

[Intentionally Left Blank]



Red Imported Fire Ants Attacking Everytying



by Meish Goldish

Consultant: Brian L. Fisher Department of Entomology California Academy of Sciences, San Francisco



New York, New York

Credits

Cover and Title Page, © Elliotte Rusty Harold/Shutterstock and © romakoma/Shutterstock; 4T, © Matt Jeppson/ Shutterstock; 4B, Photo courtesy of Veronica Volny, University of California, Berkeley, California, United States/ tinyurl.com/ouf3ax4/CC-BY-2.5; 5, Hugo A. Quintero G./tinyurl.com/oebuhmw/CC-BY-2.0; 7L, Jen Fogarty/© AntWeb.org/CC-BY-SA-3.0; 7R, April Noble/© AntWeb.org/CC-BY-SA-3.0; 8, Peggy Greb/Courtesy of USDA; 9, © Alex Wild; 11, © Clay Coleman; 12, © Alex Wild; 13, © Alex Wild; 14, Daniel Wojcik/Courtesy of USDA; 15, © Alan Bailey/Shutterstock; 16, © TFoxFoto/Shutterstock; 17, © Patrick Lynch/Alamy; 18, © scattdude/iStockphoto; 19, © Sutisa Kangvansap/Dreamstime; 20T, © Maksim Toome/Shutterstock; 20B, © Jonathan Meeker; 21, © Bill McCullough; 22, Scott Bauer/Courtesy of USDA; 23T, © Jack Dermid/Science Source/Getty Images; 23B, © Pgiam/iStockphoto; 24, Sanford Porter/Courtesy of USDA; 25, Sanford Porter/Courtesy of USDA; 26, © Michael Durham/naturepl.com; 27, Rob Flynn/Courtesy of USDA; 28T, © iStockphoto/jamesbenet; 28B, © Foxyjoshi/ Dreamstime; 29T, USFWS/James Applebee/CC-BY-2.0; 29B, Bentleypkt/tinyurl.com/ny2ucd5/CC-BY-SA-4.0.

Publisher: Kenn Goin Editor: Jessica Rudolph Creative Director: Spencer Brinker Design: The Design Lab Photo Researcher: Jennifer Zeiger

Library of Congress Cataloging-in-Publication Data

Goldish, Meish, author.
Red imported fire ants : attacking everything / by Meish Goldish. pages cm. — (They don't belong : tracking invasive species) Audience: Ages 7–12.
Includes bibliographical references and index.
ISBN 978-1-62724-831-0 (library binding) — ISBN 1-62724-831-5 (library binding)
1. Fire ants—Juvenile literature. 2. Insects—Juvenile literature. I. Title.
QL568.F7G48 2016
595.79'6—dc23

2015008814

Copyright © 2016 Bearport Publishing Company, Inc. All rights reserved. No part of this publication may be reproduced in whole or in part, stored in any retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without written permission from the publisher.

For more information, write to Bearport Publishing Company, Inc., 45 West 21st Street, Suite 3B, New York, New York 10010. Printed in the United States of America.

10987654321



A Texas Mystery	4
Invading America	6
Ant Colonies	8
Spreading Out	
Fiery Stings	
Dangerous Venom	14
Attacking Animals	16
Plant Killers	
Electrical Attacks	20
Trying to Fight Back	
Ants Versus Flies	24
Looking for Answers	
Other Invasive Insects	
Glossary	
Bibliography	
Read More	
Learn More Online	
Index	
About the Author	

A Texas Mystery

Small creatures called horned lizards once lived throughout Texas. They roamed the state searching for their favorite food, an **insect** called the harvester ant. Then, in the 1970s, something odd happened. Horned lizards began to disappear from Texas. Scientists were puzzled. What could have caused this?



Horned lizards need to eat lots of harvester ants (right) to survive.



Eventually, scientists discovered the problem—an **invasive species** called red **imported** fire ants. These insects gobbled up the seeds that harvester ants usually eat. With little food, harvester ants began to vanish. Horned lizards were then left without their main source of food.

In addition, groups of the fierce fire ants sometimes attacked and ate baby horned lizards. As a result, the number of lizards in Texas dropped sharply. Unfortunately, the tiny insects were also causing destruction in many other states.

KILL NUN/

A red imported fire ant

Red imported fire ants may be reddish brown or black. They are very small—only about ¹/₈ inch (3.2 mm) long. That's about half the length of a pencil eraser.

Invading America

Red imported fire ants arrived in the United States by accident. How? In the 1930s, ships carrying goods sailed from South America to Mobile, Alabama. Ship workers in South America had loaded soil into the bottoms of the boats to keep them balanced at sea. However, they didn't know that red fire ants were living in the soil.

How Red Imported Fire Ants Reached the United States



Red imported fire ants originally came from Argentina and Brazil, in South America. During the trip to the United States, the small ants spread all over the boats. When the ships reached Alabama, it didn't take long for the insects to crawl onto the shore. Then they began to build homes.

There are several kinds of fire ants that are **native** to the United States. The word *imported* was added to the name of the fire ants that came from South America.

Red imported fire ant



Red imported fire ants look similar to fire ants that are native to the United States, such as the Southern fire ant.



Africanized honeybees 28 Alabama 6–7, 10 Argentine ants 28 Asian longhorned beetles 29 attacks on animals 5, 16–17, 28–29 attacks on electrical equipment 20–21 attacks on people 12–13, 14–15, 28 attacks on plants 18–19, 29 bites 12–13, 16–17, 21, 28 colony 8–9, 17, 20, 28 floating on water 11 Gilbert, Dr. Lawrence 24–25 harvester ants 4–5 horned lizards 4–5

mirex 22–23 native fire ants 7, 13, 23 phorid flies 24–25, 26 queen ants 9, 11 South America 6–7 spreading to other areas 6–7, 8–9, 10–11 stings 12–13, 14–15, 16–17, 21, 28–29 tawny crazy ants 29 Texas 4–5, 10, 15, 21, 24 venom 13, 14, 17 Wingard, Ryan 15 worker ants 8–9

About the Author

Meish Goldish has written more than 200 books for children. His book *Surf Dog Miracles* was a Children's Choices Selection in 2014. He lives in Brooklyn, New York. [Intentionally Left Blank]



Red Imported Fire Ants Attacking Everything

Red imported fire ants are on the attack in the United States. The tiny insects came to Alabama in the 1930s when they hitched a ride on ships sailing from South America. After the ants arrived in their new home, they began building huge colonies. The fierce little creatures soon spread throughout the South, biting and stinging any person, animal, or thing in their path—and even destroying electrical equipment! Look inside to learn all about these destructive animal invaders.

Australia's Cane Toads Overrun! Feral Pigs Chomp, Chomp! Florida's Burmese Pythons Squeezing the Everglades

Guam's Brown Tree Snakes Hanging Out

Red Imported Fire Ants Attacking Everything



