

**A TREATISE ON  
EPIZOOTIC  
LYMPHANGITIS**

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649530076

A Treatise on Epizootic Lymphangitis by W. A. Pallin

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](http://www.triestepublishing.com)

**W. A. PALLIN**

**A TREATISE ON  
EPIZOOTIC  
LYMPHANGITIS**



A TREATISE  
ON  
EPIZOOTIC LYMPHANGITIS

BY  
CAPTAIN W. A. PALLIN, F.R.C.V.S.  
ARMY VETERINARY DEPARTMENT

WITH ILLUSTRATIONS



NEW YORK  
WILLIAM R. JENKINS  
VETERINARY PUBLISHER AND BOOKSELLER  
851 AND 853 SIXTH AVENUE

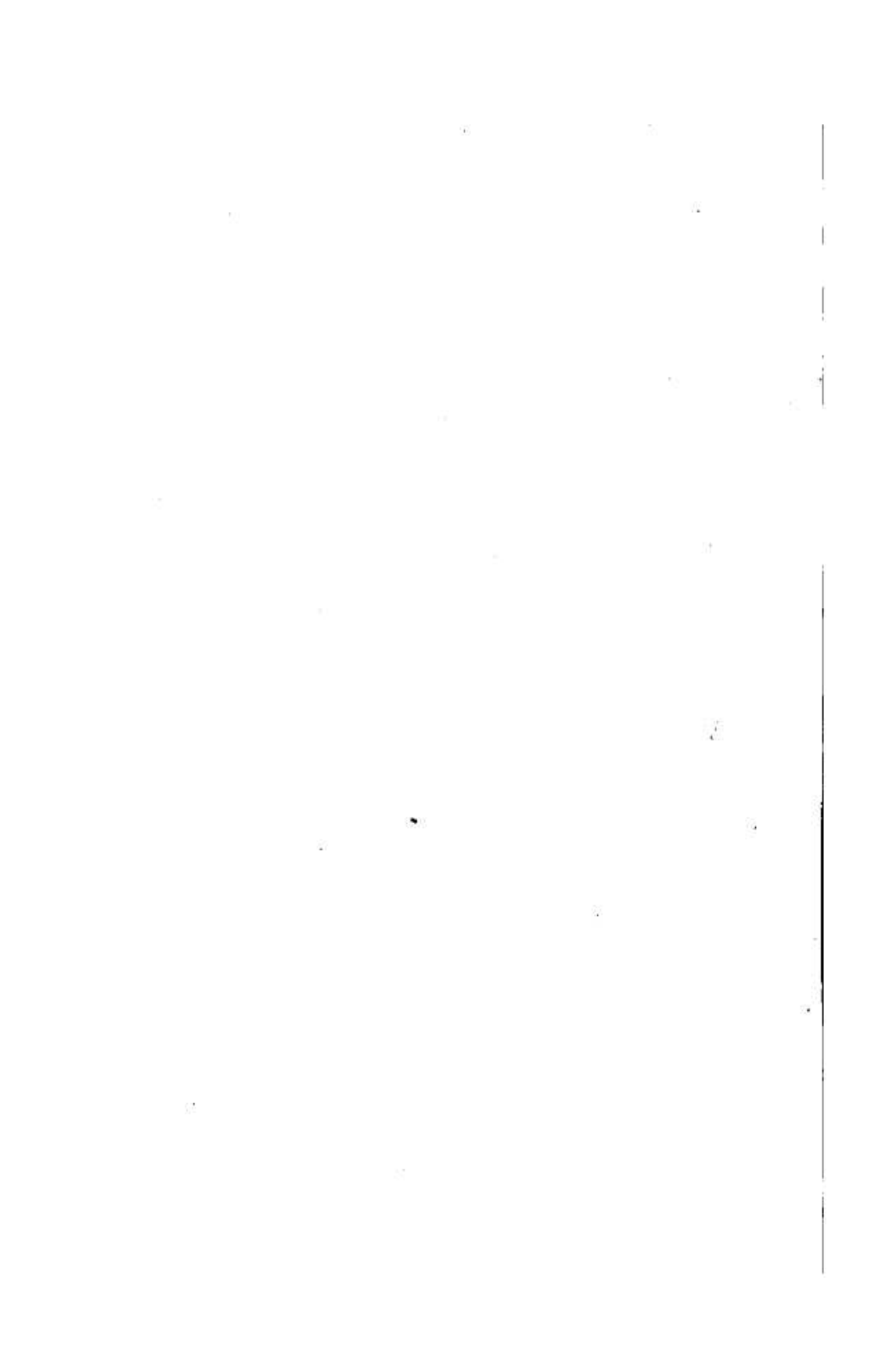
1905

LIBRARY  
UNIVERSITY OF CALIFORNIA  
DAVIS



## CONTENTS

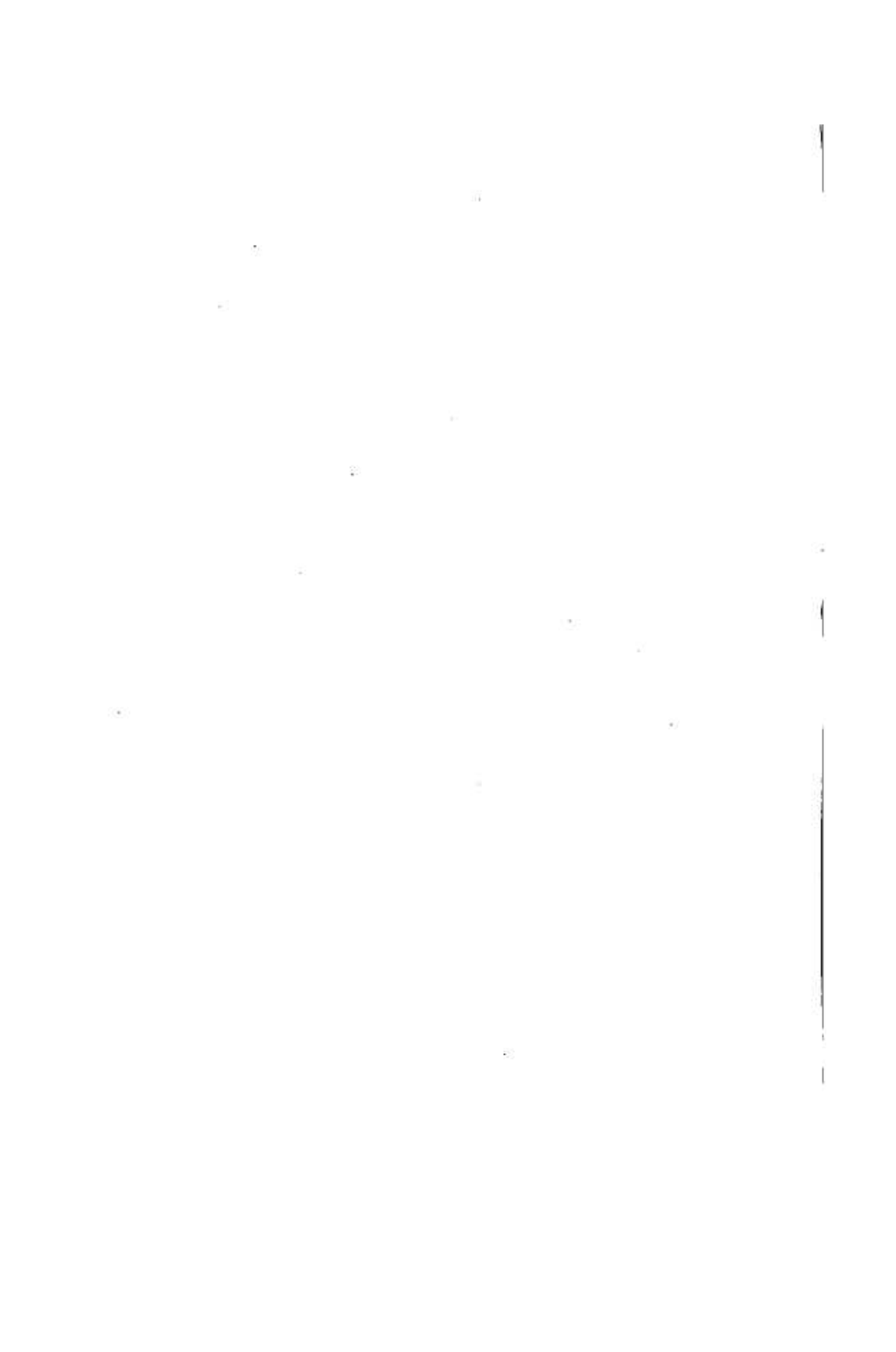
	PAGE
Introduction . . . . .	1
Literature on the Disease . . . . .	1
Nature of the Disease . . . . .	2
History . . . . .	3
Geographical Distribution . . . . .	9
Bacteriology . . . . .	11
Staining . . . . .	12
Culture . . . . .	17
Incubative Period . . . . .	19
Symptoms . . . . .	20
"    Cutaneous variety . . . . .	20
"    Mucous Membrane variety . . . . .	24
"    General . . . . .	27
"    in Cattle . . . . .	30
<i>Post-Mortem</i> Lesions . . . . .	30
Diagnosis . . . . .	32
Differential Diagnosis . . . . .	33
Experimental Inoculation and Susceptible Species . . . . .	39
Resistance of the Virus . . . . .	43
Immunity . . . . .	43
Predisposing Causes . . . . .	44
General Methods of Infection . . . . .	45
Treatment . . . . .	46
"    External . . . . .	47
"    Internal . . . . .	48
Mortality and Prognosis . . . . .	48
Prophylaxis . . . . .	49
Concluding Remarks . . . . .	55
Statistics of an Outbreak in India . . . . .	56
