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The Karyotypes of Some Rodent Species (Mammalia: Rodentia) from Eastern Turkey and Northern Iran with a New Record, *Microtus schidlovskii* Argyropulo, 1933, from Eastern Turkey

Nuri YIĞİT¹, Mohammed Moradi GHARKHELOO², Ercüment ÇOLAK¹,
Şakir ÖZKURT³, Şafak BULUT¹, Tolga KANKILIÇ¹, Reyhan ÇOLAK¹

¹Ankara University, Faculty of Science, Department of Biology, Beşevler, Ankara - TURKEY

²Department of Biology, Faculty of Science, Zanjan University, Zanjan - IRAN

³Gazi University, Kırşehir Education Faculty, Kırşehir - TURKEY

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[Authors](#)



zool@tubitak.gov.tr

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Page](#)

Abstract: During a field excursion in eastern Turkey and the Zanjan province of Iran, 9 rodent species were captured, and the diploid number of chromosomes (2n), the number of autosomal arms (FNa) and the fundamental number (FN) were determined for these species. *Microtus schidlovskii* with 2n = 60 and FNa = 58 was recorded for the first time from Özalp (Van) and Yüksekova (Hakkari). The karyological record of *Meriones vinogradovi* in Turkey was also given for the first time. The karyological results were determined as follows: *Spermophilus xanthophrymnus* (2n = 42, FNa = 78, FN = 82 in Turkey), *Mesocricetus brandti* (2n = 42, FNa = 78, FN = 82 in Iran), *Microtus socialis* (2n = 62, FNa = 60 FN = 62 in Iran, 2n = 60, FNa = 58 FN = 60 in Turkey), *Meriones tristrami* (2n = 72, FNa = 78, FN = 80 in Iran, 2n = 72, FNa = 82, FN = 84 in Turkey), *M. vinogradovi* (2n = 44, FNa = 74, FN = 77 in Turkey), *Meriones libycus* (2n = 44, FNa = 76, FN = 80 in Iran), *Apodemus iconicus* (2n = 48, FNa = 46, FN = 48 in Iran), and *Mus domesticus* (2n = 40, FNa = 38, FN = 40 in Iran and Turkey).

Key Words: Rodent, karyotype, Turkey, Iran

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