A COMPANION TO THE ROMAN ARMY

Edited by

Paul Erdkamp



A COMPANION TO THE ROMAN ARMY

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Abbreviations of Reference Works and Journals

AE Année épigraphique

AJAH American Journal of Ancient History

AJP American Journal of Philology

AncSoc Ancient Society

ANRW Aufstieg und Niedergang der römischen Welt BASP Bulletin of the American Society of Papyrologists

BGU Aegyptische Urkunden aus den staatlichen Museen zu Berlin;

Griechische Urkunden

BICS Bulletin of the Institute of Classical Studies of the University of London

BJ Bonner Jahrbücher

BMCRR H. Mattingly and R. A. G. Carson, Coins of the Roman Empire in

the British Museum, 1923-

CAH Cambridge Ancient History

CBFIR E. Schallmayer et al., Corpus der griechischen und lateinischen

Beneficiarier-Inschriften des römischen Reiches, Stuttgart 1990

ChLA A. Bruckner and R. Marichal (eds.), Chartae Latinae antiquiores,

Basel 1954-

CIL Corpus Inscriptionum Latinarum

CP Classical Philology

CPL R. Cavenaile, ed. Corpus Papyrorum Latinarum, Wiesbaden 1958

CQ Classical Quarterly

xviii Abbreviations of Reference Works and Journals

CRAI Comptes rendus de l'académie des Inscriptions et Belles-Lettres

Daris S. Daris, Documenti per la storia dell'esercito romano in Egitto, Milan

1964

EA Epigraphica Anatolica

FIRA S. Riccobono et al., Fontes iuris romani anteiustiniani, 1940-3

FO L. Vidman (ed.), Fasti Ostienses, Prague 1982

GRBS Greek, Roman, and Byzantine Studies

IGBulg G. Mikailov, Inscriptiones Graecae in Bulgaria repertae, Sofia

1956-1987

IGLSyr Inscriptions grecques et latines de la Syrie

IGR(R) R. Cagnat et al., Inscriptiones Graecae ad res Romanas pertinentes,

Paris 1901-27

ILAlg Inscriptions latines de l'Algerie, 3 vols., Paris 1922, 1957, 1976

ILS H. Dessau (ed.), Inscriptiones Latinae selectae, Berlin 1954

InscrAq J. B. Brusin (ed.), Inscriptiones Aquileiae, 3 vols., Udine 1991-3

JDAI Jahrbuch des Deutschen Archäologischen Instituts

JHS Journal of Hellenic Studies

JÖB Jahrbuch der österreichischen Byzantinistik

JRA Journal of Roman Archaeology

IRGZ Jahrbuch des Römisch-Germanischen Zentralmuseums Mainz

JRMES Journal of Roman Military Equipment Studies

JRS Journal of Roman Studies

LA Liber Annuus (Studium Biblicum Franciscanum Jerusalem)

LCL Loeb Classical Library

Lib. Hist.

Franc. Liber Historia Francorum

LTUR Eva Margareta Steinby (ed.), Lexicon Topographicum Urbis Romae,

6 vols., Rome 1993-2000.

MAAR Memoirs of the American Academy in Rome

Mitteis, Chr. L. Mitteis und U. Wilcken, Grundzüge und Chrestomatie der

Papyruskunde, Leipzig 1912

MRR T. R. S. Broughton, The Magistrates of the Roman Republic, 3 vols.

(1951, 1952, 1986)

Not.Dig.Occ. Notitia Dignitatum Occidentis

O. Amst. R. S. Bagnall, P. J. Sijpesteijn, and K. A. Worp, Ostraka in Amsterdam Collections, Zutphen 1976

O. Bu Djem R. Marichal (ed.), Les Ostraca de Bu Djem, Tripoli 1992

O. Claud. J. Bingen et al., Mons Claudianus. Ostraca Graeca et Latina, Cairo 1992, 1997, 2000

O. Florida R. S. Bagnall (ed.), The Florida Ostraka. Documents from the Roman Army in Upper Egypt, Durham, NC 1976

OJA Oxford Journal of Archaeology

OLD P. W. G. Glare (ed.), Oxford Latin Dictionary, Oxford 1968-82

P. Abinn. H. I. Bell et al. (eds.), The Abinnaeus Archive: Papers of a Roman Officer in the Reign of Constantius II, Oxford 1962

