

Caterpillars Eastern North America Identification

Moths . . . has long been recognized as the most authoritative introduction to the moths of eastern North America. Intended for nonspecialists, but greatly appreciated by intermediate and advanced users, this book identifies and describes more than 1300 species in 59 families. The 1300 species, which include at least one in each of the 59 families present in the region, are those most likely to be encountered in eastern North America. Introductory chapters describe the anatomy and life cycle of moths and processes of collecting and preparing specimens. For each species, the book includes a description during the adult stage, the range as it was known in 1984, the flight season for adults, their relative abundance, and selected other information. Individual moths are portrayed from above, with wings extended, in 63 plates, many in color, while selected anatomical features, primarily wing shape and venation patterns, are illustrated in 76 black-and-white line drawings and photographs. Back and end matter includes a glossary of technical terms, generalized anatomical drawings, silhouettes of living moths at rest, and selected references and sources of additional information.

This first-of-its-kind field guide presents over 300 species of moths of the North. The innovative format, complete with neat-to-know information, makes field identification a snap, and 700-plus color photos illustrate how colorful moths can be.

This field guide to Indiana's rich butterfly fauna covers all 149 species of butterflies and their close relatives, the skippers. Belth also offers an introduction to the natural history of butterflies -- Butterfly identification is now simple for everyone! This handy field guide focuses on 133 species of Ohio butterflies, arranged by color. See a blue butterfly? Turn to the blue section. Perfect for backyard or field use, this book features full-color photos of each butterfly plus an illustration that points out key identification marks. You'll learn things you've always wondered about butterflies while easily identifying the ones that you see.

The Field Guide to Freshwater Invertebrates of North America focuses on freshwater invertebrates that can be identified using at most an inexpensive magnifying glass. This Guide will be useful for experienced nature enthusiasts, students doing aquatic field projects, and anglers looking for the best fish bait, lure, or fly. Color photographs and art, as well as the broad geographic coverage, set this guide apart. 362 color photographs and detailed descriptions aid in the identification of species. Introductory chapters instruct the reader on how to use the book, different inland water habitats and basic ecological relationships of freshwater invertebrates. Broad taxonomic coverage is more comprehensive than any guide currently available.

From the author of the acclaimed Beetles of Eastern North America, a triumphant follow-up guide to western beetles, lavishly illustrated with more than 1,500 stunning color photographs. Beetles of Western North America is a landmark book—the only comprehensive color photographic guide to the remarkably diverse and beautiful beetles of the United States and Canada west of the Continental Divide. A triumphant follow-up to Arthur Evans's highly regarded Beetles of Eastern North America, this engaging and accessible book covers 1,428 species from all 131 families that occur in the West. The book is lavishly illustrated with more than 1,500 stunning images by some of the best insect photographers in North America. An extensive introduction provides essential information on beetle anatomy, natural history, behavior, and conservation, as well as tips on where and when to find beetles; how to photograph, collect, and rear them; and how to contribute to research. Beetles of Western North America is organized by family, and each family and species account presents concise and easy-to-understand information on identification, natural history, collecting, and geographic range. The book includes current information on distribution, biology, and taxonomy not found in other guides, and features an illustrated identification key to the most common beetle families. An unmatched guide to the rich variety of western North American beetle fauna, this is a must-have book for amateur naturalists, nature photographers, insect enthusiasts, students, professional entomologists, and other biologists. The only comprehensive color photographic guide to the region's beetles. Covers 1,428 species from all 131 families west of the Continental Divide, and offers tips for identifying more than 450 additional species. Features more than 1,500 stunning color photographs. Presents concise information on identification, natural history, collecting, and geographic range for each species and family. Includes an illustrated identification key to the most common beetle families.

Encompassing nearly six hundred species of butterflies found west of the 100th meridian, this updated handbook features lifelike color plates, photographs, maps, and line drawings, as well as information on habitats, ranges, flight seasons, food plants, and special characteristics of each species. Simultaneous.

