

BOOK REVIEW

Tiger Beetles of Manitoba: Ecology, Life History and Microsculpture. By Robert E. Wrigley, Larry de March and Erwin Huebner, 2022. Published by Robert E. Wrigley, Winnipeg, Manitoba, Canada. 106 pages. Size 8.5 × 11 inches. ISBN 978-1-7781065-0-7 Available from robertwrigley@mts.net. \$30 USD/\$37 CND (paperback) including shipping. To encourage wide circulation, the book may be downloaded at NatureNorth.com.

The authors combine their skills as researcher (Wrigley), photographer (de March) and scanning electron microscopist (Huebner) to produce an amazing volume on Manitoba Cicindelidae.

The Introduction is followed by 29 pages of individually titled topics such as Objectives, Checklist of Manitoba Tiger Beetles (19 species, 24 taxa), Methods, Tiger Beetle Researchers in Manitoba, Classification, Comparison of Manitoba's Tiger Beetle Fauna with Other Jurisdictions, Species Distributions Past and Present, Coexisting Species of Tiger Beetles, Observing Tiger Beetles, Tiger Beetles as Predators, Tiger Beetles as Prey, Activity, Life History, Conservation, and An Appreciation for Tiger Beetles. Interspersed among these accounts are habitat photos, five cartoons, adult and larval photos, a painting of the Laurentian Tiger Beetle in habitat, and a drawing of a larva in its burrow.

The Species Accounts run from pages 39 to 81 and are the “meat and potatoes” of this book. The accounts follow current taxonomy with annotations regarding subspecies questions in certain situations, thus recognizing that future research is still needed in some cases. Each account follows a basic format: Description, Similar Species, Distribution, Habitat, Activity Period, Remarks, Conservation Status, and an occasionally Bio-Fact. The accounts contain close-up photos of adult beetles interspersed with habitat photos.

Following the Species Accounts are further segments on Tiger Beetles as Models (showing entomological society logos), photos of sculpted models (including a belt-buckle), The Astonishing World of Tiger Beetle Microsculpture (with 24 amazing scanning electron microscope photos), Acknowledgements, References (5 pages), Bronzed Beetle on the Beach (poem), and two pages of Quotations on insects.

Another fine geographic treatise (illustrated with 80 images) for our personal libraries!

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