

Ministry of Education
IRAQ NATURAL HISTORY MUSEUM
Publication No. 4.

A Bibliography
on the
Vertebrate Fauna of Iraq
and
Neighbouring Countries

I. Mammals

Compiled & annotated by

BASHIR E. ALLOUSE, M.S.

Asst. Professor of Zoology, College of Arts & Science,
and Director, Iraq Natural History Museum, Baghdad.



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PREFACE

This "Bibliography" has been compiled in an attempt to bring together the vast volume of literature on the vertebrate fauna of the Middle-Eastern countries (excluding Egypt), so far published as separate works or in various scientific journals.

Although the "Zoological Record" was the main source of information for works published from 1864 to 1951, many more titles were added by reference to original papers and more recent scientific periodicals; thus bringing this compilation, in some cases at least, up to 1953 and part of 1954. In many instances, however, brief annotations were included for the benefit of the user.

As a matter of convenience, this work will be published in four separate parts: (I) Mammals, (II) Birds, (III) Reptiles and Amphibians, and (IV) Fishes.

The region covered by this literature represents an interesting assemblage of Indian, European, and African faunas, since it lies at the cross-roads of the three continents. As a geographical region it includes the Kingdom of Iraq in the centre, and the neighbouring countries of the Middle-East area: Iran to the east; Turkey to the north; the Arab countries of Syria, Lebanon, Palestine and Jordan to the west; and the Arabian Peninsula of Saudi Arabia, Yemen, Hadhramaut, Oman, etc., to the south. A classified index by countries is given at the end of each part.

The main body of this work was prepared in 1952 at the library of the University of Michigan's Museum of Zoology, where complete series of the Zoological Record and various scientific journals are available. I am particularly indebted to the Librarian and Curators of the said Museum for their kind help and encouragement. Many

additions, however, were included since then, through recent publications received by the library of the Iraq Natural History Museum.

The compiler, in his endeavour to make this bibliography as complete and authentic as possible, urges all who are directly interested in the fauna of this region to send in any corrections or additions which they think of value for later publication.

*Iraq Natural History Museum,
Baghdad, Iraq*

BASHIR E. ALLOUSE

August 15, 1954.

NOTE

In this part, as in those to follow, the compiler's wording and notes are inserted between square brackets.

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3. 1932. Die Muriden von Palastina und Syrien. Z. Sauget. Berlin, **7**: 166-240.
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8. 1912. [On *Petalia thebaica adana* from Aden.] Ann. Mag. Nat. Hist., (8) **10**: 548. [An Egyptian Slit-faced Bat.]

ANDERSON, J. and WINTON, W. E. de.

9. 1901. [On *Erinaceus dorsalis* from Hadhramaut.] Ann. Mag. Nat. Hist., (6) **7**: 42. [An Ethiopian Hedgehog.]
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(ANON).

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15. 1946. Field notes. Bull. Jerusalem Nat's Cl., **21**: 7.
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21. 1943. Pleistocene *Cricetinae* from Palestine. Ann. Mag. Nat. Hist., (11) **10**: 813-838, figs.
22. 1945. Notes on small mammals from the Lebanon Mountains, Syria. Ann. Mag. Nat. Hist., (11) **12**: 141-158, 2 figs. [Covers 15 forms.]

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23. 1934. Bemerkungen über den Persischen Löwen. Z. Säuget., **9**: 439-440. [On the Persian Lion.]
24. 1936. [On a Roe Deer, *Capreolus c. whittalli*, from Turkey.] Ann. Mag. Nat. Hist., (10) **17**: 405.

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28. 1916. De Felibus Asiaticis duabus novis. Ann. Mus. Zool. Acad. Sci. St. Petersb., **21**: Suppl. i-ii. [On a Desert Cat, *Felis ornata nesterovi*, from Lower Iraq.]

BLACKLER, W. F. G.

29. 1916. On a new species of *Microtus* from Asia Minor. Ann. Mag. Nat. Hist., (8) **17**: 426-427. [Describes Günther's Vole, *M. lydius*.]
30. 1916. On two new Carnivores from Asia Minor. Ann. Mag. Nat. Hist., (8) **18**: 73-77. [Describes a Wild Cat, *Felis silvestris trapezia*, and a Badger, *Meles m. ponticus*.]
31. 1916. On two new subspecies of Roe Deer. Ann. Mag. Nat. Hist., (8) **18**: 78-80. [One, *Capreolus c. armenius*, from Asia Minor.]

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35. 1881. [On *Mus arianus* from Persia.] Ann. Mag. Nat. Hist., (5) **7**: 162. [A Common Field Mouse.]

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 47. 1875. [On *Cervus (Dama) mesopotamicus* from Persia.] Proc. Zool. Soc. London: 264. [The Persian Fallow Deer.]

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 51. 1935. Arabian adventure to the Great Nafud in quest of the Oryx. London, Witherby. 200 pp. 33 pls. 2 maps.

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61. 1877. On the mammals of Asia Minor, part I. Proc. Zool. Soc. London: 270-281. [Listing 38 species, one of which, *Mus mystacinus*, a Broad-toothed Mouse, is new.]
62. 1880. On the mammals of Asia Minor, part II. Proc. Zool. Soc. London: 50-64. [Listing 46 more species.]
- DANFORD, C. G. and ALSTON, E. R.

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- Desert Cat; *Mellivora wilsoni*, a Ratel; and *Tatera pitmani*, An Indian Gerbil.]

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75. 1863. [On *Sorex (Crocidura) fumigatus* from Teheran, Persia.] Arch. Zool. Anat. Fisiol. Genova, **2**: 379. [A White-toothed Shrew.]
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70. 1933. Mammals in: H. St. J. Philby's "The Empty Quarter". London; Constable. 394 pp.