The most comprehensive full-color guide to the beetles of eastern North America. Beetles of Eastern North America is a landmark book—the most comprehensive full-color guide to the remarkably diverse and beautiful beetles of the United States and Canada east of the Mississippi River. It is the first color-illustrated guide to cover 1,406 species in all 115 families that occur in the region—and the first new in-depth guide to the region in more than forty years. Lavishly illustrated with over 1,500 stunning color images by some of the best insect photographers in North America, the book features an engaging and authoritative text by noted beetle expert Arthur Evans. Extensive introductory sections provide essential information on beetle anatomy, reproduction, development, natural history, behavior, and conservation. Also included are tips on where and when to find beetles; how to photograph, collect, and rear beetles; and how to contribute to research. Each family and species account presents concise and easy-to-understand information on identification, natural history, collecting, and geographic range. Organized by family, the book also includes an illustrated key to the most common beetle families, with 31 drawings that aid identification, and features current information on distribution, biology, and taxonomy not found in other guides. An unmatched guide to the rich variety of eastern North American beetles, this is an essential book for amateur naturalists, nature photographers, insect enthusiasts, students, and professional entomologists and other biologists. Provides the only comprehensive, authoritative, and accessible full-color treatment of the region's beetles. Covers 1,406 species in all 115 families east of the Mississippi River. Features more than 1,500 stunning color images from top photographers. Presents concise information on identification, natural history, collecting, and geographic range for each species and family. Includes an illustrated key to the most common beetle families.

The ultimate digital pocket field guide to the caterpillars of eastern North America. Based on David Wagner's renowned Princeton field guide Caterpillars of Eastern North America, this exciting new app is the ultimate digital pocket guide for quickly and easily identifying the most common native caterpillar species in Eastern North America--and for keeping a personalized log of your sightings! Covering 576 species and featuring more than 1,200 superb color images, the app is also useful for identifying caterpillars in the whole of southern Canada, parts of the Pacific Northwest, and, at a generic level, in most of the United States west of the Mississippi. Focusing on the larger, commonly encountered caterpillars that are most popular with gardeners, naturalists, and children, the app is designed to be enjoyed by nature lovers, hikers, and families, as well as by field biologists, zoologists, and other professionals. Each of the 576 species is illustrated with 1 to 4 photos, with most of the main pictures showing the full-grown caterpillar, and other photos showing color variations and, for 383 species, the adult butterfly or moth as well. An abundance of information is given for each species, including taxonomy, description, occurrence, food, and additional interesting facts. All species are listed by their scientific and common names and can easily be compared by browsing according to their taxonomic classification. A simple identification key narrows down potential species and consists of a choice of 9 major morphological traits, including 42 sub-traits, ranging from color combinations to body features, such as tails, knobs, and hair. Covers 576 caterpillar species. Features 1,216 superb color images. Offers 3 ways to sort and display species: gallery, A-Z, or taxonomic. Lists caterpillars by their common and scientific names. Allows

you to compare caterpillars next to each other--up to 8 on a phone and 16 on a tablet Enables you to log your sightings, make notes for each, and sort your list by place, date, group, and name Plots sightings automatically on a editable map via GPS Includes export function for sending each list to any email address as a CSV data file Once you download the app, no internet connection is needed--just get the app and get started! Compatible with Apple iPhones and iPads running iOS 11 or later and with Android phones and tablets running OS 6.0 or later. Visit our website for further information: <http://sunbird.tv/de/sunbird-apps-ebooks/>

With an emphasis on conservation and more than nine hundred full-color photographs, a comprehensive field guide furnishes all the information necessary for finding and identifying caterpillars, with information on key physical characteristics, habitats, and host plants and tips on butterfly gardening.

Winner of the 2017 National Outdoor Book Award, Nature Guidebook category. A full color field guide to all species of butterflies and skippers of Pennsylvania. Lavishly illustrated with over 900 color illustrations.

There are thousands of moth species in the northeast of North America, and while it might seem that they are all drab grays and browns, there is actually a startling variety. They come in a rainbow of colors, from brilliant oranges and pinks to soft greens and violets. There are moths with colorful leopard-like spots, and ones that look more like B-movie aliens; some that are as large as your hand, and others the size of a grain of rice. With helpful tips on how to attract and identify moths, range maps and season graphs showing when and where to find each species, and clear photographs that use the unique Peterson arrow system for easy identification, this guide provides everything an amateur or experienced moth-watcher needs. Sponsored by the National Wildlife Federation and the Roger Tory Peterson Institute.

Guide to 187 of the most common, large, brightly colored, or economically important loopers, spanworms, and inchworms (Geometridae) and scoopwings (Uraniidae: Epipleminae) present in woodlands and forests of the Northeastern and Appalachian regions.

