. Gametic chromosome number(s): $n=8^{56, 108, 112}$

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

Image file

16. Ploidy level: Diploid¹⁰⁸

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

DNA level

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

Pollen viability: 98.6%⁷¹