Species Data Sheet

Datasheet No. A-098.018.001 **DBT- Network Programme**
(family.genus.species)

1.Taxon:*Kyllingiella*R. Haines & Lye
Species:*Kyllingiella microcephala*(Steud.) R. Haines & Lye
Subspecies
Variety
Cultivar
Hybrid

Image file

2. Synonyms:*Cyperus kyllingiella*Larridon

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
- Species: *K. microcephala*

Bentham and Hooker (1862)
Kingdom: Plantae
Division:Phanerogamia
Class: Monocotyledones
Series: Glumaceae
Ordo: Cyperaceae Juss.
Genus: *Kyllingiella*R. Haines & Lye
Species: *K. microcephala*

4.Distribution:

Global: Tropical Africa,Sudan

India: North India

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat: Herb

8.Life Form: Perennial

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value **Methodology:**

12.Basic chromosome number(s):x=7[2]

13. Zygotic chromosome number(s):

14. Gametic chromosome number(s):n=50-52[1,2]

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

Image file

16.Ploidy level: Tetradecaploid[2]

Image file

17.Agametoploidy:

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

19.Genomic formula:

20.Aberrant chromosome number(s)(aneuploidy, aneusomaty, polysomaty): Aneuploidy[2]

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:$50II^2$,$51II^2$, $52II^2$

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;Translocationsetc):