

# **JOURNAL OF ROMAN MILITARY EQUIPMENT STUDIES**

**Dedicated to the Study of the Weapons, Armour, and  
Military Fittings of the Armies and Enemies of Rome and  
Byzantium**

## **Consolidated Index**

**Volumes 1 (1990) to 11 (2000)**

# *Journal of Roman Military Equipment Studies*

<http://www.jrmes.org>

---

## **JRMES Editor**

M.C. Bishop, Braemar, Kirkgate, Chirnside, Duns, Berwickshire, TD11 3XL, Scotland  
email: [jrmes@pobox.com](mailto:jrmes@pobox.com)

## **Index Compiler**

M.C. Bishop

## **Editorial Board**

Mr P. Connolly, 22 Spring Street, Spalding, PE11 2XW, England  
Dr J.C.N. Coulston, School of Greek, Latin & Ancient History, University of St Andrews,  
St Salvators College, St Andrews, Fife, KY16 9AL, Scotland  
Dr C. van Driel-Murray, IPP, Nieuwe Prinsengracht 130, 1018 VZ Amsterdam, The Netherlands

Notes for contributors and page templates for *JRMES* are available from the editor and the *JRMES* Web page  
Shorter notes, bibliographical information, and general news about the Roman Military Equipment Conference are published twice a year (summer and winter) in *Arma*, Newsletter of the Roman Military Equipment Conference. This is available from M.C. Bishop at the above address for an annual subscription of £5.00.

---

*Journal of Roman Military Equipment Studies* is edited by M.C. Bishop  
and  
published by The Armatura Press

©2003 M.C. Bishop

*Journal of Roman Military Equipment Studies* is available from  
Oxbow Books, Park End Place, Oxford, OX1 1HN, UK  
(Phone: +44-1865-241249; Fax: +44-1865-794449; Email: [oxbow@oxbowbooks.com](mailto:oxbow@oxbowbooks.com))  
(Website: <http://www.oxbowbooks.com/>)

and

The David Brown Book Company  
PO Box 511, Oakville, CT 06779, USA  
(Phone: 860-945-9329; Fax: 860-945-9468; Email: [david.brown.bk.co@snet.net](mailto:david.brown.bk.co@snet.net))

# Index

- A**
- Aalen **3:16**  
Aardenburg **7:59, 92**  
Abbeville **10:57**  
Abraham **5:217, 220, 246**  
*accensi* **8:17, 19**  
*acetum* **2:67–8**  
Achaea **8:100**  
Achilleus **4:59**  
*acies triplex* **8:14**  
Acre **8:301**  
Acrocorinth **8:91**  
Actium **2:39, 118, 119; 8:8, 91**  
Adamclisi **1:139; 9:5, 22; 11:37, 38**  
Adamklissi *see* Adamclisi  
Adendorf **5:205**  
Adgennius Macrinus, Sex. **8:5**  
*adlocutio* **2:102**  
Adonis **9:22**  
Adrianopolis **7:39; 10:6, 13**  
Adriatic **2:116**  
Adze **2:76**  
*aedes principiorum* **9:27**  
Aedui **5:201**  
Aegosthenes **8:221**  
Aelian **3:18; 11:104, 106**  
Aelius Marcianus **10:115**  
Aemilius **8:6**  
Aemilius Paullus, L. **8:64, 91**  
Afranius **2:67**  
Africa **2:118; 7:110; 8:18**  
Agathias **2:1, 10**  
Agen **5:11, 18, 20**  
    battle **5:3**  
Agesistratos **6:52; 11:77, 87, 96**  
Agilo **7:43**  
Agilulf **2:2, 17**  
Agri Decumates **9:19**  
Agrippa **5:39; 8:35**  
Agrippa II **10:73**  
Ahtenius **9:65**  
Ai Khanoum **8:280**  
Aineias the Tactician **8:208, 209,**  
    **213, 220, 225**  
Ain Grimidi **1:153**  
Aislingen **1:91; 5:156, 160**  
Aistulf **2:1, 10, 18, 19**  
Aix-en-Othe **1:95**  
Akraphia **8:220**  
*ala* **3:62, 73; 4:33, 40, 41, 43, 44, 46,**  
    **55, 63**  
    *I Asturum* **1:4; 2:38**  
    *II Asturum* **7:111**  
    *I Augusta Parthorum* **11:22**  
    *Bataavorum* **5:125–6, 135**  
    *I Bataavorum* **6:115**  
    *I Bosporanorum* **6:112**  
    *I Canninefatium* **5:84, 211**  
    *catafractariorum* **2:108**  
    *contariorum* **2:108**  
    *I Felix Theodosiana* **2:62**  
    *I Flavia Singularum c.R. p.f.*  
    **2:39**  
    *II Flavia Hispanorum c.R.* **9:43**  
    *I Gallorum et Bosporanorum*  
    **6:112**  
    *II Gallorum et Pannoniorum*  
    **6:109**  
    *I Hispanorum Auriana* **2:39**  
    *I Hispanorum Campagonum*  
    **2:39; 6:115, 117**  
    *numeri Illyricorum* **6:109, 110**  
    *II Pannoniorum* **6:115, 119**  
    *Parthorum* **9:40**  
    *veterana* **11:22**  
    *Sabiniana* **1:4**  
    *I Siliana C.R.* **2:38**  
    *I Thracum* **2:39, 41**  
    *I Tungrorum Frontoniana* **6:119**  
    *I Ulpia contariorum milliaria*  
    **5:84**  
Alabanda **9:31**  
*alabandicum* **9:31–2**  
Alamanni **2:16; 4:16; 5:147; 10:58**  
Alani **3:18**  
Alarcos **8:153, 159, 162, 163**  
*alauda* **1:161–3**  
Albacete **5:20**  
Alba Iulia **10:33, 36, 40, 41**  
Albalate de las Nogueros **7:104,**  
    **116**  
Albalate de Zorita **7:103, 116, 117**  
Albenga **5:12, 20**  
Albinus **5:145**  
Alboin **2:9**  
Alcácer do Sal **8:123, 131**  
Alcaracejos **8:153, 159, 163**  
Alcazaba de Badajoz **8:128**  
Aldborough **10:41**  
Aldeanueva del Monte **7:101, 113**  
Alesia **1:73–89, 92, 94, 95, 153;**  
    **3:19; 5:3, 7, 10, 15, 17; 8:41, 49,**  
    **116, 117, 271–3, 274, 277–84,**  
    **293, 295, 303**  
Alexander, son of Aristobolus **8:303**  
Alexander (the Great) **3:10; 8:61,**  
    **62, 67, 69, 81; 11:105, 107, 108,**  
    **109**  
    mosaic **11:105, 107, 109**  
Alexandria **11:77**  
Alexandrium **8:303**  
Alferrar **8:128**  
*alicula* **10:21, 22, 23**  
Alinda **8:220**  
Aliso **3:5, 21, 23**  
Allriot **5:71, 143**  
Almaciles **8:163**  
Almendros **10:59**  
almond-shaped fittings **7:14, 15**  
Aloria **10:58**  
Alpera **7:114**  
Alpine foothills **2:10**  
Alps **2:9, 16, 18; 3:6, 13, 18**  
Althea **8:216**  
Altkalkar **10:127**  
Altmark **4:5**  
Alto Chacon **8:163**  
Alto de Benimaquia **8:225**  
Alto do Castelo **8:130**  
*alveus* **2:69, 73, 76**  
Alwalton **10:56**  
Alzec **2:17**  
Alzey **1:27**  
Amay **7:61, 63, 64, 90, 92**  
Amaya **11:22**  
Amazons **2:4**  
amber **2:3**  
    Route **3:47; 8:105**  
Ambianum **5:238**  
Ambleside **1:39**  
Ambroni **5:3**  
Ambrose **4:56**  
Ambrussum **8:284**  
Amerongen **3:17**  
Amida **5:101**  
Ammianus Marcellinus **1:148, 149,**  
    **150; 2:87, 101, 109; 3:8, 11;**  
    **5:101; 6:8, 61; 7:37, 39; 10:5, 10,**  
    **15; 11:63, 66**  
Ampurias **5:20; 6:22, 24; 7:24;**  
    **8:154, 160, 163, 175, 181, 262;**  
    **11:60, 61, 77, 78, 79, 80, 81, 85,**  
    **87, 91**  
analysis  
    chemical **4:90–3; 7:109–10**  
Anaunia **6:64**  
Andalucía **7:113, 114, 117, 118,**  
    **133; 10:57**  
Andernach **10:55**  
Angrivariwall **3:2, 24**  
Annaba **10:57**  
Annaeus Daverzus **3:82, 100**  
*annona* **2:68**  
Anonymus Byzantinus **6:24, 41, 43,**  
    **44**  
Anreppen **3:1, 3, 19, 21, 24**  
Antenociticus **10:3**  
*antepilani* **8:16**  
Anthaib **2:4**  
Anthée **7:66, 90, 92**  
Antico Gallina, M. **8:6**  
Antioch **4:59; 5:238; 6:61**  
Antonine Wall **1:1; 10:121, 122**  
Antoninus Pius **2:93; 6:110; 10:121**  
Antonius Pudens, L. **11:22**  
Antonius Senecio **1:10**  
Antony **2:118; 4:49; 8:62, 91, 303–4**  
Apamea **1:151**  
*apex* **7:27**  
Aphrodite **10:77**  
Apollo **1:40, 42**  
    Maponus **1:42**  
Apollodorus of Damascus **6:23;**  
    **10:10**  
Appian **2:87, 116, 118; 4:49, 51;**  
    **8:98, 123, 128, 313**  
Appuleius, L. **8:5**  
apron **3:81–102; 6:76, 91, 94, 97**  
Apronius Caesianus, L. **5:69**  
Apulia **5:20**  
Apulum **1:10, 13, 14; 6:111, 117**  
Aqueae Helveticae **7:27**  
Aqueae Querquennae **7:21–32**  
*aquila* **2:61, 110**  
Aquilaia **1:142, 147; 3:47; 4:4; 8:44,**  
    **105, 117; 10:23**  
*aquiliferi* **2:101, 118; 3:88**  
Aquincum **1:161; 7:28; 8:5**  
Arabs **2:18**  
Ara Pacis **5:49**  
amber **8:81**  
Arbles **8:280**  
Arbocala **8:216**  
Arbogastes **6:65; 7:44**  
Arcadius **4:63**  
    Column **1:139**  
Arch **10:6**  
    of Constantine **1:142, 143;**  
    **2:102, 108; 7:103; 10:104**  
    of Diocletian **1:142, 143; 10:24**  
    of Galerius **1:142, 143, 147;**  
    **2:102, 109, 107**  
    of Severus **1:139, 148**  
    at Lepcis Magna **1:140**  
Archimedes **11:68**  
*architectus* **6:23**  
    *armamentarii imperialis* **11:78**  
Arcóbriga **8:263; 10:58**  
*arcuballista* **6:7; 10:14, 15; 11:27**  
*arcuballistarii* **6:54**  
Arदानova **5:191**  
Aresaces **10:87**  
Arezzo **11:17, 20**  
Arganda **7:118**  
Argeliers **7:145; 10:55, 56**  
*aries* **8:37**  
Ariovistus **8:291**  
Ariulf **2:10**  
Arles **5:147**  
Arlon **7:63, 92; 8:77**  
*armamentaria* **4:61; 8:280; 10:122,**  
    **128**  
*armamentarii imperialis* **6:8**  
armguard **10:27, 31–3; 11:38 see**  
    *also manica*  
*armigeri* **1:148, 154**  
*armillae* **8:6, 8**  
Arminius **3:12, 19**  
armour **2:17–18, 67; 4:5; 5:33,**  
    **90–3; 8:4, 5, 6, 61–2, 311,**  
    **312–13; 10:23–5, 117; 11:40, 123**  
    body **5:16, 200, 203, 220**  
    horse **8:74, 76**  
    lamellar **2:12, 17**  
    mail **3:11, 46; 4:2–6; 5:93, 141,**  
    **156, 212, 217, 220, 245–52; 6:76;**  
    **7:43; 8:33, 95; 10:25, 27; 11:129**  
    scale **3:3, 20; 5:90–3, 156, 169,**  
    **212, 220; 6:1, 89, 94, 95; 8:97;**  
    **10:24, 27, 36, 40; 11:130–2**  
    segmental **3:46; 5:65, 90, 169,**  
    **201, 212; 6:45, 48, 71, 76;**  
    **10:27–41**  
    thickness **11:40**  
armoured cavalry **2:9**  
Armua **7:115, 116, 145**

- Arnelund 5:179, 232  
 Arnheim-Meinerswijk 5:72  
 Arrian 1:2; 2:40, 62, 74, 101, 105–6, 109; 3:6, 10, 11, 14, 16, 18, 28, 29; 6:41, 51, 53, 54; 8:312; 10:13; 11:100, 104, 108  
 arrow 2:4, 7; 3:3, 12, 13, 68, 116–17; 10:117  
   heads 2:4, 9, 16, 35, 40; 5:16, 17, 84, 156, 211, 220; 6:1, 74; 7:27, 70; 8:108, 111, 116, 118, 271, 272, 274, 277, 282; 10:27; 11:25, 27  
   humming-bulb 2:109  
   incendiary 8:272, 275  
   trilobate 2:4  
 Arruntius, M. 1:36  
 Arruntius Maximus, L. 8:7  
 Artabanus V 10:117  
 Artemon of Calzomene 8:207  
*artifex* 10:5  
 artillery 2:40; 4:48; 5:10; 6:5–55; 8:37, 201–26; 11:47–71, 77–100  
   bolts 5:9, 16, 17  
   shot 5:9, 16, 17, 19, 212; 8:97–8, 277, 279, 280; 10:5–17, 137–40; 11:137  
 Artorius, L. 8:5  
*ascia* 2:69, 74, 76  
 Asclepiodotus 11:104, 106, 109  
 Asculum 8:117, 280  
 Asia Minor 11:3  
 Asper 7:59, 92  
 Aspersdorf 2:4  
 Asse 7:5, 61, 84, 92; 10:100  
 Assipitti 2:4  
 Assurnarsipal 8:209  
 Astorga 10:59; 11:25  
 Atanagrum 8:216  
 Atel 6:118  
 Ateste 2:119  
 Atheneus the Mechanic 8:208  
 Athens 8:3, 73, 74, 92–3, 95, 97, 98, 99, 210, 225; 11:106  
 Atxa 7:24, 28  
 Aubagnan 4:4  
 Auch 8:284  
 Audoin 2:5  
 Auerberg 5:68, 72, 78; 8:181  
 Augsburg 2:65  
   Rathaus 1:59  
 Augsburg-Oberhausen 3:12; 5:74, 77, 159; 6:74  
 Augsburg-Pfersee 3:5  
 Augst 2:60, 62; 4:9–22; 7:7, 100; 10:74, 77  
*auguratorium* 4:39  
 Augustine 6:63, 64, 65  
 Augustodunum *see* Autun  
 Augustus 2:1–2, 69; 5:33, 35, 40, 53; 6:80; 7:38; 8:4, 6, 7, 75, 78, 313; 10:52, 115, 125, 133; 11:3, 19, 77, 87, 90  
 Aulnay-de-Saintonge 5:77; 7:70  
 Aulus Atticus 3:74  
 Aulus Postumius 8:65  
 Aurelian 1:7, 150; 2:101; 7:74  
 Aurelius Agricola 4:57  
 Aurelius Antipatros 1:142  
 Aurelius Avitianus, M. 1:140, 146  
 Aurelius Cervianus 1:153  
 Aurelius Justinus 2:83  
 Aurelius Sums 1:140, 146  
 Aurelius Symmachus, Q. 7:44  
 Austria 2:1, 4, 6–7  
 Autrigones 11:11  
 Autun 1:88, 94, 155; 5:49; 6:55; 10:15, 76  
*auxilia palatina* 7:37  
 Avar cemeteries 2:8, 9  
 Avars 2:1, 8–9, 16, 17, 20, 108  
 Avidus Cassius 2:67  
 Avila 11:11  
 Avoise 10:55  
 axes 2:2–4, 7, 67, 74, 76; 5:66, 150  
   battle 7:43  
 Azaila 8:181  
**B**  
 Bacchus 4:58  
 back-pack 2:84  
 Bacurius 7:39  
 Bad Cannstatt 1:17, 22  
 Baden 1:91; 5:48, 51, 53, 77; 7:27  
 Baden-Baden 3:88  
 Bad Kreuznach 3:82, 87; 10:57  
 Bad Wimpfen 5:75  
 Bäckerswiese 6:106  
 bag 2:77  
 Baginton *see* Lunt, The  
 Bajuvars 2:1, 16  
 Baldock 4:4, 5  
 baldric 1:17, 140; 3:67, 68; 5:199, 200; 6:116, 118, 120, 124, 126; 7:136; 11:11  
 Balares 5:20  
*ballista* 6:39, 43, 48; 8:37, 208; 10:5–10, 130  
   bolt 6:1, 45–6, 74; 11:33, 54, 77, 80, 96  
   elevating device 11:32–3  
   *fulminalis* 10:6, 7; 11:47  
   head 6:1, 53–4; 11:25, 27  
   *quadrifrotis* 10:6, 7  
*ballistarii* 1:150, 155, 156; 10:15–16  
   *seniores* 10:15  
*ballistra* 6:7; 10:5  
*balteus* 4:60; 11:3  
 Baltic 2:95  
 Banasa 1:92; 7:101, 104, 106; 10:57  
 Bank of England 5:21  
 Banthaib 2:4  
 Baou-Roux 5:7, 16, 20; 8:283  
 Barbarian Conspiracy 5:121  
 Barboasa-Galanesti 6:118  
 Barda Roba 8:117  
 Bardengau 2:2–4  
 Bardenwic 2:2, 4  
 Bardown 2:72  
 Bar Hill 1:2; 2:79, 91–3, 95–6; 10:121, 122  
 Barnstorf 5:199, 205, 206  
 Barsb 4:4  
 Barton Court Farm 5:121  
 Basel 2:60; 5:73, 75  
 Basil, Bishop of Caesarea in Cappadocia 4:58  
 baskets 2:67, 69, 72, 76, 77  
 Bassignana 8:6  
 Bastitania 8:217  
 Batavian revolt 7:59, 82  
 Bath 8:181; 10:7, 12  
 Batheia 8:217  
 Battle of Argenterate 2:101  
   Gaugemela 11:106  
   Gualdo Tadino 2:8  
   Issus 11:106  
   Pharsalus 11:46  
   Pydna 11:109, 111  
 Bavai 7:59, 66, 78, 92; 10:100  
 Bayeux Tapestry 3:18  
 Baza 8:163  
 Bearsden 1:2  
*bebras* 1:4  
 Bel 10:73  
 Bela Cerkev 8:116  
 Belgae 4:53  
 Belgrade 10:75  
 Belisarius 10:11  
 Bell 5:173  
 Belleville 5:18, 21  
 bells 4:81–2, 96; 5:128; 7:93; 10:2  
 belt 2:7, 17, 86; 3:81–102; 4:56, 57, 58, 59, 60, 61; 5:30, 33–53, 66, 93, 156, 212, 220; 6:108, 117, 118, 123, 124; 7:28, 103, 136, 138, 141, 142; 8:5, 56, 274, 293–5; 10:23, 55–60, 103, 104, 105, 106, 108, 112; 11:123  
   buckle 2:12 3:42; 6:105, 109, 115, 117, 120, 124, 128, 131, 134, 137, 138; 8:284; 10:55–60, 105, 108, 110; 11:25, 30–1, 32  
   fittings 2:9, 12, 16; 6:76, 89, 94, 95, 107, 108, 109, 110, 112, 115, 116–17, 118  
   hooks 2:93  
   plate 6:108, 111, 117, 124, 134, 137, 138; 10:55–60, 105, 108, 110; 11:123  
   pouch 2:7  
   stiffener 10:105, 110  
*beneficiarius* 7:61, 66  
   spear 3:90  
 Benevento 2:10; 8:8  
 Bentumersiel 3:3, 5  
 Bergamo 2:12; 3:89  
 Berghaltem 3:3, 4  
 Bergiliers 7:59  
 Berkasovo 7:103  
 Berlin 1:146  
 Berlitt 4:4  
 Berones 11:11  
 Berry-Bouy 5:11, 15; 8:49, 53, 256, 261, 266; 11:2  
 Bertoldsheim 1:147; 11:129  
 Besanon 5:17, 145; 8:117  
 Bethlehlem 4:61  
 Beth Shean 10:73  
 Béziers 10:56  
 Biala 3:45; 5:175, 183; 7:64  
 Bialosliwie 8:292  
*bidens* 2:69, 71, 76  
 Biberlikopf 8:116  
 Biely Kostol 5:220  
 Bienservida 7:113  
 billet (iron) 3:106, 107, 108, 118; 11:38  
 billhook 2:69, 89, 76  
 billycans 2:84, 89  
 Birdoswald 1:4, 109, 124; 2:92; 11:37  
 bit 1:67, 72; 3:73–8; 5:132; 6:78; 7:90, 107; 8:140, 196; 11:135  
   curb 1:67; 2:27, 29, 33; 3:73, 76, 78  
   snaffle 2:16, 27, 28–9, 32–3; 3:73, 74, 76  
   spade 1:67, 69  
 Bithynia 11:3  
 Biton 6:5; 8:208; 11:47  
 bitumen 3:117  
 Bizye *see* Vize  
 Bjärs 5:177  
 blacksmith 6:1, 2; 6:1, 2; 11:38–9  
   Roman 6:1, 2  
 Blancs Hotel 5:181  
 blanket 2:84  
 Blemmydes 4:62  
 Bockhorn 4:4  
 Bodegraven 1:146  
 Boe 4:4  
 Bohemia 2:1, 4  
 Les Bolards 1:94, 95; 7:102  
 Bologna 2:40  
 Boltersen 5:205  
 bolts 2:35, 40; 8:49  
   head  
   flat-bladed 3:111–14  
   pyramidal 3:111, 117  
 Bolu 1:140  
 Bonn 1:59, 91; 3:13, 82, 83, 85; 5:39, 40, 49, 173, 193; 8:77; 10:49, 51, 52, 57, 129, 133  
 Bonner Berg 1:110, 124, 125, 163; 10:129  
 Bonsin 7:72, 92  
 boots 2:115  
 Borani 2:62  
 Bordeaux 11:25  
 Bornholm 3:45  
 Borox 7:104, 105, 111, 113, 116, 118, 131, 145; 10:56  
 Borstel 4:4  
 Boscoreale 8:64  
 Boston, Museum of Fine Arts 10:1  
 Botorrita 11:21  
 Boudicca 1:84  
 Boulogne 10:100  
 Bourges 3:12  
 bows 2:7, 9, 16; 3:67, 68; 5:84; 7:24; 10:117  
   laths 5:84  
 Boyer 5:18; 8:49, 256, 261  
 Bracquemont 5:18, 21  
 Braives 7:9, 59, 92; 10:100  
 Bramsche 3:1, 16, 19  
 Brancaster 1:4  
 Brasov 2:38  
 brass 1:84; 7:4; 11:1, 3–4  
 Bratislava 5:223  
 Brecon Gaer 1:2, 91  
 Bregenz 5:73  
 Bremen-Hemelingen 5:205, 206  
 Breuvannes 5:17, 21

