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- Researched and Compiled by MATTHEW BALENT (dedicated to my parents)
- Editors MATTHEW BALENT KEVIN SIEMBIEDA
- Armor Illustrators MARY WALSH KEVIN SIEMBIEDA
- Front Cover Design ALEX MARCINSZYN WILLIAM F. LOEBS
- Art Direction and Logo Design KEVIN SIEMBIEDA
- Back Cover Orm Design JOHN BENSON
- Circulation Director ANTHONY E. FALZON

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To provide the fantasy gamer with a clear, concise reference book on armour at a reasonable cost is no easy task. For too long has this aspect of the hobby been overlooked, usually with serious side-effects. Often have I heard arguments from mis-informed people as to the weight, flexibility, and appearance of medieval armour; I cannot fault the average gamer however, as it was the designers of the games who should have done the initial research so as not to pass on faulty information.

As anyone who has done research on medieval armour can tell you, even the experts do not agree on many points. What is commonly called "banded mail" is not even known to have existed. Contrary to popular opinion, there is no contemporary account of a knight, even in the heaviest of jousting plate, being hoisted into the saddle.

Each of the armour types in the following list has several numerical values. These are as follows:

In all cases, "RF" means "Resistance Factor".

CUT RF A relative indication, called resistance factor (RF), of how well this type of armour stands up to cut attacks.

CHOP RF A relative indication of how resistant this type of armour is to chop attacks.

THRUST RF A relative indication of how resistant this type of armour is to thrust attacks. IMPACT RF A relative indication of how resistant this

type of armour is to impact attacks.

DEX An indication of how much a suit of armour of this type would inhibit movement. The higher the number the slower the character would be due to less flexability, higher mass, etc.

MASS The mass of a suit of armour based on the wearer being 180cm (5'10") tall and 80kg (175lbs) in mass.

The main differences between a cut attack and a chop attack are the sharpness of the weapon and the curvature of the blade.



If you are using a system in which hit location is not needed and one general armour class is, the CHOP RF column may be used.

Thin cloth is equivalent to linen, medium cloth is equivalent to denim, and heavy cloth is equivalent to two or three thicknesses of medium cloth.

Soft leather is equivalent to the outer covering of a modern day leather jacket. Hard leather is approximately equal to five millimeters of leather.

Cuir-bouilli is leather which has been boiled in oil. In this condition it may be molded into the desired shape and then upon drying it becomes very hard.

Quilt armour consists of two layers of cloth between which cotton or some other such material is sandwiched. Padded armour usually consists of a heavy layer of felt from four to eight centimeters thick.

Woven cord armour bears a resemblance to modern macrame.

Ring mail is simply metal rings sewn onto a suitable backing.

Studded armour, sometimes called pourpoint, consists of metal studs fastened to a suitable backing.

Bezainted armour, named because of its resemblance to a type of medieval coin, consists of metal discs secured with studs to a suitable backing.

Jazeraint armour, also known as scale armour, consists of scales of various sizes sewn or riveted onto a suitable backing.

Mail consists of small interlocking rings of metal each of which are individually made and riveted together.

Double mail is a variation of normal mail only the rings are thicker and closer together.

Augmented mail consists of normal mail with strips of leather put through the links.

Bar mail is similar to augmented mail only that small metal bars are put through the links.

Combined mail consists of small plates of metal interspaced with sections of normal mail.

Brigandine armour consists of scales riveted inside a leather garment and then backed by another layer of leather.

Laminated armour consists of metal strips which are overlapped and articulate upon each other.

Lamellar armour, also known as splint armour, consists of a series of splints or scales laced together. The size of the splints depends on the portion of the body it is to cover.

Plate armour consists of large pieces of metal which are either worn over other armour or are attached to one another by a series of straps, lacing, buckles, or screws. Ribbed plate is a variation of normal plate but with many artistic ribs which also serve to deflect blows of weapons. An average suit of plate in the early fifteenth century had a mass of approximately 25 to 30 kilograms (55 to 66 pounds) but a trained person could carry out most activities without undue strain; modern experiments have shown that a man in full plate can run, jump, and lie down and rise without too much trouble. The main disadvantage of this type of armour was not its weight but its stuffiness caused by lack of air and the sweat due to heat or physical exertion.

When considering a suit of armour from the above list it must be remembered that the various values and masses do not reflect the normal practice of wearing padding or other such garments under the armour to prevent chafing and to lessen the impact of blows. Characters in most forms of metallic armour should wear some sort of padding under it. When doing this or when layering different types of armour over one another, simply add all of the values in each category together.



RING MAIL . QUILT











AUGMENT MAIL









ARMOUR TYPE	CUT	CHOP	THRUST	IMPACT	DEX	MASS	
Thin cloth	1	0	0	0	0	1.3kg	- Altrut
Medium cloth	2	0	0	0	0	2.5kg	
Heavy cloth	3	WINE 1	1/1 /11	in na hai	ani 1. Ines	3.7kg	-Minit-
Soft leather	2 1	m rt tist	1.00 03	Sector States	als 1 and to	3.7kg	- showing
Hard leather	3	2	3	Carlo 1. Stebs	muitonet er	5kg	
Cuir-bouilli	5	3	5	1	1	5kg	
Quilt	3	Second .	2	2	and to make	5kg	Heat
Padded	4	and the second	2	3	and I tracked	5kg	make
Woven cord	4	2	3	2	2	5kg	
Heavy cloth ringmail	5	3	3	1	1	7.5kg	
Soft leather ringmail	4	3	3	The second second	and a state of the second	and the second sec	aut.m.
Hard leather ringmail	5	4	5	Contractory Contractory	2		State State
Quilt ringmail	5	3				10kg	10 .601
Studded heavy cloth		1	4	Den 2 yarr and	2	10kg	and other
Studded heavy cloth Studded soft leather	3		1	1	1	6kg	
	3	1	1 77010	10 100981 0	eri 🚹 giai	6kg	
Studded hard leather	4	2	3	1950-1951-1951-16-1981	2	7.5kg	THE SWI
Soft leather bezainted	6	5	3	ENGINE ON ANS	2	7.5kg	(filedu)
Hard leather bezainted		6	5	AL BUILD STRATES	2	10kg	WELVER
Cuir-bouilli bezainted	8	7	7	1	2	10kg	Carolina .
Quilt bezainted	6	5	4 mahr	2	2	10kg	Sec. 1
Hard leather jazeraint	7	6	4	1	2	10kg	
Cuir-bouilli jazeraint	8	7	6	1	2	10kg	
Hard wood jazeraint	6	5	4	and the second second	2	10kg	
Horn/bone jazeraint	8	7	6	All a straight	2	15kg	Orari
Metal jazeraint	9	8	8	topper star	2	ISKg	
Mail	7	6	2	Die Antonio		20kg	
Double mail	9	7	4	ALC: DOWN	1	20kg	
				1980 La cheal ages	2	22kg	
Augmented mail	9	7	5	1	2	22kg	
Bar mail	8	6	3	1	2	20kg	ato-
Combined mail	8	7	5	the 1 store 5	2	22kg	
Hardwood brigandine	6	6	5	2	3	13kg	
Horn/bone brigandine	8	8	7	2	3	15kg	
Metal brigandine	9	9	8	2	3	22kg	
Laminated	9	9	9	1	2	20kg	- asie
Cuir-bouilli lamellar	8	7	7	States Strong	3	10kg	
Hard wood lamellar	6	6	5	of the balls	3		e-seally
Horn/bone lamellar	8	7	7	and the build	3	10kg	
Metal lamellar	9	9	8	Hog Renth Both	3	13kg	188.3M
Plate		11	11	i tran abam		18kg	10 10
	11	12	12	1	2	25kg	
Ribbed plate	12	12		and the second	2	25kg	-
	2			M/185			Doub ga Aire
- ACTES	12						
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TABARD PERIOD 1430-1500



HORSE ARMOUR VALUES METAL PLATES CUT RF 11

9991

CHOP RF	ii
THRUST RT	11
IMPACT RF	1
LAMINATED M	ETAL
THE CRINET	

34 kg

MASS TOTAL

ARMOUR VALUES PLATE OVER PADDING 15 12 13 4 CUT RF CHOP RF THRUST RF

RUOMRA MALL HARY ARE

LAMINATED SECTIONS OVER PADDING (EPAULIERE AND SOLLERET) CUT RF 13

and and and	CHOP RF THRUST RF IMPACT RF MASS TOTAL	10 11 14 30 kg
the stand of the s		

(13)

MAXIMILLIAN ARMOUR 1525-1600



149025-08N

ARMOUR VALUE PLATE OVER PLATE ALL RF AT LEAST 22 MASS 43 kg

SINCE JOUSTING WAS THE MOST DANGEROUS SPORT EUROPEAN KNIGHTS UNDERTOOK, IT WAS NATURAL THAT THE PROTECTIVE ARMOUR WOULD BE EXTREME. THIS SUIT WOULD NOT BE WORN FOR ANY OTHER PURPOSE.

MAXIMILLIAN ARMOUR 1500-1600



THIS ILLUSTRATION IS AN ADAPTATION FROM A SUIT BUILT FOR KING HENRY JUIL THE JOINTS WERE SO WELL FITTED THAT THEY DID NOT PERMIT THE PASSAGE OF A PIN! THE SUIT CONTAINED OVER ZOO SEPARATE PIECES.

- ASTRONAL

MAXIMILLIAN PERIOD











AMERICAN INDIAN



ARMOUR VALUES BONE LAMELLAR OVER SOFT LEATHER

CUT RF CHOP RF THRUST RF IMPACT RF	10002
SOFT LEATHER	1.2

CUT RF	
CHOP RF	
TRUST RF	
IMPACT RF	
	1 1
MASS TOTAL	4

TEBETAN



ARMOUR	VALUES
METAL LAMELLAR	OVER SOFT LEATHER
CVT RF	II
CHOP RF	ID
THRUST RF	9
IMPACT RF	2
MASS TOTAL	21 kg

CHINESE





WEAPONS

INTRODUCTION

Soon after I was introduced to medieval fantasy role-playing games in 1976, I became intensely interested in the history of the Middle Ages. Perhaps the most interesting aspect of the period is the development of armour and weapons. From my various readings it soon became apparent that the majority, in fact all, of the medieval fantasy role-playing games which I had come across were poorly thought out when it came to arms and armour.

In this book I have attempted to give a cross section of weapons from all cultures and geographical areas. Although gamesmasters may choose to limit the total number of selections in their campaigns, a better understanding of weapons should result from using this book. Over five hundred separate weapons are listed; each entry has the following data:

NAME Self explanitory.

TYPE The general group to which this weapon belongs. The groups are Hafted (H), Knives (K), Miscellaneous (M), Pole arms (P), Spears (Sp), and Swords (Sw).

LENGTH The length of the weapon in meters. MASS The mass of the weapon in kilograms.

- DEX A relative indication of how "quick" a weapon is based of balance, mass, etc. The lower this number the better.
- PARRY A relative indication of how easily the weapor can parry other attacks. The higher the number the better.
- ATTACK TYPES Not all weapons were designed for the same purpose. The four basic attack types are cut, chop, thrust, and impact. The main differences between a cut and a chop are the sharpness and curvature of the blade.
- SYMMETRY Being that any weapon may be thrown, this is a relative indication of how effective the arm would be as a missile. The lower the number the better.
- DAMAGE A relative indication of how much damage this weapon would cause to an "average' target.
- OTHER Notes of interest about the weapon, usually the geographical area of origin. A (T) in this column indicates the weapon is primarily used with two hands.

It is up to the gamesmaster to adapt the values for the weapons to his/her own campaign. For example the gamesmaster may choose to evaluate a weapon with a damage rating of one by using a four-sided die, a weapon rated at two with a six-sided die, a rating of three with an eight-sided die, and so on; or s/he may choose to use the damage number as a multiple of four six, or eight-sided dice. A note about the illustrations on all edged weapons, (''''''''), indicates which portion of the blade is sharp.



