Genus Datasheet

Datasheet No. A-140.022 (Family.Genus)

DBT- Network Programme

1. Genus:*Spartium* L.

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: Fabales Bromhead
- Family: Fabaceae Lindl.
- Genus:*Spartium*L.

Bentham and Hooker (1862)

Kingdom: Plantae
Division:Phanerogamia
Class: Dicotyledons
Subclass: Polypetalae
Series: Calyciflorae
Cohors: RosalesBercht. & J. Presl
Ordo: Leguminosae Juss.
Subordo: Papilionaceae Giseke
Genus:*Spartium*L.

3. Species:

Global:1

India:1

4. Taxonomic riddles:

5. Distribution:

Global: Abkhazia, Afghanistan, Albania, Algeria, Argentina, Armenia, Australian Capital Territory, Azerbaijan, Azerbaijan, Azores, Balearic Is, Bhutan, Bolivia, Brazil, Bulgaria, California, Canary Is, China, Colombia, Corsica, Crete, Ecuador, Estonia, Ethiopia, former Yugoslavia, France, Great Britain, Greece, Gruzia, Gruzia, Guatemala, Hawaii, India, Indonesia, Iraq, Israel, Italy, Java, Jiangsu, Kenya, Krasnodar, Krym, Lebanon, Libya, Malta, Mexico (North & Central),Morocco, New Zealand,Odessa,Oregon, Pakistan, Peru,Portugal, Romania, Russia in Asia, Sardinia, Shanxi,Sicily, Sicily, South Africa,South Australia, Spain, Spain, Sri Lanka,Syria, Tanzania, Tunisia,Turkey in Asia,Turkey in Europe, Ukraine,United States,Victoria,Washington,Zakarpatskaya

India: Himachal Pradesh, Jammu-Kashmir, Mauritius, Punjab, Tamil Nadu, Uttar Pradesh

6. Habit and Habitat: Shrub.Mediterranean shrubland, cliffs, ravines and disturbed places

7.Economic Importance:*Spartiumjunceum* L. is widely grown as an ornamental and soil st readily invasive becoming a noxious weed; also used for its fibre, basketry, as a dye, perfum oils in the flowers), and for medicine but the plant is highly toxic, especially the seeds

8. DNA content range: **Methodology**

2C

4C

9. Basic chromosome number(s):

10. Zygotic chromosome number(s):2n= 48 [1]

2n= 48, 52, 54, 56 [2]

2n= 52[3,4,5,6]

2n=54 [7,8,9]

11. Gametic chromosome number(s):n= 24[1]

12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene Chromosomes/

Neocentric chromosomes):

13. Ploidy level:

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

15. Aberrant chromosome number(s) (aneuploidy, aneusomaty, polysomaty):

16. Karyograms: **Meiosis:**

17. Banding pattern(s):

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: