

Species Datasheet

Datasheet No. A-140.073.001
(family.genus.species)

DBT- Networ

1.Taxon:

Species*Lotononisplatycarpa* (Viv.) Pic. Serm.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms:*Amphinomia dichotoma* (Delile ex Walp.) Font Quer&Rothm.,*Amphinomia dinteri* (Schinz) A. Schreib. ,*Amphinomia lotoidea* (Delile) Maire ,*Amphinomia platycarpa* (Viv.) Cufod.,*Amphinomia steingroeveriana* (Schinz) A. Schreib. ,*Capnitis clandestina* E. Mey. ,*Capnitis porrecta* E. Mey. ,*Leobordea abyssinica* Hochst. ex A. Rich. ,*Leobordea clandestina* (E. Mey.) Steud. ,*Leobordea lotoidea* Delile ,*Leobordea persica* Jaub. &Spach ,*Leobordea porrecta* (E. Mey.) Steud. ,*Leobordea sphaerosperma* Jaub. &Spach ,*Lotononis abyssinica* (Hochst. ex A. Rich.) Kotschy ,*Lotononis carinalis* Harv. ,*Lotononis clandestina* (E. Mey.) Benth.,*Lotononis clandestina* var. *steingroeveriana* Schinz ,*Lotononis dichotoma* (Delile ex Walp.) Boiss. ,*Lotononis dichotoma* var. *persica* (Jaub. &Spach) Post ,*Lotononis dinteri* Schinz ,*Lotononis dinteri* var. *amboensus* Schinz ,*Lotononis leobordea* Benth. ,*Lotononis leobordea* var. *abyssinica* (Hochst. ex A. Rich.) Baker ,*Lotononis lotoidea* (Delile) Batt. ,*Lotononis lotoidea* (Delile) Druce ,*Lotononis lotoidea* var. *micrantha* Batt. ,*Lotononis persica* (Jaub. &Spach) Boiss.,*Lotononis platycarpa* var. *abyssinica* (Hochst. ex A. Rich.) Pic. Serm.,*Lotononis platycarpa* var. *persica* (Jaub. &Spach) Täckh. ,*Lotononis porrecta* (E. Mey.) Benth.,*Lotononis sphaerocarpa* Boiss.,*Lotononis steingroeveriana* (Schinz) Dümmer ,*Lotus dichotomus* Delile ex Walp. ,*Lotus platycarpus* Viv

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

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: FabalesBromhead
- Family: FabaceaeLindl.
- Subfamily: Faboideae Rudd
- Genus:*Lotononis*(DC.) Ecklon&Zeyher
- Species:*Lotononisplatycarpa* (Viv.)

Pic.Serm.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Polypetalae
Series: Calyciflorae
Cohors: Rosales Bercht. & J. Presl
Ordo: LeguminosaeJuss.
Subordo: PapilionaceaeGiseke
Genus: *Lotononis*(DC.) Ecklon&Zeyher
Species:*Lotononisplatycarpa* (Viv.) Pic.Serm.

4.Distribution:

Global:Algeria , Angola , Cape Verde , Central African Rep. , Chad, Djibouti , Egypt , Ethiopia, India , Iran , Kenya , Libya, Mauritania , Morocco , Namibia , Pakistan , Qatar , Saudi Arabia , South Africa , Sudan , Syria , Tanzania , Uganda , Yemen , Zimbabwe

India

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

6.Threat Status:

IUCN

BSI

7.Habit and Habitat:Herb

8.Life Form:Annual

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value

Methodology

12.Basic chromosome number(s):

13. Zygotic chromosome number(s): $2n=18^{1,2}$

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, aneusomaty, polysomaty):

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 (Apomixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stainability; Translocation etc.):