

# BUTTERFLY



**Garden  
Minibeasts**  UP  
CLOSE

John Woodward



# BUTTERFLY



**Garden**  
**Minibeasts** **UP**  
**CLOSE**

John Woodward

 **CHELSEA**  
**CLUBHOUSE**  
An Imprint of Chelsea House Publishers

## Butterfly

© 2010 by Infobase Publishing

All rights reserved. No part of this book may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying, recording, or by any information storage or retrieval systems, without permission in writing from the publisher. For information contact:

Chelsea Clubhouse  
An imprint of Chelsea House  
132 West 31st Street  
New York, NY 10001

### Library of Congress Cataloging-in-Publication Data

Woodward, John, 1954-

Butterfly / John Woodward.

p. cm. -- (Garden minibeasts up close)

Includes bibliographical references and index.

ISBN 978-1-60413-899-3 (hardcover)

ISBN 978-1-4381-3443-7 (e-book)

1. Butterflies--Juvenile literature. I. Title. II. Series: Woodward, John, 1954- Garden minibeasts up close.

QL544.2.W66 2010

595.78'9--dc22

2010008890

Chelsea Clubhouse books are available at special discounts when purchased in bulk quantities for businesses, associations, institutions, or sales promotions. Please call our Special Sales Department in New York at (212) 967-8800 or (800) 322-8755.

You can find Chelsea Clubhouse on the World Wide Web at <http://www.chelseahouse.com>

Produced for Chelsea House by Discovery Books

Managing Editor: Laura Durman

Project Editor: Colleen Ruck

Designer: Blink Media

Illustrator: Stuart Lafford

Photo acknowledgments: FLPA: pp 16 (Michael and Patricia Fogden/Minden Pictures), 19 (ImageBroker), 25 top (Konrad Wothe/Minden Pictures); Getty Images: p 15 (Darlyne A. Murawski); iStockphoto.com: pp 22 (Johnw182), 27 (Buretsu), 28 (SKLA); Photoshot: p 17 (George Bernard); Shutterstock Images: pp 4 (Colette3), 5 (Morchella), 7 (ajt), 8 (D & K Kucharscy), 9 (Marek Mierzejewski), 10 (Marek Mierzejewski), 11 (Sergey Toronto), 12 (Sascha Burkard), 13 (Bruce Raynor), 14 (orionmystery@flickr), 18 (Cathy Keifer), 20 (Cathy Keifer), 21 (Goran Kapor), 23 (Knorre), 24 (Macro Lens), 25 bottom (Bill Perry), 26 (Michael Steden), 29 (Beata Becla)

Cover printed by Bang Printing, Brainerd, MN

Book printed and bound by Bang Printing, Brainerd, MN

Date printed April 2010

Printed in the United States of America

10 9 8 7 6 5 4 3 2 1

This book is printed on acid-free paper.

All links and Web addresses were checked and verified to be correct at the time of publication. Because of the dynamic nature of the Web, some addresses and links may have changed since publication and may no longer be valid.

# Contents

	Finding butterflies	4
	A butterfly's body	6
	Wings and colors	8
	Senses	10
	Feeding	12
	Females and males	14
	Laying eggs	16
	Hungry caterpillars	18
	Metamorphosis	20
	Enemies	22
	Defenses	24
	Migration	26
	Butterflies and people	28
	Glossary	30
	Further resources	31
	Index	32

# Finding butterflies

Butterflies love to be out in the sunshine, just like people! You can look for them on warm, bright sunny days. They feed on the sweet **nectar** of flowers, so the best place to find them is a garden.

Some plants attract more butterflies than others. One of the best ways to see butterflies is to plant the flowers they like!

Butterflies like to live in warm places. On sunny days, you will often see them feeding on flowers.



Look out for butterflies when you are walking in the woods. They are sometimes difficult to spot among the trees.

### Did You Know?

Some butterflies sleep through the winter in cool buildings. If you find one, you must leave it alone. If the butterfly wakes it may use up all its **energy** flying around and die before spring.

Some butterflies rarely visit gardens. They need to lay their eggs on special plants that grow in other places, such as woodlands. So when you go for a walk in the woods, look for different types of butterflies.