More than 2600 species of tiger beetles are found all over the world. In North America there are 116 species of tiger beetle, divided into 153 geographically distinct races. Detailed studies of their natural history, population dynamics, communities, patterns of worldwide species richness, and taxonomy of particular subgroups have produced much information. Tiger beetles are among the most widely investigated groups of insects, especially in terms of their ecology and geographic distribution. The first edition of *A Field Guide to the Tiger Beetles of the United States and Canada*, published in 2005, has served as a field and natural-history guide to all known species of tiger beetles found in North America above the Mexican border. The 2nd edition is a pleasant and comprehensible handbook of the identification, distribution, natural history, and habitat details of the 116 species of tiger beetles in North America. The updated handbook provides new information including observations of seasonality, range extensions and biology, a newly developed list of common names, and twenty-five artistically pleasing identification color plates. The second edition of *A Field Guide to the Tiger Beetles of the United States and Canada* provides essential information to recognize and easily identify tiger beetles for established naturalists and outdoor enthusiasts alike.

The go-to photographic guide to Britain and Ireland's insects *Britain's Insects* is an innovative, up-to-date, carefully designed and beautifully illustrated field guide to Britain and Ireland's twenty-five insect orders, concentrating on popular groups and species that can be identified in the field. Featuring superb photographs of live insects, the guide covers the key aspects of identification and provides information on status, distribution, seasonality, habitat, food plants and behaviour. It also offers insight into the life history of the various insect groups, many of which are truly amazing. This is the go-to guide for entomologists, naturalists, gardeners, wildlife photographers and anyone else interested in insects, whatever their level of knowledge. More than 2,600 stunning photographs, carefully selected to show key identification features Photo guides to every insect order, covering 316 families and almost 850 genera Covers 1,653 species, of which 1,476 are illustrated Designed to allow easy, accurate comparison of similar species Up-to-date distribution maps and charts summarizing adult seasonality QR codes that link to sound recordings of grasshoppers and crickets Information on photographing and recording insects to help conservation

All-season field guide for identifying common trees of eastern NA This popular, field-tested guide for identifying trees in any season, not just when they are in full leaf, features 600 color photos and 200 line drawings showing bark, branching patterns, fruits, flowers, nuts, and overall appearance in addition to leaf color and shape. Accompanying text describes common locations and identifying characteristics. Covers every common tree in eastern North America, updated with the latest taxonomy and 130 range maps. Created for in-the-field or at-home use, this helpful guide includes an easy-to-use key to facilitate putting a name to a tree.

"Many caterpillars are illustrated here for the first time. Dozens of new foodplant records are presented and erroneous records are corrected. The book provides considerable information on the distribution, biology, and taxonomy of caterpillars beyond that available in other popular works on Eastern butterflies and moths. The introductory chapter covers caterpillar structure, life cycles, rearing, natural enemies, photography, and conservation. The section titled "Caterpillar Projects" will be of special interest to educators." "Given the dearth of accessible guides on the identification and natural history of caterpillars, *Caterpillars of Eastern North America* is a must for entomologists and museum curators, forest managers, conservation biologists and others who seek a compact, easy-to-use guide to the caterpillars of this vast region."--BOOK JACKET.

The ultimate bee book for bee enthusiasts and experts alike *The Bees in Your Backyard* provides an engaging introduction to the roughly 4,000 different bee species found in the United States and Canada, dispelling common myths about bees while offering essential tips for telling them apart in the field. The book features more than 900 stunning color photos of the bees living all around us—in our gardens and parks, along nature trails, and in the wild spaces between. It describes their natural history, including where they live, how they gather food, their role as pollinators, and even how to attract them to your own backyard. Ideal for amateur naturalists and experts alike, it gives detailed accounts of every bee family and genus in North America, describing key identification features, distributions, diets, nesting habits, and more. Provides the most comprehensive and accessible guide to all bees in the United States and Canada Features more than 900 full-color photos Offers helpful identification tips and pointers for studying bees Includes a full chapter on how to attract bees to your backyard

