Bosporus, an important supplier of grain, should be under the control of a ruler loyal to the Romans. One of the most enduring of such figures was Aspurgus, whose authority was first acknowledged by Augustus. He married a lady of the Bosporan nobility, Gepaipyris, by whom he had a son Mithridates, and apparently survived until at least the first year of Gaius' reign, since his last coins bear that emperor's head.9 The numismatic evidence indicates that under Gaius the old regime of the Bosporus continued. Coins minted throughout his reign (37–41) suggest that at first Mithridates and his mother ruled the Bosporus conjointly, with the son becoming sole ruler in 39/40. Gold coins of Mithridates bearing the Bosporan dates of A.D. 39/40 and 41/42 show the head of the emperor on one side and the legend of Mithridates on the other. 10 This reconstruction of events seems on the surface to be contradicted by Dio, who asserts that on his accession Claudius granted the Bosporus to Mithridates, and gave Polemo (II) part of Cilicia in exchange. Now Pontus and the Bosporus had been closely linked since the time of Mithridates, and Polemo's grandfather, Polemo I had for a brief time ruled the two kingdoms together. It seems more than likely that when Dio read in his sources of what was, in fact, a pro forma reappointment of Mithridates in his kingdom he misunderstood the situation, just as he misunderstood the reappointment of Antiochus, and took the reference to be to an initial grant. In the apparent absence of a Bosporan ruler in the immediately preceding period Dio probably assumed that the territory had been ruled jointly with Pontus. Of course Polemo II may well have had legitimate expectations of a Bosporan award, in which case the grant of land in Cilicia could have represented a form of compensation for his disappointment.¹¹ The line of Gepaipyris and Aspurgus continued as loyal client-kings of Rome in the Bosporus for several generations, although Mithridates himself was betrayed by a brother Cotys in 45/46 and was taken to Rome where, it seems, he was eventually executed by Galba.¹²

There are thus clear indications that when on Claudius' accession, the *acta* of Gaius were rescinded by the senate, the client-kings he had appointed found themselves in a sort of constitutional limbo, and that Claudius moved quickly to make their situation regular, a procedure that caused confusion in Josephus and Dio. This provides further illustration that while at this period the client kings depended mainly on their personal relationship with the emperor their position was, all the same, a legal and formal one, confirmed by appropriate legal and constitutional procedures.¹³

University of British Columbia

ANTHONY A. BARRETT

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<sup>9</sup> BMC Pontus etc., 50; E. H. Minns, Scythians and Greeks (Cambridge, 1913), p. 611.
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RINGING WELKINS

(i) 720 Paeans

The paradoxographer Apollonius (*Mirab*. 40, p. 53 Keller) preserves the memory of a singular occurrence which Aristoxenus (fr. 117 Wehrli) had recorded as having happened in southern Italy in his own time. A strange insanity afflicted women. They would suddenly leap up in the middle of dinner, hearing the call of a voice, and rush out into the country. $\mu a \nu \tau \epsilon \nu o \mu \epsilon \nu o i s$ $\delta \epsilon \tau o i s$ $\delta \kappa o i s$ δ

¹⁰ Minns, 597, Plate VII.10; BMC Pontus etc., 51.5.

¹¹ Dio 59.8.2; see A. Barrett, 'Gaius' Policy in the Bosporus', TAPA 107 (1977), 1-9.

¹² Plut. Galba 13.15.

¹³ On this general question, see Fergus Millar, 'Emperors, Frontiers and Foreign Relations, 31 B.C. to A.D. 378', *Britannia* 13 (1982), 4–5, D. Braund, *Rome and the Friendly King* (London, 1984), p. 26.

ἀπαλλαγής τοῦ πάθους εἰπεῖν τὸν θεόν, παιᾶνας ἄιδειν ἐαρινοὺς †δωδεκατης† ἡμέρας ξ΄.

C. Müller, followed by Keller, deleted what appeared to be an unwanted ordinal numeral, 'twelfth'. But why should this figure have intruded? Surely we must read $\delta \omega \delta \epsilon \kappa \alpha \tau \hat{\eta} s \dot{\eta} \mu \epsilon \rho \alpha s \langle \epsilon \pi i \dot{\eta} \mu \epsilon \rho \alpha s \rangle \xi'$, 'twelve a day for sixty days'. For prolonged paean-singing to achieve purification we recall *II*. 1.472,

οἳ δὲ <u>πανημέριοι</u> μολπῆι θεὸν ἱλάσκοντο καλὸν ἀείδοντες παιήονα κοῦροι ᾿Αχαιῶν.

