
Seeds of Amazonian Plants

PRINCETON FIELD GUIDES

Rooted in field experience and scientific study, Princeton's guides to animals and plants are the authority for professional scientists and amateur naturalists alike. **Princeton Field Guides** present this information in a compact format carefully designed for easy use in the field. The guides illustrate every species in color and provide detailed information on identification, distribution, and biology.

Albatrosses, Petrels, and Shearwaters of the World, by
Derek Onley and Paul Scofield

Birds of Africa South of the Sahara, by Ian Sinclair and
Peter Ryan

Birds of Australia, Seventh Edition, by Ken Simpson
and Nicolas Day

*Birds of Borneo: Brunei, Sabah, Sarawak, and
Kalimantan*, by Susan Myers

Birds of Chile, by Alvaro Jaramillo

Birds of the Dominican Republic and Haiti, by Steven
Latta, Christopher Rimmer, Allan Keith, James
Wiley, Herbert Raffaele, Kent McFarland, and
Eladio Fernandez

*Birds of East Africa: Kenya, Tanzania, Uganda,
Rwanda, and Burundi*, by Terry Stevenson and
John Fanshawe

Birds of Europe, by Killian Mullarney, Lars Svensson,
Dan Zetterström, and Peter J. Grant

Birds of Europe, Second Edition, by Lars Svensson,
Dan Zetterström, and Killian Mullarney

*Birds of India, Pakistan, Nepal, Bangladesh, Bhutan, Sri
Lanka, and the Maldives*, by Richard Grimmett,
Carol Inskipp, and Tim Inskipp

*Birds of Kenya and Northern Tanzania: Field Guide
Edition*, by Dale A. Zimmerman, Donald A.
Turner, and David J. Pearson

Birds of the Middle East, by R. F. Porter, S.
Christensen, and P. Schiermacker-Hansen

Birds of Nepal, by Richard Grimmett, Carol Inskipp,
and Tim Inskipp

Birds of Northern India, by Richard Grimmett and
Tim Inskipp

Birds of Peru, by Thomas S. Schulenberg, Douglas F.
Stotz, Daniel F. Lane, John P. O'Neill, and
Theodore A. Parker III

Birds of the Seychelles, by Adrian Skerrett and Ian
Bullock

Birds of Southeast Asia, by Craig Robson

Birds of Southern Africa, by Ian Sinclair, Phil Hockey,
and Warwick Tarboton

Birds of Thailand, by Craig Robson

Birds of the West Indies, by Herbert Raffaele, James

Wiley, Orlando Garrido, Allan Keith, and Janis
Raffaele

Birds of Western Africa, by Nik Borrow and Ron Demey
Butterflies of Europe, by Tom Tolman and Richard
Lewington

*Caterpillars of Eastern North America: A Guide to
Identification and Natural History*, by David L.
Wagner

Coral Reef Fishes, by Ewald Lieske and Robert
Meyers

Dragonflies and Damselflies of the West, by Dennis
Paulson

Mammals of Europe, by David W. Macdonald and
Priscilla Barrett

Mammals of North America, by Roland W. Kays and
Don E. Wilson

Marine Mammals of the North Atlantic, by Carl
Christian Kinze

Minerals of the World, by Ole Johnsen

Nests, Eggs, and Nestlings of North American Birds,
Second Edition, by Paul J. Baicich and Colin J. O.
Harrison

Palms of Southern Asia, by Andrew Henderson

Raptors of the World, by James Ferguson-Lees and
David A. Christie

Reptiles and Amphibians of Europe, by E. Nicholas
Arnold

Reptiles of Australia, by Steve Wilson and Gerry
Swan

Seeds of Amazonian Plants, by Fernando Cornejo and
John Janovec

Sharks of the World, by Leonard Compagno, Marc
Dando, and Sarah Fowler

*Shorebirds of North America, Europe, and Asia: A Guide
to Field Identification*, by Stephen Message and
Don Taylor

*Stars and Planets: The Most Complete Guide to the
Stars, Planets, Galaxies, and the Solar System*, Fully
Revised and Expanded Edition, by Ian Ridpath and
Wil Tirion

*Whales, Dolphins, and Other Marine Mammals of the
World*, by Hadoram Shirihihi and Brett Jarrett

FERNANDO CORNEJO
AND
JOHN JANOVEC

Seeds of Amazonian Plants

PRINCETON UNIVERSITY PRESS PRINCETON AND OXFORD

Copyright © 2010 by Princeton University Press

Requests for permission to reproduce material from this work should be sent to Permissions, Princeton University Press

Published by Princeton University Press, 41 William Street,
Princeton, New Jersey 08540

In the United Kingdom: Princeton University Press, 6 Oxford Street,
Woodstock, Oxfordshire OX20 1TW

All Rights Reserved

Library of Congress Cataloging-in-Publication Data

Cornejo, Fernando, 1958–

Seeds of Amazonian plants / Fernando Cornejo and John Janovec.
p. cm. — (Princeton field guides)

ISBN 978-0-691-11929-8 (hardcover : alk. paper) — ISBN 978-0-691-14647-8

(pbk. : alk. paper) I. Tropical plants—Seeds—Amazon River Region—Identification.

2. Plants—Amazon River Region—Identification. 3. Seeds—Amazon River Region—Morphology.

I. Janovec, John. II. Title.

QK241.C67 2010

58198—dc22 2010005269

British Library Cataloging-in-Publication Data is available

This book has been composed in ITC Cheltenham and Gill Sans

Printed on acid-free paper: ∞

nathist.princeton.edu

Printed in the United States of America

10 9 8 7 6 5 4 3 2 1

Fernando Cornejo dedicates this book to his family, especially his daughter Jessenia. John Janovec dedicates this book to his family, especially his wife, Madeleine, and their two boys, Silvestre and J. W. Garvie, and to the memory of Dr. Theodore M. Barkley (1936–2004).

This page intentionally left blank