

## Useful Entomology/IPM Information Sources:

\* If I could only have 3

Pocket Insect Field Guides such as the \*Peterson, Kaufman, Audubon...etc. Many are have obsolete taxonomy but still contain good information. The Peterson book is my favorite.

*Field Guide to Colorado Insects*. Cranshaw & Kondratieff. ISBN-10: 1565795210, a regional field guide.

## General Insect Identification References:

\**Bugs Rule!: An Introduction to the World of Insects* by Whitney Cranshaw, & Richard Redak ISBN-10: 0691124957 A relatively inexpensive but comprehensive reference with up to date taxonomy.

(Despite the titles, these two books cover many insects that you will find outside of gardens.)

\**Garden Insects of North America 2<sup>nd</sup> Ed.* – The ultimate guide to backyard bugs. It contains 3,300 photos. Whitney Cranshaw and David Shetlar. ISBN 0691095612 If you get the book, send me an email for an electronic copy of an plant-insect guide appendix [sschell@uwyo.edu](mailto:sschell@uwyo.edu)

*Garden Insects of North America* – 2004 Whitney Cranshaw. ISBN 0-691-09561-2. Princeton University Press. Still a great book that can be purchased inexpensively, used. It has the plant-insect guide in it.

## Tree & Shrub Insects Guides:

*Field guide to Diseases & Insects of the Rocky Mountain Region*

<https://www.fs.usda.gov/treearch-beta/pubs/37290> The complete publication is available as a PDF file. This field guide is a forest management tool for field identification of biotic and abiotic agents that damage native trees in Colorado, Kansas, Nebraska, South Dakota, and Wyoming, which constitute the USDA Forest Service's Rocky Mountain Region.

*Insects and Diseases of Woody Plants in Colorado*, Completely revised edition it contains over 1750 color images. by W. Cranshaw, Colorado State University Extension; D. Leatherman, B. Jacobi, and N.Tisserat, Colorado State University Bulletin no. 506A, 2014, ISBN: 978-1-889143-25-5 available from CSU for \$35

“Illustrated guide to plant abnormalities caused by eriophyid mites in North America.” Washington, D.C. : U.S. Dept. of Agriculture, Agricultural Research Service, 1982 (OCOLC)784289382 <https://naldc.nal.usda.gov/download/CAT87208955/PDF>

## Detailed specialty guides:

*Wyoming's Stream Macroinvertebrates*, Tronstad & Barber. A neat streamside guide. <https://wgfd.wyo.gov/store/Store/Publications/Wyoming-s-Stream-Macroinvertebrates>

*Native Bees of Wyoming*. Tronstad & Dillon. A valuable book for people who love flowers and bees. <https://wyobiodiversity.net/products/native-bees-of-wyoming-field-guide>

*Field Guide to Grasshoppers, Katydid, and Crickets of the United States.* Capinera, J. ISBN-10 : 0801489482 Beautifully illustrated and comprehensive.

*Common Spiders of North America.* Bradley & Buchanan, ISBN-10 : 0520315316 Beautifully illustrated.

*Golden Guide Spiders and their Kin.* Levi & Levi. This little book is classic but contains some information about hobo spiders that has been debunked since its update.

*Butterflies through Binoculars: The West A Field Guide to the Butterflies of Western North America.* by Jeffrey Glassberg ISBN-10: 0195106695 Absolutely amazing photography! You have to see it to believe it.

*Caterpillars in the Field and Garden.* Allen, T. J. et al. ISBN-10: 0195149874 Another book with amazing photography!

*Dragonflies and Damselflies of the West.* Paulson. ISBN-10: 0691122814

*Moths of Western North America* First Edition. Powell & Opler. ISBN-10: 9780520251977

*Field Guide to the Beetles of North America.* Richard White. ISBN-10: 0395910897 A classic reference about the largest insect Order.

### **Online Guides:**

Discover Life IDnature Guide Index; <https://www.discoverlife.org/mp/20q> Many interactive identification keys of creatures and plants are available here.

BugGuide.com <https://bugguide.net/node/view/3/bgpape> An amazing resource to confirm identifications or submit photos for ID, if you register.

*Field Guide to Common Western Grasshoppers.* Robert E. Pfadt <http://www.uwyo.edu/entomology/grasshoppers/field-guide/> The magnum opus of a gentlemen and scholar who studied grasshoppers for 50 years at U.W.

Odonata Central <https://www.odonatacentral.org/#/> Very useful and detailed information

B.A.M.O.N.A. website [https://www.butterfliesandmoths.org/species\\_search](https://www.butterfliesandmoths.org/species_search) An excellent website devoted to Lepidoptera.

Or contact me Scott Schell, UW Extension Entomologist at: [insectid@uwyo.edu](mailto:insectid@uwyo.edu) for questions on insect identification. Instruction for submitting specimens can be found at: <http://www.uwyo.edu/entomology/insect-identification/specimen-identification.html>