HAFTED	Aratesetty	mar sales	In Suit	-		Land time a	Sum Dave	
Other	Туре	1	Mass	Dex	Parry		Sym Dam	1.12
ADZE Maori	н	.3m	.6kg	0	1 9	chop	2.2	
ANCUS Indian elephant goad	н	.4m 🖤	.6kg	0	2	thrust/impact	2 2	
AY-BALTA Turkish battle axe	н	.6m	1.6kg	0	2	chop	2 3	
BAGGORO Australian wooded "swo	H ord"	.7m	2.1kg	2	2	Impact	2 3	24
BALESTARIUS Battak axe T	H	.8m	1.8kg	1	2	chop	2 3	A
BALL & CHAIN European	н	.9m	2.0kg	2 @	2	impact	3 2	0:
BALTA Turkish battle axe	н	.5m	1.6kg	0	2	chop	2 3	
BATTLE AXE European	H	.8m	2.1kg	1	2	chop	2 3	2
European T	н	1.4m	2.3kg	1	2	chop	P 2 5	
EC-DE-CORBIN European	н	.6m	1.5kg	0	2	chop/thrust	2 2	
BILIONG Malaysian axe/adze	н	.6m	1.3kg	0	2	chop C	2 2	1
BINNOL Indian flail	н	.8m	1.9kg	1	2	impact	3 3	2
BIPENNIS European	н	.8m	2.8kg	1	2	chop	2 31	1
ISACUTA European pick T	н	1.1m	2.6kg	2	2	chop .	×. 3 3	
Australian club	H	.4m	.3kg	0	1	impact	1 1	1
Polish mace	н	.7m	2.0kg	0	2	impact	1 3	00
BROAD AXE European	н	.6m	2.2kg	1	2	chop	2 3	44
BULAWA Russian mace	н	.6m	1.8kg	0	2	impact	··· 1 3	
Indian war axe T	H	1.0m	2.0kg	1	2	chop	2 3	-
URRONG Australian	н	.5m	.8kg	0	1	Impact	2 2	
AT 'O NINE TAILS European whip	H	.8m	.5kg	0	1	impact	3 1	
tool	H	.25m	1.5kg	0	1	impact	2 1	
CLUB Universal	н	.6m	1.3kg	0	2	impact	2 2	
ROWBILL	H	.6m	1.5kg	0	2	chop	2 3	
European	н	.8m	1.0kg	0	3	impact	2 2	2
UMBER-JUNG Indian quoit-flail	Here H	.8m	1.4kg	1	2	impact ()	3 3	
Arab mace	H H	.6m	1.3kg	0	2 6	impact	1 2	
Mahratta mace	H	.7m	2.0kg	0	3	impact		ena.
OLOIRE European axe	н	.8m	2.1kg	0	2 (chop/thrust	2 3	
European T	н	1.6m	2.5kg	1	2	impact ''	3 3	
FRANCISCA Frankish axe	H	.5m	1.4kg	0	2	chop	1 3	

	Name Other	Туре	Length	Mass I	Dex I	Parry	Attack types	Sym	Dam	
	GADA Timorese club	H	.5m	1.5kg	0	2	impact	1	2	
	GALRAKI Celon axe	н	.5m	1.4kg	0	2	chop	1	2	
	GA-NE-U-GA-O-DUS-HA Iroquois dear horn club	н	.3m	.8kg	0	1	thrust/impact ···	1	2	
	GANJING Java club	H	.5m	1.4kg	0	2	impact	1	2	
	GARGAZ Indian mace	н	.8m	2.0kg	1	3	impact		3	
	GARZ Indian mace	H	.8m	1.5kg	0	2 *	impact	1	2	
	GOUPILLON European flail	н	.5m	2.2kg	2	2	impact	3	3	
	HATCHET	н	.3m	1.4kg	0	1	chop 🙀	2	2 A	
Article Article	HEAD AXE Ingorot T	н	.7m	1.9kg	1	2	chop	1	3	
	HERCULES CLUB European T	н	1.2m	2.5kg	1	2	impact	200	3	
	HOLY WATER SPRINKLER	H morningstar)	.8m	2.3kg	1	2	thrust/impact		3	
	HOOLURGE	н	.7m	1.8kg	1	2	impact	5 ²	2	
	HORSEMAN'S HAMMER European	н	.8m	1.7kg	1	2	impact	1: 2	3	
	IVERAPENA Tupis of Brazil	н	.6m	1.2kg	0	2	impact	D	2	
	I-WATA-JINGA Omaha club	н	.6m	1.3kg	0	2	impact	1 duit o	2	
	JA-DAGNA Omaha club	H	.5m	1.2kg	0	2	impact	100	2	
	JAPURUNGA Melville Island club	н	.7m	1.5kg	0	2	impact	2	s B aceja Reginica	
	JA-WETI Omaha club	H	.5m	1.0kg		2	Impact	1 miles	2	
	KADJO Australian stone axe	н	.6m	1.2kg		2	chop/impact	2	2	
	KAMA Japanese rice sickle	н	.5m	1.0kg	SPE.	2	chop	2	2	
-+	KAPAK Malaysian throwing axe	H	.4m	1.1kg		2	impact	2	neeronal	
	KASRULLAH Tripoli	H	.7m	1.2kg	0	2	impact	2	14 ² 148.01 KG51	
	KEERLI Australian stone axe	Н	.5m	.8kg		2	chop	2	2 80,0 -	
	KHARGA Indian sacrificial axe	H	.8m	1.8kg	1 1	2	chop	3	2	
	KHETEN Egyptian axe T	н	1.2m	2.5kg		2	chop	17 2	3 and and a	
A. W.	KODELLY Sinhalese axe	н	.8m	1.6kg	0	2	chop	7.2	2	
	KOTIATE Maori club	H	.4m	1.2kg	0	1	impact	2	2	
	KUJERONG Australian club	н	.4m	1.1kg	0	2	impact	1	Marine .	
	LEONILE Australian club	н	.4m	.8kg	0	2	impact	1	Stino.soo	
	LIL-LIL Australian club	H	.7m	.8kg	0	2	impact V	1	1.50.00	
	LISAN Egyptian club	H	.7m	1.3kg	0	2	impact	2	2	
0							State of the second second	4		

	Aurilia	in the second			-		and and		
Name Other	Туре	Length	Mass	Dex	Parry	y Attack types S	Sym	Dam	
LOHANGI Indian mace T	н	1.3m	2.0kg	1	2	impact	2	3	
LOHAR	н	.4m	1.7kg	0	2	impact	2	3	
Khyber pick	in the second				-	CHUEFERERE	-	RIELH.	
MABOBO Australian club T	н	1.1m	1.4kg	0	2	impact -	2	2	
MACANA	н	.6m	.7kg	0	2	impact	1	2	
South American club						STREET STREET			
MACE Numerous countries	н	.7m	2.0kg	0	2	impact	2	3	
MACE & CHAIN	н	.9m	2.0kg	1	2	impact	3	3	
European MAQUAHUILT	н	.8m	1.5kg	0	3	impact	2	3	
Aztec obsidian edjed clu									
MARTEL DE FER European	н	.8m	2.0kg	1	2	impact A	2	3	
MASAKARI	н	.8m	1.9kg	1	2	chop had	2	3 1	1
Japanese battle axe			0.05.1			C			5
MASSUELLE European	н	.5m	1.5kg	0	2	Impact	2	2	
MATTINA	н	.7m	1.4kg	1	2	Impact	2	2	
Australian club	COMP2					Constant of the second se		3 1	
MATTOCK tool T	н	.8m	2.2kg	2	2	chop	2		
MAUL tool T	н	1.1m	4.0kg	3	2	Impact	2	3	
MAZULE	н	.7m	1.9kg	0	2	impact	2	3	
European	ineres a		Constanting of the					2	
MEERI Australian	н	.8m	1.6kg	1	2	impact	2	-	
MERAI Jade Maori club	H	.6m	1.0kg	0	1	impact	1	2	
MUGDAR	н	.7m	6.3kg	3	2	Impact	3	4	
Lead weighted Indian clu		S PART IN	in the					AND AD	
MURAGUGNA Melville Island club	н	.7m	1.3kg	1	2	Impact	2	2	
NIL-LI	н	.6m	1.3kg	1	2	thrust/impact	2	2	
Australian club		5.0	2111				-	BARAR	inc.
ONCIN European pick T	н	1.0m	1.8kg	1	2	impact	3	3	
PACHO South Pacific shark toot	H	.6m	.8kg	0	1	cut /	2	2	130
		6 0	1.4kg		2	impact	2	2	
PAGAYA Brazilian club	H	.om	1.4Kg	-	-	- Carlo	-	1. S.	
PAHU New Zeeland club	н	.6m	1.3kg	0	2	impact	1	2	
PAREH	н	.5m	1.3kg	1	2	impact	2	2	
Australian stone axe		100	-		5				
PATU Maori club	н	.5m	1.0kg	0	1	impact	1	2	
PERIPERIU	н	1.5m	2.1kg	2	2	impact	3	3	01
Australian club T		1.1	States and the			THE REAL PROPERTY AND A DESCRIPTION OF A			
PERNAT Russian mace	н	.8m	2.0kg	1	2	impact	2	3	
PLOMBEE	H	.7m	2.4kg	2	2	impact	2	3	
European lead weighted		.6m	1.4kg	0	1	impact	1	2	
POTU Gulanian club	H	.om	1.489	0	5			DOML N	
PURIJIMALA Australian club	н	.6m	1.2kg	0	1	impact	1	2	
QUADRELLE	н	.5m	1.5kg	0	2	Impact	2	2	
European	a a series of a	1	521	1	1		Terin.	YU	

Name Other	Туре	Length	Mass	Dex	Parry	Attack types	Sym	Dam
RANG-KWAN Australian club T	H	1.8m	1.9kg	2	2	thrust/impact	3	3
SABAR Indian axe T	н	.8m	1.8kg	1	2	chop	2	3
SAPAKANA Guianian club	н	.6m	1.4kg	1	2	impact	2	2:0:
SCHESTOPJOR Russian mace	н	.7m	1.7kg	0	2	impact	2	3
SHASHDAR Indian mace	н	.8m	2.0kg	0	3	impact	3	3
SHOKA African axe	н	.8m	1.5kg	0	1	Impact	2	2
SILEPE Basuto axe	н	.6m	1.4kg	0	2	chop	: 2	2
SIWALAPA Sumatran club	н	.6m	1.4kg	0	1	impact	1	2
SLUNG SHOT European "blackjack"	н	.25m	1.2kg	0	1	impaot	1	2
SPARTE	н	.8m	1.7kg	1	2	chop	2	3
Anglo-Saxon battle axe SUAN-TOU-FUNG	н	.6m	1.8kg	1	1	impact	2 2	3
Chinese		-	1.4km	0	2	chop	2	3
TAAVISH Tlinket stone axe	н	.5m	1.4kg	U	-			
TABAR Indian battle axe	н	.7m	2.0kg	1	2	chop	2	3
TABAR-I-ZIN Afgan two-handed axe T	н	.9m	1.8kg	1	2	chop	2	3
TAMBARA Australian club	н	.7m	1.2kg	0	2	Impact ''''	2	2
TAPER AXE European	н	.5m	1.6kg	1	2	chop	2	3
TEBUTJE South Pacific shark tooth	H	.9m	1.2kg	0	2		2	2
TEWHA-TEWHA New Zeeland club	н	1.1m	1.3kg	0	1	thrust/impact	7 1	2
TINDIL Australian club	н	.9m	1.4kg	1	2	thrust/impact	2	2
TOKI KAKAUROA Maori axe	н	.9m	1.8kg	0	2	chop	1	2
TOKI POTO Maori axe	н	.3m	1.5kg	1	2	chop	1	2
TOMAHAWK	н	.4m	1.5kg	0	2	chop	3.	2
North American Indian as	H	.5m	1.6kg	1	2	chop	1	2
Iron Indian throwing axe		2.12	Quel 3				: 2	3
TOPOROK Russian battle axe	н	.7m	1.8kg		2	impact 7	-	
TRUNCHEON European club	н	.5m	1.2kg	0	1	Impact '	1	2
TSCHEKAN Russian war hammer	н	.7m	2.1kg	1	2	impact	2	3
TUAGH-GATHA Scotch battle axe	н	.7m	1.7kg	1	2	chop 1	2	3
TUNGI Khond axe	н	.4m	1.4kg	1	2	chop	2	3
UDLIMAU Point Barrow adze	н	.6m	1.4kg	1	2	chop	1.2	3
VENMUROO Malabar battle axe	н	.8m	1.9kg	1	2	chop	2	3/
VEECHAROVAL Indian scythe weapon	н	.9m	1.8kg	0		chop/thrust	2	3
WADDY	н	.6m	1.3kg	0	1.1	thrust/impact	12	2