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97. 1780. On *Antilope subgutturosa* from Persia. Acta Acad. Sci. Petrop. **1**: 251. [The Persian Gazelle.]

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101. 1946. Notes on mammals in Palestine. Bull. Jerusalem Nat's Cl., **30**: 3-4.
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103. 1947. The Palestine Leopard. J. Soc. Preserv. Faun. Emp. London, **55**: 16-20.

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HAYMAN, R. W.

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86. 1939. Five new rodents from the eastern Alburz Mountains and a new race of Hare from Teheran. Amer. Mus. Novit. No. 1050: 1-5. [Describes a Hamster, *Calomyscus elburzensis*; A Fat Dormouse, *Glis g. petruccii*; A Persian Jird, *Meriones persicus gurganensis*; A Sundevall's Jird, *Meriones (Pallasiomys) iranensis*; and a Great Gerbil, *Rhombomys opimus sodalis*. The Hare is *Lepus europaeus iranensis*.]
87. 1940. Mammals collected by the Legendre Iran Expedition, 1938. Amer. Mus. Novit. No. 1082: 1-17. [Notes on 47 forms, nine of which are new.]

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89. 1850. [On *Cervus maral* from Persia.] Knowsley Menagerie, pls. 38, 39. [The Maral.]
90. 1857. [On *Oryx beatrix* from the shores of the Persian Gulf.] Proc. Zool. Soc. London: 157. (The Arabian Oryx.)
91. 1864. [On *Herpestes persicus* from western Persia.] Proc. Zool. Soc. London: 554. [Small Indian Mongoose.]
92. 1867. Notes on the skulls of Hares (*Lepovidae*) and Picas (*Lagomyidae*) in the British Museum. Ann. Mag. Nat. Hist., 20: 219-225.
93. 1867. [On two forms of Persian Squirrels *Sciurus historicus* and *Macroxus syriacus* var. *pallescens* from Syria.] Ann. Mag. Nat. Hist., 10: 273, 285.
94. 1868. [On *Hyrax sinaiticus* from Sinai.] Ann. Mag. Nat. Hist., 1: 45. [The Hyrax.]

Ann. Mag. Nat. Hist., (12) 3: 417-419. [*Rhinolophus aerotis*, *tadarida pumilus*, and *Felis margarita*.]

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112. 1861. [On *Hemiechinus pectoralis* from Transjordan.] Nov. Acta Leop. Carol. 29: 22. [The Ethiopian Hedgehog.]

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113. 1920. Three new subspecies of *Spalax monticola*. Ann. Mag. Nat. Hist., (9) 5: 312-320. [Describes *S. m. thermaicus* from Greece, *S. m. corybantium* and *S. m. captorum* from Asia Minor. All are now considered synonyms of *Spalax teucodon*, the Lesser Mole-Rat.]

ILLIGER, J. C. W.

114. 1815. [On *Felis virgate* from northern Persia.] Abh. K. Akad. Wiss. Berlin: 98. [Relates to the Tiger.]

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115. 1907. Wild sheep of the Elburz Mountains. Field, London, **109**: 529. [*Ovis vignei arkal.*]
 116. 1911. By Mountain, Lake, and Plain; Sketches of sport in eastern Persia. Edinburgh & London: Wm. Blackwood. 283 pp. 264 figs.

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128. 1907. Major Kennion's Wild Sheep. Field, London, **110**: 118.
129. 1907. The range of North African Antelopes. Field, London, **110**: 249. [Some African Antelopes unknown in Syria.]
130. 1908. Major Kennion's Gazelle. Field, London **111**: 499. [Relates to *G. yerikandensis kennioni* from Persia.]
131. 1908. The Chamois of Asia Minor. Field, London, **112**: 104.
132. 1910. The Gazelles of Seistan. Nature, London, **83**: 201-202.

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135. 1905. [On *Capra persica* in Persia.] Weidwerk in Wort u. Bild, **14**: 174. [The Wild Goat.]
136. 1907. Die dreizehnte Deutsche Geweihausstellung zu Berlin, 1907. Weidwerk in Wort u. Bild, **16**: 181-241. [On new Asiatic Wild Goats, especially in Asia Minor.]
137. 1912. [On *Felis (Caracal) caracal schmitzi* from Palestine and *F. c. aharonii* from Upper Euphrates, Syria.] Sitzber. Ges. Naturf. Fr. Berlin: 64, 66. [Both names are synonyms to Caracal Lynx *Felis caracal algira*.]
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139. 1919. *Spalax labamei*, eine auscheinend noch nicht beschrieben

Blindmaus aus Kleinasien. Sitzber. Ges. Naturf. Fr.
Berlin: 35-38. [The Lesser Mole Rat.]

MECQUENEM, R. de.

140. 1905. Le gisement de vertébrés fossiles de Maragha. C.R. Acad. Sci. Paris, **141**: 927-929.
141. 1908. Contribution à l'étude du gisement des vertébrés de Maragha et de ses environs (2me partie). Ann. Hist. Nat. Paris, **1**: 81-98, pls.

MEHELY, L. von

142. 1909. [On *Spalax monticola cilicicus*, *S. m. anatolicus*, and *S. m. turcicus* from Turkey.] A Földi Kutya Fajai, Budapest, 84, 88, 105, [The Lesser Mole Rat, and all these names are now considered synonyms to *Spalax leucodon*.]

MILLER, G. S.

