

RODENT BIBLIOGRAPHY OF TURKEY (MAMMALIA: RODENTIA)

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ABSTRACT: This study is based on literature records of scientific studies about rodents of Turkey to date. Additional attempt was given to track for some old literature which were available in library shelves or from researchers themselves. This study includes some research topics such as taxonomy, systematics, distribution, biology, ecology, karyology, cytology and behaviour of Turkish rodents represented by 68 species in Turkey. A total of 484 literature record, reviewed with their scoped areas, has been presented to be the state-of-the-art for new researches. This publication does not aim to validate nor authorize the content of studies but rather attempts to put them in to an order based upon a selection of those publications that have complete information of layout and fully presented according to academic rules and necessities, and so as to be written in order of author, year, title, periodical or book, volume, issue and pages, properly.

KEY WORDS: Rodents, bibliography, literature, Mammalia, Turkey

World mammals have 28 orders, 53 families 1229 genera and 5416 species. Order Rodentia is the the largest of mammal groups with 33 families, 482 genera and 2277 species (Wilson & Reeder, 2005). Mammals in Turkey are represented by 9 order as Erinaceomorpha, Soricomorpha, Chiroptera, Carnivora, Lagomorpha, Rodentia, Perissodactyla, Artiodactyla, and Cetace. Previously, bibliographies related to Chiroptera, Carnivora and Artiodactyla from Turkey were published (Albayrak et al., 1997, 1998, 2000). Therefore, the review presented in this study will be followed by the Orders Erinaceomorpha, Soricomorpha, Lagomorpha, Perissodactyla and Cetace to be able to complete a whole Turkish mammalian bibliography. The name of the Order Insectivora has been changed to two orders as the Order Erinaceomorpha and the Order Soricomorpha recently (Wilson & Reeder, 2005).

This study aims to prepare the bibliography of Order Rodentia which has the highest number of species in Turkey as in the World.

MATERIAL AND METHOD

This study was carried out with scanning of literature, related books in libraries and also records provided from the autobiographies of the researchers. All the literature about Rodentia, including taxonomy, systematics, distribution, bioecology, behaviour, karyology, cytology, genetics and molecular biology, is sorted by alphabetical order of the author's name and year in the findings section. Some periodicals are abbreviated according to "Web of Science" and some were cited according to abbreviation used by the periodicals. The references section contains the general mammalian literature.

RESULTS

A total of 68 rodent species live in Turkey. There have been some changes in the status of the taxa so far. It was noticeable that the molecular studies also

recommended considerable changes in the status of some taxa. The updated list of the studies of Turkish rodent fauna were given below.

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In addition to the previously published mammal bibliography (Aytuğ & Çakman, 1972; Önder, 1982; Dođramacı, 1989), ever since the first record of rodents in Turkey, the names of some taxa and taxonomic categories have been changed. In this study, a total of 484 references was accessed on the Rodentia. Then 319 of them belong to native researchers and 90 foreign researchers and 75 native and foreign researchers (Fig. 1).

According to literature, 68 species of 171 mammalian species recorded in Turkey belong to the Order Rodentia. Five species, *Spermophilus taurensis*, *Microtus guentheri*, *Microtus dođramacii*, *Dryomys laniger* and *Acomys cilicicus* belonging to the Order Rodentia and one species, *Crocidura arispa* belonging to the Order Soricomorpha are endemic.

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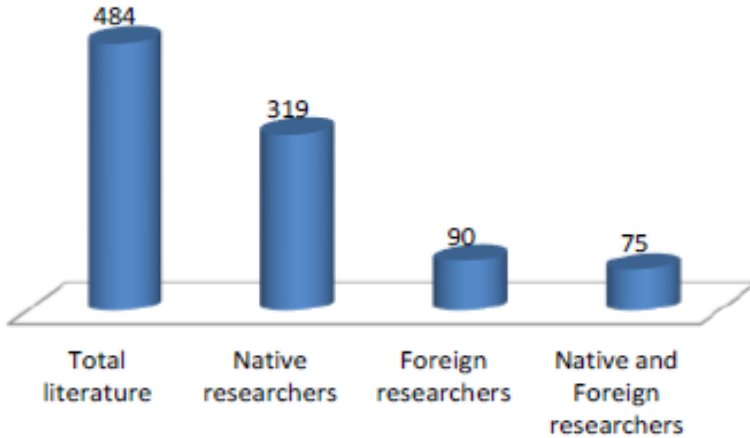


Figure 1. Numerical distribution of studies on rodent species in Turkey.