	Name	Туре		Length	Mass	Dex	Par	ry Attack types		Sym	Dar
	Other WAHAIKA	н		.4m	1.4kg	0	1	impact		1	2
	Maori club	a the			the state				2	CONTROL OF	-
	WAIRBI Australian women's club	н		.8m	1.4kg	0	2	impact		2	2
	WAKERTI Australian club	н		1.0m	1.4kg	1	2	impact		2	2
	WAR HAMMER Numerous countries	н		.7m	2.1kg	1	2	impact	•	2	3
	WEERBA Australian club	н		.8m	2.1kg	2	2	Impact	7	2	3
	WIRKA Australian club	н		.6m	1.1kg	0	2	Impact	71000	2	1
- AA	WOODSMAN'S AXE	H		.8m	1.9kg	1	2	chop		2	3
-	YEAMBERREN Australian club	н		.7m	1.5kg	1	2	impact	21	1	2
1	ZAGHNAL Indian beak axe T	н		.8m	2.0kg	1	2	chop		2	3
	(NIVES ACINACES	к		-				(I			
	Persian			.25m	.4kg	0	1	thrust		and and a second	1
-	AIKUCHI Japanese	ĸ		.25m	.4kg	0	1	thrust	and C.A.C.A	1	1
1	BADE-BADE Malaysian	ĸ		.25m	.4kg	0	1	cut/thrus	ANATADA	1	1
	BADIK Javan	ĸ		.3m	.4kg	0	1	cut/thrust	Notice of	2	1
1	BANK Mahratta	ĸ		.25m	.4kg	0	1	cut 🗭	5	2	1
	North Borneo	ĸ		.4m	.5kg	0	1	cut/thrust		and a	2
	Congo	ĸ		.4m	.4kg	0	1	cut/thrust	and the second se	RAN NUS	2
E	BATARDEAU European, carried in pock	K tet on s	word	.3m scabbard.	.4kg	0	1	thrust	-	-	1
E	Borneo	ĸ		.4m	.5kg	0	1	cut/thrust		eki.	2
E	BELADAU Sumatran	ĸ		.4kg		0	1	cut/thrust	-	TAL	1
E	SHUJ India	к		.5m	.8kg	1	1	chop/thrus		ET A.H	2
	BICHAQ Turkey	к		.3m	.4kg	0	1	cut/thrust		TA	1
E	BICH'HWA	к		.25m	.4kg	0	1	cut/thrust	2	Porch	1
8	IODKIN European	ĸ	0	.25m	.4kg	0	1	thrust	(Call		1
8	IOLO Philippine	к		.4m	.5kg	0	1	chop	ALMAN TA		1
B	UNDI KATARI	к		.5m	.5kg	0	1	cut/thrust			2
8	Vizianagram	к		.3m	.4kg	0	1	thrust			1
	tool UYO KNIFE Malaysia	к	0	.4m	.4kg	0	1	cut/thrust			1
c	HAQU	к		.2m	.3kg	0	1	thrust	-	SID	1
c	Persian folding knife HILANUM Mahratta	к		.4m	.4kg	0	1	cut/thrust	ANAT NO 1	NON.	1
0	HOORA	к		.25m	.3kg	0	1	thrust			1
	Khyber	1		-					40 (82)14	24	
	HOPPER	к		.4m	.6kg	0	1	chop			2

	Name	Туре	Length	Mass	Dex	Parry	Attack types	Sym	Dam
	Other CINQUEDEA	ĸ	.5m	.7kg	0	2	cut/thrust	1	
	European			ing		10			2
	CUCHILLO Spanish folding throwing	K knife	.25m	.3kg	0	1	thrust	1.	1
	DEGAN Cymbrian	к	.25m	.4kg	0	1	cut/thrust	1	1
+	DHAW Burmese	к	.2m	.3kg	0	1	thrust		1
	DIRK Scottish	ĸ	.25m	.4kg	0	1	thrust	1	1
	ESTRADOIT	к	.3m	.4kg	0	1."	thrust	1	1
	GOLOK Malaysia	ĸ	.4m	.6kg	0	1	chop/thrust	1	2
×	HALADIE Rajput double dagger	ĸ	.55m	.6kg	1	1	cut/thrust	1	1
	HALASAN	ĸ	.25m	.3kg	0	1	thrust	1	1
×	Atjeh HAMIDASHI	K	.4m	.4kg	0	1	cut/thrust	1	2
-	Japanese HEYAZASHI	ĸ	.3m	.4kg	0				
	Japanese HIMOGATANA		10 m		K		thrust	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1
	Japanese	ĸ	.25m	.3kg	0	1	thrust	134	1
	HORN DAGGER Indian buffalo horn dagger	Krop	.25m	.3kg	0	1 -	thrust	2	1
	JAMBIYA Arab	ĸ	.3m	.3kg	0	1	cut/thrust	1.11	1
	JAMDHAR KATARI Kafir	ĸ	.4m	.5kg	0	2	thrust	1.04	1
	KARAMBIT Sumatran	K	.25m	.4kg	0	1	thrust	2	1
-	KARD Persian	K	.3m	.3kg	0	1	thrust	1	1
	KAROULA	K ()	.4m	.4kg	0	1	cut/thrust	1	1
	KATAR	к	.4m	.5kg	1	1	thrust	2	2
	KATAR BANK	к	.4m	.5kg	0	1	cut/thrust	1	1
	KATAR DORLICANEH	к	.4m	.5kg	1	1	thrust	2	2
	KHANJAR	K	.3m	.3kg	0	1	cut/thrust	genne" Genten	,
	Arab KHANJARLI Hindu	ĸ	.3m	.3kg	0	1	cut/thrust	2	
	KHYBER KNIFE	к	.4m	.4kg	0	1	chop/thrust	1	
	Khyber KIDNEY DAGGER	ĸ	.3m	.3kg	0		thrust	19001819	
10	European	к			1	-		and the second	1
	Caucasus		.5m	.5kg	0	'	chop/thrust	No.	2
	Australian stone knife	ĸ	.25m	.3kg	0	1	thrust	2	1
1	KORAMBI Sumatran	K	.25m	.3kg	0	1	thrust	2	1
	KOSHIGATANA Japanese	К	.2m	.3kg	0	1	thrust	1	1
1	KOZUKA Japanese, carried in pocket	K on sword	.2m scabbard	.3kg	0	1	thrust	110	1
	CUBIKIRI Japanese	ĸ	.4m	.4kg	0	1 1	cut/thrust	1	1

									Trance	
	Name Other	Туре	1	Length	Mass I	Dex	Parry	Attack types	Sym	Dan
	KUDI Malaysia	ĸ		.5m	.5kg	0	1	chop/thrust	1	2
	KUDI TRANCHANG	ĸ	1.15	.5m	.5kg	1	1	chop/thrust	1	2
	KUJUNGI Malaysia	ĸ		.3m	.4kg	0	1	chop	1	1
	KUKRI	ĸ		.5m	.6kg	0	1	chop/thrust	1	2
	National knife of the Gurk KWAIKEN	K		.2m	.25kg	0	1	thrust	1	1
	Japanese	к		.4m	.4kg	0	1	thrust	1	1
	Toradjan			.4m	.3kg	0	1	thrust	1	1
	LADING Sumatran	к			1			200		
	MAIN GAUCHE European	к	1 12	.5m	.5kg	1	2	thrust	2	1
	MANDAYA KNIFE Philippines	к	1.00	.25m	.4kg	0	1	thrust	and in	1
	MATTUCASHLASS Scottish	к	1.11	.25m	.25kg	0	1	thrust	1	1
	MAUSHTIKA , India	к		.3m	.3kg	0	1	thrust	1	1
	MISERCORDE	к	398W	.4m	.3kg	0	1	thrust	1	1
	MIT Slamese	к		.25m	.25kg	0	1	thrust	1	1
	MOPLAH	к	1	.5m	.5kg	1	.1	chop	1	2
	PAHUA	ĸ	1. T	.6m	.4kg	0	1	thrust	1	1
	Wooden dagger of the Sa PALITAI	K	h Islands	.4m	.4kg	0	1	cut/thrust	1	1
	Mentawi PANABAS	ĸ		.6m	.5kg		1	chop	1	2
	Moro [®] jungle knife							With the		in a
	PARA-I-TUTTI Mogul	ĸ	12	.4m	.4kg	0	1	cut/thrust	100	1
	PARANG GINAH Malaysian	ĸ	T a	.6m	.7kg	1	1	chop	1	2
	PARANG LATOK Dyak jungle knife	ĸ		.7m	.7kg	1	1	chop	2	2
	PARAZONIUM Greek/Roman	к		.5m	.5kg	0	2	cut/thrust	U 14	2
	PAVADE	к	1.2	.4m	.4kg	0	1	thrust	1	1
	PESH-KABZ Persia	к	46	.3m	.3kg	0	1	thrust	1	1
	PHURBU Tibètan exorcising knife	ĸ		.25m	.25kg	0	1	thrust	2	1
	PICHANGATTI	к	14 0	.23m	.4kg	0	1	chop/thrust	1	-
	PIHA-KAETTA	к	9 s 1	.3m	.4kg	0	1	cut/thrust	1	1
	PISO RAUT	ĸ		.4m	.4kg	0	1	thrust	-	,
	Malaysian PISO TONKENG	ĸ	1- 1.2	.3m	.3kg	1	1	chop	2	1
Case	Dyak	ĸ	A STATE	.3m	.3kg	0	1	thrust	1	1
	European			1	end P				1	
	POKWE Central Africa	ĸ		.3m	.4kg	0	1	cut/thrust		
	PUGIO Roman	ĸ	126 A	.3m	.3kg	0	1	thrust	1	1

Name Maria	Туре	Length	Mass	Dex	Parry	Attack types	6 m m
Other OAMA	Des.	1 2 100				and the second second	Sym Dam
National weapon of Geor	rgia	.3m	.4kg	0	1	chop/thrust	-11
RAUT Battak	к	.3m	.3kg	0	1	thrust	1 1
RENTJANG Atjeh	к	.4m	.4kg	0	1	thrust	2 1
ROUNDEL DAGGER European	ĸ	.3m	.3kg	0	1	8 thrust	1.1
SABIT Sumatran	к	.25m	.3kg	0	1	cut	2 1
SADOEP Borneo	к	.3m	.4kg	0	1	thrust	1 1
SAFFDARA	к	.3m	.4kg	0	1	thrust	. A Barrent
X SAKIN Sumatran	ĸ	.4m	.3kg	0	1	thrust	in the second
SCRAMASAX Frankish	к	.3m	.4kg	0	1	chop/thrust	1.1
SEKIN Sumatran	к	.3m	.3kg	0	1	cut/thrust	2 1
SEWAR Sumatran	к	.4m	.4kg	0	1	thrust	· · · · · · · · · · · · · · · · · · ·
SGAIN DUBH Scottish stocking knife	к	.25m	.25kg	0	1	thrust	1
SKAIN	к	.25m	.3kg	0	1	thrust	1 1
STILETTO European	к	.3m	.3kg	0	1	thrust	1
TADJI Balinese	ĸ	.4m	.4kg	0	1 1000	thrust	2 1
TANTO Japanese	ĸ	.3m	.3kg	0	1	cut/thrust	1.erg_11
TELEK Tuareg	ĸ	.35m	.4kg	0	1	thrust	different for status analy
TJALUK Malaysia	ĸ	.25m	.3kg	1	1	cut -	2 1
TODO Ceramese	ĸ	.4m	.4kg	0	1	chop	1 2
TOLAKI Toradjan	ĸ	.4m	.5kg	0	1	chop/thrust	100/24 Month 200
TOMBAK LADA Sumatran	к	.3m	.4kg	0	1	thrust	server the server of the serve
X Japanese	ĸ	15m	.2kg	0	1	thrust	100019
TUBA Moro	к	.3m	.4kg	0	1	chop/thrust	the state
VINCHU >> Mahratta	к	.3m	.4kg	0	'	chop/thrust	dan beladit
WEDONG Java	ĸ	.3m	.4kg	0	1	chop/thrust	Trees.
ZIRAH BOUK Persia MISCELLANEOUS	к	.3m	.4kg	0	1	thrust -	and a second
ACLYS Roman throwing stick	M	.3m	.3kg	0 1		impact	1.1
ADARGA Moorish	м	1.1m 1	.9kg	2 4		thrust	3 2
AHLSPIESS European T	M	1.5m 1		1 3		thrust	1 2
ARBIR Malaysian sword staff T	M	1.8m 2	.2kg	1 2		chop/thrust	.W.1 3
ARIT Malaysia	M	.4m	.3kg	1		chop	2 che live