143. 1903. [On *Spalax berytensis* from Syria.] Proc. Biol. Soc. Washington, **16**: 162. [The Palestine Mole Rat.]
144. 1908. Two new mammals from Asia Minor. Ann. Mag. Nat. Hist., (8) **1**: 68-70. [Describes a new Water-Shrew, *Neomys teres*; and a Hazel Dormouse, *Muscardinus trapezius*.]
145. 1908. The recent Voles of the *Microtus nivalis* group. Ann. Mag. Nat. Hist., (8) **1**: 97-103. [Describes *M. pontius* from Asia Minor, and *M. hermonis* from Palestine, two subspecies of the Snow Vole.]

MONTICELLI, F. S.

146. 1887. Note Chiropterologica. Ann. Mus. Stor. Nat. Genova, **5**: 518. [Records of some Bats from Aden including one, *Vespertilio dogalensis*, new.]

MORRISON-SCOTT, T. C. S.

147. 1939. Some Arabian mammals collected by Mr. H. St. J. B. Philby, C.I.E. Novit. Zool. Tring, **41**: 181-211, 2 figs.
148. 1951. Exhibition of photograph of skin of Arabian Cheetah. Abst. Zool. Soc. London, **1951**, 1: 2.

MULLER, F.

149. 1911. [On *Hystrix hirsutirostris aharonii* and *H. h. schmidtzi* from Palestine.] Sitzber. Ges. Naturf. Fr. Berlin: 123, 126. [The Indian Crested Porcupine, and both names are now considered synonyms to *Hystrix indica indica*.]
150. 1912. Beiträge zur kenntnis der Stachelschweine Asiens, insbesondere Palästinas, II. Sitzber. Ges. Naturf. Fr. Berlin: 61-70, 2 pls.
151. 1920. Eine neue Stachelschweinart aus Turkestan. Zool. Anz. **51**: 190-194, 2 figs. [Describes *Hystrix mesopotamica*, The Indian Crested Porcupine, from northeastern Syria.]
152. 1920. Beiträge zur kenntnis der Stachelschweine Asiens, insbesondere Palästinas, III. Zool. Anz., **51**: 195-200, 2 figs.

MURRAY, J. A.

153. 1884. Additions to the present knowledge of the vertebrate zoology of Persia. Ann. Mag. Nat. Hist., (5) **14**. Mammals: 98-100. [Mentions certain species of *Rhinolophus*, *Ursus*, *Delphinus*, *Dipus*, and *Lagomys* as occurring in Persia, with a description of the Blanford's Jerboa, *Dipus blanfordi*.]

NASONOV, N. V.

154. 1909. Note préliminaire sur une nouvelle espèce du Mouton sauvage, *Ovis laristanica*, de la Perse meridionale. Bull. Acad. Sci. St. Petersb., **3**: 1179-1180. [Text in Russian.]
155. 1911. [On *Ovis urmiana isphahanica* from Persia.] Bull. Acad. Sci. St. Petersb., **5**: 1290. [The Red Sheep.]
156. 1913. *Ovis arcar* et les formes voisines des Moutons sauvages. Bull. Acad. Sci. St. Petersb., **7**: 3-32, 6 pls. [Text in Russian.]

NEHRING, A.

157. 1897. [On *Nesokia bacheri* from Palestine.] Zool Anz. No. **547**: 503. [A Short-tailed Mole-Rat.]
158. 1898. Ueber mehrere neue *Spalax* Arten. Sitzber. Ges. Naturf. Fr. Berlin: 163-183, 5 figs. [Includes 3 forms, *S. ehren-*

bergi, *S. kirgisorum*, and *S. intermedius* from Palestine & Syria, which are all considered synonyms to *S. e. ehrenbergi*, The Palestine Mole-Rat.]

159. 1901. [On *Dipus schluteri* from Palestine.] Sitzber. Ges. Naturf. Fr. Berlin: 163. [The Lesser Egyptian Jerboa.]
160. 1901. [On *Dipodillus dasyuroides* from Palestine.] Sitzber. Ges. Naturf. Fr. Berlin: 173. [Wagner's Gerbil.]
161. 1902. Die geographische Verbreitung der Säugethiere in Palastina und Syrien. Globus, **81**: 309-314.
162. 1902. Ueber einen neuen Sumpfluchs (*Lyncus chrysomelanotis*) aus Palastina. Sitzber. Ges. Naturf. Fr. Berlin: 1-7 (127, 147) [The Jungle Cat.]
163. 1902. [On *Mustela foina syriaca* from Jordan.] Sitzber. Ges. Naturf. Fr. Berlin: 145. [The Stone Marten.]
164. 1903. [On *Myoxus glis orientalis* from Asia Minor.] Sitzber. Ges. Naturf. Fr. Berlin: 187. [The Fat Dormouse.]
165. 1903. [On *Allactago williamsi laticeps* from Asia Minor.] Sitzber. Ges. Naturf. Fr. Berlin: 357. [William's Jerboa.]

NEUHAUSER, G.

166. 1936. Diagnosen neuer Kleinasiatischen Mäuse. Z. Säuget. **11**: 159-160. [Describes a Pine Mouse, *Pitymys majori fingeri*; a Turkish Jird, *Meriones blackleri intraponticus*; a Snow Vole, *Microtus nivalis olympius*; and a Vole, *Microtus gud lasistanius* — all from Asia Minor.]
167. 1936. Die Muriden von Kleinasien. Z. Säuget., **11**: 161-236, map.

NEUMANN, O.

168. 1902. [On *Genetta terraesacta* from Palestine.] Sitzber. Ges. Naturf. Fr. Berlin: 183. [The European Genet.]
169. 1906. [On *Gazella arabica erlangeri*, and *G. a. rueppelli* from Arabia & Sinai.] Sitzber. Ges. Naturf. Fr. Berlin: 244. [Both are synonyms to *G. g. arabica*, the Mountain Gazelle.]

