Christian Liberty Nature Reader



Christian Liberty Press

Copyright © 2019, 1996 Christian Liberty Press *Third Edition*, copyright © 2019

All rights reserved. No part of this answer key may be reproduced or transmitted in any form or by any means, electronic or mechanical, without written permission from the publisher. Brief quotations embodied in critical articles or reviews are permitted.



Written by: Edward J. Shewan Copyediting: Diane Olson Cover design: Bob Fine

Cover and text images: Jenny Mathews, copyright © 2019

ISBN 978-1-629821-35-1 (Print) 978-1-629821-36-8 (eBook PDF)

Printed in the United States of America

Contents

Introduction	vii
Unit 1: Wasps	1
A Little Mother	1
The Little Children	1
The Paper Wasp	1
A Social Colony	1
The Wasp Babies Grow Up	1
The Digger Wasp	2
The Ichneumon Wasp	2
The Oak Gall	2
The Gall Wasp Hatches	2
Unit 2: Other Insects	2
The Ant	2
The Life of an Ant	3
Honey Ants	3
More About Honey Ants	3
The Parasol Ant	3
Honeybees	3
The Beehive	4
A Leaf-Cutter Bee	4
The Cuckoo Bee	4
A Carpenter Bee	4
A Butterfly	4
Tiny White Butterflies	5
Unit 3: More About Insects	5
A Ladybug	5
The Ladybug's Children	5
A Mosquito	5
The Mosquitoes Grow Up	5
The Grasshopper	6
The Housefly	6
The Caddisworm	6

	The Cicada6	
	Not a Locust6	
Unit 4:	: Remarkable Insects	7
	The Best Jumper7	
	The Mayfly7	
	Tumblebugs7	
	The Walkingstick7	
	A Little Gymnast7	
	A Living Light7	
	The Dragonfly8	
	A Careful Mother8	
Unit 5:	: Learning About Moths	8
	The Moth8	
	A Hawkmoth8	
	A Bag Maker8	
Unit 6:	: Arachnida	9
	Spiders9	
	The Spider Meets a Man9	
	Mrs. Spider and Mrs. Wasp9	
	A Spider in a Flower9	
	A Spider Flies Away9	
	A Mother Spider10	
	A Spider Builds a Bridge10	
	A Spider Under the Water10	
	A Spider Under the Ground10	
Unit 7:	: Prairie and Forest Life	10
	The Prairie10	
	Prairie Hunters11	
	A Coyote Trick11	
	A Little Actor11	
	A Beaver and a Squirrel11	
	A Beaver Dam11	
	Evening Charus 11	

Contents

 Unit 8: Learning About Birds
 12

 The Eagle
 12

 The Kingbird
 12

 The Robin
 12

 A Hummingbird
 12

 Unit 9: Our Great Creator
 12

 God's Tiny Creatures
 12

Our Creator and Savior......13

Introduction

The *Christian Liberty Nature Reader* series is an engaging set of readers that will spark your child's interest in God's world. This series can also be used for teaching science in the lower grades. To help instructors grade their students' daily work, answers have been provided to the Review questions found at the end of each story in the book. These questions are essentially objective in nature and are based on the information in the respective stories.

Students should be expected to provide the same information, though not necessarily the same wording, when answering these questions. The Review questions can also be used to foster discussions or group learning experiences.

May God grant you wisdom as you seek to introduce the wonder and order of His creation to your students. Learn to look for the amazing things around you, and thank God for all you have.

The Staff of Christian Liberty Press Arlington Heights, Illinois

Text Key

Unit 1: Wasps

A Little Mother (page 3)

- 1. Mother mud wasp builds her nest with mud.
- 2. Baby wasps like to eat spiders.
- 3. Mother wasp flies away and never comes back.

The Little Children (page 5)

- 1. A baby wasp is called a grub (or larva) after it hatches from its egg.
- 2. After a while, the white larva, or grub, goes to sleep in a little case.
- 3. After the adult wasp bites a hole in its mud house, it flies away.

The Paper Wasp (page 7)

- 1. The paper wasp builds its house with paper.
- 2. Building a house under a bridge protects a paper wasp's home from wind and rain.
- 3. The paper wasp places an egg in each room, or cell, in its nest.

A Social Colony (page 9)

- 1. A paper wasp is a social insect.
- 2. A colony is a group of insects that live together.
- 3. When paper wasp grubs hatch, they eat spiders and insects.

The Wasp Babies Grow Up (page 11)

- 1. Paper wasps grow up and form a colony.
- 2. Paper wasps will fight to protect their nest.
- 3. When the weather turns cold, some wasps will find a crack or hole to hide.

The Digger Wasp (page 13)

- 1. After a digger wasp digs a tunnel for her nest, she lays an egg.
- After a baby digger wasp hatches, it eats the <u>caterpillar</u> (or <u>food</u>) its mother left for it.
- 3. The digger wasp is a solitary insect.

The Ichneumon Wasp (page 15)

- 1. The ichneumon wasp's name means "tracker."
- 2. The ichneumon wasp lays her eggs in or on the <u>larvae</u> of other insects.
- 3. The baby ichneumon saves many of our plants and <u>trees</u> from damage.

The Oak Gall (page 17)

- 1. The baby gall wasp's little, round house is called a gall.
- 2. A mother gall wasp drills a hole in a branch of an oak tree and places an egg in the hole.
- 3. The chemical in the oak gall was used many years ago to make <u>ink</u> (or <u>oak gall ink</u>).

The Gall Wasp Hatches (page 19)

- 1. The larva of a gall wasp eats his house (or the gall).
- 2. After the baby gall wasp has eaten enough, he goes to sleep.
- 3. The adult gall wasp cuts through the wall of his house and <u>flies</u> away.

Unit 2: Other Insects

The Ant (page 22)

- 1. Ants belong to the Insecta family.
- 2. An ant's body is divided into three segments.
- 3. An ant tells other ants where to find food by laying down a trail of <u>scent</u>.