Name T Other	ype	Length	Mass	Dex	Parry	Attack types	Sym	Dam
BAGH NAKH Indian "tiger claws"	м	.1m	.05kg	0	0	cut fmf	2	ANDRAD
BISENTO	M	2.1m	2.2kg	1	2	cut/thrust	1:2	3 FIRLIAN
BO Japanese staff T	M	2.8m	1.4kg	1	2	Impact	2	2
BOKKEN Japanese wooden practice s	M	1.0m	.8kg	0	2	thrust/impact	2	2
BOLAS × South American/Eskimo enta	M nolement	1.0m weapon	1.0kg	2	10	impact	31	1 consets
BOOMERANG Numerous countries	м	.6m	.4kg	0	1	impact	1	Timming .
BRANDESTOC European axe with conceiler		1.2/2.2m	1.9kg	1	2	chop/thrust	2	3
BULLWHIP	м	2.5m	1.4kg	2	2	impact	3	2
CESTUS Roman "boxing gloves"	M	Om	1.5kg	0	1	impact	-	unitaria
CHAKRAM Indian throwing disc	м	.3mDia	.15kg	0	0	impact	1	1
CHEMETI Malaysian whip	м	1.2m	1.2kg	1	2	impact	3	and there
CHIJIRIKI Japanese chain weapon T	м	3.5m	2.5kg	2	2	impact	•3	2
Sapariese chain weapon i								
DOWAK Australian throwing stick	м	.4m	.3kg	0	1	Impact	1	Inc.4MAR
FAKIR'S HORNS	м	.4m	.5kg	0	1	thrust	3	1 Semanticute
FEATHER STAFF European staff with concelle		1.0/1.6m T	1.0kg	0	2	thrust	1-5	2
FLAGELLUM Roman whip	M	.7m	.3kg	0	1	impact	3	.5
FRY PAN	M	,4m	2.3kg	2	1	Impact	3	2 Calledonts
FANG	м	.7m	1.5kg	0	2	thrust/impact	2	2
FUSCINA Trident of the Roman gladi	M ators T	1.8m	2.1kg	1	2	thrust	1	300
GUNSEN Japanese war fan	м	.3m	.5kg	0	2	impact	1	
HACHIWARA	M	.3m	1.1kg	0	2	Impact	1	2
Alk PIN	M	.15m	.01kg	0	0	thrust		TALTOHALS
tool		2.0m	1.0kg	0	2	impact	1	Linese inter pair
New Zeeland staff T		CIA	ar			13-14-14-14-14-14-14-14-14-14-14-14-14-14-		-
HOE tool T	м	1.3m	1.4kg	1	2	Impact	3	2 million
HOEROA Maoris whale bone club T	M	1.2m	1.0kg	1	2	Impact	3	2
HORA Indian knuckle duster	м	,1m	.05kg	0	0	impact	2	atomet.
HUI-THO Malaysian bladed rope T	M	1.7m	.8kg	2	2	cut	3	2
HUNGA-MUNGA African throwing knife	M	.6m	1.2kg	1	2	chop	1	2
ICE PICK tool	м	.2m	.1kg	0	0	thrust	1	1
JITTE Japanese parrying weapon	м	.5m	1.4kg	0	3	Impact	2	2

Name Other	Туре	Lengti	Mass	Dex	Parry	Attack types	Syr	n Dam
KAMCHA Turkish whip	м	1.2m	1.3kg	1	2	Cut	Televice a	
KAUAH New Hebrides throwin	M	.4m	.8kg	0	2	impact	100 A	7
KAU SIN KE	M	1.1m	.6kg	2	2			
Chinese whipping cha KAWANAGA	the strategies	\$	-	*	Quantum	Impact	3	
Japanese grapple	M	5.0m	3.0kg	2	2	impact	2	1
KERRIE Throwing stick of the	M Kaffirs of Af	.5m	.9kg	1	2	impact	2001	2
KHATRAMKHA Tibetian trident T	M	1.5m	1.9kg	1	2	thrust	- 1	3
KIAM BOKIAM Malaysian parrying stic	M	.6m	.9kg	0	3	thrust/impact	÷ 3	
KIRASOO Indian throwing stick	M	.9m	.4kg	1	2	impact	2	1 1
KISERU Iron Japanese smoking	M	.8m	1.5kg	0	2	impact	2	2
KNUCKLE DUSTER Brass knuckles	м	.1m	1.4kg	0	1	impact	9	1
KONGO-ZUE Japanese staff T	M	1.8m	1.7kg	1	2	and the second s	2	2
KONNUNG Australia stabbing stick	м	.8m	7kg	1	2	thrust	2	-
KUMADE Japanese pole grapple	M	1.6m		0	2	Impact	> 2	2
KUNNIN	M	.7m	.5kg	0	2	impact	Part Andrew Coll.	All of Maria
Australian throwing stic KUSARIGAMA Japanese chain weapon		2.2m	1.5kg	2 :	•	impact		ellani e sitemen
KYOKETSU-SHOGI	M	2.5m	1.4kg	2 2		chop/thrust	3	2
LAJATANG Malaysian bladed staff	т @	1.4m	2.3kg	-		. cut/chop		3
LARIAT lasso T	Munit	2.0m	.8kg 2	1))	3	
and I have been	5		_		1	: special	~	· 7
and the minutes	and the second	anageres				1	-	Addoes) Traded
LEER-PA	м	1.3m 3	.2kg 2	2		cut/impact	2	andre al
Vulcan bladed staff T	Toregoni -	1 6 4	111	-	C	Januar		-
Malaysian fiail T	teureu	.6m	.8kg 1	2		impact	3	1.6.
MADU Indian partying weapon	M	1.6m 2	.8kg 1	3	6	thrust	3	1
MAGARI YARI Japanese trident T	M	2.8m 2	.1kg 1	2	60	thrust	1	2 1:
MANDEHI LIGUJE Omaha "coup stick" T	M	2.1m 1	.8kg 0	2	-	thrust/impact	1	2
MANRIKI-GUSARI Japanese chain weapon	M	1.7m 1	.1kg 2	2		Impact	3	1 NORTON
MEAT CLEAVER	M	.3m 1.	.3kg 1	1		chop	2	2
MONGWANGA African throwing knife	M	.7m 1.	2kg 1	2	1	chop "	-	3 mail
NABOOT Egyptian quarterstaff T	M	1.6m 1.	4kg 0	20	1	impact	2	2
NAGEGAMA	M	3.0m 2.					-	tion sea
Japanese chain weapon		9.0m 2.	Okg 2	2	-	Impact	2	2
NAGINATA Japanese bladed staff T	м	2.2m 2.	2kg 1	2		cut/thrust	2 1	3

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	Name Other	Туре	Length	Mass	Dex	Parry	Attack types	Sym	Dam
	NOVACULA Cypriot sickle	м	.2m	.5kg	0	1	cut	2	1
×	NUNCHAKU Okinawan cereal beater T	м	.8m	1.0kg	1	2	impact	3	2
	PAKU Malaysian throwing rod	м	.03m	.01kg	0	0	thrust	1	1,000
	PENDJEPIT Malaysian pincers	м	.1m	.1kg	0	1	special	2	1
	PETJUT Malaysian whip	м	.7m	1.0kg	1	2	impact	3	2
×	PIAU Chinese throwing weapon	м	.1m	.1kg	0	0	thrust	1	1
	PITCH FORK	м	1.4m	1.4kg	1	2	thrust	2	2
	POUWHENUA Maori T	м	1.2m	.8kg	0	1	thrust/impact	2	1
	PRY BAR	. м	.7m	1.3kg	1	2	Impact	2	2
	QUARTERSTAFF European T	м	1.8m	1.5kg	0	2	impact	2	2
	QUIRRIANG-AN-WUN Australian throwing stick	м	.9m	.3kg	0	1	Impact	1	1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	RANTE Malaysian whipping chain	т	2.0m	.7kg	2	2	Impact	2	1
	ROLLING PIN	м	.4m	.7kg	1	1	impact	1	1
	RUNGU African club	м	.7m	1.4kg	1	2	thrust/impact	1	2
	SAI Okinawan parrying weapor	м	.6m	1.3kg	0	3	thrust	2	2
	SAINTIE Indian parrying weapon	м	.7m	1.8kg	1	3	thrust	1	2
	SANG KAUW Chinese parrying weapon	т	1.0m	1.8kg	1	4	chop/thrust	3	3
~	SA TJAT KOEN Malaysian flail T	м	1.6m	1.4kg	2	2	impact	3	1
	SEGU Malaysian parrying club	м	.5m	1.3kg	0	2	impact	2	2
	SHEARS	м	.25m	.3kg	0	1	thrust	2	1
	SHAKUJO Japanese staff T	м	1.2m	1.3kg	0	2	impact	2	2
×	SHAKUJO YARI Japanese staff with conce	M biled blade	1.4/1.6m	1.6kg	0	2	thrust	1	2
×	SHINOBI-ZUE Japanese staff with conce	M ailed blade	1.2/1.5m	1.6kg	0	2	thrust	1	2
~			and a second			-	10		
×	Japanese iron cestus with	M spiked p	.1m	1.8kg	0	2	impact	3	2
×	SHURIKEN Japanese throwing knife of	M or star	.054m	.1kg	0	0	thrust	1	1 di
	Iron Indian throwing club	м	.5m	.7kg	0	1	impact	1	2
×	SJANG SUTAI Malaysian sword staff T	м	1.7m	2.0kg	1	3	cut/thrust	2	3
	SOPOK Bornean blowpipe spear	м	1.2m	.5kg	0	1	thrust	1	1
	SPADE tool T	м	1.3m	1.8kg	1	2	Impact	2	2
1	TAU-KIEU Chinese	м	.9m	1.6kg	1	3	Impact	2	3
	TETSUBO Japanese iron shod staff	м	1.9km	2.9kg	2	2	impact	2	3

