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Mammals of Indiana. Bloomington, IN: Indiana
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1207. Whitaker, John O., Jr., and Russell E. Mumford. **Mammals of Indiana**. Bloomington, Ind., Indiana University Press, 2009. 661p. illus. index. \$75.00. ISBN 13: 978-0-253-34971-2.

This is a revised and significantly enlarged update of the critically acclaimed 1982 edition (ARBA 83, entry 1365). The most noticeable revisions include a separate and expanded section on extirpated species, several taxonomic changes, and three new species accounts (two shrews and the re-introduced river otter). The book begins with an overview of Indiana's natural environment, including physiographic features, vegetation, climate, and ecological habitats. Instead of 9 natural regions in the 1st edition, the authors discuss 12, which were derived from work by Homoya in 1985 (Proceedings of the Indiana Academy of Science, 94:245-268). Included throughout the discussion on Indiana's state of the environment are detailed maps showing natural areas, major drainages, counties, glacial boundaries, physiographic regions, cave locations, and vegetation types, along with several tables listing the most frequent small mammals trapped in various habitats. Next is a section on extirpated species with a more meaningful discussion than in the earlier edition. A general overview of Indiana mammals follows, providing important biological and ecological characteristics, such as distribution, migration, reproduction, food habits, parasites, and more. The vast majority of the book (nearly 75 percent) includes detailed species accounts. Accounts are grouped by Order, and then subdivided into species and common name. Prior to the description of species there is a general overview of the Order, with illustrated dichotomous keys to help identify species by morphological and skull characteristics. In the previous edition this information was listed in a separate Taxonomy section and did not list separate keys by Order. Individual species accounts are fairly detailed and include a description of the species, status and distribution, habitat, associated species, habits, food, reproduction, parasites, primary mortality factors, and taxonomy. Photographs, tables, and maps further provide meaningful understanding of the species. Selected references are provided at the end of each species account, and have been updated since the earlier edition. In this reviewer's opinion, this is one of the better state mammals book around. The authors provide incredibly thorough and detailed descriptions for a book of this scope, and include abundant visual aids and key references. This book is a must have for any public and academic library in Indiana or the surrounding region.—**Kevin McDonough**