

Species Datasheet

Datasheet No. A-403.037.001
(family.genus.species)

DBT- 1

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1. Taxon:

Species: *Lagascea mollis* Cav.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms: [*Lagasceacampestris* Gardner](#), [*L.kunthiana* Gardner](#), [*L.parvifolia* Klatt](#), [*Noccamollis* \(Cav.\) Jacq.](#)

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superasterids
- Clade: Asterids
- Order: Asterales Link
- Family: Asteraceae Bercht. & J. Presl
- Genus: *Lagascea* Cav.
- Species: *L.mollis* Cav.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Gamopetalae
Series: Inferae
Cohors: Asterales Link
Ordo: Compositae Giseke
Genus: *Lagascea* Cav.
Species: *L.mollis* Cav.

4. Distribution:

Global: Argentina, Belize, Bolivia, Brazil, Caribbean, China, Colombia, Costa Rica, Ecuador, Guatemala, Honduras, India, Mexico, Nicaragua, Paraguay, Peru, USA, Venezuela

India: Weed

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Herb. Widespread throughout the tropics

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): $2n=34$ ¹⁻⁹

14. Gametic chromosome number(s): $n=17$ ^{1,5,10-12}

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

Image file

16. Ploidy level: Diploid¹⁻⁹

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; Translocations etc.):