

APPENDIX 1

DOCUMENTARY REFERENCES

The numerical listing below has been added to provide access to the entries by their DR Number. It is sorted as text. These are all also listed on my web site <http://www.hornandtrumpet.com>

DR Number References

- DR1 TUSHRATTA 1380BC
- DR2 EUSTATHIUS (i)
- DR3 Hesychius
- DR4 EUSTATHIUS (ii)
- DR5 Gilgamesh c. 1950BC
- DR6 Ur-Lama 2275 BC
- DR7 Bur-Sin 2200BC
- DR8 M. Tullius Cicero (1) ob. BC 43
- DR9 Diodorus Siculus BC 40
- DR10 ENNIUS (i) Poet Ob. BC 169
- DR11 HORATIUS FLACCUS (i) Poet Ob BC 8
- DR12 JUNIUS JUVENALIS poet Ob. AD 130
- DR13 LIVIUS (i) Historian ob. AD 17
- DR13 PLINIUS Ob. AD 79 (Oops!)
- DR14 LUCANUS (i) Poet ob. AD 65
- DR15 OVIDIUS (i) Poet ob. AD17
- DR16 Biblical II CHR. V
- DR17 POLYBIUS (i)
- DR18 SENECA (i) Philosopher and tragedian Ob AD65.

DR19 Vegetius (i) Writer. fl. AD 386
DR20 C. VALERIUS FLACCUS
DR21 Vegetius (ii)
DR22 Vegetius (iii)
DR23 Vegetius (iv)
DR24 Varro (i) ob. BC 27
DR25 Varro (ii)
DR26 Varro (iii)
DR27 Vergilius (ii)
DR28 Ovidius (ii)
DR29 Appuleius (i) Lucius Appuleius, philosopher Fl. AD 160
DR30 Silius Italicus (i) Poet Ob. AD 101
DR31 Claudius Claudianus (i) poet AD 400
DR33 Ammianus Marcellinus (i) historian ob. AD400
DR34 Ammianus Marcellinus (ii)
DR35 Ammianus Marcellinus (iii)
DR36 Ammianus V (iv)
DR37 Sshol. Hor Poet Ob. BC 8
DR38 VERGILIUS (i) Poet Ob. BC 19
DR39 OVIDIUS (iii)
DR40 M.TULLIUS CICERO (ii)
DR41 VOPISCUS Historian AD 305
DR42 Statius Poet Ob. AD 96
DR43 Florus Historian fl. AD 140
DR44 Ammianus Marcellinus (v)
DR45 Tacitus (i) Historian Ob. AD 119
DR46 Livius (ii)
DR47 Quintilianus, Rhetorician Ob. AD 95
DR48 Plutarch (i) c. 50 AD
DR49 Appian
DR50 Vergilius (iii)
DR51 Horatius Flaccus (ii)
DR52 Festus Grammarian fl. AD 150?
DR53 Hieronymus, Christian writer Ob. AD 420
DR54 Vegetius (v)
DR55 Decimianus

DR56 Rufinus
DR57 Athen
DR58 Seneca (ii)
DR59 Horatius Flaccus (iii)
DR60 Ovidius (iv)
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DR62 Sophokles (i)
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DR66 Euripedes (i)
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DR70 Euripedes (v)
DR71 Homer
DR72 Bacchylides
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DR75 Biblical I Chr. XV
DR76 Biblical II Chr. XV
DR78 Biblical Hos. V
DR79 Biblical Hos. VIII
DR80 Biblical Jos VI
DR81 Biblical Ex XIX
DR82 Biblical Nu X
DR83 Biblical EZ. VII
DR84 Biblical DAN III
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DR87 Herennium
DR88 Vergilius (iv)
DR89 M.Tullius Cicero (iii)
DR90 M. Tullius Cicero (iv)
DR91 Vergilius (v)
DR92 Plautus Writer of comedy ob. BC 184

