

Insects

Literacy for Anywhere - Level 1



Open
Equal
Free

Print Me!

Copy Me!

Share Me!

Insects

Literacy for Anywhere

Leveled Readers for the Developing World and Beyond!

How to Use Literacy for Anywhere

This is a *Literacy for Anywhere* level 1 book. This text is designed for students in year one or grade one in school. Ideally, first grade students will be reading level one texts independently by the end of the year, second grade students will be reading level two texts, and so on. Of course, we realize that every student, classroom, and school is different, so the book level may not always correspond to the class or grade level.

If your school or library uses another system for leveling books, you can use the chart below to add *Literacy for Anywhere* books into the collection.

Levels are based on the following study: *Supplemental Information for Appendix A of the Common Core State Standards for English Language Arts and Literacy: New Research on Text Complexity*.

Literacy for Anywhere	U.S. Common Core Band	The Lexile Framework®	Flesch-Kincaid
Starter	Very basic books for those just starting!		
1	<2nd	<420	<1.98
2	2nd - 3rd	420 - 620	1.98 - 3.5
3	2nd - 3rd	620 - 820	3 - 5.3
4	4th - 5th	740 - 880	4.5 - 6.1
5	4th - 5th	850 - 1010	5.5 - 7.7

First Edition (CC-BY-SA) 2014 Open Equal Free Inc.

Portions of this work have been adapted or used directly from sources in the Creative Commons. See the *Attributions* section at the back of the book for a complete list of sources, authors, artists, and licenses.

Unless otherwise noted, this work is published under a Creative Commons Attribution-ShareAlike License. See end credits for any variation in licensing before adapting or using commercially. For more information on use permissions:

www.creativecommons.org/licenses/by-sa/3.0/

Additional *Literacy for Anywhere* titles as well as books for teachers, administrators, NGOs, and more at:

www.TheAnywhereLibrary.com

Insects are all over.

Insects

Level 1





Insects even live on water.



Insects live in trees. Insects live in dirt. Insects can live in your house!



The body of an insect has three main parts: a head, a thorax, and an abdomen. Can you see the parts on this wasp?



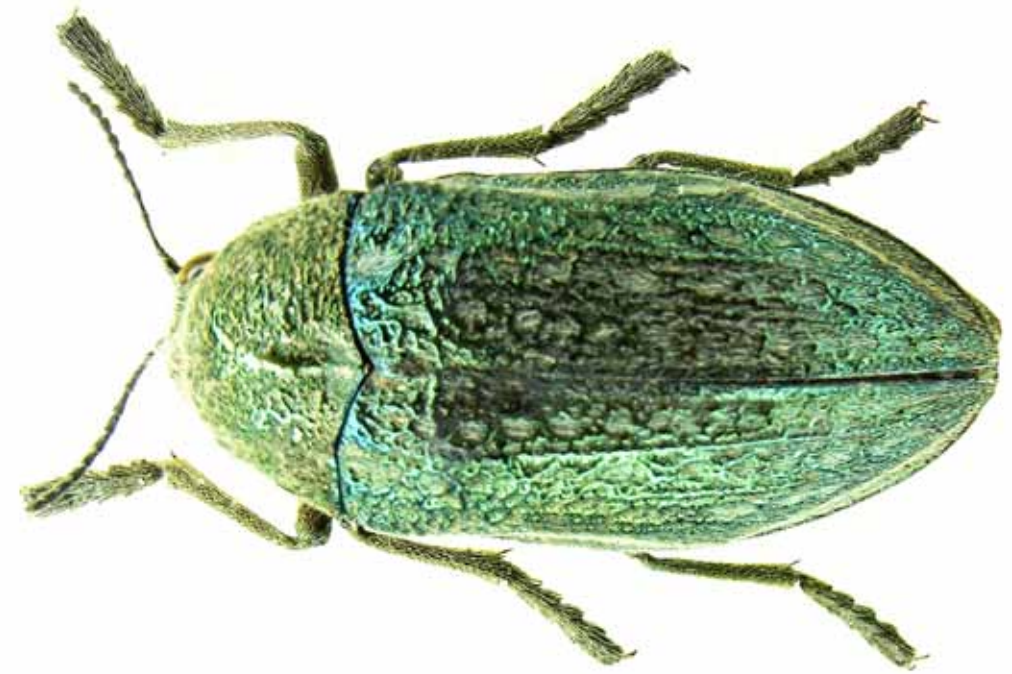
There are more than 2 million types of insects. They all have some things in common.