- bridles **2:9**, 16, 32  
 Brigetio *see* Szöny  
 Brincas **4:58**  
 Brislington villa **5:121**  
 Britain **5:33**, 43, 61, 145, 147;  
   **6:109**; **7:24**, 32, 110  
 Briteiros **8:162**, 163  
 British Mule Society **2:96**  
 Britius, M. **8:8**  
 Britons **4:42**  
 Brohltal **10:52**  
 Brokaer **4:4**  
 bronze spearheads **2:35**, 39–40  
 brooch **2:115**; **6:72–4**, 89, 105, 107,  
   108, 109, 115, 118, 126, 131,  
   134; **7:28**; **8:140**, 279; **10:90**  
   Alesia **7:28**  
   Arige **7:28**  
   Champdolent **7:103**  
   Colchester **7:103**  
   cruciform **11:25**, 28  
   Gala **7:103**  
   knee **10:2**  
   Sagvar **7:103**  
 Brough **1:39**; **10:41**  
 Brough-on-Humber **7:102**  
 Broxtowe **2:93**  
 Bruiu **6:116**, 118–21, 122, 123, 128;  
   **7:100**, 109  
 Brussels **7:92**  
 Brutobriga **8:127**  
 Brutus **2:116**, 118  
*buccellarii* **2:69**  
*buccellatum* **2:67–8**, 87  
 Buch **2:39**, 41; **4:17**; **6:111**  
 Buchhein **5:171**, 179  
*bucinator* **1:140**  
 Buciumi **1:13**; **2:39**; **6:108**, 117, 119;  
   **7:105**; **10:121**, 122  
 buckle **2:12**, 17; **7:7**, 61, 100, 103,  
   105, 106, 108, 112, 139; **11:18**;  
   *see also* belt buckle  
 Budapest **2:9**, 109; **3:88**; **5:72**, 85;  
   **7:28**  
 Buggenum **5:125**; **7:66**, 92  
 Bulgars **2:17**  
 bundle **2:77**, 80  
 Burejo **11:17**, 21  
 Burgh Castle **1:2**  
 Burghfe **1:91**  
 Burgundi **10:58**  
 burials **5:10–11**; **7:99**, 100, 101, 106,  
   107, 109, 111, 113, 134, 135,  
   136, 138, 139, 140  
 Burriac **8:205**, 223, 224, 262  
 Burrow Walls **1:39**  
*busta* **6:113–14**, 126  
 By Hole **5:179**  
 Byzantium **2:9**, 19–20
- C**  
 Cabecico del Tesoro **8:155**, 160,  
   161, 163, 256  
 Cabezo de Moneln **8:205**  
 Cabezo de Vaiamonte **8:125**, 162,  
   163  
 Cabezo Lucero **8:155**  
 Cabrera de Mar **8:262**  
 Cabriana **7:99**, 101, 104, 105, 108,  
   109, 114, 115, 116, 117, 140;  
   **10:58**  
 Cceres el Viejo **7:24**; **8:41**, 49, 56,  
   130, 131, 181; **10:59**  
 Caelius, M. **3:5**; **8:5**  
 Caen **7:102**  
 Caerleon **1:2**, 147, 151; **2:93**; **3:102**;  
   **105**; **4:4**; **5:72**, 76, 77; **6:109**;  
   **8:280**; **10:35**, 41, 49, 51, 52  
 Caernarvon **1:3**; **2:60**, 62  
 Caesar *see* C. Iulius Caesar  
*caestus* **2:80**, 85  
 Calagurris **11:19**  
 Calataazor **7:105**, 117  
 Caldelas de Tuy **8:162**, 163  
*caligae* **2:89**; **5:93**; **7:28**  
   *fascia* **2:80**, 89  
 Caligula **5:33**, 35, 45; **6:91**; **7:63**;  
   **10:93**; **11:68**  
 Cal Mercader **7:115**  
*calo* **1:140**  
 caltrop **2:60**; **4:50–2**  
 Calveotius Victor, M. **1:13**  
 camels **2:68**; **4:42**  
 Camin **4:4**  
 Caminreal **6:45**; **8:159**, 167–96;  
   **11:43**, 60, 77, 78, 79, 80, 81, 87,  
   91  
 campaigning season **4:23**  
*campestris* **6:18**  
*canabae* **5:63**  
 Can Bosch de Basea **7:101**, 114;  
   **10:55**, 58  
 Cancellaria relief **3:90**, 100; **10:88**,  
   91, 92  
 Can Miralles **8:154**, 160, 163, 262  
 Cannae **1:149**; **8:156**, 254, 268  
 Cannstatt **7:72**, 102  
 Cantabri **4:42**; **8:125**; **11:11**  
 Cantabrian Wars **11:17**  
 canteen **2:79**, 84, 89  
 Canterbury **5:83**; **10:2**  
 Canton Ticino **2:17**  
 Canuleius, L. **8:226**  
 Capidava **6:114**  
*capitula campestris* **6:18**; **11:47**  
*capitulum* **8:169**, 170, 173, 176, 179,  
   181  
 Capote **8:125**, 130, 131  
 Cappadocia **3:10**  
 capricorn **10:52**  
 Capua **1:59**; **8:8**; **11:21**  
*caput columellae* **6:41**  
 Caracalla **2:68**, 78, 89; **6:118**; **8:100**;  
   **10:117**, 121  
 Carasta **8:137**, 141–3  
 Carissius, P. **8:129**  
 Carlingwark Loch **4:4**  
 Carlisle **1:3**, 39, 110, 124; **4:101–2**;  
   **8:311**, 312, 314; **10:27**, 35, 36,  
   37, 38, 40, 41, 45; **11:121–2**  
*carnis* **2:67**, 69  
   *verbecina* **2:68**  
 Carnuntum **1:140**; **2:4**, 39, 41, 109;  
   **3:47**; **4:4**, 17; **5:30**, 72, 76, 77,  
   83, 85; **6:106**; **10:2**, 33, 34, 35,  
   36, 37, 38, 40, 89, 92, 121  
*caryceus* **2:101**  
 Carolingian cavalry **2:108**  
   court **2:18**  
 Caron of Magnesia **8:208**  
*carpentum* **10:23**  
 Carpetania **8:216**  
 Carpio de Tajo **7:101**, 113; **10:58**  
 Carpow **1:147**  
 Carrascosa del Campo **7:104**, 109,  
   116  
 Carrawburgh **5:252**; **10:3**  
 Carrhae **3:27**  
*carroballista* **6:7**, 39, 41, 46, 48, 52,  
   54, 55; **10:5**, 6, 7; **11:91**, 92, 97,  
   100  
*carruca* **10:22–3**  
 carrying pole **2:77**, 96, 89  
 cart **2:69**  
 Cartagena **8:268**; **11:96**; *see also*  
   Carthago Nova  
 Carthage **4:24**; **8:280**  
 Carthago Nova **8:157**, 216  
 Carvoran **1:2**, 3, 4  
 Casale delle Cappellette **8:5**  
 Casol de Puigcastellet **8:224**  
 Casolt **6:110**, 112, 114, 121  
 Cassaco **3:89**  
 Cassel **10:100**  
 Cassianus **10:3**  
*cassis* **3:5**  
 Cassius Dio **2:4**; **3:5**, 6, 18; **4:50**;  
   **5:238**; **6:8**, 46, 120  
 Castaca **8:217**  
 Castejn **7:114**  
 Castellar de Meca **8:223**  
 Castellet de Banyoles **8:211–23**,  
   226  
 Castellet de Bernab **8:223**  
 Castellón **7:101**  
 Castellones de Ceal **8:155**, 161, 163  
 Castellruf **11:43**  
 Castelo da Lousa **8:129**  
 Castelo de Aljezur **8:159**, 162, 163  
 Castelo de Neiva **8:162**, 163  
 Castel Trosino **2:2**, 12, 16–17  
 Castillejo **4:24**; **7:101**, 105, 110,  
   114, 115, 117  
 Castillo Billido **7:116**; **10:55**  
 Castillo de Carpio Bernardo **10:58**  
 Castillo de Soria **10:58**  
 Castleford **1:110**; **10:51**  
 Castlehaven **4:4**  
 Castleshaw **2:74**  
*castrense peculium* **4:62**  
 Castricius Victor, C. **1:161**; **3:88**;  
   **8:5**  
 Castro de Capote **8:225**  
 Castro de Viladonga **10:58**  
 Castro de Yecla **10:56**  
 Castro Ventosa **10:58**, 59  
 Cstulo **7:99**, 115; **8:217**  
*cataphracta* **1:148**  
*cataphractarii* **1:139**, 148, 150, 154,  
   156  
*cataphracti* **11:38**  
 catapult **2:80**; **6:5–55**; **7:24**, 27;  
   **8:115**, 169–81; **10:5**  
   missiles **2:40**; **7:27**; **8:108**, 111,  
   115, 116, 118, 274, 275, 277, 281  
 Catius Libo Nepos, G. **7:82**  
 Cato **2:73**, 78  
 Catullus **2:77**  
 Caucasus **3:47**  
 Cavaillon **8:284**  
 Celeia **2:83**; **10:57**  
 cavalry; equipment **6:74**, 78–80, 89,  
   94, 96–7; **7:107**  
   legionary **3:62**  
 Cave's Inn (Tripontium) **10:56**  
 Cawthorn **4:30**  
 Celeia **2:83**; **10:57**  
 Celles-les-Waremme **7:7**, 100, 108  
 Celtiberi **11:11**  
 Celtiberian war **4:23**  
 Celts **5:33**, 43, 45, 48, 68, 134, 211  
 centurion **1:163**; **2:116**, 119;  
   **4:26–30**, 40, 57, 58; **8:5**, 6, 8, 13;  
   **11:46**  
 Cercko **8:116**  
 Cerro de los Angeles **7:105**, 113,  
   115  
*cervicibus* **2:68**  
 Cervidius Scaevola, Q. **10:115**, 116,  
   117, 118  
*cervoli* **4:50**  
 Cestrophendone **2:62**  
*cestros* **2:62**  
 Cetate-Razboieni **2:35**, 38, 56;  
   **5:143**; **6:115**  
 Cetateni **4:4**  
 Chaeronea **8:91**  
 chain **2:67**, 74, 77, 76; **4:88**, 96  
 Chalcis **8:91**  
 Chalons-sur-Saône **5:143**, 145, 147,  
   148, 152; **7:64**, 86, 102; **8:56**;  
   **11:21**  
 chamfrons **2:109**; **5:128**; **11:21**  
 charcoal **3:106**  
 Charlemagne **2:1**, 18  
 Charles Martel **2:18**  
 Charnay-Lès-Chalon **5:145**  
 Chassenard **3:11**; **4:4**; **5:35**, 43;  
   **7:70**; **8:72**; **11:129**  
 Chataka **6:78**  
 Chatsworth relief **3:90**  
 Chatti **7:59**  
 Chauci **7:59**  
 Chauny **7:70**  
 cheekpieces **5:84**, 156, 159; **8:73–6**,  
   91, 156  
 cheek pricker **2:28**  
 Cheine **4:4**  
*cheiroballistra* **6:5–55**; **10:5**, 6, 7,  
   13–14, 15, 16–17; **11:47–71**, 77,  
   78, 90, 91–100  
 arch **6:18**, 24–6, 29, 31, 38, 48;  
   **11:57**, 61, 62, 96, 97  
 arms **6:31–4**; **11:59–60**  
 bars **6:21**, 22–4, 29  
 beams and rungs **6:29**  
 bronze cylinders **6:22–4**  
 case and slider **6:10–13**, 19, 39,  
   40, 48, 50, 51; **11:48–50**, 62, 63,  
   97  
*cheirolabe* **6:16**; **11:53**  
*chelonium* **11:48**  
 claw **11:53**  
 crescent-shaped fitting **6:12–13**  
 field-frames (*kambestria*)  
   **6:17–22**, 26, 29, 36, 45, 50, 51;