NOACK, H.

170. 1896. [On *Capra mengesi* from Arabia.] Zool. Anz., **19**: 353. [The Nubian Ibex.]

171. 1897. [On *Canis hadramauticus* from Arabia.] Zool. Anz., **19**: 356. [The Asiatic Jackal.]
172. 1897. Arabische Säugethiere. Zool. Anz., **20**: 365-368.

OGNEV, S. J.

173. 1921. Contribution à la classification des mammifères insectivores de la Russie. Ann. Mus. Zool. Acad. St. Petersburg: 311-350. [Text in Russian, and includes Persia.]
174. 1931. [On *Lutra lutra meridionalis* from Teheran, Persia.] Mamm. E. Europe, **2**: 527. [The Common Otter.]

PALACKY, J.

175. 1881. Zur Fauna Palästinas. Sitzber. Ges. Naturf. Fr. Berlin: 58. [Observations on mammals.]

PALLAS, P. S.

176. 1766. [On *Antilope gazella* from Syria.] Misc. Zool., 7. [The "Idmi" Gazelle.]
177. 1777. (On *Antilope leucoryx* from Arabia.) Spicil. Zool. **12**: 17. [The Arabian Oryx.]

PETERS, W.

178. 1869. [On *Vesperus bottae* from Yemen.] Mber. Preuss. Akad. Wiss., p. 406. [Isabelline Bat.]

PITMAN, C. R. S.

179. 1922. Notes on Mesopotamian mammals. J. Bombay Nat. Hist. Soc., **28**: 474-480. See also: Survey of Iraq Fauna, 1923: 317-323. [Covering 17 species.]

POCOCK, I.

180. 1917. The habits of the Syrian Mole-Rat in Palestine. Field, London, May 26: 740.
181. 1927. Description of two subspecies of Leopards. Ann. Mag. Nat. Hist., (9) **20**: 213-214. [One is the Persian Leopard, *Panthera pardus saxicolor*.]
182. 1932. The Black and Brown Bears of Europe and Asia. J. Bombay Nat. Hist. Soc., **35**: 771.

183. 1932. The skin of a Persian Panther (*Panthera pardus saxicolor*) J. Bombay Nat. Hist. Soc., **36**: 236.
184. 1932. [On *Panthera pardus jarvisi* from Sinai.] Proc. Zool. Soc. London: 546. [A subspecies of the Leopard.]
185. 1934. Preliminary diagnoses of some new races of South Arabian mammals. Ann. Mag. Nat. Hist., (10) **14**: 635-636. [Six new subspecies are described: An Ethiopian Hedgehog, *Paraechinus dorsalis albior*; a Nile Rat, *Arvicanthis niloticus naso*; a Wolf, *Canis lupus arabs*; a Sand Fox, *Vulpes rüppelli sabaea*; a Striped Hyaena, *Hyaena h. sultana*; and an Arabian Oryx, *Oryx leucoryx latipes*.]
186. 1935. The mammals collected in southeast Arabia by Mr. Bertram Thomas and Mr. H. St. J. Philby. Ann. Mag. Nat. Hist., (10) **15**: 441-467. [Covers 16 species, five of which are new.]
187. 1936. (On *Vormela peregusna syriaca* from Palestine and Syria.) Proc. Zool. Soc. London: 720. [A form of the Marbled Polecat.]
188. 1938. The Jackals of South-west Asia and South-east Europe. Proc. Zool. Soc. London: 37-39. [Contains a key for the identification of *Canis c. aureus*, *C. c. syriacus*, and *C. c. moreoticus*.]
189. 1944. The Wild Cat (*Felis libyca*) of Palestine. Ann. Mag. Nat. Hist., (11) **11**: 125-130. [Describes a new subspecies, *F. l. tristrami*.]
190. 1946. [On the Persian Fallow Deer *Dama mesopotamica*. J. Soc. Pres. Fauna Emp., **53**: 53.]
191. 1946. External and cranial characters of some rare Asiatic mammals recently exhibited by the Society. Proc. Zool. Soc. London, **115**: 310-318. [Describing a Hunter Leopard, *Acinonyx jubata venatica*; a Wolf, *Canis lupus pallipes* from Iraq; and a new Ratel, *Mellivora capensis pumilio* from S. Arabia.]
192. 1947. Two new local races of the Asiatic Wild Ass. J. Bombay Nat. Hist. Soc., **47**: 143-144. [On *Microhippus hemionus blanfordi* and *M. h. bahram* in Persia.]

ROBINSON, H. C.

193. 1918. A new race of Hare from the Persian frontier of Mesopo-

tamia. Rec. Indian Mus. Calcutta, **15**: 49-50, figs. [On *Lepus dayanus connori*.]

ROUSSELOT, R.

194. 1947. Les rongeurs de la region de Téhéran. Arch. Inst. Hessaek, Teheran, **5**: 51-61, 7 figs.

SANBORN, C. C.

195. 1940. Mammals from Iraq; Being Appendix "F" of Dr. Henry Field's Anthropology of Iraq. Anthropol. Ser., Field Mus. Nat. Hist., **30**, 1, No. **1**: 156-162. [Recording 25 forms of mammals.]

SATUNIN, K. A.

