

SWORD, LANCE & BAYONET



PLATE I



HENRY HERBERT, TENTH EARL OF PEMBROKE (1734–1794)

Colonel of the First Dragoons

From the portrait at Wilton House by Sir Joshua Reynolds



SWORD, LANCE & BAYONET

A Record of the Arms of the British Army & Navy

BY

CHARLES FFOULKES, C.B., O.B.E. Hon.D.Litt., Oxon., F.S.A.

AND

CAPTAIN E. C. HOPKINSON, M.C.

"Cedit Ensis Calamo"

CAMBRIDGE
AT THE UNIVERSITY PRESS
1938



CAMBRIDGE UNIVERSITY PRESS

Cambridge, New York, Melbourne, Madrid, Cape Town, Singapore, São Paulo, Delhi, Mexico City

Cambridge University Press The Edinburgh Building, Cambridge CB2 8RU, UK

Published in the United States of America by Cambridge University Press, New York

www.cambridge.org
Information on this title: www.cambridge.org/9781107670150

© Cambridge University Press 1938

This publication is in copyright. Subject to statutory exception and to the provisions of relevant collective licensing agreements, no reproduction of any part may take place without the written permission of Cambridge University Press.

First published 1938 First paperback edition 2013

A catalogue record for this publication is available from the British Library

1SBN 978-1-107-67015-0 Paperback

Cambridge University Press has no responsibility for the persistence or accuracy of URLs for external or third-party internet websites referred to in this publication, and does not guarantee that any content on such websites is, or will remain, accurate or appropriate.



Contents

Preface	page vi
List of plates and text-figures	ix
Introduction	xv
EARLY REGULATIONS, WARRANTS, AND RECORD	os 1
THE SWORD THROUGH THE CENTURIES	18
Swords of the Army	27
General Officers	29
Household Cavalry	31
Cavalry	42
Artillery	58
Engineers	61
Infantry	62
Pioneers	76
Band	77
The Departmental Corps	81
The Royal Navy	83
BELTS, SLINGS, KNOTS, ETC.	89
LANCE, BAYONET, AND STAFF WEAPONS (Reprinted from the Army Quarterly, vol. XVII, by permission)	99
TESTS	121
Appendix	
Muskets, Rifles, and Carbines	125
Works Consulted	139
INDEX	141
(v)	





Preface

Prior to the existence of a standing army in this country the weapons in use were those of personal idiosyncrasy, and indeed, in the early days of the organized Army, there was little control of pattern or design. The arms of the earlier periods have been studied in detail and their history can be found in the pages of any standard work on arms and armour. It has been no light task to trace and record, within the compass of one volume, the story of the gradual superannuation of these descendants of primitive weapons. Those who knew the arme blanche as a sight of everyday familiarity neglected to remember that the pen is mightier than the sword, and none of the students of military equipment made any serious attempt to help future generations with written or pictorial record. It would therefore seem to be left to us to recite, as well as may be, its funeral oration. Sins of omission and commission we have doubtless committed. Such as these may be, we pray the reader to forgive and ask him to remember the need for brevity and the endless and often futile research entailed.

Without generous help and advice from many the task would have been wellnigh insurmountable, and the production of this work as it stands is in no small measure due to the assistance rendered to us by the officers of the Royal Library, Windsor Castle, of the War Office Library, of the Public Record Office, of the Royal United Services Institution, by Mr J. W. Latham of the Wilkinson Sword Company and the Rev. Percy Sumner, F.S.A. We would also express our indebtedness to the Under-Secretary of State for War, the Comptroller of H.M. Stationery Office, the Officer Commanding the 15/19th Hussars, and to the Council of the Society for Army Historical Research for leave to reproduce certain illustrations and for the loan of half-tone blocks.

C. FF. E. C. H.

London 1938

(vii)





ILLUSTRATIONS

PLATES

I. Henry Herbert, Tenth Earl of Pembroke (1734–1794),

Colonel of the 1st Dragoons Frontispiece
(From the portrait, dated 1765, at Wilton House by Sir
Joshua Reynolds)

II, III. Sword Hilts

following p. 36

TEXT-FIGURES

* Figures marked with an asterisk are reproduced from textbooks on small arms and prints by permission of the War Office.

Note. The dates given are the earliest and latest of pictorial or other records.