- 10:6, 7, 13; 11:54–6, 60, 61, 62, 63, 68, 70, 94, 96**  
 covers **6:46, 51**  
 fork **11:53**  
 iron bars **6:19**  
 ladder **6:19, 21, 26–31, 34, 48; 11:47, 54–6, 57–9, 61, 62, 94, 97**  
 locking rings **6:36–8**  
 missile **11:66–8**  
*pittarion* **6:16, 18, 22, 25, 38; 11:53–4, 61, 62, 94**  
 rings **6:21–2, 31**  
 slider **11:50–2, 62, 97**  
 spring-cord **6:42–5, 50**  
 stand **6:41–2, 51; 11:98–9**  
 T-clamps **6:29–31**  
 tenons **6:31, 34**  
 trigger-mechanism **6:13–17, 51; 11:52–4**  
 universal joint **6:41; 11:98–9**  
 washers **6:22, 23, 29, 44, 45, 50; 11:56–7**  
 windlass **6:38–41**
- Chelmsford **1:10**  
*chelonium* **6:11**  
 Chemin des Romains **10:57**  
 Chemtou **8:61, 66**  
 Cherson **11:91, 92**  
 Chersonesos **10:15**  
 Cherusci **3:19, 20**  
 Chessels **5:122**  
 Chester **1:140, 146; 2:102, 106; 4:30; 5:74; 10:41**  
 Chesterholm **7:32**  
 Chesters **1:4, 18–19; 4:4; 7:102, 104; 11:21, 93**  
 Chichester **3:102; 6:109, 116; 10:41**  
 chip-carved decoration **5:104; 7:104, 111**  
 Chi-Rho monogram **5:104**  
 Chisphin *see* Khisfin  
 Chmielw Piaskowy **5:177**  
 Choes de Alpomp **8:130**  
 Chorula **5:246**  
 Chouy **7:113; 10:60**  
 Chozas de Canales **7:104, 117, 118**  
 Christ **2:79**  
 Christopher **4:59**  
 John Chrysostom **1:148**  
*cibaria* **2:65, 67–8**  
*cibum* **2:67**  
 Cicero **2:67, 116, 118; 8:4; 11:114**  
 Cidadela **7:24, 101, 113**  
 Cieblowice **5:175, 246**  
 Ciel **5:18, 21**  
 Cigarralejo **8:151, 154, 155, 157, 160, 163, 256, 263, 264**  
 Cilicia **11:3**  
 Cimbri **5:3; 11:43, 114**  
 Cincor **6:115, 120**  
*cinctorium* **8:4**  
*cingulum* **3:6; 4:58; 10:55–60; 11:1**  
*see also* belt  
 P. Cippius Nicomachus **5:150**  
*cippi* **8:279**  
 Circello **8:8**  
 Cirencester **5:120; 7:102; 8:77**  
 Cisalpina **2:119**  
 Cissis **8:216**
- Ciumcesti **4:4**  
 Cividale **2:2, 12, 18**  
 Civilis **5:127, 162; 7:82**  
*classis Flavia Moesica* **6:114**  
*Germanica* **7:59, 84; 10:125**  
 Claudian **2:101; 6:65**  
 Claudius **3:29; 4:60; 5:45, 53, 127, 159; 7:63; 8:78; 11:88**  
 Claudius II **7:80**  
 Claudius Maximus, Tib. **8:100**  
 Claudius Montanus, V. **1:13**  
 Claudius Ptolemy **2:2**  
 Claudius Quadrigarius **8:253**  
*clavarium* **2:89**  
*clavi caligae* **7:28**  
*clavicula* **4:33, 47, 52**  
 Clef **2:9**  
 Cleopatra **8:91**  
*clibanarii* **1:139, 148, 150, 154, 155**  
*clipeus* **8:14**  
 cloak **2:115; 4:58; 8:4, 5; 10:22**  
 Cloche **8:284**  
 clothing **11:124**  
     women's **4:59**  
 Cluj **2:38**  
 coal **3:106**  
*Codex Iustinianus* **10:117**  
 Coelius **5:49**  
*cofinus* **2:69, 73, 76**  
*cognomen* **8:6**  
 cohort **4:35, 37, 42, 44, 45**  
     *V Asturum* **3:83**  
     *I Augusta Ituraeorum sagittariorum* **1:13**  
     *I Breucorum c.R. equitata* **2:39**  
     *II Brittonum* **1:13**  
     *I Celtiberorum* **7:21**  
     *I Classica p.f. Domitiana* **11:21**  
     *II Delmatarum* **1:4**  
     *III Delmatarum miliaria equitata* **6:117**  
     *equitata* **4:33**  
     *equitata sagittariorum* **3:67**  
     *I Flavia Commagenorum* **6:114**  
     *II Flavia Bessorum* **6:115, 120**  
     *I Flavia Canathenorum* **3:28**  
     *II Flavia Commagenorum equitata sagittariorum* **2:38; 6:115**  
     *II Flavia Numidarum* **6:117, 120**  
     *I Gallica* **10:59**  
     *equitata civium Romanorum* **7:21; 11:22, 25, 31**  
     *V Gallorum* **1:4**  
     *I Germanorum* **6:114**  
     *I Hamiorum* **1:4**  
     *I Hispanorum miliaria equitata* **6:109, 110, 119**  
     *I Lucensium Hispanorum p.f.* **10:52**  
     *III Lusitanorum* **11:22**  
     *Marmaritarum* **4:59**  
     *II Nervia Brittonum miliaria* **6:117, 119**  
     *XX Palmyrenorum* **10:24**  
     *I Pannoniorum* **3:87**  
     *Parthorum* **11:22**  
     *IX Praetoria* **3:89**  
     *Raetorum* **3:83**
- VII Raetorum* **3:86**  
*I Sagittariorum* **3:82; 6:118**  
*I Senuci* **2:62**  
*VI Thracum equitata* **6:119**  
*Tungrorum* **7:59**  
*I Tungrorum* **1:4**  
*I Ubiorum* **6:114**  
*XIII Urbana* **5:145**  
*I Vangionum* **10:3**  
*Vindellicorum* **6:119**  
*VIII Voluntariorum* **3:89**  
*XX Voluntariorum c.R. p.f.* **10:47, 52, 53**
- Cohors Quinta Gallorum  
 ('Quinta') **11:129–33, 136, 137**  
 coifs **1:145, 151**  
 coins **6:80–2, 89, 98, 112, 113, 118, 126, 128**  
 Cola de Zama **8:162, 163**  
 Colchester **1:12, 91; 2:93; 4:4; 5:33, 70, 72, 75; 7:74, 102; 10:55, 56**  
 Sheepen **3:102**  
 Collado de los Jardines **8:157, 162, 163; 10:58**  
 Coll del Moro **8:205**  
 Colmschate **5:205**  
 Colonia **7:106**  
 Colonia Ulpia Traiana **5:155, 160, 162**  
 Comacchio **11:2, 4**  
*comes commerciorum* **10:117**  
     *et dux Aegypti* **4:55, 63**  
     *Africae* **4:56, 57; 6:65**  
     *Iovianorum et Herculanorum* **6:61**  
     *Orientis* **6:61**  
     *sacrarum largitionum* **10:117**  
 comitatenses **10:59**  
 Commodus **5:202; 10:125**  
*concaedes* **4:50**  
 Concarneau **7:105**  
 Concesti **1:147**  
 Concordia **5:68, 72**  
*conductores armorum* **1:10**  
*congeries armorum* **3:91**  
 Conimbriga **7:28**  
 conservation treatment **4:90**  
 Constans II **2:10**  
 Constantine I **5:217; 6:63, 65, 66; 7:39; 11:91**  
 Constantine II **5:121**  
 Constantine III **5:105; 10:59**  
 Constantine IV **2:18**  
 Constantinople **6:64; 7:37, 44; 10:117**  
 Constantius II **1:148; 2:101, 109; 3:8; 5:217; 7:43, 44, 112**  
*contubernia* **2:76, 77, 84; 4:30**  
*contus* **5:84**  
 Conversano **8:69**  
 cooking vessel **2:84**  
 Coolus **5:18, 21**  
 Copaceni **4:17; 6:117; 10:90**  
*cophini* **2:72**  
 Copaceni **2:35, 38, 41, 53**  
 Corbridge **1:1, 2, 19, 39, 42; 2:40, 83; 5:77; 6:52; 7:24; 10:41; 11:21, 123, 133**
- Hoard **10:2, 27, 36, 37, 40; 11:133, 135**  
 Corbulo **2:66, 73; 10:25, 45, 52, 53**  
 Corconne **5:20**  
 Crdoba **10:21–5**  
 Corinth **8:91, 95–7, 100**  
 Corippus **8:280**  
 Cornelius Fuscus **6:8**  
 Cornelius Sulla, L. **8:65, 91, 97, 98**  
*cornicines* **2:101; 3:90**  
*corniculum* **1:163**  
*cornu* **11:123**  
*cornucopia* motif **5:43, 45**  
*corona* **8:8**  
     *civica* **5:40, 43, 159; 6:112, 121**  
 Cortil-Noirmont **7:59, 92**  
 Cos **8:220**  
 Costedt **5:199**  
*cothurnus veneticus* **10:22**  
 Cottidius Attianus **3:89**  
 counterplates **2:17**  
 counts **2:10**  
 Coventina's Well **10:3, 100**  
 crane **1:43–59**  
 Crassus **2:67, 88**  
 Cremona **2:90; 6:45, 46; 8:7, 181; 10:12, 137, 138**  
     battle-shield **11:78, 80, 87, 88–9**  
 Crimea, gravestones **2:102**  
 Crispus **2:87**  
*cristae* **7:27**  
 Cristesti **6:112, 114**  
 Cristurul Secuiesc **6:105–8, 121, 122**  
 crossbow **10:5–6, 11–12, 14**  
 crucibles **2:36**  
 Ctesibios of Alexandria **8:208; 11:77, 96**  
*cucullata* **10:22**  
 Cuenca **7:115; 10:59**  
 Cueva de los Murcilagos **10:58**  
 Cueva del Pany **10:57**  
 cuirass **2:66, 79**  
*cuneus* **4:63**  
     *Frisionum* **1:4**  
 Cupid gem **6:10, 40, 41, 42, 51**  
 Crel **5:68, 73**  
 Curtius Rufus, Q. **8:280**  
*custos armorum* **3:89**  
 Cynoscephalae **8:91**  
 Cyrus, Bishop of Cotyaeum **4:58**
- D**  
 Dacia **2:40–1; 3:8; 4:13, 15; 6:8, 105–38; 7:70, 102, 105, 112; 11:37**  
     Inferior **2:35, 38**  
     Porolissensis **2:38**  
     Superior **2:38**  
 Dacians **4:42**  
 dagger **1:104, 105, 106; 2:86; 3:67, 68, 101; 5:15, 17, 19, 45, 53, 59–78, 133, 143, 145, 169, 220; 6:76, 77, 89, 94; 7:66; 8:56, 129, 131, 139, 141–3, 143–7, 194, 234, 244, 247; 10:121–3; 11:11–16, 125, 130**  
     handle **3:37–8**

- manufacturing process  
**11:12–14**  
 Monte Bernorio **11:11–16**  
 scabbard **1:104, 105, 106; 8:56; 10:121, 123; 11:2, 11, 125**  
 Dahlhausen **4:4**  
 Dalmatia **6:113**  
 Dalton Parlours **5:121; 7:102**  
 Damascus **10:73**  
 Damascus, Pope **4:59**  
 Damius of Colophon **8:208**  
 Danebury **5:121**  
 Dangstetten **4:30; 5:33, 35, 71, 73, 78, 160**  
 Danube **2:3–4, 7, 9, 41, 65–6; 3:10, 46, 47, 76; 4:33; 5:147, 202, 211, 223; 7:14, 110; 8:4; 11:1, 47**  
 Darmstadt **3:102**  
 Darzau **2:2**  
 Dea Dardanica **6:114**  
 Decebalus **5:202; 6:8**  
 Decius Iunius Brutus **8:127, 129, 130**  
 decoration **2:37; 8:61–82**  
 decurions **4:40, 42**  
*decursio funebris* **3:12**  
 Delos **5:15; 8:49, 53, 56, 97, 240, 249, 256, 260, 261, 266, 268, 311, 314; 11:2, 3, 4**  
 Delphi **8:64, 91; 11:109**  
 Demetrias **8:91**  
 Denmark **5:227–39**  
*de Rebus Bellicis* **1:146, 148; 2:59; 10:6, 24; 11:47**  
 Dertona **8:6**  
 Derveni **8:64**  
 Desiderius **2:18**  
 Despeaperros **8:128**  
 Dessau-Grosskhnau **4:4**  
 Deurne **7:51–3**  
 Dvin **5:217**  
 Diana **5:185**  
 Didius Gallus Fabricius Veiento, A. **10:87, 93**  
 Dieburg **3:68**  
 Diever 'Paasberg' **4:5**  
 Digest **7:24; 10:115**  
*digmata* **1:162, 163**  
 Dimeser Ort **3:92, 93**  
 Dinant **7:92**  
 Diocletian **1:140; 2:59, 116; 4:56; 5:147, 201, 238; 10:134**  
 Price Edict **2:74**  
 Diodorus Siculus **8:123, 295**  
 Dionysius of Alexandria **11:96**  
 of Syracuse **6:55; 8:207**  
 Dionysus **10:77**  
 of Halicarnassus **8:279, 280**  
 discoid fittings *see phaleræ*  
 disks **4:73–6**  
 ditches **2:69; 4:46; 10:96–7, 100, 104**  
 Punic **4:46**  
 V-shaped **4:46**  
 Dobroudja **6:105**  
*doctor fabrorum* **10:125**  
 Dodona **8:73, 94, 95, 97, 99**  
 Dottenbichl **8:116**  
*dolabra* **2:69, 73–4, 81, 76, 82; 3:5; 5:159, 212; 7:90; 10:130**  
 Dollart **3:1**  
 dolphin scabbard runners **4:101–2**  
 Domitian **1:48, 85; 3:94; 4:33; 5:202, 211; 10:47, 52, 87, 91, 93, 103; 11:78**  
 Domitius, C. **8:7**  
*dona militaria* **1:163; 8:6, 8**  
 Doncaster **1:2; 2:60, 62; 10:51, 52**  
 Dongjum **5:205, 206**  
 Donnerskirchen **6:106**  
 Doorwerth **1:82, 84, 91, 93; 3:61**  
 Dor **8:301**  
 Dorchester **1:10**  
 Dormagen **10:128, 133**  
 Dormitio St Mariae monastery **8:301**  
 Doubs **5:18, 141, 143; 7:64**  
 Doukhowa-Moghila **7:7**  
 Dourbes **7:70, 92**  
 Dovadola **8:49**  
*draco* **1:152; 2:101–6, 108–10; 3:6, 11, 16, 28**  
*draconarii* **2:101**  
 dragons **2:109**  
 Dramont **5:20**  
 Drenthe **4:2, 5**  
 drinking vessel **2:84**  
 Drobeta **1:11; 6:105, 116–18, 121, 123, 137; 10:75**  
 Drochlin **5:245, 246**  
 Droctulf **2:10**  
 Dronrijp **5:205, 206**  
 Drusus **3:12; 5:39, 40, 125; 7:61**  
 Drusus II **5:40, 45, 48, 49**  
 Duero **11:11**  
 dukes **2:10**  
 Dunafoldvar **5:72**  
 Dunapentele **7:104**  
*duplicarii* **4:40**  
 Dura-Europos **1:10, 92, 144, 145, 146, 153, 154, 163; 2:83, 87; 3:11, 67; 4:12; 5:85, 212; 6:45, 117, 118; 7:102, 104, 105; 8:313, 314; 10:10, 24, 25, 51, 52, 74, 76, 77; 11:66, 67, 68, 93, 94, 96, 99**  
 Duratn **7:104, 106, 117**  
 Durme **7:86, 90, 93**  
 Durostorum *see* Silistra  
*dux* **7:48**  
*Mesopotamiae* **10:117**  
**E**  
 eagle **3:44, 45; 6:66**  
 motif **5:90, 169, 181, 183, 185, 233, 237**  
 Ebro **11:11, 17, 25**  
 Eburones **8:304**  
 Ede **5:205, 206**  
 Edessa **10:117**  
 Egge **3:45; 5:181, 185; 7:64**  
 Egypt **2:89**  
 Ehl **10:90, 91**  
 Eich **1:27–36**  
 Eikenhoek **7:84**  
 Einang **5:179**  
 Eining **1:147; 3:14; 10:27, 35, 36, 37, 38, 121**  
 -Unterfeld **1:153; 6:111**  
 Ejsbol **3:45, 46; 5:185, 227, 232, 233, 238**  
 North **5:177, 179**  
 South **5:179**  
 Elagabalus **10:116**  
 El Atance **8:256, 263, 266**  
 El Bassa **10:76**  
 Elbe **2:1–2, 4–5, 7, 19; 3:1, 6, 19, 20, 45, 46; 5:199, 202**  
 El Brull **8:224, 225**  
 El Castillo **11:20**  
 elephant **5:27**  
 El Espirido **10:59**  
 Elewijt **7:59, 61, 92; 10:100**  
 Elginhaugh **10:2, 7, 12, 138; 11:57, 67**  
 Elis **8:74**  
 Ellerup **5:185**  
 ellipsoid fittings **7:14**  
 El Oral **8:205, 225**  
 El Roc d'Enclar **10:57**  
 Els Vilars **8:205**  
 El Tarartaro **8:205**  
*embades* **10:21**  
 Emerita Augusta **7:103**  
 Emesa **8:72**  
 Emeterius **4:62**  
 Emilia **2:9–10**  
 Emlichheim **10:52**  
 Empel **7:9, 15, 82**  
 Emporion **8:210, 211, 216, 225; see also Ampurias**  
 Ems **3:1, 5, 19, 23**  
 enamel decoration **5:33–5, 53, 93, 145; 7:2, 4**  
 champlévé **7:2**  
 cloisonné **7:2**  
 Ennius Fuscus, Ser. **3:89**  
 Enns **1:140**  
 Entremont **5:3, 7, 9, 16; 8:44, 97, 115–16**  
 entrenching tool **2:71, 69**  
 Enverneu **4:4**  
 Ephesus, Council of **7:44**  
 Ephyra **6:24; 8:41, 44, 97, 115, 117, 173, 181; 10:7, 12, 15, 138; 11:43, 57, 67**  
*epikampion* **8:207, 210**  
*epizygis* **8:170, 173**  
*eques duplicarius* **11:22**  
*equites* **4:63**  
*catafractorum clibanariorum* **1:140**  
*Crispiana* **2:62**  
*legionis* **1:154, 156; 2:41**  
*promoti* **1:156**  
*singulares Augusti* **1:140; 4:38, 41, 42**  
 Ereuko Ariziti **7:100**  
 Eretria **8:91**  
*ericus* **4:50, 52, 53**  
 Ermine Street Guard **2:84, 87, 90; 11:119–25, 136**  
 Erpersdorf **2:4**  
 Escaut **5:147**  
 Es-Souma **5:33; 8:50, 53, 67, 116, 256, 261**  
 Estremera **7:110, 114, 115, 116**  
 Etruscans **1:18**  
 Eucherius, Bishop of Lyons **4:60**  
 Eugenius **6:63, 64, 65; 7:43, 44, 45**  
 Eumenes II **11:77**  
 Eunapius of Sardis **6:66**  
 Euphrates **4:12**  
 Euryalus **8:210, 223**  
 Eusebius of Caesarea **6:63**  
 Eustathius **10:117**  
 euthytone **6:33**  
 Eutropius **4:56**  
*evocatus Augusti* **6:8**  
 Evreux **1:92; 10:56**  
 Exarchate **2:18**  
*exercitales* **2:10**  
*exercitus Illyricianus* **4:16**  
 Exeter **5:74; 8:56**  
**F**  
 Fabius Maximus, C. **8:128**  
 Fabrgues **5:18, 20**  
*fabrica* **1:148, 150, 154; 6:55; 7:40, 43; 10:122, 125–34; 11:90**  
*armorum* **10:15**  
*ballistaria* **10:15**  
*fabricenses* **7:53**  
 faceted socket **2:37**  
*faenum* **2:74**  
 Faimingen **6:119; 7:104**  
*falarica* **6:51**  
*falcata* **8:131, 156, 157, 193–4, 251, 255, 258, 259, 263**  
 Falces **7:101, 114**  
 Faltonius Secundus, C. **3:86**  
*fals* **2:74, 77, 89, 76; 11:37–41, 113; messoria** **2:74**  
 Famars **7:78, 92**  
*faræ* **2:9**  
 Faroald **2:10**  
*fasciae* **2:80, 85**  
*fasciculos* **2:78**  
 Faustina the Elder **5:217; 6:116**  
 Fayum **2:87; 10:51**  
 Feddersen Wierde **5:205, 206**  
 Feld **2:5**  
 Feldberg **7:104**  
 Feldioara **6:108, 117, 120**  
 Felicitas **5:49**  
*ferculæ* **10:23**  
*ferentarii* **1:151**  
 ferrule **2:38; 8:234**  
 Feurs **7:7**  
 fibula **1:51, 53, 54, 57, 59, 84; 7:28; 10:21**  
 Fides **5:49**  
 fire arrow **3:116, 117, 118**  
 Firenze **2:101–2**  
 Fjälls **3:45; 5:233**  
 Flavin **1:92, 94, 95**  
 Flavianus **1:161, 162**  
 Flavius Arrianus *see* Arrian  
 Flavius Eleutherius **4:55, 63**  
 Flavius Josephus **8:18, 303**  
 Flavoleius Cordus, P. **2:83; 3:86**  
 fleets  
 Misenum **4:42**  
 Ravenna **4:42**  
 Flemalle **7:61, 92**  
 Flevum **6:99**

