

# Genus Data Sheet

Datasheet No. A-098.018  
(family,genus,species)

DBT- Network Programme

1. Genus: *Kyllingiella* R. Haines & Lye

3. Systematic position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocots
- Clade: Commelinids
- Order: Poales Small
- Family: Cyperaceae Juss.
- Genus: *Kyllingiella* R. Haines & Lye

Bentham and Hooker (1862)

Kingdom: Plantae  
Division: Phanerogamia  
Class: Monocotyledones  
Series: Glumaceae  
Ordo: Cyperaceae Juss.  
Genus: *Kyllingiella* R. Haines & Lye

3. Species:

Global: 05

India: 01

4. Taxonomic riddles:

5. Distribution:

Global: Tropical Africa, Sudan

India: North India

6. Habit and Habitat: Herb

7. Economic Importance:

8. DNA content range:

Methodology

2C: 4C:

9. Basic chromosome number(s):  $x=7^2$

10. Zygotic chromosome number(s):

11. Gametic chromosome number(s):  $n=50-52^{1,2}$

**12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene Chromosomes Neocentric chromosomes):**

**13. Ploidy level:**Tetradecaploid<sup>2</sup>

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

**15. Aberrant chromosome number(s) (aneuploidy, aneusomaty, polysomaty):**Aneuploidy<sup>2</sup>

**16. Karyograms:**

**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:**