ANTARCTIC PENGUINS; A STUDY OF THEIR SOCIAL HABITS

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649163267

Antarctic penguins; a study of their social habits by G. Murray Levick

Except for use in any review, the reproduction or utilisation of this work in whole or in part in any form by any electronic, mechanical or other means, now known or hereafter invented, including xerography, photocopying and recording, or in any information storage or retrieval system, is forbidden without the permission of the publisher, Trieste Publishing Pty Ltd, PO Box 1576 Collingwood, Victoria 3066 Australia.

All rights reserved.

Edited by Trieste Publishing Pty Ltd. Cover @ 2017

This book is sold subject to the condition that it shall not, by way of trade or otherwise, be lent, re-sold, hired out, or otherwise circulated without the publisher's prior consent in any form or binding or cover other than that in which it is published and without a similar condition including this condition being imposed on the subsequent purchaser.

www.triestepublishing.com

G. MURRAY LEVICK

ANTARCTIC PENGUINS; A STUDY OF THEIR SOCIAL HABITS

Trieste

ANTARCTIC PENGUINS A STUDY OF THEIR SOCIAL HABITS

DR. G. MURRAY LEVICK, R.N. ZOOLOGIST TO THE BRITISH ANTARCTIC EXPEDITION [1910-1913]

.



LONDON WILLIAM HEINEMANN

First Published March 1914 Second Impression May 1914

LONDON: WILLIAM HEINEMANN 1914

CONTENTS

| PART I THE FASTING PERIOD | 17 |
|-------------------------------------|-----|
| THE FASTING PERIOD | 17 |
| | |
| PART II | |
| DOMESTIC LIFE OF THE ADELIE PENGUIN | 51 |
| APPENDIX | 119 |
| PART III | |
| McCORMICK'S SKUA GULL | 125 |
| A SHORT NOTE ON EMPEROR PENGUINS | 134 |

v

-

LIST OF ILLUSTRATIONS

| " Occasionally an unaccountable ' broodiness ' se to take possession of the penguins " | Frontispiec |
|---|-----------------|
| to take possession of the penguns | To face p |
| An angry Adélie | 20 juli p |
| Dozing | 4 |
| Waking up, stretching, and yawning | 4 |
| Pack-ice | 8 |
| Heavy seas in the autumn | 8 |
| "throw up masses of ice" | 10 |
| "which are frozen into a compact mass" | 10 |
| " and later, form the beautiful terraces of th | e ice-foot " 14 |
| Penguins at the rookery | 14 |
| In the foreground a mated pair have begun to | build 20 |
| The rookery beginning to fill up | 22 |
| " The hens would keep up this peck-pecking h | our after |
| hour" | 24 |
| An affectionate couple | 24 |
| "Side by side nests of very big stones a | and nests |
| of very small stones" | 26 |
| On the march to the rookery | 28 |
| | vii |

12

LIST OF ILLUSTRATIONS

| То | face p. |
|--|---------|
| Part of the line of approaching birds, several miles | |
| in length | 30 |
| Arriving at the rookery 3: | 2, 34 |
| Adélies arriving | 36 |
| A cock carrying a stone to his nest | 36 |
| Several interesting things are taking place here | 38 |
| Three cocks in rivalry | 40 |
| Two of the cocks squaring up for battle | 40 |
| Hard at it | 42 |
| The end of the battle | 42 |
| The proposal | 44 |
| Cocks fighting for hens 40 | 5, 48 |
| Penguin on nest | 48 |
| Showing the position of the two eggs | 50 |
| An Adélie in "ecstatic" attitude | 50 |
| Floods | 52 |
| Flooded | 54 |
| A nest with stones of mixed sizes | 54 |
| " Hour after hour they fought again and again " | 56 |
| A nest on a rock | 58 |
| " One after another, the rest of the party followed him" | 58 |
| A joy ride | 60 |
| A knot of penguins on the ice-foot | 62 |
| An Adélie leaping from the water viii | 64 |

LIST OF ILLUSTRATIONS

| | To face p. |
|--|--------------|
| An Adélie leaping four feet high and ten feet los | ng 66 |
| Jumping on to slippery ice | 68 |
| "When they succeeded in pushing one of their number over, all would crane their neck. | |
| over the edge" | 70 |
| Diving flat into shallow water 72, | , 74, 76, 78 |
| Adélies " porpoising " | 78 |
| A perfect dive into deep water | 80 |
| Sea-leopards " lurk beneath the overhanging ledg | zes" 82 |
| A sea-leopard's head | 84 |
| A sea-leopard 10 ft. 6½ in. long | 86 |
| A young sea-leopard on sea-ice | 86 |
| " With graceful arching of his neck, appeared | to |
| assure her of his readiness to take charge" | 88 |
| " The chicks began to appear" | 90 |
| An Adélie being sick | 90 |
| Method of feeding the young | 92 |
| Profile of an Adélie chick | 94 |
| A task becoming impossible | 96 |
| Adélie with chick twelve days old | 98 |
| A couple with their chicks | 100 |
| Adélie penguins have a strong love of climbing | 3 |
| for its own sake | 102 |
| Adélies on the ice-foot 10 | 4, 106, 108 |
| | ix |