- Florus **3:6**; **8:123**  
 Fluitenberg **4:1–8**  
*focale* **11:123**  
*foederatae* **1:149**  
*foramina* **8:176, 179, 181**; **10:10, 12**  
*forfex* **7:28**  
 Fornovo San Giovanni **2:12**  
 fortifications **4:46–8**  
 Fortuna **5:49**  
 Forum Augusti **3:45**  
 Forum Novum **5:20**  
 Fosos de Bayona **8:162, 163**  
 Francia **2:18–19**  
*franciscae* **2:7**  
 Franeker **5:205, 206, 207**  
 Frankfurt am Main **3:37–8**  
     cathedral **5:27**  
     Heddernheim *see*  
     Heddernheim  
 Franks **2:1, 5, 10, 18**; **6:65**  
 Fremington Hagg **1:82, 84, 91**  
 Frénouville **10:57**  
 Frenz **7:7, 101, 109**  
 Frigidus, battle of **6:63, 64, 65, 66**;  
     **7:37, 44**  
 Frisians **6:89, 94, 99–103**  
 Friuli **2:9, 11–12**  
 Frontinus **2:65, 78**; **3:23**; **6:55**  
 Fronto **11:40**  
 frontón **8:255, 263**  
*frumentum* **2:67–8**  
 Fuente la Higuera **11:21**  
 Fuentespreadas **7:99, 101, 104, 107**,  
     **108, 109, 110, 113, 114, 116**,  
     **117, 118, 134, 135, 136**; **10:58**  
 M. Fulvius Flaccus **5:7, 9**  
*funditores* **10:16**  
*furca* **2:65, 81**  
*furfooz* **10:57**  
*furs* **2:3**
- G**  
*Gac* **3:45**; **5:173, 183**  
*gaesatii* **1:2, 4, 5**; **4:42**  
*gaesum* **7:24**  
 Gaius Caesar **5:39, 40**  
 Gala **10:55**  
*galea* **3:5**  
 Galerius Maximianus **4:58**  
 Gallia **3:8, 12, 16, 27, 46**; **7:112, 113**  
     Cisalpine **11:4**  
 Gallic empire **4:16**  
 Gallienus **2:101**; **3:6, 11**; **4:11, 15**,  
     **16**; **7:74**  
 Gamala **1:153**  
 Gammertingen **4:2, 4**  
 Gamzigrad **1:10, 142, 147**  
 Garderen **4:4**  
 garland **3:45**  
*gastrophetes* **6:12–13, 16, 39**; **10:11**,  
     **12, 14, 15**; **11:50, 53, 64, 65, 66**,  
     **94**  
 Gaul **2:67, 116**; **4:23, 53**; **5:3–21, 61**,  
     **134, 141, 145**  
 Gauls **2:81**; **5:125**  
 Gelduba *see* Krefeld-Gellup  
 Geneva **1:145**  
     Missorium **7:48**  
 Genezareth **10:73**
- Genialis **3:86**  
 Georgia **2:59**  
 Gepid Wars **2:20**  
     weapon graves **2:7**  
 Gepidia **2:6, 9**  
 Gepids **2:1, 5, 8–9**  
 Germania **7:112**  
     Inferior **5:125**; **6:109, 113**; **7:24**;  
     **10:125–34**  
     Libera **3:5, 6, 11, 16, 19, 21, 29**,  
     **41, 42, 43, 46, 47**; **6:106**; **10:118**  
     Secunda **5:125**  
     Superior **2:41**; **7:7, 9, 24**; **10:122**,  
     **133**  
 Germanicus **3:4, 12, 20**; **4:50, 51**;  
     **5:40, 125**; **6:89**; **7:61**; **10:52**  
     Gemellus **5:45, 48**  
 Germans **2:9**; **5:68, 169, 251**  
 Germany **2:67**; **4:24, 30**; **5:51, 61**,  
     **125**; **6:120**  
     Free *see* Germania Libera  
 Gerontius **10:59**  
 Gerulata **5:84, 211–17**; **6:113**  
 Getafa **7:112**  
 Gherla **1:11**; **2:39**; **6:108, 111, 115**,  
     **116, 119**  
 Giens **5:18, 20**  
 Gilau **2:35, 38–41, 56**; **4:17**  
 Gildo **4:56, 57**; **6:65**  
 Gisulf **2:9**  
 Giubiasco **5:15, 173**; **11:3**  
 Givry **7:59, 92**  
*gladiarii* **10:125**  
*gladiatores* **4:173**  
 gladiators **11:113–16**  
*gladius* **1:13, 27**; **2:115–16**; **6:76**;  
     **11:37, 113**  
     *hispaniensis* **8:10, 15**; **11:2**  
 Glanum **5:9, 17**  
 globe motif **5:43, 45**  
 Gloucester **5:74**  
 Gobelins **10:56**  
 Golanda **2:4**  
 Golobic bei Smarjeta **5:74**  
 Gomadingen **5:160**  
 Gomolava **6:110**  
 Gordian III **4:11, 14**; **6:118, 138**  
 Gordius of Caesarea **4:58, 59**  
 Gornea **6:7, 18, 19, 21, 22, 24, 31**,  
     **34, 51**; **10:13, 14**; **11:54, 55, 63**,  
     **68–70, 99**  
 Gostavat **2:35**  
 Gothic War **2:10, 12, 20**  
 Goths **2:69**; **4:16**  
 Grabice **5:179**  
 Gränby **4:4**  
 grain **2:68**  
 Gratianus **1:139, 148, 149, 155**;  
     **5:101**; **10:24, 117**  
*s'Gravenvoeren* **7:66, 92**  
 gravestone *see* tombstone  
 Great Chesters **1:4**; **10:36, 40, 41**  
 Great Ludovisi Sarcophagus **1:142**;  
     **2:102**  
 greatcoat **2:84**  
 Great Trajanic Frieze **3:90**; **10:88**  
 greaves **1:148, 151, 156**; **2:109**;  
     **5:128**; **11:38, 115**  
 Grebo Kyrka **3:45**; **5:183**
- Gregory **1:2:10**  
 Gregory of Nazianus **6:62**  
 Gregory of Tours **6:65**  
 Gregory the Great **2:1**  
 Grevén-Aldrup **3:23**  
 Grimbergen **7:70, 84, 86, 90, 92, 93**  
 Grimde-Tienen **4:98**  
 Grimoald **2:17**  
 Grobbendonk **7:59, 61, 92**  
*groma* **4:39**  
*gromatici* **4:39**  
 Gross Gartz **4:4**  
 Grosskreutzenburg **1:154**  
 Grossprüfening **6:119**; **10:121**  
 Gro St Bernhard **5:49**; **10:90, 92**  
 Gruitrode **7:92**  
 Grzybów **5:246**  
 Guadalajara **7:110**  
 Gudendorf **5:205, 206**  
 Gué de la Casaque **5:141, 145, 147**,  
     **150, 152**  
     d'Ouroux-Marnay **5:145**  
 Guernsey **7:149**  
 Guisborough **5:143**  
 Gullen **5:179, 232**  
 Gundestrup cauldron **4:2**  
 Gussage All Saints **5:121**  
 gypsum **3:117**; **5:97**
- H**  
 hackamore **3:62**  
 Hadrian **1:13**; **2:67, 69, 84, 88, 90**,  
     **106**; **3:15, 18**; **4:49**; **5:53, 238**;  
     **6:23, 110, 113, 116, 118**; **7:21**;  
     **10:13, 53**  
 Hadrianeum **2:102, 104**  
 Hadrianopolis **1:149, 150, 155**  
 Hadrian's Wall **1:1, 39, 40**; **5:109**;  
     **7:32, 63**; **10:1, 3, 100**; **11:21, 37**  
 Den Haag **4:4**; **10:126**  
 Hagenau **1:29**  
 Hagenbach **1:27**; **10:121**  
 Hagenow **4:4**  
     horse **6:43, 44**  
     women's **6:43, 44**  
 Halmeag **5:90**  
 Haltern **3:1, 3, 5, 8, 11, 12, 13, 14**,  
     **15, 16, 19, 21, 23, 24, 60, 62**;  
     **5:68, 73, 76, 159**; **6:72, 78**;  
     **10:128**; **11:21, 67, 68, 99**  
 Hamburg **2:2**  
 Hamfelde **5:185, 191, 205**  
 Ham Hill **3:76, 102**  
 Hamme **7:86, 90, 92**  
 hammer **6:80**  
     cross peen **6:1**  
 hand-mill **2:69**  
 handled bag **2:78, 80, 88, 90, 85, 89**,  
     **95**  
 Hannibal **1:149**  
 Han-sur-Lesse **7:61, 92**  
 Haselburg **3:45**; **5:233**; **7:64**  
*hasta* **7:24**; **11:113, 124**  
     *plumbata* **2:59**  
     *velitarius* **11:43–4**  
*hastatii* **2:59**  
*hastilia* **4:60**  
 hatchet **2:74**
- Haterius relief **1:45, 46, 47–8, 51**,  
     **53, 58**  
 Hatra **1:59**; **6:23, 24**; **10:7, 10**;  
     **11:56, 61, 63, 100**  
 Hauran **10:77**  
 Haute-Marne **1:95**  
 haversack **2:84**  
 Hayling Island **2:93**  
 headstall **2:32**  
 Heddernheim **1:29, 32, 42, 91, 146**,  
     **152**; **3:68**; **5:30, 76**; **10:90, 92**,  
     **121**  
 Hedegrđ **5:68, 70**  
 Hedelisker **5:177, 232**  
 Heerlen **10:100**  
 Heidelberg-Neuenheim **3:68, 70**  
 Heliodorus, Bishop of Altinum  
     **4:61**  
 helmets **1:27–36, 140, 142, 145**,  
     **146, 147, 148, 149, 151, 152**,  
     **161–3**; **2:12, 17, 66–7, 86**; **3:46**,  
     **67, 68**; **5:10, 11, 12, 33, 45, 59**,  
     **65, 66, 69, 84, 97–105, 119**,  
     **125–35, 156, 169, 200, 211, 223**,  
     **237**; **7:24, 27–8**; **10:24, 25, 81–5**;  
     **11:38, 124, 129**  
     Agen/Port **1:29**  
     Attic **1:13, 142, 143**  
     Attic-Boeotian **11:113**  
     Augsburg-Pfersee **7:51**  
     auxiliary cavalry **1:41–2, 153**;  
     **5:127**; **10:27, 83**  
         type A **3:17**  
         type H **5:99**  
     Berkasovo **5:104**; **7:51, 53**  
     Boeotian **11:107**  
     Budapest **5:104**; **7:51, 53**  
     Buggenum **5:133**; **7:84, 90**  
     carrying handle **1:17**; **10:2**;  
     **11:120**  
     cavalry sports **1:42, 154**  
     Concesti **7:53**  
     Coolus **1:29, 33, 34, 35**  
     Coolus/Hagenau **5:126, 156**  
     Coolus/Mannheim **5:11, 15, 16**,  
     **17, 18, 19, 20–1, 141**  
     crest-holder **5:99**  
     Deir-el-Medineh **7:53**  
     Durne/Concesti **5:101, 104**  
     Etrusco/Italic **5:16, 17, 18, 20**  
     gladiatorial **11:113**  
     Hagenau **1:29, 30, 32, 35, 36**;  
     **3:11**; **6:76**  
     Imperial Gallic **1:34, 146, 162**;  
     **5:126, 128, 131, 132, 134, 15**;  
     **11:115, 120**  
     Imperial Italic **1:146**; **10:24**  
     Intercisa **5:97, 99**; **7:4**; **10:24**  
     iron **3:3, 57**  
     Jockey Cap **1:32, 33**  
     Koblenz-Bubenheim **3:17**  
     Leiden **7:53**  
     Montefortino **1:29, 30, 32, 162**;  
     **5:133**; **10:81–3**  
     Niederbieber **5:84, 141, 145**,  
     **147, 160**  
     Niedermörmter **10:83**  
     'Phrygian' **1:140**  
     plume tubes **11:120**

- pseudo-Attic/Guisborough  
5:211  
'Ridge' 1:146–7  
sports 3:1–34, 57–63; 6:72, 78;  
10:81, 83, 85  
Weiler 3:17; 5:127, 159, 160  
Weisenau 1:29, 30, 32, 34, 36;  
3:8, 11; 5:126, 128, 131, 132,  
134, 15; 6:76; 7:27; 10:83;  
11:115  
Weyler 7:59  
Helvetii 5:63, 145  
*hemistrigium* 4:34, 35, 37, 38, 41,  
43, 44, 45  
Hemmoor-Warstade 4:4  
Hengistbury Head 2:93  
heptagonal spearheads 2:37  
Heraklios 1:146  
Herculaneum 3:92, 94  
Hercules 6:63, 64, 65  
*Herculiani Seniores* 6:61, 65, 66  
Herculius Maximianus 4:55, 59, 60  
Herera de Pisuerga 11:17–22  
Hermitage Museum 2:106  
Herodian 3:3; 7:24  
Heron of Alexandria 10:11, 137;  
11:47, 50, 57, 66, 70, 77, 78, 81,  
84, 85, 89, 91, 94, 96, 97, 100  
*Automata* 6:8  
*Belopoica* 6:7  
*Cheiroballistra* 6:5–55  
manuscripts 6:8–9  
text 6:10–34  
translation 6:10–34  
*Pneumatica* 6:8  
Herrera de Pisuerga 7:24  
Herulia 2:4–5  
Heruls 2:1, 4, 8  
Herxen 5:205, 206  
hexagonal spearhead 2:37  
Heron of Alexandria 1:48, 56  
Hessheim 10:58  
Hexham Abbey 1:161  
High Easter 7:102  
High Hill 10:104  
High Rochester 10:2  
Himmelreich bei Wattens 2:95  
*Hippika Gymnasia* 2:29; 3:6, 74;  
5:128, 133  
hippopotamus 5:27  
Hispania 7:24, 28  
*Historia Augusta* 1:4; 2:101, 106  
Hjortspring 4:4  
hoarding 5:128–31  
Hod Hill 1:5, 10, 91; 2:93, 95; 3:76;  
5:72, 74, 76, 156; 6:52–4; 7:24,  
27, 28, 32; 11:93, 94  
hoe 2:71  
Hoegre 7:72  
Hofheim 1:91; 5:75, 76, 90  
Hofstade 7:80–2, 84, 92, 93  
Hoghiz 2:35, 38, 41, 53; 4:17  
Hohenferchesar 5:185  
Holdeurn 10:127  
Holsterhausen 3:19, 21, 23  
Holwerd 5:205, 207  
Holzhausen 5:205, 206; 6:120;  
7:100  
Holzmühlheim 5:68, 75  
Homs 3:11, 14, 17; 6:78  
*honesta missio* 4:57  
*honoriaci* 10:59  
Honorius 2:69; 4:63; 10:57, 59, 117  
hooks 4:82, 88, 96  
Hormisdas 7:39  
Hornillos del Camino 10:57, 58, 59  
Horny Jatov 4:4  
horse  
bit 2:16; 11:21  
burials 2:4, 7, 9, 16  
eyeguards 11:18–20, 21  
harness 5:93, 217; 11:20, 107  
hospital 4:37, 43  
Hostilia 2:90  
Houdan 10:57  
Housesteads 1:2, 3, 4; 4:4; 7:102  
Hromwka 3:45; 5:183, 237  
Hüfingen 1:91  
Huete 10:58  
humming-bulb arrows 2:109  
Hunerberg 5:125  
Hungary 2:9, 11  
Huns 2:4, 8  
hunting spears 2:16  
Hurbanovo 5:223  
Hurum 5:179  
Hyres 5:18, 20  
'Hyginus' 1:109; 4:30, 33–48  
Hyperanor 3:82  
**I**  
Iberia (Caucasus) 7:39  
Ickham 10:104  
Idaard 5:205  
Idistiaviso 3:2, 21  
Ijssel 3:20  
Ilisua 6:119  
Illemose 5:177  
Ilerda 2:67  
Iles d'Hyres 5:18  
Ilischken 5:68, 72  
Illerup 3:45; 5:29, 30, 173, 177, 179,  
183, 193, 199, 200, 201, 227,  
232, 233, 237, 238; 7:64, 78–80  
*imaginifer* 1:140; 3:86  
Inchtuthil 3:3; 5:117  
Independenta 10:24  
*in Pertica* 2:12  
Inlaceni 2:39  
Inota 6:106, 107, 108  
*insignia* 1:163; 7:27, 39, 40, 43, 44  
Intercisa 1:152; 2:20, 60; 10:75  
*Ioviana Seniores* 6:61, 65, 66  
*Ioviani Cornuti iuniores* 7:38  
seniores 7:38  
iron  
billets 6:1  
chains 4:88  
hardening 6:2  
hook 4:88  
nails 4:2  
objects 4:2  
pickaxe 4:70, 88  
sheets 6:1, 2  
strips 6:1, 2  
Iruña 7:99, 115; 10:55–6, 59;  
11:25–33  
Isac 2:38  
Isidore 2:89  
Isola Rizza 2:2, 12, 11  
Issendorf 4:4  
Istanbul 1:140, 141, 143  
Italy 2:1, 8–11, 16–17, 19–20, 5,  
116, 118; 5:20, 21, 61, 69, 145  
Ittel 7:70  
*iudices* 2:10  
Iulia 5:39  
Iulius Aufidius 1:140, 141, 146  
Iulius Abdes Panthera, Tib. 3:82  
Iulius Caesar, Cn. 1:161, 162, 163;  
2:69, 77–8, 116, 118–19; 3:3, 12,  
111; 4:23, 26–30, 49, 52, 53; 5:7,  
10, 65; 6:39; 7:38, 59, 90, 147;  
10:115, 133; 11:4, 46, 77  
Iulius Paulus 10:116, 118  
Iulius Sacrovir 5:48–9  
*iuniores* 10:10  
*Britannici* 7:38  
*Gallicani* 7:38  
ivory 3:37–8; 5:27–31; 10:74–8  
Ixworth 10:57  
Iza 5:83–95, 211  
Izier 7:72, 92  
Iznik 1:142  
**J**  
Jacobus 7:44  
Jan 7:101  
Jagsthausen 1:19  
Jakuszowice 5:246  
Jankovo 4:4  
jar 2:78  
Jastres-Nord 5:9  
Jauja 10:57  
javelins 2:2, 7, 42, 59, 60, 62, 66, 86;  
4:56; 5:160; 6:74; 11:106, 132–3  
head 3:42; 5:16, 17; 7:70; 11:25,  
26–7, 132–3, 137  
Jemelle 7:74, 92  
Jerome 4:61, 62  
Jerusalem 6:8, 49  
Jevnaker 3:45; 5:183  
jewellery 2:9  
Jews 5:238; 6:8  
Jidava 2:39  
Jisr Banat Yakub 10:73  
John Scylitzes 11:92  
Josephus 1:162; 2:40, 69, 73–4,  
76–7, 80, 87, 89; 4:49; 6:49;  
7:24; 11:96  
Jovian 7:37  
Juba 2:118  
Judas Maccabaeus 10:73  
Juellinge 3:43  
Jugurtha 4:49  
Julian 2:68, 101, 110; 3:10; 4:57;  
6:61–6; 7:37, 44; 10:5, 15, 16  
Julius (the veteran) 4:59  
Jumilla 7:117  
Jupiter 6:63, 64, 65; 10:3  
Juslenville 7:72, 92  
Justinian 1:149; 2:5, 69; 7:45  
**K**  
Kaiseraugst 4:14  
Kajdacs 2:7, 6  
Kalkriese 3:1–34; 5:49; 6:69–84;  
10:35, 38, 41; 11:2, 4  
*kamarton* see *cheiroballistra*, arch  
*kambestria* see *cheiroballistra*,  
field-frames  
*kanones* see *cheiroballistra*, case  
and slider  
*kanonia* see *cheiroballistra*, bars  
Kapfenstein 6:108  
Kasseedorf 4:4; 5:205, 207  
Kastell 11:21  
Kaster-Kanne 7:59, 92  
Katsch/Steiermark 6:107  
Kelvedon 2:93; 7:102  
Kemnitz 4:4, 5; 5:185  
Kempten 5:75; 10:89, 91  
Kenchester 1:2, 4, 91  
Keswick 1:39  
*Kettenpanzer* 4:2  
*Ketthenhemd* 4:2  
Khisfina 5:30  
Kiel 4:4  
Kietrz 5:246  
Kiköszeg 1:92  
Kingsholm 5:76  
Kirkburn 4:2, 4  
Kirkham 5:90  
Kisárpás 1:145  
Klein-Winternheim 5:193;  
10:87–93  
*kleisis* see *cheiroballistra*,  
trigger-mechanism  
Kleve 5:125  
*klimakion* see *cheiroballistra*, ladder  
Knaith Park 10:2  
Kneblinghausen 3:5, 24  
knives 2:2, 12; 6:105, 108, 109, 115,  
131, 134; 7:138; 11:19  
Simancas 11:25, 28  
Koblentz 2:109; 3:85  
-Bubenheim 3:8; 5:160  
Köln 2:101; 5:71; 10:75, 100  
-Weinheim 10:58  
Környe 2:8, 9  
Komorów 4:4  
*konoeide* see *cheiroballistra*, arms  
Kontich 7:78–80, 84, 92, 93  
*kophinos* 2:76  
Kortrijk 7:92  
Kostheim 10:58  
Kostolatz 10:125  
Kostoln pri Dunaji 3:43; 5:51, 217,  
220  
Kouklia-Paphos 1:153  
Krasusze Golowierzchy 5:175, 237  
Krefeld-Gellep 3:76; 5:127, 134;  
7:106; 10:55, 60  
Kromeniet-het Hain 6:91  
Kruishoutem-Kapellekouter 7:14,  
59, 92  
Krupice 5:185, 191  
Knzing 1:147; 4:4; 5:220; 7:64, 86;  
10:75, 88–9, 91, 92, 121, 122,  
123  
*kulindroi chalkoi* see *cheiroballistra*,  
bronze cylinders  
**L**  
*labarum* 6:61, 62, 63, 65, 66

