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A review on chromosome study on Aphid species

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Abstract: Crops are destroyed by different number of insect-pests. Aphids are agriculturally important pest feeds on plant sap most of the species of aphids are found in the temperate climate. Rate of multiplication of these insects are very high. Different aphid's species contain different number of chromosomes. To study the chromosome number karyotype of aphids species were detected. Aphid chromosomes are devoid of a central centromere, and kinetic activity is dispersed across the whole length of the chromosomes. Banding techniques allow enough chromatin differentiation to produce patterns that allow homologous chromosomes to be reliably identified.

Keywords: aphids, karyotype, chromosomes, chromatin.