The weird and wonderful world of insects boasts some of the strangest creatures found in nature, and caterpillars are perhaps the most bizarre of all. While most of us picture caterpillars as cute fuzzballs munching on leaves, there is much more to them than we imagine. A caterpillar's survival hinges on finding enough food and defending itself from the array of natural enemies lined up to pounce and consume. And the astounding adaptations and strategies they have developed to maximize their chances of becoming a butterfly or moth are only just beginning to be understood, from the Spicebush Swallowtail caterpillar that resembles a small snake to the Eastern Carpenter Bee Hawkmoth caterpillar that attempts to dissuade potential predators by

looking like a diseased leaf. The Book of Caterpillars unveils the mysteries of six hundred species from around the world, introducing readers to the complexity and beauty of these underappreciated insects. With the advent of high-quality digital macrophotography, the world of caterpillars is finally opening up. The book presents a wealth of stunning imagery that showcases the astonishing diversity of caterpillar design, structure, coloration, and patterning. Each entry also features a two-tone engraving of the adult specimen, emphasizing the wing patterns and shades, as well as a population distribution map and table of essential information that includes their habitat, typical host plants, and conservation status. Throughout the book are fascinating facts that will enthrall expert entomologists and curious collectors alike. A visually rich and scientifically accurate guide to six hundred of the world's most peculiar caterpillars, this volume presents readers with a rare, detailed look at these intriguing forms of insect life.

Spiders are among the most diverse groups of terrestrial invertebrates, yet they are among the least studied and understood. This first comprehensive guide to all 68 spider families in North America beautifully illustrates 469 of the most commonly encountered species. Group keys enable identification by web type and other observable details, and species descriptions include identification tips, typical habitat, geographic distribution, and behavioral notes. A concise illustrated introduction to spider biology and anatomy explains spider relationships. This book is a critical resource for curious naturalists who want to understand this ubiquitous and ecologically critical component of our biosphere.

Describes and illustrates 125 caterpillar species, together with an illustration of the adult butterfly, and includes advice on finding and raising caterpillars

This is the first comprehensive firefly guide for eastern and central North America ever published. It is written for all those who want to know more about the amazing world of lightning bugs and learn the secrets hidden in the flash patterns of the 75+ species found in the eastern and central U.S. and Canada. As an independent researcher working with numerous university teams, naturalist Lynn Frierson Faust, "The Lightning Bug Lady," has spent decades tracking the behavior and researching the habitats of these fascinating creatures. Based on her twenty-five years of field work, this book is intended to increase understanding and appreciation of bioluminescent insects while igniting enthusiasm in a fun and informative way. Species accounts are coupled with historical background and literary epigraphs to engage and draw readers young and old into the world of these tiny sparklers. A chart documenting the flash patterns of the various species will aid in identification. Clear photos illustrate the insects' distinguishing physical characteristics, while habitats, seasonality, and common names are provided in clear, easy-to-understand yet scientifically accurate language. The guide will be welcomed by everyone who wants to learn more about fireflies' and glow-worms' unique traits and about their fragile niche in the ecosystem. FEATURES Over 600 color photographs Detailed accounts and anatomical diagrams of 75+ species, as well as aids in distinguishing between similar species A first-of-its-kind flash-pattern chart that folds out on heavy-weight paper • Extensive scientific details written in an understandable and engaging way Colorful, common names—Twilight Bush Baby, Shadow Ghosts, and Snappy Syncs, and more—for easy species identification based on flash patterns Tips on ideal sites and times of year for firefly watching Conservation-oriented approach

This lavishly illustrated guide will enable you to identify the caterpillars of nearly 700 butterflies and moths found east of the Mississippi. The more than 1,200 color photographs and two dozen line drawings include numerous exceptionally striking images. The giant silk moths, tiger moths, and many other species covered include forest pests, common garden guests, economically important species, and of course, the Mescal Worm and Mexican Jumping Bean caterpillars. Full-page species accounts cover almost 400 species, with up to six images per species including an image of the adult plus succinct text with information on distribution, seasonal activity, foodplants, and life history. These accounts are generously complemented with additional images of earlier instars, closely related species, noteworthy behaviors, and other intriguing aspects of caterpillar biology. Many caterpillars are illustrated here for the first time. Dozens of new foodplant records are presented and erroneous records are corrected. The book provides considerable information on the distribution, biology, and taxonomy of caterpillars beyond that available in other popular works on Eastern butterflies and moths. The introductory chapter covers caterpillar structure, life cycles, rearing, natural enemies, photography, and conservation. The section titled "Caterpillar Projects" will be of special interest to educators. Given the dearth of accessible guides on the identification and natural history of caterpillars, Caterpillars of Eastern North America is a must for entomologists and museum curators, forest managers, conservation biologists and others who seek a compact, easy-to-use guide to the caterpillars of this vast region. A compact guide to nearly 700 caterpillars east of the Mississippi, from forest pests to garden guests and economically important species 1,200 color photos and 24 line drawings enable easy identification Full-page species accounts with image of adult insect for almost 400 species, plus succinct text on distribution and other vital information Many caterpillars illustrated here for the first time Current information on distribution, biology, and taxonomy not found in other popular works A section geared toward educators, "Caterpillar Projects" An indispensable resource for all who seek an easy-to-use guide to the caterpillars of this vast region