- La Bienvenida 7:110, 113, 117;  
10:58, 59  
La Brèche 10:57  
Lachish 1:153  
Lachmirowice 3:43; 5:181  
La Chorquilla 11:17, 20  
La Cloche 5:9, 17  
Lacollonge 5:19, 21  
Ladiner Tal 5:68, 72  
La Ermita 11:17  
Laetengrber 7:103  
Lahnau-Dorlar 3:24  
La Hoya 11:11  
Lake Nemi 7:147  
Lambaesis 10:57, 125  
Lambousa 1:146  
lamellar armour 2:12, 17  
La Morterona 10:57, 58  
lance 3:3, 62, 67  
heads 2:5, 9, 12, 18; 3:2, 68;  
10:87–93  
lancea 7:24  
lances 2:7, 9, 12, 16, 17, 108  
lanc(h)iarū 1:151, 156  
Langobardi *see* Longobards  
Langres 1:88, 95  
Langton 7:104  
Lankhills 7:100  
Lansen 5:169  
La Nuez de Abajo 7:104, 109, 141;  
10:58  
La Olmeda 7:99, 101, 104, 105,  
108, 109, 110; 10:55, 57, 58, 59  
lararium 2:109  
large bundle 2:85  
C. Largennius 3:81, 100  
laridum 2:67–8  
carnis 2:68  
lark  
crested 1:161  
horned or shore 1:161  
La Saugé 5:49  
Las Murallas 10:58  
La Spezia 5:20  
La Teste-Ngre 5:17  
La Tête de l'Ost 5:17  
laths 2:16  
laurel wreath motif 5:169, 175, 183,  
185  
Lauriacum 2:39, 41; 3:45; 4:17;  
10:75; *see also* Linz  
La Vega Baja de Toledo 7:107, 109,  
112, 137  
lead 3:117; 7:4  
leather 3:5, 92; 7:7, 111; 11:1,  
121–2  
Lechinta de Mures 6:110, 111, 112,  
121, 122, 134  
Lees 2:74  
Leeuwen 5:70  
leggings 2:81  
legion  
Alaudae 2:116  
Martia 2:115–16, 118; 3:89  
I Adiutrix 1:27, 140  
I Germanica 10:129  
I Herculia 1:2  
I Jovia 1:2  
I Martia 2:116  
I Minervia 1:163; 5:173; 10:49,  
126, 129  
II Adiutrix 1:161; 3:88  
II Augusta 1:2, 4, 12, 145; 2:62;  
6:53; 10:49, 52  
II Italica 1:142; 2:39, 83  
II Parthica 1:151  
II Traiana 1:156  
III 2:118; 11:21, 22  
III Cyrenaica 5:69; 10:73, 88  
III Gallica 2:118  
III Italica 6:111  
IV 10:12  
IV Flavia Felix 1:10, 12, 13  
IV Macedonica 2:116; 11:17, 18,  
21–2  
IV Scythica 1:142  
V Alaudae 1:161–3; 2:116; 6:8,  
48  
V Macedonica 6:116, 117  
VI 11:22  
VII 10:59, 60  
VII Claudia 1:14  
VII Gemina 7:21, 112  
VIII Augusta 1:142; 3:88, 89  
IX Hispana 2:93  
X Gemina 3:60; 10:127  
XI 10:49  
XI Claudia 1:14, 162; 3:88  
XIII 10:6  
XIII Gemina 1:10, 36; 6:111,  
117  
XIV Gemina 2:39, 83, 116; 3:85,  
86; 5:49, 125  
XV Apollinaris 2:62  
XV Primigenia 3:82  
XX 10:3  
XX Valeria Victrix 1:145; 11:22  
XXI Flavia Firma 1:140, 163  
XXI Rapax 5:63, 156; 10:129  
XXII Primigenia 1:14, 27; 3:86;  
10:128  
XXX Ulpia Victrix 1:146; 10:128,  
129  
legionary bases 5:63  
Lehndorf 6:106  
Leicester 10:57  
Leiden 7:51  
Leiderdorp 5:53  
Leine 3:22  
Le-Mont-de-Lausanne 10:55  
Lengyel 7:104  
lentils 2:68  
Leo 11:91  
León 7:112  
Lepcis Magna 1:140  
Lérida 11:21  
Les Avenières 5:18, 21  
Les Avins 7:72–4, 92  
Lesné 5:220  
Le Vieil-Évreux 7:100, 105, 110  
levis armatura 10:14  
Lexden 4:4, 5  
lex Iulia maiestatis 10:115–18  
Lezuza 7:114  
Libanius 6:63  
Liber Pontificalis 2:1  
Liberchies 7:59, 80, 92; 10:100  
Licaius 3:87  
Licinius 4:58  
Liebenau 10:57  
Lidana 7:99, 114, 115; 10:56, 59  
Lige 7:72  
lignei vasa 2:68  
lignum 2:74  
ligo 2:69, 71–2, 69, 76, 89  
Liguria 2:10  
lilia 2:78; 4:51  
Limestone Corner 7:32  
limitanei 4:63  
Linares 7:101; 10:58  
Lincoln 1:91; 5:74  
Linz 1:142, 143; 3:68; 4:17; 5:51,  
99, 237; 7:86; 10:24, 75  
Lippe 3:1, 5, 19, 22, 23, 24  
Lippizzaner horses 3:73  
Litten 5:185, 191  
Liutprand 2:1, 10, 18  
Livia 5:39, 40  
Livy 2:78; 4:50, 51; 11:96  
lixae 3:5  
Lixus 1:92  
Ljubljana 1:12  
Ljubljanka 11:1–4  
Lombardy 5:21  
London 1:11, 13; 3:37, 88, 96, 102;  
5:29; 7:28, 149; 10:3, 76, 121;  
*see also* Bank of England  
Longeriac 2:18  
Longobard lawcodes 2:12  
Longobard-Gepid wars 2:6  
Longobards 2:2, 4–5, 8–10, 12, 18,  
20; 5:199  
Long-Pont 7:14  
Longthorpe 3:102  
Long Windsor 11:120  
lorarius 2:115, 119  
Lorch 1:91  
Lorenzberg 5:74  
lorica 1:142, 145  
hamata 1:142, 147, 151; 11:123  
'segmentata' 6:139, 140, 147,  
152; 7:59; 2:77, 82, 83, 86–7;  
6:45, 48, 71, 76; 10:27–41;  
11:93, 123, 135; *see also*  
armour, segmental  
squamata 1:147; 11:123  
loriner 2:32  
lorum 2:115  
Los Tolmos 7:99, 115, 117  
lost-wax casting 2:37; 4:73  
Los Villares 7:102, 127  
Loubers 7:102  
Loughor 5:74  
Loupian 10:56  
Lower Saxony 2:2  
Luboszyce culture 5:179, 185  
Luca 5:238  
Lucca 2:17  
Luceius Pekularis 1:59  
Lucian of Samosata 2:106; 3:6, 28  
Lucius Caesar 5:39, 40  
Lugo 10:58  
The Lunt 1:91; 2:74; 4:4; 11:93  
Lusigny 5:10, 16, 20  
Lutatius Catullus 2:67, 81  
Lydney Park 10:56  
Lyne 1:2  
Lyon 1:92, 94, 95; 4:4, 5; 5:18, 20,  
21, 30, 145; 6:7, 18, 22, 24, 39,  
45, 50, 54, 80–2, 117, 118; 10:7,  
137, 138; 11:54, 56, 92, 93, 94,  
99  
**M**  
Maas *see* Meuse  
Maastricht 7:72, 92; 10:100  
Macedonia 2:116, 118; 3:10; 4:23  
Mâcon 5:147  
Madinat al-Zahra 10:21, 25  
Madrid missorium 7:48  
Madrona 7:106  
Madroero de la Cal 7:109  
Magn 7:101, 113  
Magdalensberg 5:33, 74, 75, 77, 78;  
6:106, 107; 11:2, 4  
magister 10:10  
draconum 4:62  
equitum 7:43  
fabricae 10:133  
militum 2:10; 10:117  
militum praesentalis 7:43  
officiorum 7:37, 38, 39, 40, 41,  
43, 44, 45, 46, 47, 48  
peditum 7:44  
signorum 4:62  
Magnentius 7:43  
magnetite 11:12  
Magnus Maximus 7:44  
Magyars 2:108  
Mahdia 10:7, 12; 11:77, 96  
Mahlstedt 5:205, 206, 207  
Maiden Castle 4:4  
Mainhardt 10:121  
Mainz 1:27, 36, 59, 91, 110, 163;  
3:85, 86, 87, 92, 93, 96, 98, 99,  
101, 102; 4:4; 5:21, 30, 33, 49,  
51, 52, 53, 65, 71, 73, 75, 145;  
6:120; 7:64; 10:51, 56, 57, 76,  
87–93, 121, 126; 11:21  
Weisenau 10:92  
Malain 1:92, 94, 95  
Mala Kopasnica-Sase burials  
6:114, 126  
Maldegern 7:59, 92  
Malente Krumsee 5:185  
maleolus 6:51  
mallet 2:69  
mammoth 5:27  
Manchester 1:91; 4:4  
Manching 1:147  
mandril 6:1, 2  
Mannheim 3:87; 5:21  
Mansion House 7:61  
manuballista 6:7, 39, 48, 54; 10:14,  
15; 11:27, 47, 54, 66, 68–70, 71,  
93, 96, 99  
manuballistarius 6:48, 54  
manu militas 1:10, 12  
manuscript painting 1:144  
Maqueda 7:104, 116, 117  
Marcella 4:57, 58, 60; 5:39  
Marchamalo 7:113, 116, 117, 118  
Marcianopolis 1:12  
Marcianus 10:117, 118  
Marcius Probus, P. 3:89

- Marcomanni 2:4; 3:41, 46; 4:16; 5:94  
 Marcomannic Wars 3:47; 5:83, 93, 191, 202; 6:121; 10:115  
 Marcus Aurelius 2:102; 4:33; 5:202, 239; 7:59; 10:115  
 Marcus Column 1:139, 140, 142, 143, 151; 10:121  
 Maria Ponce 2:4  
 marines 4:42  
 Mariselu 6:108–10, 121, 122, 134  
 Marius 2:65, 81; 11:43  
 Mark Antony 2:116, 118  
 Marktbreit 3:24, 26  
 Marlborough 2:88  
 Marne 1:33; 7:102  
 Mars 1:102, 152; 3:42, 45, 46; 5:40, 49, 52, 53, 69, 169, 175, 179, 181, 183, 185, 233, 237; 10:87, 88, 90  
     Leucetius 10:87, 92, 93  
     Ultor 3:45  
 Marseille 3:91; 5:7, 9, 16, 147  
 Marsyas 1:40  
 Martial 2:89; 10:22  
 Martin of Tours 4:57, 62  
*martiobarbuli* 1:2; 2:59  
     *Herculiani* 2:59  
     *Ioviani* 2:59  
 Martres-de-Veyre 5:10, 20  
 Marwedel 3:43  
 Maryport 1:39; 10:3  
 Masada 1:153; 10:49  
 Mascazel 4:56  
 Mas d'Agénais 5:7, 18  
 masks, funerary 3:6  
 mass production 6:1, 2  
 Matasaru 6:117, 118  
*mattiobarbulus* 2:59  
 mattock 2:67, 71–2, 74, 76  
 Mattsted 5:246  
 Mauretania 4:61; 7:7, 9, 14, 15  
     Caesariensis 4:55, 56, 63; 11:22  
     Sitifensis 4:55, 56  
     Tingitana 4:57; 6:109, 120; 7:111; 10:55  
*Mauri Micienses* 2:39  
 Maurik 5:76  
 Maurikios 1:148, 150, 151; 2:1, 10; 10:5, 25; 11:91  
 Maurine river 2:2  
 Muringia 2:2  
 Maxentius 6:65  
 Maximian 1:146; 2:59; 4:55, 56, 59; 5:147, 155; 7:101  
 Mazarambroz 7:117; 10:56  
 Meaux 7:102  
 medical instruments 7:28  
*medicus chirurgicus* 7:28  
     *clanicus* 7:28  
     *ocularius* 7:28  
     *ordinarius* 7:111  
 Mediolanum 7:100, 102  
 Medusa 7:7, 14  
     head 4:73  
 Mehadia 6:117  
 Melle 7:84, 92  
 Melun 5:70  
 Menander Protector 2:1  
 Menapii 7:59, 82  
 Menas of Cotyaeum 4:58  
 Mengibar 10:56  
 Mercey 1:146  
 Mrida 7:103, 115, 116; 10:22  
 Meroe 10:1  
 Merovingian Franks 2:20  
 Mesara 5:72  
 Meseta 7:113; 11:11  
     Northern 7:112  
     Southern 7:101, 105, 112  
 Mesopotamia 10:117  
 mess tin 2:92  
 metallographic analysis 7:2–5  
 Metellus 2:67; 4:49  
 Metz 5:145  
 Meuse 5:125; 7:59, 61, 63, 66, 84, 90; 10:45  
 Micia 2:35, 38–9, 41, 56; 4:17; 6:111, 115, 116, 117, 118, 119  
 Micipsa 5:33  
 Midlum 5:205  
 Mierzyn 5:246  
 Milan 2:9; 4:59; 7:45  
*miles* 3:67  
     *gregarius* 2:67  
     *medicus* 7:111  
 Milesian Greeks 2:62  
*militaris gradus* 2:68  
 military diet 66  
 Milvian Bridge, battle of 6:65, 66  
 Minerva 3:45; 5:53, 169, 223, 233, 237; 7:78  
     Sulis 10:12  
 “*Miniatur-Benefiziarierlanzenspitze*”  
     mounts 2:41; 10:89  
 Minucius 2:116, 118–19; 3:89  
 missorium 1:145  
 Mithras 3:67–70; 10:3  
 Mithridates VI 11:3  
 Młodzikowo 4:4; 5:245, 246  
 Modave 7:72, 92  
 Modena 2:116  
 Moers-Asberg 5:71  
 Moesia 5:201; 7:102  
     Inferior 6:105, 109, 111, 112, 113, 116, 118  
     Superior 6:118, 121  
 Mogontiacum *see* Mainz  
 Mohringen 2:2  
 Molise 2:16  
 Mondejar 7:105, 106, 114, 117, 118, 133  
 Monsanto 10:58  
 Mons Graupius 3:74  
 Montbellet 5:18, 21  
 Montealegre del Castillo 7:114  
 Monte do Pinou 7:101, 113  
 Monte Mzinho 10:59  
 Montlaurs 5:20  
 Montpellier 10:55, 57  
 Monza 2:12  
 Moorish  
     cavalry 4:41  
     soldier 4:59  
 Moravia 2:1, 4, 6  
 Moresby 1:39  
 Morini 7:59, 82  
 Morlanwelz 7:59, 92  
 Moro Boti 7:28  
 Morova 3:47  
 Morrocco 7:101, 104, 106, 107, 112  
 Morville 7:92  
 Motrico 7:115  
 moulds 1:75–80, 81, 82, 88, 93  
 Mouris 5:10, 15; 11:2  
 mouthpiece 2:27  
 Mucking 10:56  
 Mhltal 3:67, 68  
 Münstereifel 10:125  
 mule 2:67, 68  
*muli Mariana* 2:65  
 Munda 2:118; 4:53  
 Mures river 6:112  
 Mursa, battle of 7:43  
 Museum of London 2:86  
 Musius, Cn. 3:85  
  
**N**  
 Nadkole 5:250  
 Nahr er-Ruqqad 10:73  
 nails 7:147–9  
 Namur 10:100  
 Naples, Bay of 5:33, 45  
 Napoca 1:11, 13; 6:108, 109  
 Napoléon 11:113  
 Napoléon III 5:3, 145  
 Narbonensis 1:12  
 Narses 2:8, 10  
 narwhal 5:27  
 Navarrese 7:99, 101  
 Nawa 1:82, 84, 92; 10:73  
 Neath 5:74  
 Neder-Jerstal 4:4  
 Neerharen-Rekem 7:15  
 Nemetona 10:87, 92, 93  
 Nemi 11:68  
 Nepotianus 4:61, 62  
 Neptune 7:63  
 Nereus 4:59  
 Nero 3:47; 5:127; 7:82  
 Nether Poppleton 11:111  
 Neuburg an der Donau 6:113  
 Neudorf 6:106  
 Neupotz 5:162  
 Neusiedlersee 6:108  
 Neuss 5:71; 6:109; 7:28; 10:128–9, 133; 11:21  
 Neuvy-sur-Barangeon 3:12  
 Newcastle upon Tyne 3:105; 7:63  
 Newstead 1:2, 61–6, 67–72, 91, 109, 147; 2:71, 73–4, 78, 84; 3:13, 14, 74, 76, 106; 4:4; 5:53, 83, 90, 109–22, 131–2, 133, 134, 159, 217; 6:115; 7:102; 10:27–41, 133; 11:21, 133  
 Nice 5:73  
 Nida-Hedderneim 3:37–8  
 Niederbieber 1:146; 2:105–6, 109, 111; 3:6, 11; 7:100, 101, 102, 104; 10:77, 121  
 Niederbreising 10:56  
 Niederrmmt 1:146  
 niello 1:84, 88; 10:74  
 Niger 2:89  
 Nijmegen 1:30, 32, 91, 99–107, 146; 3:3, 8, 11, 17, 29, 57–63; 5:29, 51, 70, 125–35, 159, 160; 6:78; 7:64, 78, 80; 10:52, 125, 127  
 Nikopolis 3:10  
 Nile 3:47  
 Nimes 10:55  
 Nisibis 10:117  
 Nizny Zipov 5:223  
 Nocera Umbra 2:2, 12, 17  
 Nordburgenlndische barrow graves 6:108  
 Noricum 2:4–5, 9, 39; 3:10, 46; 4:13; 5:61; 6:107, 109, 121  
     Ripense 2:4  
 Norway 5:227  
*Notitia Dignitatum* 1:2, 146, 148; 2:62; 5:147, 238; 6:65, 66; 7:37, 38, 39, 40, 43, 44, 45, 46, 47, 48, 112; 10:15, 24, 59, 104, 134; 11:25  
 Noussa 11:103, 106  
*novacula* 7:32  
 Novae 10:75  
 Novaesium *see* Neuss  
*novellum vinum* 2:68  
 Noviodunum 3:12; 6:114  
 Novoprohorovka 5:20  
 Nowa Huta Mogila 5:246  
 Nowy Targ 5:250  
 Noyen 1:92  
 Nuez de Abajo 7:117  
 Nuits-Saint-Georges 1:92  
 Numantia 1:2; 4:24, 50, 51; 7:24; 11:43  
*numerus Barcariorum Tigrisiensium* 1:4  
     *burgariorum et veredariorum* 1:13; 2:38, 41; 6:117  
     *Hnaudifridi* 1:4  
     *Maurorum Miciensium* 2:39; 6:115  
     *Octava Dalmatarum* 2:101  
     *Rutiliacorum* 4:58  
     *Syrorum* 1:13; 6:114  
     *Ursarienum* 10:127, 130  
 Vala Numonius, G. 3:6  
 Nydam 1:4; 3:45; 5:171, 173, 177, 185, 193, 227, 232, 233, 238  
  
**O**  
 Oberaden 1:2; 2:76; 3:3, 12, 23, 24; 4:30, 51; 5:68, 70, 73, 75, 76, 159; 6:78; 10:49, 51, 52, 128; 11:21  
 Oberammergau 5:60, 68, 72, 73–4  
 Oberbierbaum 2:4  
 Oberesslingen 10:76  
 Oberflorstadt 3:68  
 Oberndorf a.L. 10:121  
 Oberstimm 1:91; 5:156  
 Obii 2:4  
 Oblin 3:41–7; 5:181  
 Ocaña 7:101, 102, 109, 111, 115, 116, 145; 10:56  
 Oceanus 7:63  
 Ockov 5:220, 246, 251  
 Ocna Muresului 2:38  
 Ocnița 5:76  
 octagonal spearheads 2:37  
 Octavia 11:77