Name Other	Туре	Lengt	h Mass	Dex	Parry	Attack types	Sym	Dam
TIGLVN Ivory Eskimo club	м	.25m	.3kg	0	1	thrust/impact	1	1
TJABANG Malaysian parrying weapo	M	.5m	1.1kg	0	3	thrust/impact	2	2
TONFA Okinawan rice husking ro	M	.6m	1.0kg	1	3	impact	2	2
TOYA Malaysian bamboo staff 7	м	1.8m	1.2kg	0	2	impact	1	2
TOYAK Malaysian sword staff T	м	1.8m	1.9kg	1	2	chop	2	3
UCHI-NE Japanese throwing dart	м	.3m	1.2kg	0	1	thrust		2
ULAS Fiji throwing club	M	.4m	1.4kg	0	1	impact	1	2
U'U Marquesan war club T	м	1.3m	1.6kg	0	2	Impact	1	2
YORIBO Japanese staff T	м	1.8m	2.0kg	0	2	Impact	30 2	2
POLE ARMS AWL-PIKE	P	3.2m	2.7kg	1	2		198	
European T BEAKED AXE	P	2.3m	2.9kg	1	2	thrust chop/thrust	2	3
European T BERDICHE	P	- and -						3
European T	1	c	3.1kg	-	3	chop/thrust	2	32
BILL European T	Р	2.2 m	2.9kg	1	3	chop/thrust	2	3
BOHEMIAN EAR SPOON European T	P	2.7m	2.6kg	1	3	thrust	1	3
CATCH POLE European/Malaysian T	Р	2.6m	2.5kg	1	2	thrust	2	2
CHAUVES SOURIS European T	P	2.5m	2.5kg	1	3	thrust	1	3 0
COUTEAU DE BRECHE	P	2.1m	2.6kg	1	3	chop/thrust	AF	3
CROC European T	P	2.0m	2.7kg	1	3	chop/thrust	2	3
FALCASTRA European T	P	2.0m	2.6kg	1	2	chop	3	3
FALX European T	P	2.6m	2.6kg	1	2	chop	2	3
FAUCHARD European T	P	2.1m	2.9kg	1	3	chop/thrust	2	3
GLAIVE European T	P	2.3m	2.9kg	1	3	chop/thrust	2	3
GODENDAG Fiemish T	P	2.0m	2.3kg	1	3	chop/thrust	2	3
GUISARME European T	P	2.5m	2.6kg	1	3	chop/thrust	3	3
HALBERD European T	P	2.2m	2.8kg	1	3	chop/thrust	3	· 3 · · ·
HALF MOON European T	P	2.5m	2.4kg	1	2	thrust		2
HIPPE European T	P	2.3m	2.8kg	1	3	chop/thrust	3	30%:
HWA-KEK Malaysia T	Ρ	1.9m	2.4kg	1	2	chop/thrust	2	3
JEDBURG AXE	P	2.7m	3.0kg		3	chop/thrust	3	3

						(aprile and a	and control of
Name Other	Туре	Length	Mass D	ex	Parry	Attack types	Sym Dam
KORSEKE European T	P	2.1m	2.4kg	1	3	thrust	2 3
KUNJUKDAN	P	2.2m	2.7kg	1	3	chop/thrust	3 33
India T LANGUE DE BOEUF European T	P	2.0m	2.2kg	1	2	thrust	
LOCHABER AXE European T	P	2.1m	2.4kg	1	3	chop	مر منظور المراج
LUCERNE HAMMER	Р	2.9m	2.4kg	1	3	chop/thrust	3 1 3
MILITARY FORK	P	2.1m	2.2kg	1	3	thrust	= 2 ⁿ 3
O-NO Japanese pole axe T	P	1.8m	2.5kg	1	3	chop	3 3
PARTIZAN European	P	1.8m	2.2kg	1	2	thrust	2 2
PIKE European	P	5.5m	3.5kg	3	2	thrust	2 2
	Itte						······································
POLE AXE European T	P	2.1m	2.4kg	1	2	chop	E 3 3
RUNKA European T	P	2.3m	2.6kg	1	3	thrust C.	2 3
SABRE HALBERD European T	P	2.4m	3.1kg	2	2	chop/thrust	3 3
SARISSA Greek pike T	P	6.0m	3.4kg	3	2	thrust ?	2 2
SCALING FORK Military fork with hooks	P T attached	2.0m	2.3kg	1	3	thrust	- 3 3
SCORPION European T	P	2.3m	2.7kg	1	3	chop/thrust	2 3 3
SCYTHE European T	P	2.4m	2.4kg	1	2	chop/thrust	2 3
SODE GARAMI Japanese "sleeve tangle	r" T	2.0m	2.2kg	1	2	thrust/Impact	2 2
SPETUM European T	P	2.3m	2.3kg	1	3	thrust	27.3
SPONTOON European T	Р	1.6m	2.4kg	1	3	thrust	
SUDIS European T	P	5.0m	2.8kg	3	2	thrust	112 3
TARU Egyptian pike T	P	4.5m	2.8kg	3	2	thrust	2 2
VOULGE European T	P	2.1m	2.4kg	1	3	chop/thrust	
SPEARS ANGON	Sp	1.5m	2.0kg	0	2	thrust '	
Frankish T ASSEGAI	Sp	1.4m	1.8kg	0	2	thrust	1 2
South Africa T		3.2m	3.0kg	-	2	thrust	
AUNURGITH Melville Islands T	Sp	3.2m	2.1kg			thrust	POOLINE DADATED
BALLAM Mysore T	Sp					thrust	>
BANDANG Java T	Sp	1.4m	1.8kg				1 3
BARCHI Mahratta T	Sp	3.0m	2.6kg	2	2	thrust	Reduce Law

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Name Other	Туре	Length	mass	Dex	Parry	Attack types	Sym	Dam
BHALA Mahratta T	Sp	2.4m	2.2kg	1	2	thrust	1	2
BILARI Australia T	Sp	1.2m	1.1kg	0'	2	thrust	1	2
BOAR SPEAR European T	Sp	1.5m	2.0kg	0	2	thrust	!	2
BUDIAK Moro T	Sp	1.6m	2.0kg	0	2	thrust		2
CHIMBANE Tookrooris T	Sp	1.7m	2.0kg	0	2	thrust		3
CONTUS Wooden Roman cava	sp airy lance T	2.3m	2.1kg	1	2	thrust	1	2
DO-WAR Australia T	Sp	1.7m	1.2kg	0	2	thrust	e	2
DUNG Iron shod Tibetan s	pear T Sp	2.7m	3.2kg	2	3	thrust	1	3
ENHERO Malaysia T	Sp	2.4m	1.6kg	0	2	thrust	1,	2
FAL-FEG Ingorot T	Sp	1.7m	2.0kg	0	2	thrust	1	-
FRAMEA Frankish lance T	Sp	1.8m	2.1kg	0	2	thrust	1	2
GARVO India T	Sp	1.9m	1.6kg	0	2	thrust	1	2
GOLO Bongo T	Sp	1.8m	1.4kg	0	2	thrust	1	2
GRANGGANG Java T	Sp	1.5m	1.1kg	0	2	thrust		2
HAK Malaysia T	Sp	1.7m	1.4kg	0	2	thrust	1	2
HARPOON European T	Sp	2.1m	1.9kg	0	2	thrust	····	2 .
HINYUAN Nicobar T	Sp	1.7m	1.2kg	0	2	thrust	1	3
HOKO Japanese T	Sp	1.8m	2.0kg	0	3	thrust	, 1	2
HUATA Maoris T	Sp	1.5m	1.0kg	0	2	thrust E-	?	2
RPULL Melville Islands T	Sp	1.7m	1.4kg	0	2	thrust	1	2
ACULUM Roman Javelin T	Sp	1.9m	1.1kg	0	2	thrust	1	2
A-MANDEHI Omaha lance T	Sp	2.1m		1	2	thrust	1	2
Oriental T	Sp	1.1m	1.0kg	0	2	thrust	1	2
AVELIN Greek T	Sp	2.1m	1.7kg	0	2	thrust	1	2
IBORU Australia T	Sp	2.7m	1.6kg	1	2	thrust	1	2
(ADJI Australia T	Sp	2.8m	1.9kg	0	2	thrust	1	2
CAHSITA Eskimo harpoon T	Sp	2.1m	1.6kg	0	2	thrust	1	2
AMAYARI Japanese T	Sp	2.5m	2.1kg	1	2	thrust	·	3
CANNAI Australia T	Sp	2.1m	1.6 kg	0	2	thrust	1	2
AN-SHOKA Nicobar spear with de	Sp 7 etachable head	1.9m	2.1kg	1	2	thrust	1	3
CAPUN	Sp	2.2m	2.1kg			thrust	D	nine.
Name Other	Туре	Length	Mass D	ex I	Parry	Attack types	Sym	Dam
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KIERO Australia T	Sp	1.8m	1.5kg	0	2	thrust	1	2
KIKUKI Warori T	Sp	1.4m	1.2kg	0	2	thrust	1	2
KOVEH Bechuana T	Sp	2.0m	1.7kg	0	2	thrust	1	3
KOYUN Australia T	Sp	1.8m	1.6kg	0	2	thrust	1	2 1044
Australia T Australia T	Sp	2.8m	2.2kg	1	2	thrust	1	3
UJOLIO	Sp	1.4m	.3kg	0	2	thrust	1	2
Australia T KUYAN	Sp_	1.7m	1.4kg	0	2	thrust	10	2
Quartz tipped Australi	an spear I Sp	4.0m	3.7kg	1.000	2	thrust	1	3
European		minan						
LANCE-AGUE European T	Sp	2.0m	1.1kg	0	2	thrust	1	2
LARNA-PE	Sp d Australian st	3.1m	2.8kg	1	2.	thrust	1	3
Sting ray spine tippe	A STATE OF STATE	T C D	-					
Malaysia T	Sp	3.0m	2.0kg	1	2	thrust	1	2
MAHEE	Sp	2.8m	1.9kg	1	2	thrust	1	2
Africa T				-	-13			*
MAKRIGGA Bongo T	Sp	2.8m	1.8kg	1	2	thrust	1	2
MAKURA YARI Japanese T	Sp	1.3m	1.2kg	0	2	thrust	1	2
MKUKI	Sp	1.8m	2.0kg	0	2	thrust	<u>, 1</u> ,	2
East Africa T MON-GIL MON-GIL	Sp	2.9m	1.6kg	1	2	thrust	1	2
Cape Bedford T	Sp	2.1m	1.3kg	0	2	thrust	1	2
Australia T MONGOLI	Sp	2.3m	1.4kg	0	2	thrust	1	2
Australia T MU-RONGAL	Sp	1.8m	1.2kg	0	2	thrust	1	2
Australia T NAGEYARI	Sp	.4m	.8kg	0	2	thrust	>	2
Japanese T NANDUM	Sp	2.2m	1.8kg		2	thrust	1	2
Australia T NERAU	Sp	2.5m	2.0kg			thrust	1	3
Australia T	-	2.3m	1.5kg			thrust	1	22 B. R. P. Mar
PARALYSER Malaysia T	Sp							Parlante _ A
PATISTHANAYA Sinhalese T	Sp	2.0m		11	-	thrust	-	·· ?
PELTA Greek T	Sp	2.1m	1.3kg			thrust	1	2
PILL Norman T	Sp	2.0m	1.4kg			thrust	1	2
PILLARA Australia T	Sp	2.7m	1.9kg	100	2	thrust	1	2
PILUM Roman T	Sp	1.9m	2.1k		1 3	thrust	1	2
RUMMH Arab T	Sp	4.2m	2.5k	0	1 2	thrust	1	3