196. 1898. [On *Spalax nehringi* from Asia Minor.] Zool. Anz. **21**: 314. [The Lesser Mole-Rat.]
197. 1905. [On *Hyaena vulgaris zarudnyi* from Persia.] Mitt. Kauk. **2**: 14, 19. [The Striped Hyaena.]
198. 1907. [On *Hemiechinus persicus* from Persia.] Ann. Mus. Zool. Acad. St. Petersb., **1**: 184. [The Long-eared Hedgehog.]
199. 1909. Ueber einen neuen Ziesel aus Nordpersien. Ann. Mus. Zool. Acad. St. Petersb., **14**: 1-4. [On the Large-toothed Souslik, *Cynomys concolor hypoleucos*.]

SCHREBER, J. C. D. von

200. 1784. [On *Hyrax syriacus* from Syria.] Säugeth. pl. 240B. [The Hyrax.]

SHIDLOVSKY,

201. 1919. [On *Microtus (Arbusticola) rubelianus* from Asia Minor.] Tiflis Bull. Ter. Exp. Stat. **2**: 21. [The European Pine Vole.]

SMIRNOV, N.

202. 1910. Note on the Wild Sheep of the Urmi Island (*Ovis orientalis urmiana*.) Bull. Mus. Caucase Tiflis, **10**: 273-288, pl. [Text in Russian.]

SMITH, H.

203. 1841. [On *Asinus hamar* from Persia.] Jardine's Nat. Libr. Mamm. **31**: 351, pl. 19. [The Indian Wild Ass or Ghor-khar.]

STEHLIN, H. G.

204. 1931. Une mandibule de Giraffidé de Tokoum, Perse. Ecl. Geol. Helv. **24**: 275-279, map, 2 figs.

SUNDEVALL, C. J.

205. 1842. [On *Meriones crassus* from Sinai.] K. Sv. Vetensk. Akad. Handl., 233. [The Sundevall's Jird.]

SYKES, W. H.

206. 1831. [On *Canis pallipes* from Iraq and Arabia.] Proc. Zool. Soc. London: 101. [The Wolf.]

TAGHI-ZADEH, F.

207. 1947. *Microtus socialis*. Entom. Phytopath. Appliquees, Teheran, **1**: 39-41. [In Iranian with French summary.]
208. 1947. *Glis glis caspius* Satun. Entom. Phytopath. Appliq. Teheran, **2**: 23-24. [In Iranian with French summary.]
209. 1947. *Rattus rattus* L. Entom. Phytopath. Appliq., **3**: 44-45. [In Iranian with French summary.]
210. 1947. *Nesokia indica* Gray. Entom., Phytopath. Appliq., **4**: 55-57. [French summary.]
211. 1947. *Meriones p. persicus* Blanford. Entom. Phytopath. Appliq., **5**: 41-42.

THESIGER, W.

212. 1949. A further journey across the Empty Quarter. Geogr. J., London, **113**: 21-46, 9 figs.

THIELMANN, M. von

213. 1875. Streifzuge in Kaukasus, in Persien, und in der Asiatischen Türkei. Leipzig. (English translation by C. Heneage, London.)

THOMAS, O.

214. 1881. [On *Allactaga euphratica* from Iraq.] Ann. Mag. Nat. Hist., **8**: 15. [The Euphrates Jerboa.]
215. 1892. [On *Procavia syriaca jayakari* from Arabia.] Proc. Zool. Soc. London: 63. [The Hyrax.]
216. 1892. [On *Gerbillus calurus* from Sinai, and *Meriones tristrami* from Palestine.] Ann. Mag. Nat. Hist., (6) **9**: 76, 148. [The Bushy-tailed and Shaw's Jirds, respectively.]
217. 1894. [On *Lepus omanensis* from Oman.] Proc. Zool. Soc. London: 450. [The Arabian Hare.]
218. 1894. [On *Hemitragus jayakari* from Oman.] Ann. Mag. Nat. Hist., (6) **13**: 265. [The Arabian Tahr.]
219. 1897. [On *Gazella marica* from Central Arabia.] Ann. Mag. Nat. Hist., (6) **19**: 162. [The White Gazelle.]
220. 1897. [On *Ellobius lutescens* and *Allactaga williamsi* from Asia Minor.] Ann. Mag. Nat. Hist., (6) **20**: 308, 309. [A Mole-Vole and William's Jerboa respectively.]
221. 1902. [On *Dipodillus mimulus* from Arabia, and *Psammomys obesus terraesanctae* from Palestine.] Ann. Mag. Nat. Hist., (7) **9**: 362, 363. [Wagner's Gerbil and Fat Sand Rat respectively.]
222. 1902. On five new mammals from Arabia and Persia. Ann. Mag. Nat. Hist., (7) **10**: 487-491. [Describes two Common Red Foxes, *Vulpes v. splendens* & *V. v. arabica*; a Field Mouse, *Mus sylvaticus witherbyi* from Persia; a European Genet, *Genetta grantii*; and a King Jird, *Meriones buryi* from Arabia.]
223. 1903. [On *Rhinopoma muscatellum* from Muscat.] Ann. Mag. Nat. Hist., (7) **11**: 498. [The Lesser Red-tailed Bat.]
224. 1903. [On *Mus mystacinus smyrnensis* and *Meriones blackleri* from Asia Minor.] Ann. Mag. Nat. Hist., (7) **12**: 188, 189. [The Broad-toothed Field Mouse and Turkish Jird respectively.]
225. 1904. [On *Gazella merilli* from Palestine.] Proc. Zool. Soc. London, **2**: 347. [The Mountain Gazelle.]
226. 1905. [On *Vespertilio matschiei* from Aden.] Ann. Mag. Nat. Hist., (7) **16**: 573. [The Sind Bat.]