K	by all Cyphers on swords	p.	12
1.	Diagram of Sword Blades:		16
	1. Officer, 1790–1822		
	2. Heavy Cavalry, 1790–1815		
	3. Light Cavalry, 1796–1820		
	4. Cavalry, 1834		
	5. Infantry "Hanger", 1742–63		
	6. Officer and Staff-Sergeant, 1822-95		
	7. Sword Bayonet, 1867		
2.	General Officer, 1803 (From a portrait of General Charles Leigh by Louthenbourg)		29
3.	Household Cavalry Officer, 1814 (From a portrait of Captain Alex McInnes, Royal United Services Museum)		33
4.	Royal Horse Guards Officer (Dress), 1822. (Tower)	33
5.	1st Life Guards Officer, 1834 1st and 2nd Life Guards Officer, 1874		35
	(ix)		



ILLUSTRATIONS

6.	Monograms on Household Cavalry handguards, p. 1834 to present day	36
7.	Horse Guards Trooper, 1742-51 (Royal United Services Museum)	38
8.	1st Horse Guards Trooper, 1751 (after Morier)	38
9.	Household Cavalry Trooper, ? 1796-1807 (Tower)	39
10.	1st Life Guards Trooper, 1829 (Tower)	40
11.	Household Cavalry Trooper, 1882 (Tower)	41
12.	Heavy Cavalry Trooper, 1742-51 North British Fusiliers, 1751 (after Morier)	46
13.	Dragoons Trooper, 1742 (Representation of Cloathing)	46
14.	Dragoons Officer and Trooper, 1742-65 (Tower)	47
15.	Heavy Dragoon Trooper, ? 1777 (Tower)	47
16.	Light Dragoon and Light Cavalry Trooper:	49
	A. 1777–88 B. 1778–96 C. 1796–1820 D. 1820–29 E. 1829–53 (Tower)	
17.	Household Cavalry and Heavy Cavalry Trooper, 1807–30 (Tower)	51
18.	Heavy Cavalry Officer, 1834 (Tower)	52
19.	"Scroll" Guard, Heavy Cavalry Officer, 1857–96 Royal Engineers, 1857–97 Field Officer Black Watch, Seaforth, and Argyll and Sutherland Highlanders, and Highland Light Infantry (Tower)	53
20.	Heavy Cavalry Trooper, 1830–53 (Tower)	54
* 21.	Cavalry Officer, 1896	56
22.	. Cavalry Officer, 1912	5 6
23	. Cavalry Trooper, 1853 (Tower)	57
	(x)	



ILLUSTRATIONS

24.	Foot Artillery, 1815 (Tower)	p.	60
25.	Mountain Artillery, 1896–1902		61
26.	Infantry Officer, handguard, 1822 (Tower)		63
27.	Infantry Officer, grip and scabbard mounts, 1822 (Tower)		64
28.	Infantry Officer, handguard, 1850 (Tower)		64
29.	"Thistle" handguard, Field Officer Royal Scots, King's Own Scottish Borderers, Royal Scots Fusiliers		67
30.	Grip for "Thistle" guard		67
31.	Handguard, Field Officer Cameron Highlanders		69
32.	 Cross-guards: A. Seaforth, Cameron and Argyll and Sutherland Highlanders B. Highland Light Infantry and Royal Scots Fusiliers 		69
	C. Royal Scots		
	D. Black Watch and Gordon HighlandersE. King's Own Scottish Borderers		
33.	Infantry "Hanger", 1742 (Tower)		73
34.	Infantry "Hanger", 1751 (Tower)		73
35.	Infantry Private, 35th Foot, 1751 (after Morier)		73
36.	Infantry Private, 1751 (after Morier)		73
37.	Band, circa 1820 (Tower)		7 9
38.	Band, Cavalry, circa 1820 (Tower)		79
39.	Land Transport Corps, 1855-7 (Tower)		81
40.	Army Hospital Corps, 1865 (Tower)		82
41.	Naval Flag Officer, 1825 (Admiralty print)		85
42.	Naval Secretary and Physician, 1825 (Admiralty print)		85
	/ vi \		

(xi)



ILLUSTRATIONS

43.	Naval Officer, handguard, 1827	p. 85
44.	Admiral, 1842-56	86
45.	Naval Cutlass, circa 1800 (Tower)	86
* 46.	Naval Cutlass, 1889	87
* 47.	Naval Cutlass, 1900	87
48.	Sabretache, 1814–1901	93
49.	Sword-knot, 1790–1803	95
<i>5</i> 0.	Lances:	103
	1. Head, 1816 7. Head, 1860	
	2. Shoe, 1816 8. Shoe, 1860	
	3. Head, 1820 9. Head, 1868	
	4. Point protector, 1820 10. Shoe, 1868	
	5. Head, 1840 11. Experimental head,	
	? 189 <i>5</i>	
	6. Head, 1846 12. Handguard	
* 51.	Lance	105
52.	Plug-Bayonet, 1680-1700 (Tower)	108
53.	Ring-Bayonet, 1689-1702 (after Grose)	109
<i>5</i> 4.	Socket-Bayonet, 1700 (Tower)	109
* 55.	Bayonets:	111
	A. Martini-Henry, 1871	
	B. Martini-Enfield, 1883	
	C. Lancaster, 1855	
	D. Artillery, Mark III, ? 1870	
	E. Pattern, 1888	
	F. Lee-Metford, 1907	
<i>56</i> .	Sword-Bayonet, 1st Baker Rifle, 1800 (Tower)	112
<i>5</i> 7.	Sword-Bayonet, 2nd Baker Rifle, 1801 (Tower)	112
<i>5</i> 8.	Sword-Bayonet, Brunswick Rifle, 1836 (Tower)	112
59.	Sword-Bayonet, Light Cavalry, 1804 (Tower)	112
	(xii)	



