

**ON THE USE OF FIELD ARTILLERY  
ON SERVICE: WITH ESPECIAL  
REFERENCE TO THAT OF AN  
ARMY-CORPS: FOR OFFICERS OF  
ALL ARMS**

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9781760578930

On the use of field artillery on service: with especial reference to that of an army-corps: for officers of all arms by Taubert & Henry Hamilton Maxwell

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)

**TAUBERT & HENRY HAMILTON MAXWELL**

**ON THE USE OF FIELD ARTILLERY  
ON SERVICE: WITH ESPECIAL  
REFERENCE TO THAT OF AN  
ARMY-CORPS: FOR  
OFFICERS OF ALL ARMS**



RUDIMENTARY MILITARY SERIES.

---

ON THE  
USE OF FIELD ARTILLERY  
ON SERVICE:

WITH ESPECIAL REFERENCE TO THAT OF AN

ARMY-CORPS.

FOR OFFICERS OF ALL ARMS.

BY

*red*  
TAUBERT,

CAPTAIN AND BATTERY COMMANDANT, EIGHTH REGIMENT  
PRUSSIAN ARTILLERY.

TRANSLATED FROM THE GERMAN

BY

HENRY HAMILTON MAXWELL,

FIRST LIEUTENANT BENGAL ARTILLERY.

LONDON:

JOHN WEALE, 59, HIGH HOLBORN.

1856.

UF 145  
T3

LONDON:

PRINTED BY JOHN WEALE, KING'S HEAD COURT, COUGH SQUARE.

## TRANSLATOR'S PREFACE.

---

I HAVE long experienced, in my professional capacity, the want of a work treating of the tactics of Artillery; and as I have good reason to believe that others have felt the same want, I have been induced to put the treatise by Taubert of the Prussian Artillery into an English dress, being much impressed by the able manner in which that distinguished officer has handled the subject.

I need scarcely draw attention to the fact that the author has been brought up in a good school, and that he is one of a corps of officers who have always been as distinguished for their scientific and practical attainments in their branch of the service, as they have been for gallantry in the field. The great master in artillery—Frederick the Great—has left as a legacy to his country traditions which time past has confirmed, and which time future will probably never alter. Many of them are contained in the following pages, and it appears to me they could have no better recommendation than to state that they emanate from such a source.

I have endeavoured to give the *meaning* of the author's paragraphs in English, without confining

myself to his *words*, believing the best translation to be a paraphrase.

For the foot notes alone I am answerable. I have made them as short as possible, as they are merely intended to spare the reader the trouble of seeking in books of reference for dates, dimensions, and measures. I have rarely, if ever, permitted myself to discuss the merits of the author's opinions, leaving them to the consideration of the professional reader.

H. H. M.

28th February, 1856.



