duplarius and/or the *sesquiplicarii* mentioned in the inscription could theoretically have been specialist *venatores immunes*: see Y. Le Bohec, *The Imperial Roman Army* (London, 1994), 47.

44. Varro, *Ling.* 5.94. *Vestigiatores* were also active in the civilian sphere: see R. Egger, 'Aus römischen Grabinschriften', *Sitzungsbericht der österreichischen Akademie der Wissenschaft* 252.3 (1967), 19–20.

45. Julius Africanus, *Cestes* 14: Marrou (n. 6), 273–4.

46. Egger (n. 44), 20.

47. Davies (n. 7), 280, n. 92.

48. J. Wahl, 'Gladiatorenhelm-Beschläge vom Limes', *Germania* 55 (1977), 128–9.

49. E. Kießling, *Sammelbuch griechischer Urkunden aus Ägypten* 6:2 (Wiesbaden, 1960), n. 9272.

50. Davies (n. 7), 155–6.

51. *IL* 3265.

52. Toynbee (n. 2), 345–6, n. 30. Recent research suggests that game such as bear and boar did not constitute a large part of the average Roman soldier's diet, again suggesting that *vivaria* such as that in Cologne were not primarily connected with the army's food supply: see, for example, M. Junkelmann, *Panis Militaris* (Mainz, 1997), 164–5; J. Peters, *Römische Tierhaltung und Tierzucht* (Rahden, 1998), 288.

53. C. M. Ternes, *Römisches Deutschland* (Stuttgart, 1986), 235.

54. Wahl (n. 48), 129. Another inscription from the Antonine period [*AE* (1973), 39] records a centurion who '. . . *habuit uiuar[ium et curam?] supra iumenta [Caesaris]*'.

55. Davies (n. 7), 286, n. 43.

56. N. C. W. Bateman, 'The London Amphitheatre: Excavations 1987–1996', *Britannia* 28 (1997), 75.

57. G. Jennison, *Animals for Show and Pleasure in Ancient Rome* (Manchester, 1937), 141.

58. *Passio Perpetuae* 7.9: *MGH: Chronica Minora* 1.434, n. 757: D. L. Bomgardner, 'The Carthage Amphitheatre: A Reappraisal', *AJA* 93 (1989), 89, n. 21.

59. Sozom. *Hist. Eccl.* 4.16.6.

NOTES ON CONTRIBUTORS

P. J. RHODES: Professor of Ancient History at Durham University.

CLAIRE TAYLOR: postgraduate student, Trinity Hall, Cambridge.

JUDITH TACON: after finishing an M.Phil. course in Cambridge is now working as an accountant in London.

FRISBEE C. C. SHEFFIELD: (till October) postdoctoral research fellow at Bristol University; (from October) research fellow, Girton College, Cambridge.

CHRISTOPHER EPPLETT: teaches Greek and Roman history in the Department of History at the University of Lethbridge.

https://doi.org/10.1093/gr/48.2.222 Published online by Cambridge University Press