

**Genus Datasheet**  
**DBT- Network Programme**

**Datasheet No. A-140.021**  
(Family.Genus)

**1. Genus:***Rothia*Pers.

**2.Systematic Position:**

**APG IV (2016)**

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: FabalesBromhead
- Family: FabaceaeLindl.
- Genus: *Rothia*Pers.

**Bentham and Hooker (1862)**

Kingdom: Plantae  
Division:Phanerogamia  
Class: Dicotyledons  
Subclass: Polypetalae  
Series: Calyciflorae  
Cohors: RosalesBercht. & J. Presl  
Ordo: LeguminosaeJuss.  
Subordo: PapilionaceaeGiseke  
Genus:*Rothia*Pers.

**3. Species:**

**Global:** 02

**India:**01

**4. Taxonomic riddles:**

**5. Distribution:**

**Global:** Africa, Australasia and Indian Ocean

**India:**Andhra Pradesh, Bihar, Delhi, Goa, Gujarat, Haryana, Himachal Pradesh, Jammu & Kashmir, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Orissa, Pondicherry, Punjab, Tamil Nadu, Uttar Pradesh and West Bengal

**6. Habit and Habitat:** Herbs; mainly in seasonally dry tropical xerophytic shrubland and grassland

**7.Economic Importance:**Used as famine food, livestock fodder and green manure

**8. DNA content range:**

**Methodology**

**9. Basic chromosome number(s):** $x=6^1$

**10. Zygotic chromosome number(s):**  $2n=12$ <sup>1</sup>,  $2n=14$ <sup>2,3</sup>

**11. Gametic chromosome number(s):**

**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: <sup>1</sup>Meiosis:**

**17. Banding pattern(s):**

**18. Physical mapping of chromosomes:GISH:**

**19. Phylogenetic relationship at Chromosomal; DNA level:**

**20. Cytogenetic mechanism (s) underlying evolution:**

**21. Linkage map:**

**22. Any other information:**