DR93 Pollux (i)
DR94 Aristides Quintilianus
DR95 Acro
DR96 Polybius (ii)
DR97 Lucanus (ii)
DR98 Biblical Jer. VI
DR99 Horatius Flaccus (iv)
DR100 JOSEPHUS (i) Jewish historian 37-100 AD
DR101 PLUTARCH (iv)
DR102 MISHNAH (i)
DR103 MISHNAH (ii)
DR104 BIBLICAL 1 CHR V
DR106 LIVIUS (iv)
DR108 CAIUS JULIUS CAESAR (i) Historian ob.BC 44
DR109 CAIUS JULIUS CAESAR (ii)
DR110 APPULEIUS (ii)
DR111 CAIUS JULIUS CAESAR (iii)
DR112 AMMIANUS MARCELLINUS (vi)
DR113 L.CAELIUS LACTANTIUS FIRMIANUS Christian writer ob.AD 325
DR114 PLUT (i)
DR115 DIO CASS
DR116 CAIUS JULIUS CAESAR (iv)
DR117 LIVIUS (v)
DR118 LIVIUS (v1)
DR119 PROPERTIUS (i) Poet ob. BC 16
DR120 OVIDIUS (v)
DR121 DEAD SEA WAR SCROLL
DR122 TALMUD SHABBAT
DR123 TALMUD SUKKOTH
DR124 TALMUD ROSH HA-SHANAH (i)
DR125 MISHNAH (iii)
DR126 TALMUD ARAKIN
DR127 TALMUD ROSH HA-SHANAH (ii)
DR128 MISHNAH (iv)
DR129 BIBLICAL LEV XXV
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DR146 JOSEPHUS (ii)
DR146 'SILIUS ITALICUS (ii)
DR147 SILIUS ITALICUS (iii)
DR148 HYGINUS poet and fabulist
DR150 AESCHYLUS (ii)
DR151 Biblical II SAM VI
DR152 Biblical II SAM XVIII
DR153 Biblical II SAM II
DR154 Biblical II SAM XX
DR155 Biblical II KINGS IX
DR156 Biblical AMOS III, 6
DR157 Biblical I SAM XIII
DR158 Biblical I KINGS 1
DR159 Biblical JER IV
DR160 Biblical JER. LI
DR161 Biblical JOEL II
DR162 Biblical PS. CL
DR163 Biblical PS. XL VII
DR164 Biblical NEH XII

DR165 Biblical PS LXXXI
DR166 Biblical II SAM XV
DR167 Biblical JER. XLII
DR168 Biblical AMOS 11, 2
DR169 Biblical II KINGS 11
DR170 Biblical II CHR. XXIII
DR172 Biblical I CHR XIII
DR173 Biblical I CHR. XVI
DR173 Biblical II CHR. XX
DR174 Biblical II CHR. XXIX
DR175 Propertius (iii)
DR176 Biblical GEN IV
DR177 JEROME 340-420 AD
DR178 HOSY 1298-1232 BC
DR179 PERPETSCHAU 1200-1085 BC
DR180 RABBINIC SCRIBES
DR181 CAIUS JULIUS CAESAR (v)
DR182 POLLUX (ii)
DR183 VARRO (iv)
DR184 TACITUS (vi)
DR185 IULIUS VICTOR
DR186 Biblical I CHR. XV
DR198 (105) PETRONIUS ARBITER Satirist Fl. AD 60

ACRO

DR95

Instrument Cited: Lituus Tuba

Citation: "Litui acutus sonus est, tubae gravis. In antiquis scriptis lituus equitum est et incurvus, tuba vera peditum est et directa".

Commentary on Horatius Flaccuo.

Cited O. Keller. Pseudacronis, Scholia in 1 Horatium Vetustiora I, Leipzig 1902, p 18.

AESCHYLUS (i)

DR64

Instrument Cited: Salpinx

Citation: Pers.395

Aeschylus, in his immortal picture of the nation's victory at Salamis is careful to note that the "trumpet" inflamed the ardour of "the other side".

Cited Verrall(1884) p 80.

AESCHYLUS (ii)

DR150

Instrument Cited: Etruscan Tuba

Citation: Eumeniden.

Aeschylus writes of the sound of the Tuba.

Cited in Tarr (1977) pp. 15/16.

AMMIANUS MARCELLINUS (i) historian ob. AD400

DR33

Instrument Cited: Lituus

Citation: 31, 7, 10

"Candente itaque protinus die, signo ad arma capienda ex utraque parte per lituos dato".

