

Species Datasheet

Datasheet No. A-416.037.001
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Sanicula elata* Buch.-Ham. Ex D. Don

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms: *Sanicula capensis* (Cham. & Schltdl.) Eckl. & Zeyh., *S. europaea* var. *capensis* Cham. & Schltdl., *S. europaea* var. *elata* (Buch.-Ham. ex D. Don) H. Boissieu, *S. europaea* subsp. *elata* (Buch.-Ham. ex D. Don) Hultén, *S. hermaphrodita* Buch.-Ham. ex D. Don, *S. montana* Reinw. ex Blume, *S. natalensis* Gand.

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicot
- Clade: Asterids
- Clade: Campanulids
- Order: Apiales Nakai
- Family: Apiaceae Lindl.
- Genus: *Sanicula* L.
- Species: *S. elata* Buch.-Ham. Ex D. Don

Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Polypetalae
- Series: Calyciflorae
- Cohors: Umbellales
- Ordo: Umbelliferae Juss.
- Genus: *Sanicula* L.
- Species: *S. elata* Buch.-Ham. Ex D. Don

4. Distribution:

Global: Burundi, Cameroon, Cape Provinces, Comoros, Eritrea, Ethiopia, Free State, Gulf of Guinea Island, India, Java, Kenya, KwaZulu-Natal, Laos, Lesotho, Lesser Sunda Island, Madagascar, Malawi, Mozambique, Northern Provinces, Rwanda, Sri Lanka, Sudan, Sumatera, Swaziland, Tanzania, Uganda, Vietnam, Yemen, Zambia, Zaïre, Zimbabwe

India: Himalaya, hills of Assam and peninsular India

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

6. Threat Status:

IUCN

BSI

7. Habit and Habitat:Herb; evergreen forests

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): $2n=16^{1,2,3,4}$; $2n=32^{5,6,7}$

14. Gametic chromosome number(s): $n=8^{1,3,5}$

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):