ILLUSTRATIONS

* 60.	Sword-Bayonet, Naval, 1871	p.	113
61.	"Elcho" Sword-Bayonet, 1871		113
62.	Artillery Saw-back Sword-Bayonet, 1879 (Tower)		113
<i>63</i> .	Lintstock, eighteenth century (Tower)		114
64.	Officer's Spontoon, 1700–70 (Tower)		115
65.	Sergeant's Halberd, 1700–99 (Tower)		115
66.	Sergeant's Pike, 1750 (after Hogarth)		117
67.	Sergeant's Spontoon, 1800-30 (Tower)		117
68.	Naval Boarding Pike, circa 1850-1926		118
	A. Point B. Protector C. Butt		
69 .	Tomahawk or Boarding Axe, 1872-97		119
70.	Pioneer's Felling Axe, 1815 (after Hamilton-Smith)		120
* 71.	Flintlock, 1790–1840		129
* 72.	Flintlock ("Brown Bess"), 1790–1840		132
73.	Forsyth's Percussion Lock, 1807 (Patent Office)		132
* 74.	Brunswick Rifle, 1839		132
* 75.	Brunswick Belted Ball, 1839		133
* 76.	Delvigne Breech, 1826		134
*77.	Thouvenin Breech, 1828		134
78.	Minié Bullet, 1847		135
* 79.	Snider Breech, 1866–71		136
* 80.	Martini-Henry Breech, 1871		137

(xiii)





Introduction

Man has always been and always will be a combative animal. From his excursions in search of food, to acquire territory, to safeguard his family, to avenge real or imaginary wrongs, we can trace an important part of the history of the world, illustrated by the weapons he has used.

Hands and teeth, wood, stone, bronze and iron have been in turn used and adapted by man to achieve his purpose, which was ever to obtain sovereignty and superiority over his neighbour.

We do not propose to deal with the sling and the bow in these pages, although these may be said to have been to some extent the precursors of the firearm; nor shall we discuss the evolution of the club or mace, although this weapon in its most primitive form was used by all combatants in the trench warfare on the Western Front in 1914–18. It should, however, be noted that it is from the sharpened Stone-Age club that, in the process of experiments spread over thousands of years, the sword was developed. Of all these primitive weapons the lance has remained the same tree sapling of antiquity with but a metal point added, and eventually the point taken off and attached to the firearm to form the bayonet.

Under present consideration the sword is the most important of all these weapons, and yet for centuries the most highly skilled craftsmen failed to produce a completely satisfactory weapon. The Greek, the Roman, and before him the Bronze-Age warrior realized that the true function of the sword was to attack the enemy hand to hand, the defence being achieved by the shield on the left arm. Therefore, he favoured a short well-balanced handy weapon which vanished with the Saxons and Danes only to reappear in the ornamental swords of the French Infantry of the first half of the nineteenth century, and of the British bandsmen of the Victorian period. The great swords of

(xv)



INTRODUCTION

the mounted knight from the tenth to the fifteenth century are lacking in every quality which a sword should possess. The grips are small, the blades heavy and ill balanced and the points of little or no use for the thrust. The handguards are negligible, but that may be accounted for by the fact that the hand was protected by mail or plate. The battle-axe or mace would have been a more serviceable weapon, but these were not so favoured as the sword, which in the course of centuries became the symbol of chivalry, justice and military power.

This neglect of the essentials in defensive and offensive arms is very noticeable all through the ages. We find armour attached with straps that could easily be cut off, helmets which were often more of a hindrance than a defence, and weapons like the halberd and gisarme of such intricate design that they hampered foot soldiers in close formation, as the Swiss found after the Battle of Arebo in 1442, when they reverted to the primitive pike. In more modern times the head-dresses of Cavalry and Infantry were so entirely unsuited for campaigning that it seems incredible that they should have been designed by soldiers for soldiers; and when to this ornate panoply is added a useless appendage like the sabretache the brain reels with this sartorial Pelion on Ossa. In the last half of the sixteenth century, when defensive armour was being gradually discarded, the long rapier with its complex handguard was developed, and at a later date the more complete guard of the broadsword found favour and eventually became identified with Cromwell's trooper and later with the Highlander. The fact that "Highland swords" were ordered for the English Cavalry in 1707 would seem to suggest that it was found to be a serviceable weapon and as such was used by Cavalry and by the Grenadiers of the Line Regiments up to 1751 if not later. We shall refer at length later on to the Lance, Halberd, Pike and other weapons, but for the present we will confine our investigations to the written or printed records which deal more particularly with the swords of the army at various periods.

(xvi)