"If you are the kind of person who wants to know more about that moth fluttering at the porch light, that shiny beetle inching through the grass, or that patient spider spinning her web in the corner of your garden, this is the book for you. In this colorful beginner's guide, you'll meet the top 150 species of arthropods -- insects, spiders, and kin -- that you are most likely to encounter in everyday life."--Back cover. This lavishly illustrated field guide features more than 800 species of the most common, interesting, beautiful, and important owl (noctuid) caterpillars found in eastern North America. More than 2,100 color photographs include numerous stunning images, and the guide's introductory sections offer a wealth of information on noctuid natural history, morphology, larval diets, natural enemies, and classification; suggestions for finding and rearing owl caterpillars; and much more. The 375 full-page species accounts treat similar species, range, phenology, and larval foodplants. A remarks section addresses behavior, life history, taxonomy, and a variety of other general interest topics. For full species accounts, two adult images are provided, one of a spread museum specimen and the other of a live adult: this is the first guide to comprehensively provide images of live adult moths in representative resting postures. An extensive glossary and foodplant index are also included. More than 800 species of eastern owlets More than 2,100 color photographs illustrating many species for the first time First North American insect guide to offer hundreds of images of live moths in their natural resting postures Extensive information on owl biology, natural enemies, classification, and finding and rearing owl caterpillars Includes foodplant records for each species and foodplant index

Excerpt from Caterpillars of Eastern Forests For better and for worse, caterpillars are integral to the health of our forests. Populations of more than 20 species of eastern forest Lepidoptera may reach densities that result in the defoliation of hundreds or thousands of acres. Tannins, alkaloids, mineral spirits, latexes, spices, and many pharmaceuticals are manufactured by plants, at least in part, to deter hungry caterpillars. Caterpillars are the dietary staple of many forest mammals and birds, and without them there would be fewer songbirds to welcome each spring. Some caterpillars ingest fallen leaves, thereby hastening decomposition and soil formation. Despite these and many other roles that caterpillars play in forest ecosystems, there is but modest literature for their identification. Moreover, much of what is written is technical in nature, out of print, or focused on a single family. Our intent in preparing this guide is to enable forest managers, extension entomologists, and nonspecialists to identify many of the eastern region's most frequently encountered species. It is also our wish that this guide will promote a greater appreciation for the remarkable caterpillar biodiversity of eastern forest and woodland ecosystems. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at www.forgottenbooks.com This book is a reproduction of an important historical

work. Forgotten Books uses state-of-the-art technology to digitally reconstruct the work, preserving the original format whilst repairing imperfections present in the aged copy. In rare cases, an imperfection in the original, such as a blemish or missing page, may be replicated in our edition. We do, however, repair the vast majority of imperfections successfully; any imperfections that remain are intentionally left to preserve the state of such historical works.

Highly informative and featuring an extensive array of photos, this field guide offers a comprehensive display of all the magnificent butterflies of the western region, stretching from the plains of middle America to the Pacific coast and from southwestern Canada all the way to the Hawaiian islands. 1,052 photos.

This illustrated field guide describes the biological and ecological world of butterflies

Discusses caterpillars, including their life cycles, tips on how to raise them, and identification information on different kinds of caterpillars.

Highlighted by more than two thousand digitally enhanced color photographs, a comprehensive guide to the insects of North America contains information--including life histories, behaviors, and habitats--on every major group of insects found north of Mexico.