P. Berol. G. Ioannidou (ed.), Catalogue of Greek and Latin Literary Papyri in Berlin (P.Berol.inv. 21101–21299, 21911), Mainz 1996

P. Brooklyn J. C. Shelton (ed.), Greek and Latin Papyri, Ostraca, and Wooden Tablets in the Collection of the Brooklyn Museum, Florence 1992

P. Columbia Papyri. Vol. I (1929)-XI (1998)

P. Dura C. Bradford-Welles et al., The Excavations at Dura-Europos. Final Report V 1. The Parchments and Papyri, 1959

P. Fay. Fayum Towns and their Papyri, B. P. Grenfell, A. S. Hunt, and D. G. Hogarth (eds.). London 1900

P. Fouad A. Bataille et al. (eds.), Les papyrus Fouad, Cairo 1939

P. Grenf. 1 B. P. Grenfell, An Alexandrian Erotic Fragment and Other Greek Papyri, Chiefly Ptolemaic, Oxford 1896

P. Grenf. 2 B. P. Grenfell and A. S. Hunt, New Classical Fragments and Other Greek and Latin Papyri, Oxford 1897

P. Hamb. P. M. Meyer (ed.), Griechische Papyrusurkunden der hamburger Staats- und Universitätsbibliothek, Leipzig/Berlin 1911–24

P. Mich. Michigan Papyri. Vol. I (1931)-XIX (1999)

P. Osl. Papyri Osloenses. Oslo. Vol. I, S. Eitrem (ed.), Magical Papyri, 1925. Vol. II, S. Eitrem and L. Amundsen (eds.), 1931. Vol. III, S. Eitrem and L. Amundsen (eds.) 1936

P. Oxy.

B. P. Grenfell and A. S. Hunt et al., *The Oxyrhynchus Papyri*, London 1898–

P. Panop. T. C. Skeat, Papyri from Panopolis in the Chester Beatty Library,

Beatty Dublin, Dublin 1964 P. Petaus U. Hagedorn et al. (eds.), Das Archiv des Petaus, Cologne 1969 P. Strasb. Griechische Papyrus der kaiserlichen Universitäts- und Landesbibliothek zu Strassburg P. Yale Yale Papyri in the Beinecke Rare Book and Manuscript Library PBSRPapers of the British School at Rome PGJ.-P. Migne, Patrologia Graeca, Paris 1857–66 P.Gen.Lat. J. Nicole and C. Morel (eds.), Archives militaires du 1er siècle (Texte inédit du Papyrus Latin de Genève No. 1). Geneva 1900 PIRE. Klebs et al. (eds.), Prosopographia Imperii Romani, Berlin 1897-8 PIR^{2} E. Groag et al., Prosopographia Imperii Romani, Berlin 1933-PLREJ. Morris et al. (ed.), Prosopography of the Later Roman Empire, Cambridge 1971-92 **PSI** G. Vitelli et al. (eds.), Papiri greci e latini, Florence 1912-RACReallexikon für Antike und Christentum, Stuttgart 1950-REBRevue des études byzantines Revue des études militaires anciennes REMARIBR. G. Collingwood and R. P. Wright, The Roman Inscriptions of Britain. Vol. 1. Inscriptions on Stone, Oxford 1965 RICThe Roman Imperial Coinage. Vols. I-X, London 1923-94 RIUDie römischen Inschriften Ungarns, Budapest, 5 vols., Amsterdam 1972-91 RMDM. M. Roxan, Roman Military Diplomas, 1 (1954-77), 2 (1978-84), 3 (1985-93), London 1978, 1985, 1994 R. O. Fink, Roman Military Documents on Papyrus, Cleveland 1971 RMR RPCA. Burnett et al., Roman Provincial Coinage, London 1992-M. H. Crawford, Roman Republican Coinage, Cambridge 1974 RRCF. Preisigke et al., Sammelbuch griechischer Urkunden aus Ägypten, SBStrassburg/Berlin/Leipzig 1913-

SEG Supplementum Epigraphicum Graecum

Sel. Pap.

