

**RECENT REPORTS ON CHROMOSOME COUNT IN
SOME NIGERIAN SPECIES OF ASTERACEAE**

M. S. AYODELE AND A. E. ADEGBITE*

Department of Biological Sciences , P.O. Box 30 UNAAB Post Office,
University of Agriculture, Abeokuta, Nigeria.

*E-mail: gokedegbite@yahoo.co.uk

ABSTRACT

Chromosome numbers are reported for some species of four genera of the tribe Cichorieae, some species in the genus *Vernonia* (Vernonieae) and the genus *Aspilia* (Heliantheae) collected from different parts of Nigeria. Fluctuations in current and previous counts were observed and presumed to be associated with chromosomal mechanism such as polyploidy and anuploid decrease, leading to evolution of species in the family Asteraceae. Species with first report of chromosome numbers are indicated.

Keywords: Chromosome, Asteraceae, Chromosome number.