A thoroughly revised edition of the most comprehensive and authoritative photographic field guide to North American butterflies This is a revised second edition of the most detailed, comprehensive, and user-friendly photographic field guide to the butterflies of North America. Written by Jeffrey Glassberg, the pioneering authority on the field identification of butterflies, the guide covers all known species, beautifully illustrating them with 3,500 large, gorgeous color photographs—the very best images available. This second edition includes more than 500 new photos and updated text, maps, and species names. For most species, there are photographs of topsides and undersides, males and females, and variants. All text is embedded in the photographs, allowing swift access in the field, and arrows point to field marks, showing you exactly what to look for. Detailed, same-page range maps include information about the number of broods in each area and where strays have been recorded. Color text boxes highlight information about habitat, caterpillar food plants, abundance and flight period, and other interesting facts. Also included are a quick visual index and a caterpillar food plant index. The result is an ideal field guide that will enable you to identify almost every butterfly you see. A revised second edition of the most comprehensive photographic field guide to North American butterflies, featuring more than 500 new photos and updated text, maps, and species names Written by the pioneering authority on the field identification of butterflies Beautifully illustrated with 3,500 color photographs that show all known species, including views of topsides and undersides, males and females, and variants for most species Authoritative text embedded in the photographs for swift access Detailed range maps Color text boxes that highlight information about habitat, food plants, abundance and flight period, and other interesting facts An invaluable tool for field identification

The most user-friendly butterfly guide ever published, still handy and compact, now updated with the very latest information - Follows the latest classification, recognizing more than forty additional species - Includes four new color plates of Mexican-border rarities - More than 2,300 images of butterflies in natural poses - Pictorial table of contents - Convenient one-page index - Range maps on text pages

Southeastern North America is home to an incredible variety of moths, from drab browns to bright yellows and pinks, the small and simple to the flashy or bizarrely shaped. Just a few are common house and garden pests; thousands more harmless species live hidden in woods and meadows. This comprehensive guide of more than 1,800 common species is the best tool for identifying and appreciating these ubiquitous insects. With helpful tips and techniques for observing moths, range maps and graphs showing when and where to see them, and keys to identifying even the tough species, the Peterson Field Guide to Moths of Southeastern North America provides everything an amateur or experienced moth-watcher needs.

"Two of North America's most prolific and respected specialists on moths--particularly those of the West--have combined over a century of experience and scholarship to introduce western moths of all families authoritatively to both the amateur and the experienced professional entomologist. This biologically oriented and beautifully illustrated treatment of a quarter of all known western moth species fills a long-needed void, and does it superbly."--Charles V. Covell Jr., author of A Field Guide to Moths of Eastern North America "This work sets a new high water mark for North American lepidopterology.

Considering the authors' century of combined studies of western Lepidoptera, it is clear from the outset that no other team could have delivered a work so rich in taxonomic and life history information, much of it being original and appearing in the literature for the first time. I will read my copy more like a novel than a reference work, casting about the accounts and repeatedly flipping through the 2300 color images to better familiarize myself with our continent's rich and handsome diversity of moths. Moths of Western North America will serve as both gateway and catalyst for the study of moths for decades, and especially for microlepidopterans--for whom no like work exists in the New World."--David L. Wagner, author of Caterpillars of Eastern North America "Recent years have seen a surge of interest in moths, with growing appreciation of their amazing diversity and their great ecological importance. Information on western moths has been scattered and scarce, however, so this new volume is a tremendous step forward. Jerry Powell and Paul Opler bring a vast amount of knowledge and experience to the subject, and their Moths of Western North America is a landmark publication, instantly indispensable to anyone with a serious interest in Lepidoptera."--Kenn Kaufman, coauthor of Kaufman Field Guide to Butterflies of North America

"Bees play an essential role in the pollination of native plants and agricultural crops across the globe. In North America alone there are more than 4,000 bee species. In spite of their abundance and diversity there is no accessible field guide for the non-expert. This book will remedy that situation by providing a carefully crafted introduction to bee identification for eastern North America. No portable field guide could include coverage of the myriad species in the region, so the book concentrates on identifying bees at the genus level. It includes information on the 72 different genera that are found east of the Rockies. The introduction includes coverage of bee biology and anatomy, as well as a section on how to use the guide. For each genus, the book provides habitus (side) and dorsal (top) views, close-up photos of important features, field pictures, maps, descriptions of life history traits, and a description of the genus as a whole. The habitus and dorsal views are uniquely detailed, as they use a photography technique developed by researchers at the USGS Bee Inventory and Monitoring Lab. While the guide is primarily designed to allow the user to identify at the genus level, the authors provide features on six of the most common and easily identifiable species for each genus. While many field guides are ordered taxonomically, this book is organized by morphology to better aid the non-expert in making a correct identification"--

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