A. S. Hunt and C. C. Edgar (eds. and trans.), Select Papyri Vol. I:

Non-Literary Papyri Private Affairs, Cambridge, MA: 1932,
repr. 1988; and Vol. II: Official Documents, Cambridge, MA 1934,
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Sylloge W. Dittenberger, Sylloge Inscriptionum Graecarum

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Tab. Vindol. 2 A. K. Bowman and J. D. Thomas, *The Vindolanda Writing Tablets*, London 1994

Tab. Vindol. 3 A. K. Bowman and J. D. Thomas, with contributions by John Pearce, *The Vindolanda Writing Tablets*, London 2003

TAPhS Transactions of the American Philosophical Society

Waddington W. H. Waddington, "Inscriptiones grecques et latines de la Syrie

recueilles et expliquees," Paris 1870

W.Chr. U. Wilcken, Chrestomathie, Leipzig 1912

YCS Yale Classical Studies

ZPE Zeitschrift für Papyrologie und Epigraphik

ZRG Zeitschrift der Savigny-Stiftung für Rechtsgeschichte (Romanistische

Abteilung)

Abbreviations of Works of Classical Literature

Aen. Tact. Aeneas Tacticus

Appian, B. Civ. Bella civilia

Appian, Iber. Iberike

Appian, Mithr. Mithridateius

Appian, Pun. Libyke
Appian, Syr. Syriake

Apuleius, *Met.* Lucius Apuleius, *Metamorpheses* [= The golden ass]
Augustine, *Epist.* Aurelius Augustinus (= St. Augustine), *Epistulae*

Aurelius Victor, Caes. Sextus Aurelius Victor, Caesares

[Caesar], B. Afr. [Trad. ascribed to C. Iulius Caesar], De bello Africano [Caesar], B. Alex. [Trad. ascribed to C. Iulius Caesar], De bello Alexandrino

Caesar, B. Gal. C. Iulius Caesar, De bello Gallico

Caesar, B. Civ. De bello civili

Calpurnius Piso, Ann. L. Calpurnius Piso Frugi, Annales

Cic., Brutus M. Tullius Cicero, Brutus

Cicero, Agr. De lege agraria

Cicero, Att. Epistulae ad Atticum

Cicero, Fin. De finibus bonum et malorum

Cicero, Flacc. Pro Flacco

Cicero, Har. De haruspicum responso

Cicero, Leg. Man. Pro lege Manilia
Cicero, Nat. Deo. De natura deorum

Cicero, Off.

De officiis

Cicero, pro Font.

Pro Fonteio

Cicero, Rep.

De republica

Cicero, Sen.

De senectute

Cicero, Sull. Pro Sulla

Cicero, Tusc. Tusculanae disputationes

Claudianus, B. Get. Claudius Claudianus, Bellum Geticum Claudianus, III Cons. Hon. De tertio consulatu Honorii augusti

Claudianus, In Eutr. In Eutropium

Cod. Just. Codex Iustiniani

Cod. Theod. Codex Theodosiani

Corippus, Laud. Iust. Flavius Cresconius Corippus, In laudem Iustini

De vir. ill. De viri illustribus

Dig. Digesta

Ennius, Ann. Q. Ennius, Annales

Epictetus, Disc. Diatribae

Epiphanius of Salamis,

Adv. haeres. Adversus haereses

Epit. de Caes. Epitome de Caesaribus
Eugippius, Vit. Sev. Vita Sancti Severini
Eusebius, Vit. Const. Vita Constantini

Festus, Brev Breviarium

Frontinus, Strat. Sextus Iulius Frontinus, Strategemata

Fronto, Ad M Caes, M. Cornelius Fronto

A. Gellius, NA Aulus Gellius, Noctes Atticae [Attic nights]

Gregory of Tours, HF Gregorius, Bishop of Tours, Historiae Francorum

HA, Ant. Pius Historia Augusta, Antoninus Pius

HA, Aurel. Aurelianus HA, Avid. Avidius HA, Caracalla
HA, Comm.
Commodus
HA, Gall.
Gallienus
HA, Hadr.
Hadrianus

HA, Marc. Marcus Aurelius

HA, Pert. Pertinax

HA, Sev.
HA, Sev. Alex.
HA, Tyr. Trig.
Septimius Severus
Severus Alexander
Tyranni Triginta