Cited in Wille (1967) p 90 208

AMMIANUS MARCELLINUS (ii)

DR34

Instrument Cited: Lituus

Citation: "Extracta quiete nocturna itinerarium sonare lituos iubet". _

Cited in Wille (1967) p 91 209

AMMIANUS MARCELLINUS (iii)

DR35

Instrument Cited: Lituus, Tuba

Citation: 19, 6, 9. Refers to use of tubicines to sound the retreat.

(19, 6, 10 "et resultantibus e civitate Lituis multis portae panduntur recepturae nostros".

Cited in Wille (1967) p 91 211

AMMIANUS MARCELLINUS (iv)

DR36

Instrument Cited: Lituus

Citation: 19, 11, 15. "postque deletos omnes in receptum canentibus lituis nostri quoque licet rari vedebantur examines".

Cited in Wille (1967) p 91 211

AMMIANUS MARCELLINUS (v)

DR44

Instrument Cited: Lituus

Citation: 14, 2, 16. "viso itaque exercitu procul auditoque liticinum cantu, represso gradu parumper stetera praedones".

Cited in Wille (1967) p 92 ‘

AMMIANUS MARCELLINUS (vi)

DR112

Instrument Cited: Tuba

Citation: Amm 20, 11, 8. Refers to use of tubicines to sound the attack.

Cited in Fleischhauer (1960) p 502

AMMIANUS MARCELLINUS (vii)

DR144

Instrument Cited: Bucina, Cornu, Tuba

Citation: 27, 2, 6. In the battle the bucina, cornua and tubae play together.

Cited in Fleischhauer (1960) p 504

AMMIANUS MARCELLINUS (viii)

DR145

Instrument Cited: Bucina, Cornu, Tuba.

Citation: 31, 15, 13.

Refers to bucina, tubae and cornua playing together.

Cited in Fleischhauer (1960) p 504

ANTONIUS IANUARIUS

DR61

Instrument Cited: Cornu

Citation: Gravestone

"Cornicen M. Antonius Ianuarius D (is) M (anibus)."

Cited in Fleischhauer (1960) p 502

APP

DR136

Instrument Cited: Tuba

Citation: App. bell. civ. I, 105

Refers to use of tubicines in the funeral.

Cited in Fleischhauer (1960) p 502

APPIAN

DR49

Instrument Cited: Trumpet

Citation: Pun. 66.

Trumpeters were a regular feature of the triumphal procession.

Cited in Ryberg (1955) p 21

APPULEIUS (i) Lucius Appuleius, philosopher Fl. AD 160

DR29

Instrument Cited: CONCHA, Bucina

Citation: Metamorphoses 4, 31.

"adsunt Nerei filiae chorum canentes...iam passim maria persultantes Tritonum catervae hic concha sonaci leniter bucina..."

Cited Fleischhauer (1960) p 504.

APPULEIUS (ii)

DR110

Instrument Cited: Tuba

Citation: De Mundo 30, 357.

Refers to tubicines giving alarm to Legionaries.

Cited in Fleischhauer (1960) p 502.

APPULEIUS (iii)

DR133

Instrument Cited: Tuba

Citation: Pun. 66

Refers to tubicines in the triumphal procession. (Probable overlap with Appian DR 49)

Cited in Fleischhauer (1960) p 502

ARISTIDES QUINTILIANUS

DR94

Instrument Cited: Trumpet

Citation: De Musica II 6.

States that the trumpet had a different melos for each contingency.

Cited in Baines (1976) p 63.

ARIST

DR63

Instrument Cited: Salpinx

Citation: Ach.1001 "and it is significant that though the Euripides of the Frogs does not, of course, make the blunder of separating from "the familiar things we use" the instrument whose note invited the families of Athens to the dearest feast of the year and whose solemn and "Chlhonian" sound preceded the reverend meeting of the Areopagos.

Cited Verrall(1884) p 80

ATHEN

DR57

Instrument Cited: Keras, Salpinx

Citation: Alhen IV, 184A

Assigns the invention of the salpinges and the keratae to the Tyrrhenians or Etruscans.