Other	Туре	Length	Mass	Dex	Parry	Attack types	Sym	Dam
SANG Rajput T	Sp	1.9m	2.3kg	0	2	thrust	1	2
SANGKOH Dyak T	Sp	2.4m	1.9kg	0	2	thrust	1	2
SANGU India T	Sp	3.2m	2.6kg	1	2	thrust	1	3
SANOKAT Malaysia T	Sp	2.2m	1.7kg	0	2	thrust	1	2
SAUNION Samnite T	Sp	1.2m	.8kg	0	2	thrust	1	2
SHAIL Rajput	Sp	1.9m	2.3kg	1	2	thrust	1	2.0000
SHANEN KOPATON Nicobar T	Sp	2.4m	1.8kg	0	2	thrust	1	2
SILIGIS Borneo T	Sp	1.8m	1.0kg	0	2	thrust	1	2
SIMBILAN Moro T	Sp	1.4m	.6kg	0	2	thrust	1	2
SINAN Persian T	Sp	2.3m	1.4kg	0	2	thrust	1	2
SLIGI Dyak T	Sp	2.0m	1.4kg	0	2	thrust	1	2
SPICULUM Roman T	Sp	1.8m	1.4kg	0	2	thrust	1	2
SU YARI Japanese T	Sp	1.7m	1.9kg	0	2	thrust	1.,	2
TAHR RUAN Wetter Islands T	Sp	1.7m	1.7kg	0	2	thrust	1	3
TAO Maori T	Sp	2.2m	2.0kg	0	2	thrust	1	2
TAWOK Javan T	Sp	1.6m	1.3kg	0	2	thrust	1	2
TELEMPANG Javan T	Sp	2.1m	1.8kg	0	2	thrust	1.,	2
TE-YARI Japanese T	Sp	1.2m	1.0kg	0	2	thrust	1	2
TIRRER Australia T	Sp	1.7m	1.3kg	0	2	thrust	1	2
TJUNKULETTI Melville Islands T	Sp	3.2m	2.6kg	1	2	thrust	1	3
TOMBAK	Sp	2.4m	2.0kg	0	2	thrust		2
Malaysia T TO-ONO	Sp	3.1m	2.3kg	1	2	thrust		***
Australia T	Calina I.		- t				=	-
India T	Sp	1.9m	2.0kg	0	2	thrust		2.
Javan T	Sp	2.0m	1.6kg	0	2	thrust	1	2
Australia T	Sp	2.5m	2.1kg	0	2	thrust	1	2
WALLUNKA Melville Islands T	Sp	2.5m		0	2	thrust	1	
WI-VALLI Australia T	Sp	2.1m	2.1kg	1	2	thrust	1	2
YARI Japanese T	Sp	2.1m	1.9kg	0	2	thrust	1	2
ZAGAYE Venetian lance T	Sp	3.8m	2.9kg	1	2	thrust	1	3

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SWORDS								
State of the second sec	ype	Length	Mass	Dex	Parry	Attack types	Sym	Dam
ABBASI	Sw	1.0m	1.8kg	1	3 6	chop/thrust		3
Rajput					A		2:	
AHIR Mahratta	Sw	1.0m	1.8kg	1	3	cut/chop/thrust	2:3	3
Textures of the						110 0000000		CHICAN
ALAMANI India	Sw	.6m	1.0kg	1	2	cut/chop/thrust	3	2
		1413						
AMA-GOI-KEN Japanese temple sword	Sw	.4m	.6kg	0	2	chop/thrust	2	2
Low group province	-	-	1.51.0	-		******	10	minar
AYDA KATTI Coorg	Sw	.6m	1.5kg	1	2	chop	3	2
Company and					4 5	in mini		
BABANGA	Sw	.6m	1.2kg	1	2	chop/thrust	3	2
BACKSWORD	Sw	.6m	1.3kg	0	2	cut/chop/thrust	3	2
European	SW	.om	1.Skg	ų	-		3	
BADELAIRE	Sw	.5m	1.4kg	1	2	cut/chop/thrust	3	2
European					0			
BASELARD	Sw	.5m	.6kg	0	2	thrust	2	2
European		1.1	an.			++		140000
BASTARD SWORD European "hand and a half	Sw sword T	1.0m	2.1kg	1	3	chop/thrust	3	3
	Sincita (1 1			8		11	
BELADAH Borneo	Sw	.6m	1.4kg	0	2	cut/chop/thrust	3	2
	have		AL.		(a bille	
BILBO	Sw	.5m	.6kg	0	2	thrust	2	2
Nicolardy and an and	Min Ares		a la la			-		ding
BRAQUEMAR	Sw	.6m	1.4kg	1	2	chop/thrust	3	2
and the second second	entrine of			1.12		1	-	-
BROADSWORD	Sw	.8m	1.6kg	1	3	chop/thrust	. 3	3
	Sw	.9m	1.5kg	0	2	chop/thrust	3	3
CAMPILAN Malaysia	3.	.am	LONY		2		7	UNC
CHEREB	Sw	.6m	1.5kg	0	2	chop/thrust	ġ	2
Hebrew	Sugar Sugar				0		ATELDE	the most
CHUNDRICK	Sw	.6m	1.2kg	1	2	cut/chop/thrust	3	2
Javan	dent .							in the second
CLAYMORE Scottish two-handed sword	Sw	1.2m	2.9kg	lan1	3	P. chop/thrust	113	-
					-			
COLICHEMARDE	Sw	.8m	.8kg	0	2	thrust	2	2
European	-	-		-				
COUSTIL A CROC European	Sw	.6m	1.3kg	0	2	chop/thrust	2	2
CRAQUEMARTE	Sw	.7m	1.5kg	1	2	cut/chop/thrust	3	3
European		1.4	1.1	int.]	1		1	ABISTAN
CUTLASS	Sw	.6m	1.4kg	1	2	cut/chop/thrust	3	2
European					-		and	an ana
DALWEL	Sw	.9m	2.0kg	1	2	chop/thrust	3	3
Burmese two-handed sword	T	1					~	
DAO National sword of the Nag	Sw as of Assa	.7m	1.3kg	1	2	chop	3	3
Sector Contraction								and the later
DHA National sword of Burma	Sw	.8m	1.3kg	1	2	cut/thrust	7: 2	2
DUKN	Sw	.8m	1.4kg	0		cut/chop/thrust	. 3	2
Malaysia	-1923						7	Tanken
DUSACK	Sw	.6m	1.4kg	1	2	cut/thrust	3	2
European	NIS IN						"GDDVT	
ESPADON	Sw	.9m	2.1kg	1 1	3	chop/thrust	3	3
European two-handed sword	Ţ				~		2	

Name Other	Туре	Length	Mass	Dex	Parry	Attack types	Sym	Dam
ESTOC European	Sw	1.1m	.8kg	1	2	thrust	3	2
EXECUTIONER'S SWC	ORD Sw	1.1m	2.2kg	1	2			3
FALCHION European	Sw	.8m	1.7kg	1	3	cut/chop/thrust	2	3
FIRANGI Mahratta	Sw	1.1m	1.6kg	1	3	cut/thrust		3
FLAMBERGE European T	Sw	1.3m	3.4kg	- 010	3	chop/thrust	3.	×.
Sei suger in the	10 million		-		-	la		
FLEURET European	Sw	8m	.6kg			thrust	- ²	2
FLYSSA National sword of t	Sw the Kabyles of	1.0m Morocco	1.5kg	1 1	3	cut/chop/thrust	***	3
FOIL European	Sw	.8m	.7kg	0	2 0	thrust	2	2
GLADIUS Roman	Sw	.6m	9kg	1 1	3	chop/thrust	2	2
GODDARA Turkish	Sw	.7m	1.4kg	1	3	cut/chop/thrust	. 3	2
GOLIAH	Sw	1.1m	1.7kg	, 1	3	cut/chop/thrust		3
GUPTI Indian sword cane	Sw	.8m	.7kg	0	2 ~ 6	cut/thrust	3	2
HALAB	Sw	.9m	1.6kg	3	3	cut/thrust	1.3	2
HAN-DACHI Japanese	Sw	.8m	1.3kg	. 0		cut/thrust	. 2	3
HEREBRA Phoenician	Sw	.7m	1.3kg	9 1	2	chop/thrust	3	2
ISAU Borneo	Sw	.7m	1.3k(g 1	2	chop/thrust	3	3
JUMGHEERDHA Borneo	Sw	1.1m	1.5kg	9 1	3	cut/thrust		3
KAMASHIMO ZASHI Japanese	Sw	.5m	.7k	g 0	2	cut/thrust	2	2
KANTSCHAR Russlan	Sw	.7m	1.9kg	9 0	2	cut/thrust	3	2
KAPEE DHA Assam	Sw	.5m	1.2kg	9 1	2	cut/chop	3	3
KASKARA Sahara	Sw	.9m	1.5k	9 0		chop/thrust	3	3
KASTANE National sword of	Ceylon Sw	.8m	1.5k	0 1	3	cut/chop/thruat	7- 3	3
KATANA Japanese-half of D	Sw	1.1m	1.4k		3	cut/thrust	2:2	3
KATTI TALWAR Nepal	Sw	1.0m	1.8k	0 1	3	cut/chop/thrust	2.3	3
KEN Japanese	Sw	.5m	.8k	g C	2.	chop/thrust	2	2
KENUKI GATA TACH Japanese	ll Sw	.6m	.8k	9 0) 3	cut/thrust	3	3
KHANDA National sword of	Sw	.9m	1.7k	0 1	3	cut/thrust	. 3	3
KILLJ Turkish	Sw	.9m	1.8k	g 1	3	cut/thrust,	7.3	3
KLEDYV Ancient Welsh	Sw	.6m	1.4k	9 0	2	chop/thrust	2	2
Ancient Weish	Contraction of the second					ATT		

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Name	Туре	Length	Mass I	Dex	Parry	Attack types	Sym Dam
KOPSH	Sw	.6m	1.4kg	1	2	chop/thrust	3 2
Egyptian	Sw	.7m	1.4kg	1	2 0	chop	3 3
National sword of Nep		100		-			anare.
KRIS Malaysia	Sw	.5m	.7kg	0	2	chop/thrust	3 2
LANDSKNECHT SWORD	Sw	.7m	1.5kg	1	3	chop/thrust	2 3
Swiss	elline .	8 2	1	1.2	0	1	angene
LONGSWORD European	Sw	.8m	1.6kg	0	3	chop/thrust	2 3
LOPU Ceramese	Sw	.7m	1.3kg	0	2	chop	2 3
LURIS PEDANG	Sw	.7m	.7kg	0	2	cut/thrust	2 2
Atjeh	Sw	.7m	1.4kg	0	3	chop/thrust	3 3
Greek	and and						Contraction of the
MANDAU Dyak	Sw	.7m	1.4kg	1	3	cut/chop	3 3
MANOPLE Moorish gauntlet swom	Sw	.6m	2.1kg	1	3	chop/thrust	3 3
	debut the	9 0 ge		a	-	Same	TORNETTER
India T	Sw	1.6m	2.2kg	1	3,	chop/thrust	
MENTOK	Sw	.6m	.9kg	1	3	cut/chop	3 3
NIMCHA	Sw	1.0m	1.6kg	1	3	cut/chop/thrust	3 3
Arab / NINJATO	Sw	.9m	1.4kg	0	E B 3		A DATE
Japanese Ninja sword	postaties	1	i.arg	-		cut/thrust	2 3
NO-DACHI Japanese two-handed s	Sw sword T	1.9m	4.0kg	2	3	cut/thrust	3 4
OPI	Sw	.5m	.7kg	0	2	chop/thrust	3 2
PAKAYUN	Sw	.8m	1.3kg	1	3	cut/thrust	3 3
Borneo	minin	21-6 100	42				ACHIERINE
PALACHE Polish	Sw	.7m	1.2kg	0	3	cut/chop/thrust	3 3
PARANG BEDAK Borneo	Sw	.6m	.8kg	0	2	chop/thrust	2 2
PARANG NABUR	Sw	.6m	1.1kg	1	3	chop/thrust	3 3
Malaysia						Ser	Give sime
PARANG PANDIT Dyak	Sw	.7m	1.2kg	1	3 和	chop	3 3
PATA Indian gauntlet sword	Sw	1.0m	2.1kg	1	3	chop/thrust	, 3 3
PATTISA	Sw	1.0m	1.7kg	1	3	chop	···· · · · · · · · · · · · · · · · · ·
India	JW	1.011		-	R	Participation of the second se	$\overline{\mathbf{i}}$
PEDANG Malaysia	Sw	.6m	.8kg	0	30	. cut/chop/thrust	HAT3AHA 2008
PEUDEUENG Atjeh	Sw	.8m	.9kg	1	3	chop/thrust	3 3
PIRA PIRA	Sw	.6m	.8kg	1	2	cut/chop/thrust	3 2 2
Malaysia PISO ECCAT	Sw	.6m	.6kg	0	2	chop/thrust	3 2
Battak		16.1			10		Alleni
PISO HALASAN Battak	Sw	.6m	.7kg	0	2	chop/thrust	3 2
PISO PODANG Battak	Sw	.7m	1.3kg	1	3~	cut/thrust	3 3 3
PULOUAR	Sw	.8m	1.5kg	1	3	cut/chop/thrust	. 3 3
			1		-		· entropilerte
QUADDARA	Sw	.8m	1.4kg	0	2	chop/thrust	2 3 3