227. 1905. On a collection of mammals from Persia and Armenia, presented to the British Museum by Col. A. C. Bailward. Proc. Zool. Soc. London, **2**: 519-527. [Notes on 31 forms, four of which are new: a Large Mouse-eared Bat, *Myotis m. omari*; an Indian Pipistrelle, *Pipistrellus aladdin*; a Mouse-like Hamster, *Calomyscus bailwardi*; and an Afghan Mole-Rat, *Ellobius woosnami* — all from Persia.]
228. 1906. [On *Vespertilio matschiei pellucens* from Ahwaz, Persia.] Proc. Zool. Soc. London, **2**: 520. (Another synonym of the Sind Bat.)
229. 1906. [On four new mammals from Asia Minor.] Ann. Mag. Nat. Hist., (7) **17**: 417-419. [Describes a European White-toothed Shrew, *Crucidura russula monacha*; a Red-backed Vole, *Evotomys ponticus*; a Robert's Vole, *Microtus roberti*; and a European Pine Vole, *M. (Pitymys) majori*.]
230. 1906. [On *Glis. g. spoliatus* from Asia Minor.] Ann. Mag. Nat. Hist., (7) **18**: 220. (The Fat Dormouse.)
231. 1907. On mammals from northern Persia, presented to the National Museum by Col. A.C. Bailward. Ann. Mag. Nat. Hist., (7) **20**: 196-202. [15 species are mentioned, five of which are new: a Long-winged Bat, *Miniopterus schreibersii pallidus*; a European White-toothed Shrew, *Crucidura russula caspica*; a Bicolor White-toothed Shrew, *C. leucodon persica*; a Short-tailed Mole-Rat, *Nesokia bailwardi*; and a Water Vole, *Microtus terrestris armenius*.]
232. 1907. On a new Dormouse from Asia Minor, with remarks on the subgenus "Dryomys". Ann. Mag. Nat. Hist., (7) **20**: 406-407. [*D. nitedula phrygius*, a Forest Dormouse.]
233. 1911. [On *Ochotona rufescens regina* and *O. r. vizier* from Persia.] Ann. Mag. Nat. Hist., (8) **8**: 762. [Two forms of the Afghan Pika.]
234. 1913. Some new Ferae from Asia and Africa. Ann. Mag. Nat. Hist., (8) **12**: 88-92. [Includes two forms of the Lesser Rat-tailed Bat, *Rhinopoma cystops arabium* from Arabia, and *R. muscatellum seianum* from Persia.]
235. 1915. [On *Coleura gallarum* from Arabia.] Ann. Mag. Nat. Hist. (8) **15**: 576. [The Aden Sheath-tailed Bat.]
236. 1915. Scientific results from the Mammal Survey — XI. J. Bombay Nat. Hist. Soc., **24**: 58-59. [Describes a new Tomb

- Bat, *Taphozous kachhensis babylonicus*, occurring in Iraq and Palestine.]
237. 1917. A new Vole from Palestine. Ann. Mag. Nat. Hist., (8) **19**: 450-451. [*Microtus philistinus*, a form of Gunther's Vole.]
238. 1917. [On *Cricetulus migratorius vernula* from Asia Minor.] Ann. Mag. Nat. Hist., (8) **19**: 453. [The Grey Hamster.]
239. 1918. New forms of *Dendromus*, *Dipodillus*, and *Gerbillus* Ann. Mag. Nat. Hist., (9) **2**: 59-64. [Includes a new form of Baluchistan Gerbil, *Dipodillus arabium*, from Arabia.]
240. 1918. New species of *Gerbillus* and *Taterillus*. Ann. Mag. Nat. Hist., (9) **2**: 146-151. [Includes a new form of the Lesser Egyptian Gerbil, *Gerbillus allenbyi*, from Palestine.]
241. 1918. The Hedgehog of Palestine and Asia Minor. Ann. Mag. Nat. Hist., (9) **2**: 211-213. [Includes a description of *Erinaceus roumanicus sacer* from Palestine.]
242. 1919. The White-toothed Shrew of Palestine. Ann. Mag. Nat. Hist., (9) **3**: 32. [Describes *Crocidura russula judaica*.]
243. 1919. Notes on Gerbils referred to the genus *Meriones*, with descriptions of new species and subspecies. Ann. Mag. Nat. Hist., (9) **3**: 263-273. [Describes 5 new forms: Sundevall's Jird, *M. charon* (Persia, Iraq) and *M. pelerinus* (Arabia); a Persian Jird, *M. ambrosius* (Persia); a Turkish Jird, *M. blackleri lycaon* (Asia Minor); and a Libyan Jird, *M. syrius* (Syrian Desert.)]
244. 1919. Two new Gerbils from Sinai. Ann. Mag. Nat. Hist., (9) **3**: 559-560. [The Greater Egyptian Gerbil, *Gerbillus floweri*, and the Lesser Egyptian Gerbil, *G. bonhotei*.]
245. 1919. [On *Mus gentilulus* from Arabia.] J. Bombay Nat. Hist. Soc., **26**: 421. (One form of the House Mouse.)
246. 1919. A new species of *Nesokia* from Mesopotamia. J. Bombay Nat. Hist. Soc., **26**: 422-423. *N. buxtoni*, a Short-tailed Mole-Rat.]
247. 1919. Some new mammals from Mesopotamia. J. Bombay Nat. Hist. Soc., **26**: 745-749. [Five new species are described: Cheesman's Gerbil, *Gerbillus cheesmani*; Wall's Serotine (Bat), *Eptesicus walli*; a Serotine, *E. hingstoni*, Rüppell's Bat, *Pipistrellus cozi*; and Ethiopian Hedgehog, *Paraechinus ludlowi*.]