Heliodoros, Aith. Heliodoros, Aethiopica

Hieronymus, Chron. Chronica Hieronymus, Epist. Epistulae

Hilarius, Epist. Epistula ad Eucherium

Johannes Lydos, Mens. De mensibus

Josephus, Ant. Jud. Flavius Josephus, Antiquitates Iudaicae

Josephus, B. Jud. Bellum Judaicum

Lactantius, Mort. Pers. Lucius Caecilius Firmianus, De mortibus persecutorum

Libanius, Orat. Orationes

Livy T. Livius, Ab urbe condita

Livy, Per. Periochae

Mauricius, Strat. Strategikon

Mon. Anc. Monumentum Ancyranum = Res Gestae Divi Augusti

ND Notitia Dignitatum Nov. Iust. Novellae Iustiniani Novellae Val. Novellae Valeriani

Onasander Strategicus

Pan. Lat. Panegyrici Latini

Paulus, Epit. Fest. Paulus Diaconus, Epitoma Festi

Petrus Patricius, Exc. Vat. Petrus Patricius
Philo, Flacc. In Flaccum

Philo, Leg. Legatio ad Gaium

Philostratus, VS Vitae sophistarum

Pliny, *Epist.*C. Plinius Caecilius Secundus, *Epistulae*Pliny, *NH*C. Plinius Secundus, *Naturalis historiae*

Pliny, Pan. [= C. Plinius Caecilius Secundus], Panegyricus

Plutarch, Aem. Plutarchus, Aemilius Paulus

Plutarch, Ant. Antonius

Plutarch, C. Gracc. C. Gracchus

Plutarch, Cam. Camillus

Plutarch, Cato Mai. Cato Maior

i idiaicii, Caio mai. Caio maio

Plutarch, Crass. Crassus

Plutarch, Def. Or. de defectu oraculorum

Plutarch, Galba

Plutarch, Luc.

Plutarch, Marc.

Plutarch, Otho

Otho

Plutarch, Pomp. Pompeius
Plutarch, Pyrrh. Pyrrhus

Plutarch, T. Grace. T. Gracehus
Plutarch, Tim. Timoleon

Porphyr., De Caer. Constantine Porphyrogenitus, De Caeremoniis

Procopius, Aedificia Aedificia
Procopius, Bella Bella

Ps.-Fredegar, Chron. [ascribed to] Fredegar, Chronica

Ps.-Hyginus, Mun. Castr. Ps.-Hyginus [ascribed to Hyginus], De munitionibus

castrorum

Rutilius Namatianus, Red. Rutilius Claudius Namatianus, de reditu

Sallust, Cat. C. Sallustius Crispus, Catilina

Sallust, Jug. Iugurtha

Seneca, Nat. L. Annaeus Seneca, Naturales quaestiones

Socrates, Hist. Eccl. Historia Ecclesiastica

Sozomen, Hist. Eccl. Sozomenos, Historia Ecclesiastica

Stat. Silv. Publius Papinius Statius, Silvae

Suetonius, Aug. C. Suetonius Tranquillus, Augustus

Suetonius, Cal. Caligula
Suetonius, Claud. Claudius
Suetonius, Dom. Domitianus
Suetonius, Jul. Iulius Caesar

Suetonius, Nero Nero

Suetonius, Tib. Tiberius

Symmachus, Epist. Quintus Aurelius Symmachus, Epistulae

Symmachus, Relat. Relationes
Synesius, Regn. De Regno

Tacitus, Agric. Cornelius Tacitus, Agricola

Tacitus, Ann. Annales
Tacitus, Hist. Historia

Tertullianus, Ad nat. Q. Septimius Florens Tertullianus, Ad nationes

Tertullianus, Apol. Apologeticum
Tertullianus, Cor. De Corona
Tertullianus, Idol. De idololatria