(1)

Name Other	Туре	Length	Mass	Dex	Parry	Attack types	Sym	Dam
RAM DA'O Nepal	Sw	.9m	1.8kg	1	2	chop): ³	2
RAPIER European	Sw	1.0m	.8kg	1	2	The thrust	2	2
REITERPALLASCH	Sw	.9m	1.4kg	1 1	3	chop/thrust	3	3
SABRE	Sw	.7m	1.4kg	0	3	cut/thrust	× 3	-
SAIF	Sw	.8m	1.5kg	10			•	3
Arab	010	3 10 10		1	3	cut/thrust	7.3	3
Assyrian	Sw	.7m	1.3kg	0	2	cut/chop	. 3	3
SAPOLA India	Sw	.9m	1.6kg	1	3	cut/thrust	.3	3
SAUSCHWERTER German boar hunting	Sw	1.1m	1.6kg	0	2	thrust	2	2
SCHIAVONA Venetian	Sw	.8m	1.6kg	1	3	chop/thrust	3	3
SCHNEPFER Swiss	Sw	.7m	1.4kg	0	3	cut/thrust	3	3
SCIMETER Oriental	Sw	.9m	1.7kg	1	3	cut	7 3	3
SEAX Anglo-Saxon	Sw	.7m	1.3kg	0	3	cut/chop/thrust	3	3
SEME African	Sw	.6m	.9kg	0	2	chop/thrust	2	2
SENANGKAS BEDOK Malaysia	Sw	.7m	1.4kg	0	2	cut/chop/thrust	2	2
SHAH NAWAZ KHANI	Sw	.7m	1.4kg	1	3	cut/chop/thrust	3	3
SHAMSHIR	Sw	.9m	1.7kg	1	3	cut		PIU
Persian SHASHQA	Sw	.9m	1.4kg	0	10		2-3	3
National sword of the C SHOTEL	Circassians Sw	.8m	1.4kg	0	.6.	cut/thrust	2	2
Abyssinian SICA	and and	S. B. OR.			- (0	eut	- 3	2
Roman SIKIM GALA	Sw	.4m	.5kg	0	2 0	chop/thrust	2	2
Atjeh	Sw	.8m	1.3kg	0	2	cut/chop/thrust	3	3
SIROHI Rajput	Sw	1.0m	1.7kg	1	3	cut/chop/thrust	3	3
SMALL SWORD European	Sw	.7m	.7kg	0	2	thrust	2	2
SONDANG Malaysia	Sw	.8m	1.4kg	1	3	chop/thrust	2 :	3
SOSUNPATTAH	Sw	.8m	1.4kg	1	3	cut/chop/thrust	3 3	1000
SPADROON European	Sw	.8m	.8kg	0	200	cut/thrust	2 2	ANY -
SPATHA Roman	Sw	.8m 1	1.4kg (0 :	, 2	chop/thrust	2 3	
SULTANI India	Sw	.8m 1	.6kg 1	1 3	1 A 1 A 1		3 3	1
SURAI Mahratta	Sw	.7m 1	.5kg c) 3	a a	cut/chop/thrust	3 3	-
TAKOUBA Tuareg	Sw	.6m 1	.3kg 1	3	R	chop/thrust	2 3	
TALIBON	Sw	.6m 1.	.Okg 1	3	00	chop/thrust	3 2	
TALWAR	Sw	.9m 1.	6kg 1	3	-	cut/thrust	1	
and the second		37.19			-	cut/thrust	3 3	

Name Other	Туре	Length	Mass	Dex	Parry	Attack types	Sym	Dam
TAPAK KUDAK Atjeh	Sw	.7m	1.0kg	0	2	cut/chop/thrust	2	2
C TASHI Japanese	Sw	1.2m	1.4kg	0	3 (cut/thrust	2	3
TEGHA India	Sw	1.0m	1.8kg	1	3	cut	7.3	3
THININ Atjeh	Sw	.6m	.9kg	0	2	chop/thrust	2	2
TUCK European	Sw	1.0m	.8kg	1	200	thrust	2	2
VERDUN European	Sw	1.1m	.8kg	1	2	thrust	2	2
WAKIZASHI Japanese-half of Dalsho	Sw	.6m	.8kg	0	2	cut/thrust	2	2
WASA African	Sw	.7m	1.3kg	1	3	chop/thrust	2	3
XIPHOS Greece	Sw	.7m	1.3kg	1	3	chop/thrust	2	3
YATAGAN Turkey	Sw	.7m	1.4kg	0	2	cut/chop/thrust	. 3	3
ZAFAR TAKIEH India	Sw	.6m	1.5kg	1	3	chop/thrust	3	3
ZWEIHANDER German two-handed sword	Sw	2.0m	6.3kg	2	3	chop/thrust		.4



XBBX Accession Accession M-consol M-consol H-consol

AS-ORDEA M-GOSA

M-IHA



INDEX Abbasi-Sw Acinaces-K Aclys--M Adarga-M Adze-H Ahir-Sw Ahlspiess--M Alkuchi-K Alamani-Sw Ama-Goi-Ken-Sw Analace-see (Cinquedea) Ancus-H Angon-Sp Arbir-M

Arit-M

Arming Sword-see (Estoc) Assegai-Sp Aunurgith-Sp Awl-Pike-P Ay-Balta-H Ayda Katti-Sw Babanga-Sw Backsword-Sw Bade-Bade-K Badelaire--Sw Badik-K Baggoro--H Bagh Nakh--M **Balestarius-H** Ball & Chain-H Ballam-Sp

Balta-H Bandang-Sp Bank-K Barchi-Sp Barong-K Baselard-Sw **Bastard Sword-Sw** Baswa Knife--K Batardeau-K Battle Axe--H Bayu-K Beaked Axe-P Bearded Axe-H Bec-de-Corbin--H Beladah-Sw Beladau-K Berdiche--P

Bhala-Sp Bhuj-K Bilari-Sp Bilbo-Sw **Billiong-H** Bill-P Binnol-H **Bipennis-H** Birch'ha-Sp **Bisacuta-H Bisento-M** Bi-Teran--H Bo-M Boar Spear-Sp Bodkin-K Bohemian Ear Spoon-Bokken--M Bolas--M Bolo-K Boomerang--M Bouzdykan-H Brandestoc-M Braquemar-Sw Broad Axe--H Broadsword--Sw Budiak-Sp Bulawa-H Bullova--H Bullwhip--M Bundi Katari--K Burrong-H Butcher Knife-K Buyo Knife-K Campilan-Sw Cat 'O Nine Tails-H Catch Pole-P Cestus--M Chakram--M Chaqu--K Chauves Souris-P Chemeti--M Chereb--Sw Chijiriki-M Chilanum--K Chimbane--Sp Choora--K Chopper--K Chundrick-Sw Cinquedea--K Claw Hammer-H Claymore-Sw Club-H Colichemarde--Sw Contus-Sp Coustil a Croc-Sw Couteau de Breche-P Craquemarte--Sw Croc-P Crowbill-H Cuchillo-K Cudgel-H Cumber-Jung-H Cutlass--Sw Dabus-H Dalwel-Sw Dao-Sw Degan--K Dha-Sw Dhara-H Dhaw--K Dirk-K Doloire-H Dowak--M Do-War-Sp Dukn-Sw Dung-Sp Dusack-Sw Enhero-Sp

Espadon-Sw

Estoc-Sw Estradoit-K Executioner's Sword-Sw Fakir's Homs-M Falcastra-P Falchion-Sw Fal-Feg-Sp Falx-P Fang-M Fauchard-P Feather Staff-M Firangi-Sw Flagellum-M Flail-H Flamberge--Sw Fleuret-Sw Flyssa-Sw Foil-Sw Framea-Sp Francisca-H Fry Pan-M Fuscina-M Gada-H Galraki-H Ga-Ne-U-Ga-O-Dus-Ha--H Ganjing-H Gargaz-H Garvo-Sp Garz-H Gladius-Sw Glaive-P Goddara-Sw Godendag-P Goliah-Sw Golo-Sp Golok-K Goupillon-H Granggang-Sp Guisarme-P Gunsen--M Gupti-Sw Hachlwara--M Hair Pin-M Hak-Sp Halab-Sw Haladie-K Halasan-K Halberd-P Half Moon-P Hamidashi-K Han-Dachi-Sw Hani-M Harpoon-Sp Head Axe-H Hercules Club-H Herebra-Sw Heyazashi-K Himogatana--K Hinyuan-Sp Hippe-P Hora-M Horn Dagger--K Hoera--M Hoko-Sp Holy Water Sprinkler-H Hoolurge-H Horseman's Hammer-H Huata-Sp Hui-Tho--M Hunga-Munga--M Hwa-Kek-P Ice Pick-M Irpull-Sp Isau-Sw Iverapena-H I-Wata-Jinga-H Jaculum-Sp

Ja-Dagna-H Ja-Mandehi-Sp Jambiya-K Jamdhar Katari-K Japururunga-H Jarid-Sp Javelin-Sp Ja-Weti-H Jedburg Axe-P Jiboru-Sp Jitte-M Jo-M Jumgheerdha-Sw Kadji-Sp Kadjo-H Kahsita-Sp Kama-H Kamashimo Zashi--Sw Kamayarl-Sp Kamcha-M Kannai-Sp Kan-Shoka-Sp Kantschar-Sw Kapak-H Kapee Dha-Sw Kapun-Sp Karambit-K Kard-K Karoula-K Kaskara-Sw Kasrullah-H Kastane-Sw Katana-Sw Katar-K Katar Bank-K Katar Dorlicaneh--K Katti Talwar-Sw Kau Sin Ke-M Kauah-H Kawanaga-M Keerli-H Keerie-H Ken-Sw Kenuke Gata Tachi-S Khanda-Sw Khanjar-K Khanjarli-K Kharga--H Khatramkha-M Kheten-H Khyber Knife-K Kiam Bokiam-M Kidney Dagger-K Klero-Sp KIIIJ-Sw Kindjal-K Kikuki-Sp Kira--K Kirasoo-M Kiseru-M Kledyv-Sw Klewang-Sw

Knuckle Duster-M Kodelly-H Kongo-Zue--M Konnung-M Kopsh-Sw Kora-Sw Korambi-K Korseke-P Koshigatana--K Kotiate-H Koveh--Sp Koyun-Sp Koy-Yung-Sp Kozuka---K Kris-Sw Kubikiri-K Kudi-K Kudi Tranchang-K Kujerong--H Kujugi-K Kukri-K Kumade-M Kunjollo-Sp Kunjukdan-P Kunnin-M Kusarigama-M Kuyan-Sp Kwaiken-K Kyoketsu-Shogi-M Lading-K Lajatang--M Labo Belange-K Lance-Sp Lance-Ague-Sp Landsknecht Sword-Sw Langue de Boeuf-P Lariat-M Lama-Pe-Sp Leer-Pa-M Lembing-Sp Leonile-H Liangtjat-M LII-LII-H

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Lisan-H Lochaber Axe-P Lohangi-H Lohar-H Longsword-Sw Lopu-Sw Lucerne Hammer--P Luris Pedang-Sw Mabobo--H Macana-H Mace-H Mace & Chain-H Madu-M Magariyari-M Mahee-Sp Main Gauche-K Makrigga-Sp Makura Yari-Sp Manchera-Sw Mandau-Sw Mandaya Knife--K Mandehi Liguje--M Monople-Sw Manrikigusari-M Maquahuilt--H Martel-de-Fer-H Masakari-H Massuelle-H Matilna-H Mattock-H Mattucashlass-K

Maul-H Maushtika-K Mazule-H Meat Cleaver-M Meerl-H Mel Puttah Bemoh-Sw Mentok-Sw Merai-H Military Fork-P Miseri corde-K Mit-K Mkuki-Sp Mon-Gil Mon-Gil-Sp Mongile-Sp Mongoll-Sp Mongwanga--M Moplah--K Morningstar-see (Holy Water Sprinkler) Mugdar-H Muragugna-H Mu-Rongal-Sp Naboot-M Nagegama-M Nageyari--M Naginata-M

Nandum-Sp Nerau-Sp Nimcha-Sw Ninjato-Sw No-Dachi-Sw Novacula-M Nunchaku--M Oncin-H O-No-P Opi-Sw Pacho--H Pagaya-H Pahu-H Pakayun-Sw Paku-M Palache-Sw Palitai-K Panabas-K Pareh-H Para-I-Tutti-K Paralyser-Sp Parang Bedak-Sw

As I do not consider this work to be complete, I welcome correspondence from anyone who has comments about this book as well as other weapon designs. Matthew Balent, 11834 Caradonna, Warren, Mich., 48093.