248. 1920. [On *Allactaga hotsoni* from Persia.] J. Bombay Nat. Hist. Soc., **26**: 936. [Hotson's Five-toed Jerboa.]
249. 1920. Scientific results of the mammals survey, XXII. A new Bat, *Rhinopoma pusillum*, from southeastern Persia. J. Bombay Nat. Hist. Soc., **27**: 25. [The Lesser Rat-tailed Bat.]
250. 1920. A new Shrew and two new Foxes from Asia Minor and Palestine. Ann. Mag. Nat. Hist., (9) **5**: 119-122. [Describes a Lesser White-toothed Shrew, *Crocidura portali*, and two forms of the Common Red Fox, *Vulpes v. anatolica* and *V. v. palaestina*.]
251. 1921. The Jerboa of Muscat. Ann. Mag. Nat. Hist., (9) **8**: 440. [*Jaculus loftusi vocator*, the Lesser Egyptian Jerboa.]
252. 1921. [On *Microtus irani* from Iran.] J. Bombay Nat. Hist. Soc., **27**: 41. [The Persian Vole.]
253. 1921. A new Arabian Hare (*Lepus omanensis cheesmani*). J. Bombay Nat. Hist. Soc., **28**: 28-29.
254. 1922. On some interesting Hedgehogs from the Persian Gulf. Ann. Mag. Nat. Hist., (9) **9**: 142-144. [Describes one form of the Ethiopian Hedgehog, *Paraechinus dorsalis albatus*, and two forms of the Brandt's Hedgehog, *P. niger sabaeus* and *P. n. seniculus*.]
255. 1922. The forms of *Jaculus jaculus* in Egypt and Syria. Ann. Mag. Nat. Hist., (9) **9**: 295-297. [One from the Syrian Desert, *J. j. syrius*, a Lesser Egyptian Jerboa.]
256. 1922. A new Hedgehog from Aden. Ann. Mag. Nat. Hist., (9) **10**: 307-308. [*Paraechinus oniscus*, a form of the Ethiopian Hedgehog.]
257. 1922. A new Jird (*Meriones*) from southern Palestine. Ann. Mag. Nat. Hist., (9) **10**: 552-553. [*M. sacramenti*, a form of Sundevall's Jird.]

THOMAS, O. and WROUGHTON, R. C.

258. 1908. [On *Scoteinus bedouin* from southwestern Arabia.] Proc. Zool. Soc. London, p. 540. [Schlieffen's Bat.]

TRISTRAM, H. B.

259. 1866. Report on the mammals of Palestine. Proc. Zool. Soc.

- London, pp. 84-93. [80 species are enumerated, most of which were collected during his expedition in 1864.]
260. 1868. Fauna of Palestine. Abstr. in Proc. Roy. Soc. London, p. 316.
261. 1884. The Survey of Western Palestine; Fauna and Flora of Palestine. London. Mammals: 1-30. [With Arabic and Hebrew names.]

TROUESSART, E. L.

262. 1905. [On *Cervus dama mesopotamiae* from Persia.] Caus. Sci. Soc. Zool. France, **1**: 405. [The Persian Fallow Deer.]

TROUESSART, E. L. and KOLLMANN, M.

263. 1923. Mammiferes in: Voyage Zoologique d'Henri Gadeau de Kerville en Syrie (Avril-Juin 1908), Tome IV. Paris: Bailliere, pp. 59-64.

UGAROV, A. A.

264. 1928. Contributions to the systematics of the genus *Ellobius* Fischer. Acta. Univ. Asiae Mediae, Tashkent, **8A**, **4**: 1-20, 3 figs. pl. [In Russian with an English summary.]

VALENCIENNES, A.

265. 1856. [On *Felis tulliana* from Asia Minor.] C.R. Acad. Sci. Paris, **42**: 1039. [A form of the Leopard, *Panthera pardus*.]
266. 1856. [On *Ovis anatolica* from Asia Minor.] C.R. Acad. Sci. Paris, **43**: 65. [A form of the Red Sheep, *O. orientalis*.]

VAN BUREN, D. E.

267. 1939. The Fauna of Ancient Mesopotamia as represented in Art. Rome. 113 pp. 15 pls. 108 figs.

WAGNER, J. A.

268. 1835. [On *Aegoceros beden* from Arabia.] Schreb. Säugeth., **5**: 1303. [Describes the Nubian Ibex, *Carpra ibex nubiana*.]
269. 1840. [On *Dipus macrotarsus* from Arabia.] Abh. Akad. Wiss. München, **3**: 214. [A form of the Lesser Egyptian Jerboa.]

270. 1840. [On *Eliomys (Myoxus) melanurus* from Sinai.] Abh. Bayer Akad. Wiss. **3**: 176, pl. 3, figs. 1. [A form of the South-West Asian Garden Dormouse.]
271. 1840. [On *Mus russatus* from Sinai.] Abh. Bayer Akad. Wiss. **3**: 195, pl. 3, fig. 2. [The Golden Spiny Mouse.]
272. 1842. [On *Meriones dasyurus* from Sinai.] Arch. f. Nat., **8**, 1:20. [Wagner's Gerbil.]
273. 1843. [On *Meriones taeniurus* from Syria.] Schreb. Säugeth. Suppl. **3**: 471. [A form of the Indian Gerbil.]
274. 1845. [On *Meriones myosurus* from Syria.] Arch. f. Nat., **11**, 1: 149. [A form of the Short-tailed Bandicoot Rat.]
275. 1848. [On *Hypudaeus cinerascens* from Syria.] Arch. f. Nat., **14**, 1: 184. [A form of the Migratory Hamster.]