Plates	
Order of the Board of Agriculture and Fisheries . . . . .	Appendix i
Order of the Department of Agriculture and Technical Instruction for Ireland . . . . .	Appendix ii





## ILLUSTRATIONS

- PLATE I. An unstained preparation of the organisms.  
 " II. A stained preparation of the organisms.  
 " III. Some cutaneous lesions of the disease.  
 " IV. Different forms and cultures of the organisms.  
 " V. Lesions on the lip of a mule.  
 " VI. " " right fore limb of a mule.  
 " VII. " " left fore limb of a horse.  
 " VIII. " " " " " —*continued.*  
 " IX. " " right hind limb of a mare.  
 " X. " " " " "  
 " XI. " " vulva of a mule.  
 " XII. " in the submaxillary space of a horse.  
 " XIII. " on the nasal mucous membranes of a horse.  
 " XIV. " " " " " " "  
 " XV. " " " " " " "  
 " XVI. " " " " " " "  
 " XVII. " in the right eye of a horse.



## PREFACE

**I**N the following treatise I have endeavoured to combine my experiences with that of other writers on a subject which must be of great interest to the veterinary profession generally, especially in this country at the present moment, and it attempts to give a clear and complete account of a subject about which there is at present a paucity of English veterinary literature.

References to the literature on the subject have been freely made, but I wish to express my indebtedness to the works of NOCARD and LECLAINCHE, and TOKISHIGE, and also to state that I am greatly indebted to Professor BOYCE in permitting me to publish my work under the auspices of the University Press of Liverpool.

W. A. PALLIN

*June, 1904*