Parang Ginah--K Parang Latok-K Parang Nabur-Sw Parang Pandit-Sw Parazonium--K Partizan-P Pata-Sw Patisthanaya-Sp Pattisa-Sw Patu-H Pavade--K Pedang-Sw Pelta-Sp Pendjepit-M Periperiu-H Pernat-H Pesh-Kabz-K Petjut--M Peudeung-Sw Phurbu-K Plau-M Pichangatti-K

Plha-Kaetta--K Pike-P Pill-Sp Pillara-Sp Pilum-Sp Pira-Sw Pisau Raut-K Piso Eccat-Sw Piso Halasan-Sw Piso Podang-Sw Piso Tonkeng-K Pitchfork-M Plombee-H Poignard-K Pokwe-K Pole Axe-P Potu-H Pouwhenua--M Pry Bar-M Pugio-K Pulouar-Sw Purijimala--H Qama--K Quaddara-Sw Quadrelle-H Quarterstaff--M

Quirriang-an-Wun-M Ram Da'o-H Rang-Kwan--H Rante-M Rapier-Sw Raut-K Reiterpallash--Sw Rentjang--K Rolling Pin--M Roundel Dagger--K Rummh--Sp Rungu-M Runka-P Sa Tjat Koen-M Sabar--H Sabit-K Sabre-Sw Sabre Halberd-P Sadoep--K Saffdara--K Sai-M Saif-Sw Saintie-M Sakin--K Sang-Sp Sang Kauw--M Sangkoh--Sp Sangu-Sp Sanokat-Sp Sapakana-H

Sa Yart-S

H-model"

HOLDS WIRT

(de-orig M-large M-large N-large N-large R-large R-lar

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WALSH -

Sapara-Sw Sapola-Sw Sarissa-P Saunion-Sp Sauschwerter-Sw Scaling Fork-P Schestopjor-H Schlavona-Sw Schnepfer-Sw Scimeter-Sw Scorpion-P Scramasax-K Scythe-P Seax-Sw Segu-M Sekin-K Seme-Sw Senangkas Bedok-Sw Sewar-K Sgain Dubh--K Shah Nawaz Khani-Sw Shakujo-M Shakujo Yari-M Shamshir-Sw Shanen Kopaton-Sp Shashdar-H Shasqa-Sw Shears-M Shinobi-Zue--M Shoka-H Shotel-Sw Shuko-M Shuriken-M Sica-Sw Sikim Gala-Sw Silepe-H Siligis-Sp Simbilan-Sp Sinan-Sp Singa-M Sirohi-Sw Siwalapa-H Sjang Sutai-M Skain-K Sligi-Sp Slung Shot-H Smallsword-Sw Sode Garami-P Sondang-Sw Sopok-M Sosunpattah-Sw Spade-M Spadroon-Sw

Sparte-H Spatha-Sw Spetum-P Spiculum-Sp Spontoon-P Stiletto-K Suan-Tou-Fung-H Sudis-P Sultani-Sw Surai-Sw Su Yari-Sp Taavish-H Tabar-H Tabar-I-Zin-H Tadji-K Tahr Ruan-Sp Takouba--Sw Talibon-Sw Talwar-Sw Tambara-H Tanto-K Tao-Sp Tapak Kudak-Sw Taper Axe-H Taru-P Tashi-Sw Tau-Kieu-M Tawok-Sp Tebutie-H Tegha-Sw Telek-K Telempang-Sp

Tetsubo--M Tewha-Tewha-M Te-Yari-Sp Thinin-Sw Tiglvn-M Tindil-H Tirrer-Sp Tjabang-M Tjaluk-K Tjunkuletti-Sp Todo-K Toki Kakauroa-H Toki Poto-H Tolaki-K Tomahawk-H Tombak-Sp Tonfa-M Tongia-H To-Ono-Sp Toporok-H To-Su--K Toya-M Toyak-M Truncheon--H Tschehouta-Sp Tschekan--H Tuagh-Gatha-H Tuba-K Tuck-Sw Tumpuling-Sp Tungi-H Uchi-Ne-M

Udlimau--H Ulas-M U'U-M Veecharoval-H Venmuroo-H Verdun-Sw Vinchu-K Voulge--P Waddy-H Wahaika--H Walnian-Sp Wairbi-H Wakerti-H Wakizashi-Sw Wallunka-Sp War Hammer-H Wasa-Sw Wedong-K Weerba--H Wirka-H Wi-Valli-Sp Woodsman's Axe-H Xiphos-Sw Yari-Sp Yatagan-Sw Yeamberren-H Yoribo-M Zafar Takieh-Sw Zagaye-Sp Zaghnal-H Zirah Bouk-K Zweihander-Sw



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A User's Guide to Weapons Matt Balent

In the time that the weapons book has been in print, there have been a number of questions and comments which have come to my attention. This paper should prove useful to those who are interested in more information about the weapons in the book

Compilation of the different weapons themselves was actually undertaken after I had formulated a combat system which I had planned on publishing together with the arms and armour. Many seemingly apparent anomalies in the various values of similar weapons should be explained when my weapons system is published,

As stated in the introduction, the different groups of weapons are entitled; hafted, knives, miscellaneous, pole arms, spears, and swords. Each group has a one or two letter code used to identify the weapons in them; H for hafted, K for knife, M for miscellaneous, P for pole arm, Sp for mean and Sw for sword. To use the Sp for spear, and Sw for sword. To use the index, look up the name of the weapon in the index and find its code; then look in the appropriate section.

In assigning a weapon to a certain group I attempted to set up subjective guidelines. There is alot of overlap between some groups, such as swords and knives, but for the most part my decisions have been correct.

Weapons consistently listed as swords or knives in my sources were assigned to those groups. Clubs, axes, and other similar weapons were assigned to the hafted group because they consist of some sort of striking head which is attached to a short handle or haft. Weapons listed as miscellaneous were usually either too different to be put into the other groups or were employed with a special combat technique which I felt warrented their being put into a special group. Pole arms and spears s times overlapped but once again I referred to my sources.



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Notes on the weapons

Hafted

Weapons which consist of a weight attached to a handle by means of a chain, such as the Ball 6 Chain, can be very dangerous to both the user and his/her enemy. A weapon of this type could actually hit an enemy by going around his/her shield due to the flexable nature of the chain. By the same tokenif a blow by these weapons missed, one could easily hit oneself in the head, leg, or arm.

The rounded portion of the Cudgel represents a basket like that of a Broadsword. Weapons from India and the Middle East were

often great works of art. Most maces, such as the Dhara, and swords which have knuckleguards were padded with a lining of velvet. The grip of the weapon itself was also covered with velvet in many cases.

The Francisca, one of the better designed axes, was probably used as a missile as often as it was used in the hand. A typical Frankish tactic was to throw the axe and then charge with the sword while the enemy was recovering from the shock of the Francisca's impact.

The obsidian is what makes the Maquahuilt so interesting. Obsidian can be chipped to form edges only ten molecules thick. In this condition it is sharper than any steel edge. Modern operations have been conducted using obsidian scalpels.

In some cases the handle of the Tomahawk was hollow so it could be used as a pipe. The bowl of the pipe was opposite the axe blade.

Knives

The Malaysians placed almost as much imortance on weaponry as did the Japanese. Malaysian martial arts relied heavily on the

use of knives, swords, and other weapon types. The Katar and the Katar Dorlicaneh were often called "punch knives" due to the normal method of use being a thrust made as if punching.

The Main Gauche was normally used in the left hand in conjunction with the Rapier or other similar sword. It has a rather large knuckleguard for parrying purposes.

Miscellaneous

The Adarga is one of the most interesting weapons I came across in my research. Held in the center of the spear-like section, the hand was protected by a 30 x 20 centimeter shield which is attached to the spear. The blade which is perpendicular to the spear is mounted in the center of this shield,

The Ahlspiess was one of the weapons used by knights in tournaments. Bagh Nakh or "tiger claws" are concealed in

the hand. They were favored by assassins. The damage number of the Bolas would only apply if the weapon is held in the hand and When thrown it should not used like a flail. do any damage.

Having been hit by one, the author can attest to the capabilities of a Boomerang. Only the ones made as toys will "return" to the thrower.

The Bullwhip is a very tricky weapon to handle and takes alot of practice to get to an Indiana Jones level of proficiency.

The Chakram is thrown like a modern frisbee. Effective range was about thirty meters for a trained user.

The Japanese seemed to have really had a flair for developing and employing unusual forms of weapons. Chain weapons, like the Chijiriki, were used to entangle or trip, parry, and even disarm a foe.

Fakir's Horns were used by Indian holy men who were forbidden to carry weapons but did so anyway.

The Gunsen is a metal fan designed for use as a parrying weapon. The concept of being armed while unarmed occurs again and again in the design of Japanese weapons.

In a society where armour is usually not worn, the Hui-Tho would be a very effective weapon even against a large number of attackers.

The Jo was designed by a man who was beaten by a master swordsman in a duel. In his quest for revenge he developed a martial art based on a staff slightly longer than the Katana. He then heat the swordsman.

The Kusarigama is incorrectly listed as being an impact weapon; it should be a chopping one instead.

The Lajatang has to be the most destructive looking weapon in the book.

The Lariat is strictly an entanglement weapon. If the target was roped around the

neck or dragged on the ground then damage would be caused.

The Leer-Pa is included because it is a neat weapon. "If you can't cut 'em with one end, then bash 'em with the other."

The Madu is held like a buckler shield, but due to the horns it may also be used to attack.

The Mandehi Liguje, or coup stick, was not really used as a weapon but it could have been. The wielder was more interested in gaining "coup" than in injuring his opponent. Coup was obtained by simply touching an enemy with the staff while in battle.

The Nunchaku and the Tonfa were common agricultural implements in Okinawa. After the island was taken over by the Japanese, the inhabitants were forbidden to carry weapons Rather than risk being caught with such obvious weapons such as swords or knives, the resourceful Okinawans simply developed martial arts centered around these common tools.

The Pendjepit is best used against nonarmoured foes. The jaws of the weapon are provided with teeth to help rip and tear the enemy.

The spiked palms of the Shuko also aid in climbing.

Pole Arms

The Catch Pole was used by officials to capture criminals relatively unharmed. When the center prongs were pressed against the neck, the outer two would spring together forming a circle and entrapping the foe.

Spears

Many Malaysian and South Pacific spears have reversed barbs. This was to prevent a speared enemy from running up the spear and killing the wielder.

The Pelta is shown with an amentium attached. This helped provide extra thrust when throwing the weapon.

Swords

Most Japanese swords, like the Katana and the Tashi, were usually used in a manner which employed both hands. They may be listed as two-handed weapons but this is more a function of the combat style and not the weapon itself. The Broadsword, Reitherpallasch, and the Schiavona all have basket hilts.

General notes on all weapons

All of the entries represent average values for each weapon. In almost every case longer or shorter weapons bearing the same name can be found.

If a combat system used in conjunction with the weapons book takes space around the wielder into account, the length of the weapon can be used as an indication of the area requirement. This is not true of thrusting weapons which only need one or two feet in front of the attacker to be used effectively.

Naturally no one could hope to be able to use all of the weapons listed in a campaign. Player characters simply do not have an all encompassing knowledge of weaponry. It is up to the gamesmaster to decide if a character knows how to use a particular weapon or wheor not s/he has to train with the weapon.



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