When it comes to a dozen a day for two months, we may fairly comment that Apollo's demands have escalated. The text concludes, as well it may, $\delta\theta\epsilon\nu$ $\pi o\lambda\lambda o\dot{\nu}s$ $\gamma\epsilon\nu\dot{\epsilon}\sigma\theta\alpha\iota$ $\pi a\iota\alpha\nu o\gamma\rho\dot{\alpha}\phio\nu s$ $\dot{\epsilon}\nu$ $\tau \eta\iota$ $I\tau\alpha\lambda\dot{\epsilon}\alpha\iota$.

(ii) Ethiopian war signals

Heliod. 9.17.1 ἀρθέντων δὲ ἐκατέρωθεν τῶν σημείων, καὶ τοῦ μὲν Περσικοῦ διὰ σαλπίγγων, †βόμβοις† δὲ καὶ τυμπάνοις τῶν Αἰθιόπων τὴν μάχην ἐπισημαινόντων, κτλ.

For the unsuitable $\beta \delta \mu \beta o i s$ one of the later manuscripts, M, gives $\dot{\rho} \delta \pi \tau \rho o i s$, which would mean cymbals or metal clappers. This is at least imaginable, and Plutarch, Crassus 23.9, says of the Parthians that οὐ κέρασιν οὐδὲ σάλπιγξιν ἐποτρύνουσιν ἑαυτοὺς εἰς μάχην ἀλλὰ ῥόπτρα βυρσοπαγῆ καὶ κοίλα περιτείναντες ἢχείοις χαλκοῖς ἄμα πολλαχόθεν ἐπιδουποῦσι, τὰ δὲ φθέγγεται βύθιόν τι καὶ δεινόν, ἀρυγῆι θηριώδει καὶ τραχύτητι βροντῆς μεμιγμένον. However, ῥόπτρα used without such resonators would be very different in effect, and the parallel may be only superficial. βόμβοις must be taken as the paradosis.

Most editors adopt Amyot's $\dot{\rho}\dot{\rho}\mu\betao\iota s$, 'bull-roarers'. (There is no basis for the alternative meaning 'tambourine' or 'kettle-drum' given by LSJ s.v., I.3.) Again, this is imaginable. $\dot{\rho}\dot{\rho}\mu\betao\iota$ and $\tau\dot{\nu}\mu\pi\alpha\nu\alpha$ are associated in Bacchic cult.¹ But it is precisely in cult and magic that the bull-roarer normally plays its part,² and I have not come across a parallel for its use in battle. In any case, while it might be used to frighten the enemy, it would not be well suited for giving signals.

I think it likelier that Heliodorus wrote $\sigma \tau \rho \acute{o} \mu \beta o \iota \varsigma$, 'conchs'. Lycophron 250 speaks of Ares

στρόμβωι τὸν αίματηρὸν έξάρχων νόμον,

and his scholiast and Tzetzes explain that the ancients used the conch in battle before the (Etruscan) invention of the $\sigma\acute{a}\lambda\pi\iota\gamma$ ξ. (Cf. sch. Nic. Al. 393.) The most telling parallel, however, is Sext. Emp. adv. Musicos 24, εἴ γε καὶ στρόμβοις τινὲς τῶν βαρβάρων βουκινίζουσι καὶ τυμπάνοις κτυποῦντες πολεμοῦσιν. The Taurian cowherds in Eur. I. T. 303 use κόχλοι to summon reinforcements for battle, and κόχλοι do not seem to be distinguishable from $\sigma\tau\rho\acute{o}\mu\beta$ οι (see Gow on Theoc. 9.25). Shell-trumpets are used in battle by Indian epic heroes.³ Thracians used animal horns for military signals (Xen. Anab. 7.3.32).

M's $\dot{\rho}\dot{o}\pi\tau\rho$ ois, if not a mere conjecture, might possibly go back to $\sigma\tau\rho$ $\rho o\mu\beta$ ois.

Royal Holloway and Bedford New College, London

M. L. WEST

¹ Diog. Ath. TrGF 45 F 1, A.R. 1.1139, Phalaecus, A.P. 6.165; cf. Aesch. fr. 57, Pind. fr. 70b.9, Phot. s.v. ῥόμβος.

² See my *The Orphic Poems* (1983), p. 157 with nn. 59 and 60 and literature there cited.

³ cf M Monier-Williams Sanskrit-English Dictionary (1899), p. 1047 s.y. Śankhá: C. Sac

³ cf. M. Monier-Williams, Sanskrit-English Dictionary (1899), p. 1047 s.v. Śankhá; C. Sachs, The History of Musical Instruments (1940), p. 152.