

THE
NATURE PHOTOGRAPHER'S
—— COMPLETE GUIDE TO ——
PROFESSIONAL FIELD TECHNIQUES



BY JOHN SHAW

CONTENTS

FOREWORD 8

EXPOSURE 10

- UNDERSTANDING EXPOSURE 13
- IN BRIGHT SUNLIGHT,
IGNORE YOUR CAMERA'S METER 14
- KEEPING A WHITE SUNLIT OBJECT
FROM WASHING OUT 16
- FIRST, FINE-TUNE YOUR CAMERA'S METER 18
- COMPENSATING FOR VERY LIGHT
AND DARK SUBJECTS 20
- WHEN THERE IS NO MIDDLE TONE TO READ 22
- HANDLING THE BACKLIT SUBJECT 24
- COPING WITH THE LOW-LIGHT SITUATION 26
- HOW EXPOSURE CAN CONTROL MOOD 28

EQUIPMENT 30

- BASIC FIELD OUTFITS 33
- THE CRUCIAL ACCESSORY: A TRIPOD 34
- SUPPORTING THE CAMERA AT GROUND LEVEL 36
- PORTABLE CAMERA SUPPORT
FOR THE MOVING SUBJECT 38
- CHOOSING FILM FOR SHARP,
GRAIN-FREE IMAGES 40
- THE TWO FILTERS TO ALWAYS CARRY 42
- CC FILTERS FOR SUBTLE COLOR ADJUSTMENTS 44
- WORKING WITH A HAND-HELD LIGHT METER 46
- MOTOR DRIVE:
A FAST THUMB FOR ADVANCING FILM 48

LENSES 50

- WHAT LENSES DO 53
- MAINTAINING TOP OPTICAL QUALITY 54
- A WIDE ANGLE FOR TIGHT SPOTS
AND SWEEPING SCENICS 56
- DO YOU NEED A NORMAL LENS? 58
- THE 105MM: BEST ALL-AROUND
FIELD OPTIC 60
- THE 200MM: VERSATILE
LONGER LENS 62
- A LONG LENS FOR WILDLIFE
(AND SOME SCENICS) 64
- HOW FAST A LENS DO YOU NEED? 68
- THE IF LENS FOR LESS HASSLES 70
- USING A TELECONVERTER FOR EXTRA LENGTH 72

COMPOSITION 74

- LEARNING TO SEE 77
- FINDING THE BEST SUBJECT 78
- CONTROLLING PERSPECTIVE WITH LENSES 80
- HOW FORMAT AFFECTS AN IMAGE'S IMPACT 82
- POSITIONING YOUR SUBJECT IN THE FRAME 84
- AN IMAGE'S SPECIAL POINTS OF POWER 86

CLOSE-UPS 90

- MAKING LENSES FOCUS CLOSER 93
- SELECTING THE RIGHT LENS FOR CLOSE SHOTS 94
- HOW LENS LENGTH
CONTROLS THE BACKGROUND 98
- MAKING SURE YOUR SUBJECT LOOKS SHARP 100
- DETERMINING CLOSE-UP EXPOSURES WITH A
METER 102
- DETERMINING CLOSE-UP
EXPOSURES BY CALCULATION 104
- WAYS TO CONTROL NATURAL LIGHT 106
- FLASH FOR FREEZING
SMALL AGILE CREATURES 108
- THE EASY WAY TO
DETERMINE FLASH EXPOSURE 110
- MAKING A THIRD HAND
TO HOLD THE FLASH 112
- THE PRACTICAL WAY TO SET FLASH ANGLE 114
- MORE TIPS ON TAKING
FLASH CLOSE-UPS 116
- A SPECIAL TECHNIQUE FOR
SHOOTING TINY SUBJECTS 118

IN THE FIELD 122

- COPING WITH WEATHER 124
- LEARNING TO USE NATURAL LIGHT 126
- A SIMPLE, PORTABLE BLIND 128
- SHOOTING FROM THE CAR 130
- SUCCESSFULLY STALKING A SUBJECT 132

FINAL NOTES 134

- WORKING WITH FLASH 136
- CATALOGING AND STORING SLIDES 138
- MY PERSONAL FIELD GEAR 140
- RESOURCE BOOKS AND SHOOTING SITES 142

INDEX 143