Theophanes, Chron. Theophanes Confessor, Chronographia

Ulpian, Edict Domitius Ulpianus, Ad edictum

Varro, L.L. M. Terentius Varro, de lingua Latina

Vegetius, Epit. Flavius Renatus Vegetius, Epitoma rei militaris

Vell. C. Velleius Paterculus

Vergilius, Ecl. P. Vergilius Maro, Eclogae

Vergilius, Georg. Georgica

Victor of Vita Victor of Vita, Historia persecutionis Africanae provinciae

temporum Geiserici et Hunerici regis Vandalorum

Xenophon, Anab. Anabasis
Xenophon, Cyr. Cyropaideia

Zacharias of Mytilene,

Hist. Eccl. Historia Ecclesia

Introduction

Paul Erdkamp

The guiding principle behind this companion to the Roman army is the belief that the Roman army cannot adequately be described only as an instrument of combat, but must be viewed also as an essential component of Roman society, economy, and politics. Of course, the prime purpose of the Roman army was to defeat the enemy in battle. Whether the army succeeded depended not only on its weapons and equipment, but also its training and discipline, and on the experience of its soldiers, all of which combined to allow the most effective deployment of its manpower. Moreover, every army is backed by a more or less developed organization that is needed to mobilize and sustain it. Changes in Roman society significantly affected the Roman army. However, the army was also itself an agent of change, determining in large part developments in politics and government, economy and society. Four themes recur throughout the volume: (1) the army as a fighting force; (2) the mobilization of human and material resources; (3) the relationship between army, politics, and empire; and (4) the relationship between the armies and the civilian population. Even in a sizeable volume such as this choices have had to be made regarding the topics to be discussed, but the focus in this volume on the army in politics, economy, and society reflects the direction of recent research.

Modern authors often claim that ancient Rome was a militaristic society, and that warfare dominated the lives of the Roman people. Interestingly, the first outsider in Rome to paint an extensive picture of Roman society and whose account has largely survived essentially says the same thing. Polybius was in a position to know, since he was brought to Rome as a hostage after the Third Macedonian War (171–168 BC) and was befriended by one of the leading families. The main task he set himself in his *Histories* was to explain Rome's incredible military success during the past decades. To Polybius, the stability of her constitution was one important element, but Rome's military success is explained by two other elements: manpower and ethos. At the eve of the Hannibalic War, Polybius informs us, Rome was able to mobilize 700,000 men in the infantry and 70,000 horsemen. To be sure, Rome never assembled an army

of such size – even in imperial times her soldiers did not number as many as 700,000. But such a number of men was available to take up arms and fight Rome's opponents in Italy or overseas. In other words, almost all male, able-bodied citizens of Rome and her allies could be expected to serve in the army at one point or another. Military service was indeed the main duty of a Roman citizen, and military experience was widespread. The empires that Rome had defeated in the past decades – Carthage, Macedon, the Seleucid Empire – had lost the connection between citizenship and military service, instead relying largely on mercenaries. Polybius was also struck by the military ethos that Roman traditions instilled in the Roman elite and common people alike. Citizens and allies were awarded in front of the entire army for bravery in combat. Decorations were worn on public occasions during the rest of the soldiers' lives. Trophies were hung in the most conspicuous places in their homes.

So when we consider this people's almost obsessive concern with military rewards and punishments, and the immense importance which they attach to both, it is not surprising that they emerge with brilliant success from every war in which they engage. (Polybius 6.39)

At the time that Polybius witnessed Roman society, the army and military ethos played important roles in the lives of almost all male Roman citizens. In that sense, Rome's was a militaristic society.

Although war and the army remained important aspects of the Roman Empire, it would be difficult to characterize Roman society at the time of Augustus (31 BC–14 AD) or Trajan (98–117 AD) as militaristic to the same degree. Just as the term "Roman" applied to ever widening circles, more and more recruits enlisting in the legions came from Spain, Gaul, and other provinces, while the people of the capital city did not serve in the armies anymore. Moreover, military service had become a lifetime profession for a minority of the empire's inhabitants. Recruits signed up to serve for up to 25 years. Many would die while serving in the army, though more of natural causes than due to military action. Many veterans from the legions became prominent members of local society, while those who had served in the auxiliary forces earned Roman citizenship at discharge. However, only a few percent of the empire's population served in the armies or fleets. Large sections of the empire hardly saw Roman armies at all during the next centuries, while many soldiers never saw combat. The army still held an important place in society, mostly so in the border regions where the majority of troops were concentrated, but this role had changed significantly.

Waging war remained the largest task undertaken by the state, and the army was the largest institution that the state created. It certainly was the most expensive, taking up about three quarters of the annual imperial budget. Mobilizing, equipping, and feeding the several hundred thousand men that were stationed between Brittannia's northern border and the Arabian desert was an undertaking that could not be sustained by the market alone, and required the direct intervention of the central and local authorities. On the other hand, the presence of Roman legions and auxiliary forces was the engine that drove crucial developments in the economy and society of the border regions. And it was through the army that many members of local aristocracies were integrated into the Roman Empire.