

rd University Press is a department of the University of Oxford.
ers the University's objective of excellence in research, scholarship,
and education by publishing worldwide in

Oxford New York
Auckland Cape Town Dar es Salaam Hong Kong Karachi
Kuala Lumpur Madrid Melbourne Mexico City Nairobi
New Delhi Shanghai Taipei Toronto

With offices in
gentina Austria Brazil Chile Czech Republic France Greece
uatemala Hungary Italy Japan Poland Portugal Singapore
outh Korea Switzerland Thailand Turkey Ukraine Vietnam

Oxford is a trade mark of Oxford University Press
in the UK and in certain other countries

Published in Canada by Oxford University Press

Copyright © Oxford University Press Canada 2011

The moral rights of the author have been asserted

Database right Oxford University Press (maker)

First Published 2011

d. No part of this publication may be reproduced, stored in a retrieval system,
n or by any means, without the prior permission in writing of Oxford University Press,
by law, or under terms agreed with the appropriate reprographics rights organization.
duction outside the scope of the above should be sent to the Permissions Department
hrough the following url: www.oupcanada.com/permission/permission_request.php

nk in any other binding or cover and you must impose this same condition on any acquirer.

made to determine and contact copyright holders. In the case of any omissions,
er will be pleased to make suitable acknowledgement in future editions.

Library and Archives Canada Cataloguing in Publication

Steckley, John, 1949–

Introduction to physical anthropology / John Steckley.

Includes bibliographical references and index.

ISBN 978-0-19-543215-2

ypology—Textbooks. 2. Physical anthropology—Canada—Textbooks. I. Title

GN60.S74 2011

599.9

C2010-906637-5

nk in any other binding or cover and you must impose this same condition on any acquirer.

made to determine and contact copyright holders. In the case of any omissions,
er will be pleased to make suitable acknowledgement in future editions.

eologist excavating inside a circular hearth structure on a pyramid in the sacred city of
to/Science Photo Library; (bottom) Cave paintings from the Great Hall of the Bulls, in the
ascal Goetgheluck/Science Photo Library; (inset, top) Gibbon: toos/iStockphoto.com;
V. Bulck/iStockphoto.com; (inset, bottom) Small ground finch, one of Darwin's finches,
uz Island, Galapagos Islands: Gerald & Buff Corsi/Visuals Unlimited, Inc.

manent (acid-free) paper ♻ which contains a minimum of 10% post-consumer waste.

Printed and bound in the United States of America

1 2 3 4 — 14 13 12 11

Contents Overview

Preface xiii

From the Publisher xvi

Tables, Figures, and Maps xix

Boxed Features 1

chapter 1	Introduction 2
chapter 2	Tools of the Trade: How Old Is That? 26
chapter 3	Evolution 50
chapter 4	Evolutionary Pathways 76
chapter 5	Primates: Taxonomy and Behaviour 102

chapter 6	Hominins Before <i>Homo</i> 130
chapter 7	Early <i>Homo</i> 154
chapter 8	Transition to Modern <i>Homo Sapiens</i> 178
chapter 9	Neandertal 202
chapter 10	Human Variation 226

chapter 11	Recent History: Ethics, Migrations, and the Physical Costs of Agriculture 250
chapter 12	Forensic Anthropology 276
chapter 13	Conclusions 304

Glossary 318

References 328

Credits 334

Index 335