- Octavian **2**:116, 118–19  
 Oder **3**:47  
 Odessa **5**:238  
 Odoacer **2**:4, 20  
 deshg **5**:177  
 Oeremlla **4**:4  
 stergtland **5**:177  
 oil **6**:43, 44, 45  
 Olbia **5**:30  
 Old Carlisle **1**:3, 9  
 oleum **2**:68  
 Olt river **2**:38; **6**:120  
 Olynthos **1**:153  
 Omal **5**:30  
 Ombr **7**:61, 92  
 onager **2**:80; **6**:8, 39, 43; **10**:10–11; **11**:66  
 Onet-le-Château **1**:95  
 Oosterbeek **5**:51, 52, 53; **7**:80  
 Opatów **4**:4; **5**:246  
 opifices loricari 201  
 Opoka **5**:191  
 Oppidum Batavorum **5**:135  
 optio fabricae **10**:125, 133  
 opus interrasile **5**:33, 35, 49, 51, 53, 160; **6**:76; **7**:99; **10**:55  
 Orange **3**:91; **5**:3  
 triumphal arch **5**:49; **6**:78  
 Oreya **7**:59, 92  
 Orheilul Bistritei **6**:110  
 Ornavasso **11**:2, 3  
 Orosius **4**:56  
 Orsova **6**:7, 18, 21, 22, 25, 26, 31, 34, 36, 39, 54; **10**:5, 6, 7, 137; **11**:54, 57, 61, 63, 92, 93, 96, 99, 100  
 oscillum **2**:93  
 Osijek **10**:75  
 Osnabrück **3**:1, 8, 16, 20  
 Osterburken **3**:70; **6**:109  
 Ostia **10**:23, 90, 92  
 Ostrogoths **2**:1, 5, 8, 20  
 Osuna **11**:21  
 Otaciliae Severae, M. **1**:14  
 Ouddorp **4**:4  
 Oudenburg **7**:59, 92; **10**:57  
 Ouroux-sur-Sane **5**:15, 18, 141, 145, 147, 148  
 Øvre Stabu **3**:45; **5**:53, 183, 185, 233  
 Owslebury **2**:95  
 Oxyrhynchus **2**:66, 68–9, 79, 88
- P**  
 Pác **5**:220  
 Padova **2**:115–16, 118–19; *see also* Padua  
 Padua **8**:6; *see also* Padova  
 paenula **2**:80–1, 85, 89; **3**:88, 89, 90  
 Paestum **8**:220; **9**:1  
 Pagan's Hill **5**:122  
 Pago de Goritta **8**:159, 163  
 pala **2**:69, 72, 70, 76  
 Palacios del Sil **10**:55, 59  
 Palencia **7**:99; **9**:40; **10**:58  
 Palestrina **8**:73  
 palintone **6**:33, 41, 51  
 palisade stakes **2**:66, 74, 75, 81  
 palmette **3**:43, 45  
 motif **5**:52, 171, 177, 181, 233  
 Palmyra **1**:13; **2**:101  
 Palmyrenes **4**:42  
 palus **9**:2, 3, 6, 7; **11**:114  
 Pamplona **7**:103; **10**:57, 58, 59  
 panis **2**:67–8  
 Pannerden **1**:99  
 Pannonia **2**:1, 4–7, 9, 17; **3**:10, 45, 46; **4**:13; **5**:61, 84, 145; **6**:107, 120, 121; **7**:7, 9, 14; **9**:8, 19, 22, 29  
 Inferior **6**:114  
 Superior **2**:39; **5**:211; **6**:113, 114  
 Pannonian cavalry **4**:41  
 Papcastle **1**:39–42, 124  
 papilio **1**:122; **2**:80; **4**:30  
 'parade' equipment **2**:42  
 parade shield **2**:16, 18  
 parados **8**:213  
 parastas media **8**:169, 170  
 parastatica **8**:169  
 parazonium **5**:30  
 Paris **1**:92; **3**:91; **8**:69  
 parma **8**:19  
 parmula **11**:113  
 Parthian dracones **2**:106  
 Parthians **2**:118; **3**:6; **9**:7, 65; **10**:117; **11**:21  
 Passewalk **3**:45; **5**:179, 183; **9**:19, 22  
 Passio Sanctorum Bonosi et Maximiliani **6**:61–6  
 Patavium **2**:119  
 patera **2**:3, 78, 85, 89  
 pattern-welding **2**:12  
 Paul the Deacon **2**:1–2, 6, 8–9, 17  
 Pavia **2**:10, 18  
 pectorale **9**:5  
 pedites sociorum **4**:24  
 Pedrosa de la Vega **7**:115, 116, 117, 118, 133  
 Peins/Slappeterp **5**:205, 207  
 peltate fittings **7**:7, 14, 15  
 Penadominga **10**:58  
 Pea Forua **7**:101, 104, 113, 114, 116  
 Peña Negra **8**:225  
 Peña Redonda **4**:24; **8**:116  
 pendants **1**:77, 80, 83, 84, 85; **3**:46; **6**:78; **7**:90, 105; **9**:77, 81  
 horse harness **3**:30, 61; **4**:11–12; **7**:72, 86  
 lunate **9**:79, 81  
 peltate **9**:81  
 phallic **3**:6, 18, 20  
 vulvate **4**:12  
 Peninsular War **2**:77, 76  
 pennants **2**:16  
 pentaspastos **1**:48, 57, 58  
 Peredes de Nava **10**:56, 57, 59  
 Perfidia **5**:48  
 Pergamon **8**:61, 62, 71; **9**:2; **10**:7; **11**:21, 77, 80, 109  
 temple of Athena **6**:78  
 Pericles **8**:207  
 perses **3**:67  
 Persians **2**:76; **9**:74  
 Perugia **8**:302  
 Pescennius Niger **2**:68  
 Petavonium **7**:24, 28  
 Petilius Secundus, Q. **3**:82; **9**:42  
 petroبولon **8**:208  
 Petty Knowes **10**:2  
 Petulantes **2**:101  
 Peutinger Table **5**:145  
 peytrals **5**:128  
 Pffring **2**:39, 41; **4**:17  
 Pfünz **1**:147; **2**:39, 41; **4**:17; **9**:42; **10**:90, 121  
 phalanx **8**:311, 314  
 phalerae **1**:77, 78–9, 80, 81, 84, 145, 153; **6**:76–8, 118, 120, 131; **7**:3, 4, 5, 7, 9, 14, 15, 72, 105, 107, 108, 147; **8**:8; **9**:81; **11**:20, 25, 28  
 chalcedony **8**:8  
 phallic fittings **7**:7, 14, 15, 19, 74  
 Pharnakes **8**:164  
 pheasant **1**:161  
 Philip I **1**:10, 14; **2**:87; II **11**:105  
 Philippi **2**:116, 118; **8**:91  
 Philon **6**:5, 24, 39, 43, 44, 46, 49, 50; **8**:179, 181, 208, 209, 210, 213, 220, 224, 279; **10**:10; **11**:47, 68, 77, 79, 80, 81, 85, 89, 90, 96  
 Philostorgius **6**:66  
 phlebotum **7**:32  
 phosphate analysis **3**:24  
 phylacteria **8**:224  
 Piaski **3**:43, 45; **5**:181, 246; **9**:19, 20, 27, 28  
 Piazza Armerina **2**:80; **7**:103; **9**:81  
 pick **2**:72; **7**:32  
 pickaxe **2**:69, 76  
 Piddington **11**:92, 93  
 Piedicastello **2**:18  
 Piedras Barbadas **8**:159, 162, 163  
 Pierredon **5**:16  
 Pietrabbondante **8**:73, 74  
 Pikule **8**:292  
 pilani **8**:16, 18  
 pileus pannonicus **5**:101; **9**:31  
 pilum **1**:1, 2, 4, 5, 151, 156; **2**:59, 77, 86; **3**:3, 12, 46, 86, 106, 109–11, 117; **5**:9, 15, 16, 17, 18, 33, 66, 84, 93, 141, 143, 150, 156, 169; **6**:74, 76, 92, 94; **7**:24, 70, 86, 90; **8**:15, 16, 17, 18, 21, 29, 31, 41, 49, 97, 108, 110–11, 113–16, 117–18, 181–6, 272–3, 275, 277, 282, 312; **9**:53–60; **10**:52; **11**:43–6, 107  
 catapultarium **7**:27  
 collet **8**:273  
 flat-tanged **11**:43  
 incendiary **8**:111  
 murale **2**:74; **4**:50; **8**:44; Renieblastype **11**:43, 44–5; Smihel type **11**:43, 45  
 socketed **8**:44, 111, 116, 117–18, 272; **11**:43  
 spike tanged **8**:49  
 Talamonaccio type **11**:43, 44, 45  
 tanged **8**:44–9, 110–11, 116, 117–18  
 Pintaius **3**:83; **9**:42; **10**:88  
 pioneers **2**:77  
 Piotrków Kujawski **8**:292  
 Pipinsburg **10**:55  
 Pippin III **2**:18  
 Piquete de la Atalaya **8**:159, 162, 163  
 Pisoraca **7**:24  
 Pisuerga **11**:11, 17  
 Pitsunda **2**:59–60, 62  
 Pityus **2**:59, 62; **8**:181; **10**:6; **11**:56  
 Pla de Horta **11**:28  
 Plastalina **11**:40  
 Plataea **8**:217  
 Plaucius, C. **8**:128  
 plastrum **10**:22  
 Plaza de Armas **8**:205  
 plenus gradus **2**:68  
 Pliny the Elder **1**:17, 89, 161; **3**:47; **5**:53; **8**:131; **9**:31, 37; **11**:25  
 the Younger **9**:3; **11**:114  
 Plovdiv **6**:78  
 plumbata **1**:2, 5; **2**:59, 60, 62; **7**:24  
 (et) tribolata **2**:60  
 mamillata **2**:60  
 martiobarbuli **2**:60  
 Plutarch **2**:65, 118; **8**:41, 98, 303; **11**:43, 109  
 Plutei/anaglypha Traiani **3**:90  
 Po **2**:9, 17  
 Pocaply **5**:185  
 Podlodw **3**:45; **5**:183; **9**:19, 22, 23, 28  
 Poetovio **3**:67; *see also* Ptuj  
 Pitterberg **5**:205  
 Poiana **4**:4  
 Poland, Greater **9**:19, 22, 23, 26, 28  
 Polieidos **8**:209  
 Pollentia **7**:107, 114, 137  
 Polleur **7**:72, 92  
 Poltross Burn **1**:2  
 Polyaenus **8**:280; **11**:104  
 Polybius **2**:76, 88; **4**:24–6, 30, 33, 49, 50, 51; **8**:13, 18, 19, 20, 21, 25, 33, 44, 47, 56, 127, 251, 253, 254, 266, 311, 312; **11**:104, 105, 106, 109  
 Polydrosso **5**:20; **8**:92, 95  
 polygonal spearheads **2**:36  
 Pomarico Vecchio **11**:43  
 pommels **2**:7, 12, 115  
 pompa **9**:6  
 Pompaelo **7**:101, 103, 112, 113; *also see* Pamplona  
 Pompeii **1**:91, 153; **2**:79–80, 93, 109; **3**:78; **4**:4; **5**:21, 51, 160; **9**:1, 5, 6; **11**:3, 106, 113  
 Pompey **2**:118; **4**:52; **8**:3, 47, 274, 301, 303; **9**:55; **10**:73  
 Pontoux **5**:141, 143, 145; **7**:64; **9**:21  
 Pontrave **7**:90, 92  
 Pontus **11**:3  
 Pope Hadrian I **2**:18  
 Stephen II **2**:18  
 Popesti **4**:4  
 Porcius Cato, M. **8**:127, 207, 226  
 pork-butcher **2**:69  
 Porolissum **2**:40; **6**:108, 113, 117  
 porta decumana **4**:41, 47  
 praetoria **4**:37, 47  
 quintana **4**:40  
 Port de Varennes **5**:148  
 Port Guillot **5**:147, 148, 150  
 Portonaccio **3**:16

- sarcophagus 2:102, 104–5  
 Portoquintela 7:21–32  
 Porto Vecchio 9:48  
 Portugal 7:101  
 Posidonius 8:123  
   of Miletus 8:208  
 Postumus 4:16; 7:74, 80  
 Potaissa 1:11; 6:111, 113, 116, 117, 118; 10:75  
*potiores* 10:59  
 Poussan 9:79  
 Pouzolles 7:102  
 Pozo Moro 8:156, 160–1, 163  
 Pozzuoli 2:83; 9:1  
*praefectus castrorum* 2:74; 10:133  
   *fabrum* 10:133  
   *vigilum* 10:115  
 Praeneste 7:147  
*praenomen* 8:302  
*praepositus* 4:58  
   *labarum* 6:62  
   *saltus* 4:56, 60, 61  
*praetentura* 4:37, 39, 42, 43, 45, 46  
 Praetorian Prefect 2:62  
 Praetorians 2:65; 4:33, 38, 39, 41, 42, 43, 44; 9:5; 10:88  
*praetorium* 1:13; 3:62; 4:37, 38, 39, 40, 41, 43, 44; 5:125, 127  
 pricker 2:33  
*primarudis* 9:2  
*primicerius* 4:58  
*primus palus* 9:2  
   *pilus* 8:8  
*principales* 4:38, 40  
*principes* 2:59; 4:30; 8:15, 16, 18, 19, 20, 21, 127  
 Probus 7:112; 10:22  
 Procopius 1:148, 149, 150; 2:1, 8, 10; 6:26, 45, 55; 7:45; 8:280; 10:5; 11:66  
 ‘propeller’ fittings 7:101, 102–3, 109, 112–13  
*protector* 7:51  
*proteichisma* 8:207, 210, 211, 220, 222, 223, 224  
*provocator* 9:4  
 Prudentius 2:101; 4:62  
 pruning hook 2:74  
 Prusius ad Hypium 4:62  
 Przeworsk culture 3:41–7; 5:173, 175, 179, 181, 183, 185, 211, 245, 246, 250; 8:291–5; 9:19, 28  
*psalion* 2:32; 3:73  
*psalis* 2:32  
 Pselcis 2:68, 88  
 Pseudo-Heron 10:5, 6, 7, 13, 14, 17  
 Pseudo-Hyginus *see* ‘Hyginus’  
 Pseudo-Maurice 8:280  
*psiloi* 1:151  
 Psophthis 4:55, 63  
*pteryges* 1:142, 143, 146; 3:88; 8:6  
 Ptolemy 7:21; 11:25; II 8:67  
 Ptuj 3:70; 5:48; 9:45, 48, 49; 11:3; *see also* Poetovio  
 Púchov culture 5:211  
 Puebla de Montalbán 7:106, 113, 115, 118, 133, 145; 10:58, 59  
 Puente Biezma 7:113  
*pugio* 1:13; 2:115; 7:66; 8:6, 56, 148–9, 266; 11:125  
 Puig Castellet 8:205, 224, 262  
 Puig de la Nao 8:203, 205  
 Puig de la Sant Andreu-Ullastret 8:205, 210, 211–23, 224, 226  
 Puig d’en Serra 8:226  
 Puig Rodom 10:57  
 Pula 3:91  
*pulvinus* 11:48  
 Punic Wars 8:13–21  
 Puntal dels Llops 8:205  
 Purbach 6:106  
 purse 2:81  
 pyramid 2:2–4; 4:4  
 Puteoli 3:90; 11:17  
 Putney 2:93  
 Puy d’Issolud 8:284  
 Pydna 8:91, 311  
 pyramidal spearhead 2:39  
 Pyrrhus 8:13, 69, 95  
**Q**  
 Qal’at el-Husn 10:73  
 Qasr Ibrim 10:49; 11:67, 68, 99, 100  
 Quadi 2:4; 3:41, 46; 5:94, 211  
*quaestorium* 4:40, 42, 44, 46  
 Qualburg 10:127–8  
*qualus* 2:69, 72–3, 76  
 Quinctus Flaminius, T. 8:91  
 Quinquegentiani 4:55, 57  
 Quintana Redonda 5:20; 8:153, 162, 163  
 Quintanas de Gormaz 8:159, 263, 264  
 Quintanilla Soto de Bureba 7:114  
 quiver 2:4, 9, 16  
 Quneitra 10:73  
**R**  
 Racatau 4:4  
 Radovanu 4:4  
 Raetia 1:4; 2:39, 41; 4:13; 6:111; 7:7, 9; 9:19; 10:122  
 Radvan nad Dunajom 5:223  
 Raetia 5:61  
 Raeti Gaesati 1:4  
*Rahmenschallencingulum* 6:116, 119, 120, 123  
 Rainau-Buch 1:146, 147  
 Rais Perula, C. 8:5, 6  
 ramparts 4:37–8, 45, 46, 48, 50, 51  
*rastrum* 2:69, 72, 76  
 Ravenna 1:146; 2:10, 18; 8:5; 9:3, 33  
 Razboieni 4:17  
 Razdrto 8:117  
 reaping hook 2:74  
 Reculver 7:70  
 re-enactment 11:119–25, 129–33, 135–8  
 Regensburg 6:119; 10:122  
 Reggio Calabria 2:116  
 Regillus, Battle of Lake 8:65  
 Regulus 8:18  
*Reihengrber* cemeteries 2:2  
 rein rings 2:27  
 Renel 2:110  
 Renieblas 8:41, 44, 47, 49, 56, 116  
   Camp III 4:24–6, 30; 11:43  
 Rennes 5:68, 70  
*retentura* 4:40, 41, 43, 44, 45, 46  
*retiarri* 9:1, 6, 7, 8  
 Rey Cross 4:50  
*rheda* 10:22  
 Rhegium 2:116  
 Rheims 5:238  
 Rheingheim 1:91; 3:96, 98, 102; 5:73, 77, 156; 7:27  
 Rhescuporis II 9:67  
 Rhine 2:4, 7; 3:6, 19, 29, 46, 81; 5:65, 125, 147, 199, 202; 6:89; 7:64, 110; 8:4; 9:28, 48; 10:45, 53; 11:21  
*rhizagra* 7:28  
 Rhodes 5:40; 8:73; 11:77  
 Rhne 5:3, 18, 147  
 Ribchester 3:10, 14; 11:21  
 Riccim 9:28  
 Richborough 1:2, 4, 91; 2:60, 62; 5:75, 97–105; 6:115; 7:147–9; 10:55, 56, 57, 103–12  
 Ricus 9:28  
 Riegel 3:67, 68  
 Rieste 2:2–3  
 Rijmenam 7:59, 84, 90, 92  
 Rijnwaarden 5:70  
 ring 2:27; 9:77, 81  
 ring-buckles 1:140, 152, 153; 5:30; 7:101; 10:59, 103  
*Ringknaufschwert see* ring-pommel swords  
 ring-pommel swords 2:110; 3:68; 5:143, 169–71, 185, 191, 199; 7:66–70, 84, 90; 10:90  
*Ringschnallencingulum* 6:116  
 Riocaldo 11:28  
 Risingham 1:4  
 Rsnov 6:119  
 Ritiissen 1:91; 3:76, 102; 5:43, 71, 75, 78; 9:42  
 rivets 7:7, 15; 11:123  
 Roanne 7:70  
 rods, iron 8:113, 116–17  
 Røllang 5:179  
 Rør 3:45; 5:233; 7:80; 9:19, 26, 28  
 Rösenbeck 5:68, 70  
 rollers 6:1  
 Romanasi 6:119  
 Roman Military Research Society 11:92–3  
 Rome 1:59; 2:9, 18–19, 101–3, 108; 3:70, 100; 5:43; 7:37; 8:5, 61, 65, 280, 284; 9:27; 10:3, 11, 23, 24  
 Romula 2:40; 6:110, 112–16, 121, 122, 123–8; 7:102; 10:75  
 Roomburg 10:45–53  
 Roquizal del Rullo 8:205  
*rorarii* 8:17, 19  
 rosa Alabandica 9:31  
 Rosalia Signorum 9:28  
 Rosinos de Vidriales 7:24, 28; 11:21  
 Rothari 2:1–2, 10  
 Rottweil 1:61, 91; 5:51, 73, 83  
 Roxolani 9:65  
 Rubiera 8:8  
 Rubio de Nombela 7:106, 118  
*rudarius* 9:6  
*rudis* 9:3, 5, 7; 11:114  
 Rudston villa 5:121  
 Rugians 2:1, 4, 20  
 Rugiland 2:5  
 Rumst 7:59, 84, 90, 92  
*russati* 9:32  
 Rutilius Rufus, P. 9:1, 2  
*rutrum* 2:69, 72, 71, 76  
 Rzezcyca Długa 3:45; 5:179, 183; 9:19, 21, 23, 26, 27  
 Rzezawy 8:292  
**S**  
 Saalburg 4:4; 7:28, 70, 100, 101, 102, 104, 105; 10:76; 11:135  
*sacci* 2:76  
*sacramentum* 9:2  
 Sacrius Primigenius, M. 10:1  
 saddle 1:61; 2:9, 16; 7:108; 11:123, 135  
   bags 9:31  
   horns 3:61; 5:132, 133  
   plates 5:160  
 Saepinum 8:5  
*sagina* 9:2  
*sagittarii* 1:151; 6:118; 10:16  
*sagum* 1:140; 8:27; 10:23  
 Saguntum 8:202, 213, 216, 217  
 Sgrv 1:145; 2:105, 109; 7:105; 10:60  
 St Albans 1:91; 4:4; 9:42  
 St Onolfsdijk 7:84  
 St Theagenes of Parium 9:32  
 Saint-Bernard 5:145  
 Saint-Blaise 5:3, 7, 17, 19; 8:210  
 Saint Clément 10:55  
 Sainte-Foy-ls-Lyon 5:18, 20  
 Saintes 7:32; 8:77; 11:2  
 Saintes-Marie-de-la-Mer 11:21  
 Saint-Germain-du-Plain 5:15, 18  
 Saint-Germain-en-Laye 1:92  
 Saint-Laurent-des-Arbres 5:10, 17, 20  
 Saint-Marcel 10:56; 11:100  
 Saint-Pierre-sur-Mer 5:16, 20  
 Saint Quentin 7:70  
 Saint-Raphal 5:19  
 Saint Saturni 11:21  
 Saint-Ulrich 7:105  
 Saives-Celles 4:98; 7:7  
 Sala 7:106; 9:42; 10:6, 7; 11:54, 56, 63  
   field-frame 6:38, 39, 54  
 Saladin 10:74  
 Salamis 11:106  
 Sala y Tamuda 10:57  
 Salerno 8:74  
 Salignac 11:100  
 Sallust 4:52  
 salt 2:68  
*saltarii* 2:10  
 Salzberg 8:79  
*sambucus* 8:208  
 Samikon 8:221  
 Samnites 9:2  
 Samos 8:207  
 Samothrace 4:4; 8:95, 99  
 Samson 10:57

