

THE ANIMAL FAMILY

The infinite varieties of parenthood
from courtship display to the day the young leave home



Philip Whitfield Richard Orr Michael Wood
Introduction by Desmond Morris

Text by Dr Clive K. Catchpole
Dr Frank H. Hucklebridge
Dr D. Michael Stoddart

Major illustrations by Richard Orr
Line drawings by Michael Woods

The Animal Family was conceived,
edited and designed by
Marshall Editions Limited
71 Eccleston Square
London SW1V 1PJ
© 1979 Marshall Editions Limited

Editor: Jinny Johnson
Designer: Julia Clappison
Researcher: Janet Wilson

First American Edition 1979
All Rights Reserved

Printed and bound in Spain by Printer
industria gráfica sa Sant Vicenç dels Horts
Barcelona
D.L.B. 23-101-1979

Library of Congress Cataloging
in Publication Data

Catchpole, Clive.
The animal family.

Includes index.
1. Animals, habits and behavior of.
2. Familial behavior in animals.

I. Hucklebridge, Frank H., joint author.
II. Stoddart, David Michael, joint author.
III. Whitfield, Philip. IV. Orr, Richard.
V. Woods, Michael. VI. Title.
QL751.C368 574.5 79-19464

ISBN 0-393-01304-9

CONTENTS

INTRODUCTION	6
THE MECHANICS OF SEX	8
<i>The background to sexual reproduction. How eggs and sperm are made. How chromosomes and hormones work.</i>	
COURTSHIP	32
<i>The signals animals use to attract the right mate: visual, sound and scent.</i>	
THE BOND	54
<i>Overcoming natural fear and aggression by social behaviour. The act of mating.</i>	
TERRITORY	64
<i>Competing with other males for territory. With the territory, winning the right to breed.</i>	
HOMEBUILDING	74
<i>How animals build nests and burrows to protect their eggs and young.</i>	

THE BRINK OF LIFE	96
<i>The development of an embryo. Incubation and nourishment of the growing young. The moment of birth.</i>	
CARE AND LEARNING	116
<i>Feeding and protection of the young. The all-important learning processes.</i>	
FAMILY STYLES	134
<i>The family lives of seven animals: honeybee, salmon, crocodile, herring gull, wolf, baboon and lion.</i>	
THE ANIMAL KINGDOM	154
<i>The relationship between the many different groups of creatures in the animal kingdom.</i>	
INDEX	156
ACKNOWLEDGMENTS	160