## PREFACE.

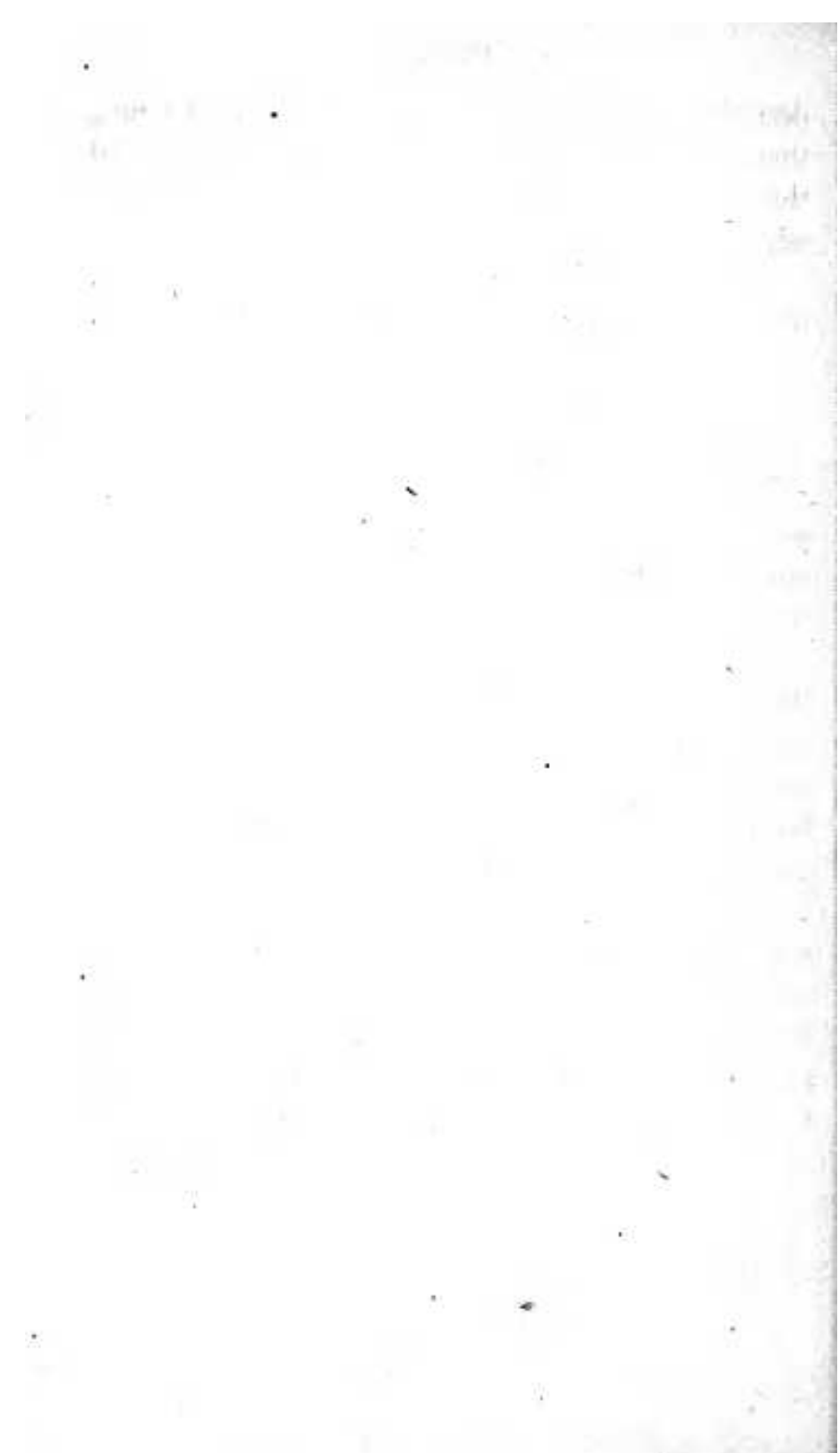
---

ARTILLERY has been so remarkably improved in its material since the last great European war, that in this respect it seems to be nearly perfect: its organisation has been altered, greatly to its advantage, and the troops themselves have been so much ameliorated, that they are out of all comparison more efficient than they were in former days.

Our duty compels us to acknowledge with gratitude the great solicitude which has been extended to the Arm from the Highest Quarters; and to attribute thereto the principal cause of its improvement, as this patronage gave birth to the active and scientific labours which still occupy the corps.

The field artillery especially has made, latterly, important advances, rendering it so capable of locomotion and so handy, that it is now in a position to satisfy all the exigencies which a General could expect from it as regards tactical utility.

Under these circumstances it appears requisite to turn the attention of officers exercising superior commands to the existing efficiency of the artillery, and to diffuse among other officers of all Arms practical instruction, grounded on a proper footing,



# CONTENTS.

## CHAPTER I.

### ATTRIBUTES, OBJECT, AND REQUISITES OF FIELD ARTILLERY, ITS STRENGTH AND DISTRIBUTION IN AN ARMY-CORPS.

Sect.	Page
1. Attributes, object, and requisites of field artillery . . . . .	1
2. Strength of the field artillery of an army-corps, and the relative proportions of the different natures of ordnance and calibres . . . . .	4
1. The proportion of guns to howitzers . . . . .	4
2. The proportion of heavy to light guns . . . . .	6
3. The proportion of horse to foot artillery . . . . .	11
3. The proportion of the number of pieces to the strength of the troops . . . . .	12
4. Distribution of the field artillery of an army-corps . . . . .	14
A. The divisional artillery . . . . .	15
B. The reserve artillery . . . . .	<i>ib.</i>

## CHAPTER II.

### PRINCIPLES OF THE TACTICS OF ARTILLERY.

5. Characteristic of the tactics of artillery . . . . .	17
6. Formation of field artillery into independent bodies . . . . .	18
1. The battery . . . . .	<i>ib.</i>
a. The mixed batteries . . . . .	19
b. The howitzer batteries . . . . .	20
c. The gun batteries . . . . .	<i>ib.</i>
2. The columns . . . . .	21
7. Principles of the evolutions of artillery . . . . .	22
A. Principles of the evolutions of a single battery . . . . .	<i>ib.</i>
a. The manoeuvring portion of the battery . . . . .	<i>ib.</i>
b. Position of the battery in line . . . . .	23
c. Movement of the battery in line.—Pace . . . . .	25