

Abstract

Mole rats are divided into two genera, *Spalax* and *Nannospalax* who live in the territory of South-East Europe and the Middle East. 5 different karyotypic races found in the genus *Spalax* that can be assigned to individual taxonomically recognized species. The genus *Nannospalax* has described in 83 karyotypic form or cytotypes that differ in fundamental characteristics of sets of chromosomes ($2n$, NF). The diploid number of chromosomes varies from 36 to 62, the number of autosomal arms from 62 to 120 and the number of arms of chromosome sets of females from 68 to 124. The three most commonly recognized species (*Nannospalax leucodon*, *N. xanthodon*, *N. ehrenbergi*) cannot clearly distinguish by karyological.