On the head are the eyes and mouth. Insects also have antennae. Antennae help them feel.



The thorax is in the middle. It is where the wings and legs are. All insects have six legs. Most insects have four wings.

The abdomen is at the back. It holds the stomach and the heart.



Sometimes the three main parts are hard to see. Can you guess where they are on this insect?

Some insects are small. This is a bed bug.



Some insects are big. This insect is as big as a hand!

Some insects are helpful. Bees spread pollen. Pollen helps make new plants.



Some insects are cute.

Some insects are scary. This is a water bug. It has a strong bite!



Some insects are pretty. This is a shiny insect.

Some insects are smelly. This is a stinkbug.



Many insects are hard to see. This stick insect looks like a stick.

A leaf insect looks like a leaf.



This insect looks like part of a flower.

This insect looks like sand.



Hiding helps them survive. Many animals like to eat insects.

Insects can eat each other.



Even some plants eat insects.

People eat insects too! Insects have a lot to hide from.



Insects are all over. There are many kinds of insects. They feed animals and help make new plants. Some can hurt us, but many help us.

Insects

Review Questions!



1. How many legs do insects have?
2. What are the three main parts of an insect?
3. What part are the legs attached to?
4. Why do insects need to hide?
5. How do insects help us?

Insects

Explore!



Become an insect hunter! Try to find five insects. Don't touch them! Count their legs. If there are more than six, keep looking! How do the insects look the same? How do they look different?

Attributions

Contributing Authors, Organizations, and Photographers

Words & Layout

Author: Michael A. Jones

Editing and Layout: Michael A. Jones

Co-editor: Stéphane De Greef

Photography

Cover: "Leafcutter ants" by Geoff Gallice (Wikimedia | BY), 1. Public Domain, 2. "Army ants" by Geoff Gallice (Wikimedia | BY), 3. "Water strider in a pond" by Schnobby (Wikimedia | BY-SA), 4. "Gottesanbeterin Abwehr" by CaPro (Wikimedia | BY-SA), 5. Polistes major (Paper Wasp) by Bob Peterson (Flickr | BY-SA) 6. "Cephalota circumdata circumdata front" by Siga (Wikimedia | BY-SA), 7. "Bee-apis" by Maciej A. Czyzewski (Wikimedia | BY-SA), 8. Public Domain, 9. Public Domain, 10. Public Domain, 11. "Lord Howe Island stick insect Dryococelus australis 10June2011 PalmNursery" by Granitethighs (Wikimedia | BY-SA), 12. "Honey bee (Apis mellifera)" by Charlesjsharp (Wikimedia (By-SA), 13. "Timalia – dragonfly (by)" by timalia from munich, germany (Wikimedia | BY), 14. "Giant water bug Lethocerus deyrollei" (Vuillefroy, 1864) (opencage.info | BY-SA), 15. "Metallic shield bug444" by Benjamint444 (Wikimdia | BY-SA), 16. "Brown marmorated stink bug" by Lildobe (Wikimedia | BY-SA), 17. "Ctenomorpha chronus02" by Fir0002 (Wikimedia | BY-SA), 18. "LeafInsect" by Sandilya Theuerkauf (Wikimedia | BY-SA), 19. "Mantis Hymenopus coronatus 2 Luc Viatour" by Luc Viatour (Wikimedia | BY-SA), 20. Public Domain, 21. "Lizard eating cricket" by Peter & Michelle S. (Flickr | BY), 22. "Pegesimallus sp robberfly" by Muhammad Mahdi Karim (Wikimedia | GNU Free Documentation License 1.2), 23. "Drosera capensis bend" by [object Object]. (Wikimedia | BY-SA), 24. "Chapulines" by Meutia Chaerani / Indradi Soemardjan (Wikimedia | BY), 25. "Hawthorn shield bug (Acanthosoma haemorrhoidale)" by Charlesjsharp (Wikimedia - BY-SA)

For Anywhere

Any derivations of this work not approved by Open Equal Free must likewise change the title and layout of the work and not appear to be part of Open Equal Free's *For Anywhere* series. Making a new or altered book (other than simple translation) appear to be part of the *For Anywhere* series is considered by Open Equal Free to imply endorsement and must have written permission.

Special Thanks!

We would like to extend a special thank you
to the following contributors:

Megan Smith

Elissa Alvey

Dane Stogner

*We would also like to thank Leigh Morlock for her contributions
as a design and marketing consultant on this project.*

Open Equal Free

See our family of free resources and programs at:

OpenEqualFree.org