- S. Giovanni/Gallo 2:12  
 San Josep 10:55  
 S. Juan Aznalfarache 8:163  
 St Gall Psalter 2:108, 110  
 St Pölten 10:57  
 Sanlucarejo 10:56  
 S. Maria Capua Vetere 3:67, 70  
 San Martin de Oscos 9:129  
 San Miguel del Arroyo 7:109, 114, 139; 10:56, 57  
 San Millán 11:17, 20  
 San Omobono 5:53  
 San Romano 2:17  
 San Salvatore di Maiano 2:18  
*sanctum* 4:46  
 Sanlucarejo 7:118  
 Santa Cruz 7:107  
 Santiago de Compostela 10:56  
 Sant Josep 7:109, 114  
 Sant Martí d'Empúries 8:210  
 Santomé 10:56  
 Santo Tom del Puerto 10:58  
 Santpoort-Rune van Brederode 6:94  
 Sant Vincenc d'Enclar 7:104  
 Sanzeno 8:116, 281  
 Sane 1:88; 5:3, 15, 18, 21, 141–52; 7:63, 64, 102  
 Saragossa 8:262  
*sarcina* 2:81  
*militaris* 2:68  
 sarcophagi 10:21–5  
 Antonine battle 1:142, 143  
 Red Sea Crossing 1:143  
 Sardinia 9:31  
*sarissa* 11:103–12  
*sarissaphoroi* 9:7  
 Sarmatians 2:102, 106, 109; 3:3; 6:120; 9:65–74  
 armour 2:108  
 Sarmizegetusa 1:7, 11, 12, 13; 7:105; 11:37  
 Sárszentmiklós 10:89–90, 92  
 Sasamn 7:106, 115; 11:22  
 Satala 2:62  
 satchel 2:95  
*satyr* 2:79  
 saucepan 2:77–8, 85  
 Sauromaces 7:39  
 Sauromates 1 9:67  
 Sauromati 3:18  
 Sava 11:1  
 saw 2:67, 69, 74, 76  
*sax* 2:4, 7, 12  
 Saxon 2:4  
 scabbards 5:15, 16, 30, 33–53, 133, 169, 200, 220; 10:74; 11:1–5, 120, 123  
 chapes 5:29, 30, 169, 199, 200; 7:59, 61, 80; 10:74; 11:1  
 frog 7:61  
 runner/slide 1:17–22; 2:110; 4:101–2; 5:29, 30; 11:132  
 Scaevola 5:239  
*scalpellum* 7:32  
*scamnum* 4:39, 41, 44  
 Scandinavia 2:4  
 scarf 2:81  
 Schachdorf 3:68  
 Schagen-Muggenburg 5:205, 206  
 Scheldt 7:78, 82, 84, 86, 90, 93  
 Schiedam 10:97  
 Schleswig-Holstein 2:4  
 Schmorkau 3:45; 5:183, 233; 9:19, 26  
 Schmorken 7:80  
 Schnepfenbaum 10:127–8  
*scholae armaturarum* 7:40, 43  
*armaturarum iuniorum* 7:38, 40, 41, 42, 45, 46, 47  
*armaturarum seniorum* 7:38, 40, 45, 46, 47  
*Gallica* 7:44, 45, 46, 47  
*gentilium* 4:58; 7:39, 40  
*iuniorum* 7:38, 40, 41, 42, 45, 47  
*seniorum* 7:38, 39, 40, 43, 44, 45, 46, 47  
*iuniores* 7:37, 38  
*palatinae* 4:61; 7:37, 38, 39, 40, 43, 44, 45, 48  
*scutiariorum* 7:44  
*clibanariorum* 7:39, 40, 45, 46, 47  
*prima* 7:37, 38, 40, 41, 42, 45, 46, 47  
*quarta* 7:44, 45, 46, 47  
*sagittariorum* 7:39, 45, 46, 47  
*secunda* 7:37, 38, 40, 41, 42, 45, 46, 47  
*tertia* 7:44, 46, 47  
*seniores* 7:37, 38  
 Schwangau 10:88  
 Schwarmstedt 5:199, 205, 206  
 Sciacca 5:20  
 scimitars 2:9  
 Scipio 4:50, 51  
 Aemilianus 2:67, 76–8, 89  
 Africanus 11:96  
 Elder 8:312  
*scorpio* 6:10, 39; 10:5, 10; 11:77–91, 96  
 arm 11:85  
 arrow aperture 11:80  
 case 11:82  
*maior* 11:77, 94, 96  
*minor* 11:77, 91, 94, 96  
 plating 11:81  
 slider 11:84  
 spring frame 11:79, 87  
 stand 11:84–5  
 trigger 11:84  
 universal joint 11:84–5  
 washers 11:87–8  
 windlass 11:82–3, 90  
 scorpion motif 5:171, 175, 181  
*scramasax* 2:7, 17  
 scrap metal 2:36–7; 11:25  
*sculdasci* 2:10  
 sculpture 8:3–8  
*scutaria* 7:40  
*scutarii* 10:125  
*scutum* 2:59, 77, 83, 86–7; 8:14–15, 17, 18, 31, 127, 162; 11:113, 114, 115  
 scythe 2:69  
 Scythians 2:101, 106; 6:54  
 Sebbenhausen 5:207  
*secunda rudis* 9:2  
*secundicerius* 4:58  
*securis* 2:69, 74, 76  
*secutor* 9:4  
 Segestica 8:217  
 Segbriga 7:101  
 Segovia 7:101  
 Seguntienses 9:33  
 Seica Mica 6:111, 112  
 Seine 1:88  
 Seleucus I 8:80  
 Selinonta 8:207  
 Sempronius Gracchus, Tib. 8:233  
 Seneca 11:63  
*senmurv* 2:106, 109  
 Sens 1:95  
 Septimius Severus 1:140, 147; 5:145; 6:120; 9:81; 10:73, 77, 116  
 Septimius, L. 8:5  
 Serapis 7:78  
 Sergius 4:58  
*sera* 2:69, 74, 77, 76  
 Sertorius 8:47, 249  
 Sertorius Firmus, L. 3:88  
 Servilianus 8:128  
 Servilius Caepio 8:127, 129, 130  
 Servius Tullius 8:13  
 Sesea 7:104, 110, 114, 115, 116, 117, 131  
*sesquiplicarii* 4:40  
 set, hot 6:1  
 Severius Acceptus 1:141, 142  
 Severus Alexander 3:18; 10:93, 116  
 Seville 9:37, 42  
 Sewingshields 1:3, 4  
 Sextius Calvinus, C. 5:3, 7, 9  
 Shakenoak 10:105  
 s<sup>h</sup>-Hertogenbosch 4:4  
 shields 1:69, 140, 143, 145, 147, 148, 152, 154; 2:2–5, 7, 12, 17, 60, 66, 67, 77, 79, 83, 86; 3:2, 41, 45, 62, 67, 90; 4:56, 59, 61; 5:33, 43, 69, 85, 132, 133, 200, 237, 238, 252; 6:108; 8:19, 20, 29, 62–6, 157, 195–6, 311, 313–14; 9:4, 5, 7, 20, 32, 58, 67; 10:23, 24, 25, 117; 11:38, 109  
 binding 5:90  
 bosses 2:4, 5, 7, 12, 16–17; 3:41, 43, 46, 68; 5:85, 90, 93, 160, 169, 199, 200; 6:105, 131; 7:70, 72; 8:140, 195–6, 234, 247, 262, 277; 9:5, 20; 10:3, 27  
 covers 1:162; 10:47–52, 126, 129  
 emblems 6:66; 7:39, 40, 41, 42, 43, 44, 45, 47, 48; 9:33  
 fittings 6:76, 91, 94, 95  
 handle 3:41, 43  
 miniature 5:246, 250, 251, 252  
 pavise 8:314  
 plaques 2:17  
 rectangular 10:47, 49, 52  
 strengthener 5:90, 156  
 wicker 9:3  
 ship's fittings 7:147–9  
 Siptonthorpe 10:1  
 ship wrecks 5:11–12, 18, 19  
 shovel 2:71  
*sica* 3:12; 6:78; 9:5, 6; 11:113  
 Sicily 2:10  
 sickle 2:67, 74; 5:132  
 Sidyma 8:220, 223  
 Siemiechw 5:250; 8:295  
 Sien 1:91  
 Sigmaringen 7:86  
*signa* 2:110; 5:48; 6:62, 66  
*militaria* 9:19–20  
*signifer* 3:6, 83; 5:125, 252; 6:61, 62; 8:7; 9:60  
 Silchester 10:90, 104  
 Silenus 4:73, 75; 7:7, 15  
 Silistra 5:69  
 Silius Largus, C. 5:48  
 Silvanus 2:101; 7:43  
 silvering 1:84, 88  
 Simancas 7:101, 108, 109, 113, 114, 118; 10:58  
 sinew 6:43, 44; 10:5  
 Singidunum 1:13  
 Sint-Huibrechts 7:82, 92  
 Sint-Pieters-Voeren 5:73  
 Siris 8:220, 223  
 Sirmium 2:9  
 Sisak 1:92; 5:72, 74, 77, 83, 237; 9:42; 11:1, 2, 4  
 Siscia *see* Sisak  
 Sldkovicovo 5:217  
 Slaveni 4:17  
 slaves 2:3  
 Slavs 2:1, 8, 20  
 Slaveni 2:35–6, 38–9, 41–2, 46, 47, 50, 51; 6:117  
 Sleaford 10:55  
 slingshot 3:3, 12, 30; 5:7–9, 16, 17, 18, 211–12; 6:74, 76, 99–103; 7:59, 61, 82, 86; 8:97–8, 195, 271, 274, 275, 301–6; 10:100  
 lead 8:117, 281  
 Slovakia 5:211–23  
 Smihel 8:41–4, 49, 50, 56, 105–18; 11:43  
 snake 2:101, 108  
 Social War 9:1  
 Socrates 6:62  
 Sofia 8:67  
 solder 11:1  
 Srup 4:4; 5:205, 207  
 Sora 8:4  
 Sojvide 3:43  
 Sol Invictus 9:28  
 Solua 7:104  
 Soranus 5:65  
 Souconna 5:152  
 South Ferriby 7:102  
 South Shields 1:2, 4, 17, 19; 3:45; 5:29, 30, 85, 90, 237; 6:116; 7:102, 104, 145; 9:19, 22, 27; 10:2, 41, 59, 76; 11:129, 133, 135  
 Southwark 1:91  
 spade 2:69, 72, 76  
 Spain 4:23–30; 7:97–118; 8:312; 9:37–43  
 Spalnaca 6:115  
 Spangenhelm 1:147; 2:7; 9:71  
 Spargi 5:20  
 Spartacus 11:115

- spatha* 2:4, 7, 12; 5:30, 53, 69, 83, 93, 173, 175, 177, 179, 185, 193; 7:27, 74, 78, 80; 9:5, 7, 19, 28, 48; 10:23, 75; 11:38
- spatium* 9:55, 60
- spears 1:145, 151, 154; 2:2–4, 7, 12, 16–18, 40–1, 102; 3:101; 4:60; 5:9, 45, 66, 69, 83–4, 169, 211, 217; 6:108; 7:24; 8:29, 139–40, 292, 312; 9:32, 67; 10:24
- butts 2:41, 53, 56; 5:16; 6:74, 76, 93, 94; 7:27; 8:273
- heads 1:1–5; 2:6, 35–6, 38, 40–2, 44–5, 47, 48, 51, 52, 56, 59–60; 3:2, 41, 42, 43, 114–16, 117; 4:12–13; 5:16, 150, 220; 6:1, 74, 89, 93, 94, 108, 109, 131, 134; 7:70, 86; 8:117, 118, 156, 157, 186–93, 273, 275, 282, 295; 10:87
- ‘leaf-shaped’ 2:2, 5
- sockets 2:5, 37, 40, 51
- ‘standard tips’ 2:4
- spectacula* 9:3
- speculator* 1:36
- Speyer 10:121
- spiculum* 2:59; 7:24
- Split 3:89
- Spoleto 2:10
- spolia* 2:101–2, 104
- spongia* 9:5
- sports helmets 2:109
- spurs 2:3, 16, 18; 3:42, 43; 5:212, 223; 8:196, 292
- square spearheads 2:36
- Sremska Mitrovica 11:1
- Stabiae 5:53
- Stabio 2:17
- staff 4:57
- standard 2:16, 102, 110; 3:6; 7:59; 9:27, 32–4, 60
- bearer 2:101
- Stangenschildbuckel* 2:3
- Stanwick 4:4
- Starachowice 5:175, 245
- Stara Zagora 5:35
- Star Carr 2:71
- Stein 10:75
- Steinbrunn 2:7; 6:106
- stele *see* tombstone
- Stilicho 7:44, 45
- stimuli* 5:17; 8:117, 271, 275, 279
- stirrups 2:16–17
- Stockstadt 3:68; 6:109; 9:79; 10:121
- Stokkem 7:92
- Stolniceni 2:35, 38; 4:17; 6:111
- stomach-bow 11:64–6
- stones, hand-thrown 11:137
- Stoney 2:70
- Strabo 2:2; 4:24; 8:123, 127, 129, 130, 210; 11:1, 4, 106
- Strageath 1:19; 3:106
- stramen* 2:74
- strap 2:67
- fastener 7:61
- fittings 1:77, 80, 84, 86–7; 6:115; 7:72, 74, 90, 106
- terminal 6:124, 128; 10:104, 106, 108, 110, 112
- Strasbourg 1:27, 92; 3:68, 70, 81; 4:4; 5:43, 49; 9:32
- Straubing 1:147; 3:14, 28, 45; 5:21, 74, 78, 181, 233; 7:80; 8:116; 9:19, 26, 27; 10:59, 121
- Streisnorgeorgiu 6:105
- striga* 4:35
- strigil 6:80
- string bag 2:77–8, 85, 89
- stud 3:81–102; 6:115, 116, 119, 124, 126, 128, 137; 7:97–118; 9:77, 81, 82
- bell-shaped 10:2, 3
- caterpillar 7:61
- circular 7:99–101, 110, 112
- fungiform 5:30; 7:99
- heart-shaped 7:99, 107
- hexagonal 7:101–2, 109, 127
- lunate 9:77
- oval 7:99, 109
- peltate 7:97, 99, 103–5, 109, 112; 9:77
- phallic 9:77, 79
- rhomboid 7:99
- single/double-shanked 7:108–9
- triple-shanked 7:107–8
- Stupava 5:217
- Stupsk 8:292
- Stuttgart 1:17, 22
- Subarmachius 7:39
- sub sarcinis* 2:81
- Sucidava 6:112
- Suda 8:251, 253, 254, 266
- Sudan 10:1
- sudes* 2:74, 76
- Suebi 2:1; 8:291
- Suebic confederacy 2:2, 4
- Sderbrarup 4:4
- Suetonius 1:161
- Sulpicius Severus 4:56, 57
- summapalus* 9:2
- summarudis* 9:2
- Sunion 8:181
- Sunninghausen 3:3
- surveyors 2:77
- Susa 8:80
- sutoriis* 2:81
- Sutton Hoo 4:4, 5
- Sveti 5:20
- swage, bottom 6:1, 2
- Sweden 5:177, 227
- Swierkwiec 8:295
- ‘Sword of Tiberius’ 5:35, 39, 40
- swords 1:99, 100, 102, 140, 145; 2:2, 4, 7, 9, 12, 16–17, 67, 86; 3:41–7, 67, 68, 101; 4:57; 5:10–11, 15, 17, 19, 33–53, 59, 65, 66, 69, 83, 119, 141, 160, 169–93, 211, 217, 227–39; 7:24, 27, 78, 82, 93; 8:4, 29, 61, 97, 108, 113, 116, 131, 156, 157, 193–4, 234–44, 247–9, 311–12; 9:19–29, 54, 56, 67–8; 10:74–8, 117; 11:2
- analysis 9:28
- antenna 8:255, 257, 259, 262
- grips 5:29; 7:72, 84–6, 93; 10:74
- hilt-guards 5:29; 7:78, 82
- inlaid 7:63–4, 80; 9:19–29
- La Tène 8:234–8, 251, 256, 257, 260, 262, 263, 266, 268, 277, 282, 291
- Mainz type 5:33–51, 52, 143, 156, 173, 193; 7:61–3, 64–6, 72; 8:49, 56, 97, 240, 256, 258; 9:5, 45–9; 11:2, 115
- model 9:6
- pommel 3:68; 5:29, 30; 10:74
- Pompeii type 5:33, 35, 51–3, 143, 150, 156, 193, 217, 220; 7:63, 64, 66, 80, 84; 8:256, 258, 259; 9:5, 45–9; 11:2
- Rør type 9:26, 27
- scabbards 1:99, 100, 101, 103; 6:76, 77; 8:53, 61, 259, 262, 263; 9:45–9; 10:74
- short 9:4, 7, 19
- stamps 5:169, 171–9, 227–37
- Straubing-Nydam 5:53; 10:74
- wooden 8:311–12
- Syracuse 8:208, 210, 280; 9:32; 11:68
- Syria 3:8, 11, 12, 14, 16, 27; 7:110
- Syrian legions 2:66
- Szentendre 2:6
- Szombathely 1:12
- Szny 1:140, 142, 146, 152; 5:83, 93; 6:119; 7:104; 9:42; 10:75
- T**
- Tabernae 1:92
- tabula* 8:169, 170, 173, 175
- ansata* 85, 171, 173
- Tacfarinas 5:69
- Tacitus 1:1; 2:2; 3:3, 6, 11, 12, 20, 41, 74; 4:49, 50; 5:162; 6:99; 9:27, 74
- Talamonaccio 8:41, 44, 115, 117; 11:43
- Talmud 10:77, 78
- Tamasi 2:7
- Tanais 9:67
- Tangiers 1:92
- tar 3:117
- Tarentum 8:74
- Tarquinius 8:63
- Tarraco 7:105; 8:157, 226
- Tarragona 1:92
- Tartessos 8:216
- Taruttienus Paternus 10:125
- Tauriscsi 8:105; 11:1
- Taviers 7:7, 59, 92
- Teba 9:40, 42; 10:57
- technical manuals 6:5
- Tekije 3:93, 96, 98, 99, 102
- Hoard 9:42
- Telamon 8:41, 44, 97, 115, 266; *see also* Talamonaccio
- Telesia 9:1
- Tel Iztabba 8:301
- Tell ed-Dahab 10:73
- Temple of Sol (Bel) 2:101
- Temse 7:82, 84, 90, 92, 93
- Tènès 7:106; 10:55
- Tenos 8:62
- tents 1:109–37; 2:80; 4:23–30, 42, 43; 10:45, 126, 129; 11:121–2
- door 1:114, 123
- guy rope 1:114–16
- pole 1:114–16
- roof 1:114
- wall 1:113–14
- Terentius Scaurianus, D. 1:7, 13
- Teramo island 8:5
- Terranius Marcellinus 1:10
- Tertullian 3:67
- Teruel 1:59; 8:125, 167–96
- Testona 2:2, 12, 18
- testudo arietana* 8:37
- Tetrarchy 6:64
- Tetricus 6:91; 7:74, 80
- Teurnia 10:92
- Teutoburger Wald 3:1–34
- Teutones/Teutoni 5:3; 11:114
- textile 7:7
- Thala 2:67
- Thames 5:147; 7:61
- Thamusida 1:92; 6:109; 10:57
- thanatos* 9:2
- Theagenes 4:58
- Theban legion 4:60
- Theilenhofen 5:211; 10:121
- Theoderic 2:20
- Theodore 4:57
- Theodoret 6:64, 65
- Theodosian Code 2:88
- Theodosius I 1:139, 149; 2:59; 6:63, 64, 65; 7:43, 44, 48, 112; 11:66; II 10:117
- Theodosius Column 1:59, 139, 143
- Theodotus 10:117
- Theophanes 7:45
- Theophilus 8:67
- Theophrastes 11:104, 105, 106
- Theophylact Simocatta 1:155; 2:1
- Thessaloniki 1:142; 2:102, 107; 9:69
- Thessaly 8:92
- theta nigrum* 9:2
- The Wincle 10:2
- Thiant 10:100
- thigh-guards 5:128
- thoracomachus* 1:148, 151; 8:127; 11:130
- Thorembais-Saint-Trond 4:98
- Thorsbjerg 1:147; 4:2, 4, 5; 5:199, 200, 201, 205, 206, 207, 233; 6:112
- Thrace 3:11, 12, 14, 16, 27, 74, 76, 78; 6:109, 112
- Thracians 9:2, 5; 11:21
- Rider-God 2:109
- thunderbolt motif 5:43, 45
- Thuringian kingdom 2:4, 7
- Tiber 5:147, 152
- Tiberias 10:73, 77
- Tiberius 2:2, 118; 3:23; 5:33, 39, 40, 43, 45, 48, 53, 159; 8:76, 82; 10:116
- Tiberius Gemellus 5:45
- Tibiscum 1:13; 6:119; 10:75
- Tiefenau 4:4
- Tielrode 7:93
- Tienen 4:67; 7:1, 14; 10:95, 97, 100
- Tienen-Grimde 7:7
- Tiflisskaya Stanitsa 9:67, 69
- Tigranocerta 9:65
- Tihany 4:12; 7:7, 102, 105, 109