WAHBY, A.

276. 1931. Vie et moeurs des *Capra aegagrus* (Pallas) des Mts. Taurus (region d'Alaya). Arch. Zool. Torino, **16**: 545-549, pl.

WASSIF, K.

277. 1945. On the occurrence of *Paraechinus dorsalis* in South Sinai, with a note on the osteology of the animal. Bull. Fac. Sci. Fouad I Univ. Cairo, **25**: 201-215, 3 pls. & 3 figs.

WATERHOUSE, G. R.

278. 1837. [On *Mus abbotti* from Asia Minor.] Proc. Zool. Soc. London, p. 77. [Now considered a synonym of *Mus musculus brevirostris*, a form of the House Mouse.]
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Addenda.

(Further references may be added here and in the next page.)

Addenda.

THE FIRST OF THESE ADDENDA IS A LIST OF THE NAMES OF THE MEMBERS OF THE BOARD OF DIRECTORS OF THE BANK OF AMERICA AND MARYLAND, AS OF THE YEAR 1900.

MEMBERS OF THE BOARD OF DIRECTORS OF THE BANK OF AMERICA AND MARYLAND, AS OF THE YEAR 1900.

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مقدمة

لا بد للباحث المحقق عن حيوانات قطر من الاقطار أن يلم أولا بالمصادر الاصلية من كتب ومقالات نشرت مستقلة أو في بطون المجلات العلمية ، قديما وحديثا ، ليطلع على ما سجله الباحثون من قبله من ملاحظات واكتشافات هامة عن حيوانات ذلك القطر بالذات ، وهو يصرف في سبيل ذلك الوقت الطويل في امهات دور الكتب العلمية حيث تتوفر مجموعات كاملة من مجلات التاريخ الطبيعي .

وقد عنيت اثناء دراستي في جامعة مشيكان عام ١٩٥٢ باستقصاء المصادر عن الحيوانات الفقرية للعراق والاقطار المجاورة له - وهي المنطقة التي عرفت بالشرق الاوسط - مستفيدا من مكتبة متحف علم الحيوان بالجامعة المذكورة حيث تتوفر الكتب والمجلات القديمة والحديثة في مواضيع التاريخ الطبيعي ، واستطعت بعد الجهد المتواصل أن اسجل كل ما وقع تحت نظري من مراجع تخص هذه المنطقة ، مع المعلومات الضرورية عن تاريخ نشرها واسم المجلة التي ظهر فيها البحث وعدد الصفحات واشرت في كثير من الحالات الى مضمون البحث والحيوانات التي وصفت فيه لأول مرة - وذلك على قدر ما سمحت لي امكانيات المكتبة . وكان أهم مرجع لي في هذا العمل « السجل الحيواني » (Zoological Record) الذي توالى جمعية علم الحيوان في لندن نشره سنويا منذ عام ١٨٦٤ ، فضلا عن أهم المجلات العلمية التي صدرت حديثا خلال عامي ١٩٥٢ و ١٩٥٣ - أي بعد نشر آخر مجلد للسجل المذكور وهو لمطبوعات سنة ١٩٥١ والمصادر في تشرين الثاني ١٩٥٣ . ولا بد لي بهذه المناسبة من التنويه بأن عددا غير قليل من المصادر أضيف بعد عودتي من أميركا بفضل المجلات الحديثة التي ترد الى مكتبة متحف التاريخ الطبيعي العراقي . وسيظهر سجل المصادر هذا في أربعة أقسام موزعة بالكيفية الآتية : -

(١) اللبائن . (٢) الطيور . (٣) الزواحف والبرمائيات . (٤) الاسماك - وسيرى القارئ العربي أن جميع هذه المصادر منشورة في اللغات الاجنبية (بينها التركية فقط من اللغات الشرقية) ومرتبة بحسب اسماء المؤلفين وفقا للتسلسل الابجدي .

أما الاقطار التي تتناولها هذه المصادر فهي العراق وما يحيط به من بلاد عربية وشرقية وتشمل ايران شرقا ، وتركيا شمالا ، وسوريا ولبنان وفلسطين والاردن غربا ، واقطار شبه الجزيرة العربية جنوبا . وقد نظم في آخر كل نشرة تصنيف للمصادر على حسب الاقطار .

والأمل أن تسد هذه النشرة فراغا كبيرا في الدراسات الاحيائية عن هذه المنطقة المهمة من العالم وتقدم للباحثين خدمة طيبة تغنيهم عن صرف الجهود المضنية للعثور على المصادر ذات العلاقة بصميم بحثهم .

بشير اللوس

متحف التاريخ الطبيعي العراقي

بغداد في ١٥ آب ١٩٥٤

وزارة المعارف

متحف التاريخ الطبيعي العراقي

نشرة رقم (٤)

مصادر عن الحيوانات الفقارية للعراق والاقطار المجاورة

القسم الاول

اللبائن

جمعها وعلق عليها

نشر في العدد ٠٤٠٢

الاستاذ المساعد لعلم الحيوان في كلية الآداب والعلوم ، والمدير المنتدب
لمتحف التاريخ الطبيعي العراقي في بغداد



مطبعة الرابطة - بغداد

١٩٥٤



وزارة المعارف

متحف التاريخ الطبيعي العراقي

نشرة رقم (٤)

مصادر عن الحيوانات الفقرية للعراق والاقطار المجاورة

القسم الاول

البيائن

جمعها وعلق عليها

بشير البونين ١٩٥٤ م

الاستاذ المساعد لعلم الحيوان في كلية الآداب والعلوم ، والمدير المنتدب
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مطبعة الرابطة - بغداد

١٩٥٤