- Tineus Longus **10:3**  
 tinning **9:45**  
 Tirig **10:56**  
 Trnava river **6:120**  
*tirones* **9:2**  
 Tisza **2:6**  
 Titelberg **1:91; 5:70; 8:56; 9:79**  
 Titulcia **7:104, 115, 116, 145; 10:56**  
*titulum* **4:46, 52**  
 Titz **1:91**  
 Toarcla **6:121**  
 Toledo **7:101, 103, 104, 107, 111, 113; 10:56**  
 Tolstaja Mogila **8:62**  
 tombstones **1:1, 10, 140–2, 149, 151**  
 Tomis **1:12; 6:111**  
 Tongeren **4:67, 69; 5:21, 69; 7:1, 59, 63, 82, 92; 10:95, 97, 100**  
 Tongres *see* Tongeren  
 tongue **2:17**  
 torcs **4:58; 7:48; 8:8, 129**  
 torques *see* torcs  
 Torre del Mal Paso **7:101, 113, 114, 115**  
 Torres de Guadamar **9:37**  
 Totanes **7:116, 145; 10:56, 58, 59**  
 Tourbes **7:104**  
 Tournai **10:57**  
 Tournes **7:102**  
 Townley Collection **2:102**  
 Toya **8:155, 161, 163**  
 training **9:3**  
   equipment **8:311–14**  
 Trajan **3:16, 28; 5:51, 53, 211; 6:23, 91; 9:3, 42; 10:53, 73, 123; 11:47, 61, 114**  
 Trajan's Arch **3:90**  
   Column **1:1–2, 109, 122, 123, 139, 163; 2:65, 71–4, 76, 77, 79–81, 83–4, 88, 90, 92–3, 96, 66, 75, 82, 102–3; 3:6, 90; 5:65; 6:6, 7, 8, 10, 13, 29, 38, 40, 41, 42, 46, 48, 49, 50, 54; 9:20, 65, 68–9, 70, 71, 74, 81; 10:5, 6, 7, 49, 137, 138; 11:37, 38, 50, 60, 61, 63, 70, 97, 100, 121, 123, 137**  
*transvectio equitum* **8:7**  
 Trasimene **8:156**  
 Trebusice **3:45; 5:181, 185; 7:64, 70; 9:19, 28**  
 Trento **2:18**  
 Treviso **7:104**  
 Trvoux **5:145**  
 Trezzo sull'Adda **2:2, 12, 16, 17**  
*tria nomina* **5:232**  
 triangular spearheads **2:36**  
*triarii* **2:59; 8:16, 17, 19, 127**  
*triboli see tribuli*  
*tribuli* **4:51; 8:275, 279**  
*tribunal* **4:39**  
 Tribune Terentius fresco **1:145**  
 tribunes **4:39**  
*tribunus militum* **8:5**  
 Trier **5:199; 6:55, 80; 7:72, 92; 10:15, 57**  
   Olewig **5:10, 21**  
 Trier-Altachtal **3:68**  
 Trimontium **2:27**  
 Tripontium *see* Cave's Inn  
*triticum* **2:69**  
 Tropaeum Traiani **9:22**  
 trophies **5:45, 53**  
*trullae* **2:78**  
*tubae* **9:6**  
 Tuchyna **5:220; 10:121**  
 Tuczno **8:292**  
 Tulln **2:4**  
 Tumba de la Vega Baja **7:116**  
 tumuli **7:7, 9, 14**  
 tunics **2:17, 81, 89, 104, 115**  
 turf cutter **2:74, 81**  
 Turin **2:12**  
 Turks **2:9**  
*turma* **1:146, 154; 3:60; 4:40, 42**  
 Turmogidi **11:11**  
 Tur de dos Pins **8:226, 262**  
 Tur del Montgrs **8:224**  
*turris arietana* **8:37–8**  
 Tuscany **2:9; 5:21**  
 Tutulus brooch **1:30; 4:81**  
 Tyne **5:90**  
 Typhon **9:67, 69**  
 Typasius **4:55, 56, 57, 59, 60, 61, 62**  
 Tyre **10:76**  
 Tyrol **2:95**  
**U**  
 Ubbergen **3:8, 60**  
 Ulpia Traiana Sarmizagetusa **6:113, 117**  
 Ulpius Telesporus **7:111**  
*umbo* **8:20, 156, 261**  
 Umm Qeis **10:73**  
 Unterkirchberg **1:91**  
 Urluieni **6:117**  
 Ursao **8:117**  
 Usk **2:81; 5:70, 74**  
 Ust-Labinskaya stanitsa **9:69**  
*uter* **2:67, 79, 85**  
*utere felix* **2:41**  
   fittings **6:115, 119, 123, 128**  
 Utrecht **1:91; 5:70; 10:52**  
 Utrera **8:117**  
 Uzitta **4:53**  
**V**  
 Vaccei **11:11**  
 Vadenay **5:18, 21**  
 Vadillo de la Guarea **7:112**  
 Val di Non **5:20**  
 Valdarras **7:115**  
 Valencia **8:47, 127**  
 Valens **1:149, 155; 7:38, 101; 10:117**  
 Valentinian I **7:38, 99; 10:57, 117; II 6:65; 7:112; III 2:69; 7:48**  
 Valentinianus **6:64**  
 Valentinus **9:8**  
 Valeria **7:101, 113**  
 Valerian **2:62; 9:32**  
 Valerius **8:100**  
 Valerius Aion **9:31**  
 Valerius Arsaces, C. **8:8**  
 Valerius Crispus, C. **3:88; 9:42**  
 Valerius Valens, C. **3:89**  
 Valerius Maximus **2:118; 9:1; 11:114**  
*valetudinaria* **7:28; 9:2**  
 Valkenburg **1:91, 109, 124, 125; 2:92; 5:48, 49, 51; 7:28, 32; 10:45, 49, 52, 126, 127, 130, 133**  
 Valladolid **7:101, 105, 109, 110, 142; 10:58**  
 Vallfogona de Balaguer **8:154, 160, 262**  
*vallum* **4:35, 39**  
*valli* **2:67, 76; 4:50, 52, 53**  
 Vandals **2:4, 20; 5:211**  
 Varan disaster **8:5**  
 Varea **7:104**  
 Varennes-le-Grand **5:148**  
 Variscourt **5:16, 21**  
 Varro **4:2; 8:5**  
 Varus **3:4, 5, 6, 12, 19, 21, 24, 27, 28; 5:125; 6:69–84**  
*vas* **2:65, 67, 78, 85**  
 Vatican **1:142, 145**  
 Vaucluse **8:247**  
 Vechte **3:22**  
 Vechten **3:3, 8, 15, 17, 58, 60; 4:4; 5:70; 10:90, 127**  
 Vedennius Moderatus, C. **6:8, 24, 46, 49; 10:137; 11:78, 80, 81, 100**  
 vegetal/animal motif **5:49–51, 52**  
 Vegetius **1:2, 4, 139, 148, 149, 150, 151, 154, 155, 162, 163; 2:59–60, 62, 65, 71–4, 77, 89–90, 101; 4:49, 50, 51; 5:65, 101, 105; 6:39, 43, 48, 51, 54; 8:37, 280, 312, 313; 9:2, 3, 6, 74; 10:5, 6, 14, 15, 24, 25, 125; 11:66, 96, 99–100, 114**  
 Veguilla de Oreja **7:104, 106, 109, 118**  
 Veii **8:14**  
 Veleia **7:112**  
 Velilla **7:106, 110, 113, 115**  
   de Ebro **9:42**  
*velites* **8:15, 19**  
 Velleius Paterculus **2:2; 3:6**  
 Velsen **1:91; 3:37; 5:68, 70; 7:28; 11:121**  
   1 **6:89–98, 99–103**  
   2 **6:89–98**  
   -Hoogovens **6:91**  
 Velsbroek B6 **6:89–98**  
 Velzeke **7:59, 84, 90, 92; 10:100**  
*venationes* **9:1, 8**  
*venatores* **9:1**  
 Venus **9:45**  
   Genetrix **9:27**  
 Verdun-sur-le-Doubs **5:141**  
*veredarii* **9:2**  
 Vergeio **8:217**  
 Vergina **6:113; 8:61, 62, 63, 66; 11:103, 106, 108, 109**  
 Veria **1:140, 141, 142, 146; 8:61**  
 Verjux **5:18, 21**  
 Vermand **10:57**  
 Verona **1:142; 2:9, 12, 65; 9:1**  
*verriculum* **2:59**  
 Vertault **1:92, 94, 95; 7:86**  
 Verulamium **6:109; see also St Albans**  
*verutum* **2:59; 7:24**  
 Vesdre **7:72**  
 Vesiser **8:14**  
 Vespasian **1:32; 5:238; 9:43; 11:78**  
 vessel **2:77–8, 85**  
   copper alloy **6:80**  
 Vesuvius **3:94, 96**  
 Vetel **2:38**  
 Vetera **5:156, 162; 9:1**  
   I **3:11**  
*veteranus* **9:3**  
 veterans **7:9**  
 veterinary hospital **4:43**  
*vexilla* **1:145, 153; 2:101–2; 8:16; 9:27**  
*vexillarius* **1:140; 2:101; 8:15, 16**  
*vexillatio* **2:41; 4:37, 41, 42, 63**  
   *Britannica* **10:127**  
   *Brittonum* **7:7–9**  
   *RaetorumGaesatorum* **1:4**  
*vexillum* **2:102, 110; 5:53**  
 Vzelise **4:4**  
 Via Annia **2:119**  
   Ardeatina **2:80**  
   Latina Catacomb **1:145; 10:24**  
   Maria catacomb **9:32**  
   *praetoria* **4:39**  
   *principalis* **4:38, 39**  
   *quintana* **4:40**  
   *sagularis* **4:37, 41, 43, 45**  
 Vibius Macer, C. **8:6, 8**  
*vicarius* **4:57**  
 Vicenne **2:16–17**  
 Vicenza **2:9**  
 Victor **4:59**  
 Victoria **1:102; 3:29, 45; 5:40, 43, 45, 52, 53, 169, 175, 179, 181, 183, 185, 233, 237; 9:19, 21, 23, 26, 28, 42, 48; 10:87, 88**  
   Augusti **9:27**  
   Felicitas Caesaris **9:27**  
   Nemetona **10:87**  
 Victricius, Bishop of Rouen **4:61**  
*vicus* **2:105; 5:63**  
 Vieil-Atre **10:58**  
 Vieille-Toulouse **5:10, 11, 17, 20; 8:284**  
 Vienna **1:140; 2:4; 3:73**  
 Vienne **1:94; 5:145; 7:102**  
 Vieux-Port **7:104**  
 Vihansa **5:69; 7:82; 10:88**  
 Vijayanagara **8:202**  
 Vilauba **7:101, 115**  
 Vlcea **2:38, 53**  
 Villaricos **5:20; 8:156, 161, 163**  
 Villarrubia **7:111, 116, 145**  
   de Santiago **10:55, 56, 58**  
 Villasequilla de Yepes **7:102, 105, 111, 116, 118; 10:58, 59**  
 Villas Viejas **9:42**  
 Villa Vellelunga **8:8**  
 Villaviudas **7:118**  
 Vimose **1:22, 147; 4:2, 4, 5; 5:29, 30, 31, 171, 173, 175, 177, 185, 193, 199, 200, 201, 227, 238; 6:111; 9:28; 10:76, 77**  
 Vindelicia **5:40**  
 Vindobona **3:47**  
 Vindolanda **1:2, 22, 109–37; 2:92; 7:32; 10:45, 125, 133; 11:21, 92, 121–2, 133**  
   writing-tablets **6:43**

- Vindonissa *see* Windisch  
vinegar 2:68, 79  
*vinum* 2:68–9  
Vireux-Molhain 7:102, 104, 105  
Virgil 2:65  
Viriatius 8:125–7, 128, 133  
Viroin 7:70  
Virunum 10:75  
Visigoths 2:20  
Vistula 3:41, 47  
Vitellius 5:145; 9:2  
Viterbo 7:111; 8:4  
*vitis* 2:115–16; 8:6  
Vitoria-Gasteiz 11:12  
Vitruvius 1:48, 49; 6:5, 11, 21, 32, 33, 39, 42, 43, 45, 49, 51, 54; 8:179, 181, 208; 10:137; 11:77–91  
*de Architectura* 11:77, 78–90  
Vize 1:42; 3:11; 6:78; 8:72  
Vlaardingen 10:97  
Vleuten 10:52, 127  
-de-Heern 11:19, 21  
Voconius, C. 8:7, 8  
Vocula 5:127  
Voer 7:66  
Volubilis 1:92; 7:100, 101, 104, 106; 8:117; 9:42; 10:7, 13, 14, 57; 11:56, 96  
Voremwald 8:116  
votive deposits 5:11, 67; 10:87–93  
Vozdvizhenskaya stanitsa 9:69  
Vrhnika 11:1  
Vulci 8:44  
Vully-le-Haut 5:63, 77  
*vulsella* 7:28  
vulvate fittings 7:7, 14, 15, 19, 102  
Vurgundaib 2:4
- W**  
Waal, River 1:32; 3:58; 5:134; 7:64; 9:77  
Waasmunster-Pontrave 7:86  
Waddon Hill 2:93; 3:102; 5:77  
Wall 7:32  
Walldrn-Reinhardsachsen 9:19, 26  
Wallsend 1:4; 10:2; 11:135  
walrus 5:27  
Wanborough 2:93  
Wange 4:67–99; 7:1–19, 74, 92, 102, 104, 105, 106; 10:95–100  
Warsaw 3:41  
washer 10:6, 7  
water deposition 5:12–15, 33, 65–8  
Watson 2:88  
-manufacture 3:105–18  
Waudrez 7:92  
Wederath 6:74  
-Belgium 8:116  
wedges 7:32  
Wehden 5:205, 206  
Weiler-la-Tour 4:4; 5:160  
Weisenau 1:29; 5:35, 65, 73  
Weissenburg 2:39; 4:4, 17  
Weser 2:3; 3:1, 19, 23; 5:202; 9:48  
Weser-Vistula region 2:3  
Weslki 5:173; 8:292, 293  
Westerwanna 4:4; 5:205, 206, 207, 246; 10:56  
Weyler 7:59, 92  
whales 5:27  
wheel-shaped fittings 7:7, 15  
Wheringen 7:70  
White 2:71, 73  
wickerwork 2:75  
Wielbark culture 3:41  
Wielkopolska 3:45  
Wien 8:73  
Wiener Feld 2:7
- Wiesbaden 1:91; 2:87; 3:88; 5:51; 7:102; 10:90  
Erbenheim 5:193  
Wijchen 9:77  
Wijk bij Duurstede 9:79  
Wijnaldum 5:205, 207  
Wildeshausen 5:199, 200  
Wimbourne 1:91, 2:93  
Windisch 1:91, 161; 5:33, 35, 40, 43, 48, 49, 51, 53, 63, 69, 73, 75, 77–8, 85, 90; 6:76; 7:27, 28, 32; 8:75, 116, 302; 9:42, 48, 49; 10:49, 51, 52, 90, 125; 11:67, 68  
Schutthgel 5:33  
wine 2:68, 79  
Winseling 1:99  
Winssen 9:77  
Witaszewice 4:4; 8:292  
Woerden 10:52  
wolf 1:56, 57, 58; motif 5:43  
Wollenrade 4:4  
-head 2:102  
wood  
ash 11:44  
cherry 11:67, 107  
cherry-laurel 11:67  
maple 11:1  
nut 11:1  
oak 1:53, 54; 11:109  
pine 1:53  
Woodcock Hall 7:102  
Woodeaton 4:4  
workshops 4:37, 43  
Worms 1:27  
wounds 11:40  
Wroclaw-Partynice 8:291  
Wroxeter 1:91; 2:60, 62; 3:102; 9:42  
Wycomb 10:56  
Wye 10:55
- X**  
Xanten 1:82, 84, 89, 91; 3:5, 13, 17; 5:75; 7:28; 8:5; 10:52, 128  
Wardt 5:127, 133, 155–63; 8:78, 79  
Xanthippe 8:18  
Xenophon 3:73; 8:63  
Xerxes 2:88  
*xiphos* 8:254
- Y**  
Yaroslavskaya stanitsa 9:74  
Yasenovaya Polyana 9:67  
yoke 4:82  
York 11:88, 111
- Z**  
Zadorra 11:25  
Zadowice 4:4; 5:245  
Zakrzew 5:246  
Zedau 10:76  
Zelicinthus 4:58  
Zemplin 4:4; 5:173, 220  
Zeran 8:292  
zinc 7:4  
Zips 5:21  
Zonaras 3:23  
Zopirus of Tarentum 8:208  
Zosimos 2:101  
Zubovsky khutor 9:69  
Zugmantel 1:22; 4:4; 5:30; 6:109, 116; 7:7, 101, 102, 104, 105; 10:27, 35, 36, 37, 38  
Zurawiczki 3:45; 5:183  
Zwammerdam 4:4, 5; 5:77; 6:109; 7:28; 10:52, 126–7  
Zweibelknopffibel 1:12

This page intentionally blank

This page intentionally blank