Cited in Fleischhauer (1960) p 501.

BACCHYLIDES

DR72

Instrument Cited: War Trumpet (Salpinx)

Citation: Paean 9

Among the earliest references to the war trumpet must be Bacchylides, Paean 9.

Cited in Verrall (1884) p 81. Behn dates this as beginning of 5th century BC. Behn (1954) p 81.

BIBLICAL AMOS III, 6

DR156

Instrument Cited: Trumpet

Citation: Amos III, 6

"Shall a trumpet be blown in the city, and the people not be afraid? Shall there be evil in a city, and the LORD hath not done it?"

BIBLICAL AMOS 11, 2

DR168

Instrument Cited: Trumpet

Citation: Amos 11, 2.

— "... and Moab shall die with tumult, with shouting and with the sound of the trumpet."

BIBLICAL 1 CHR V

DR104

Instrument Cited: Chatzotzerah

Citation: I Chronicles V, 13. A

Tells the trumpeters (Chatzozerah) and singer as one to make one sound". Probably ties with instruction in DR103 Mishnar Tamid.

BIBLICAL I CHR XIII

DR172

Instrument Cited: Chatzotzerah

Citation: I Chronicles XIV, 8.

"And David and all Israel played before God with all their might, and with singing, and with harps, and with psalteries, and with timbrels, and with cymbals and with trumpets."

BIBLICAL I CHR. XV

DR75

Instrument Cited: Shofar

Citation: I Chonicles XV, 28

"Thus all Israel brought up the ark of the covenant of the Lord with shouting, and with sound of the cornet and with trumpets and with cymbals, making a noise with psalteries and harps".

BIBLICAL I CHR. XV

DR186

Instrument Cited: Chatzotzerah

Citation: I. Chronicles XV, 24.

".....the priests, did blow with the trumpets before the ark of God."

BIBLICAL I CHR. XVI

DR173

Instrument Cited: Chatzotzerah

Citation: I. Chronicles XVI, 6,

"... Benaiah also and Jahaziel the priests with trumpets continually before the ark of the covenant of God·".

BIBLICAL II CHR. V

DR16

Instrument Cited: Chatzotzerah

Citation: II Chronicles V, 12, 13,

12 "Also the Levites which were the singers.and with them an hundred and twenty priests sounding with trumpets.

13. "It came even to pass, as the trumpeters and singers were as one"

BIBLICAL II CHR. XV

DR76

Instrument Cited: Shofar, Chatzotzerah

Citation: II Chronicles XV, 1M.

"And they swore unto the Lord with a loud voice and with shouting, and with trumpets and with cornets. "

BIBLICAL II CHR. XX

DR173

Instrument Cited: Chatzotzerah

Citation: II Chronicles XX, 28.

"And they came to Jerusalem with psalteries and harps and trumpets unto the house of the Lord."

BIBLICAL II CHR. XXIII

DR170

Instrument Cited: Chatzotzerah ‘

Citation: II Chronicles XXIII, 13.

"And she looked, and, behold, the king stood at his pillar at the entering in, and the princes and the trumpets by the king "

BIBLICAL II CHR. XXIX

DR174

Instrument Cited: Chatzotzerah

Citation: II Chronicles XXIX, 26

"And the Levites stood with the instruments of David, and the priests with the trumpets."

BIBLICAL DAN III

DR84

Instrument Cited: Karna

Citation: Daniel III, 5

"Ye hear the sound of the cornet, flute, harp, sackbut, psaltery, dulcimer, and all kinds of musick, ye fall down and worship the golden image that Nebuchadnezzar the king hath set up".

Similar phrase in verses 7, 10 and 15.

See Wulstan (1973) p 45 for detailed commentary on original text.

BIBLICAL EX XIX

DR81

Instrument Cited: Yovel

Citation: Exodus XIX, 13.

"There shall not be an hand touch it, but he shall surely be stoned, or shot through; whether it be beast or man, it shall not live: when the trumpet soundeth long, they shall come up to the mount."

(Also refs in 16, 19).

Commentary in Wulstan (1973) p 31.

BIBLICAL EZ. VII

DR83

Instrument Cited: TAQOA

Citation: Ezekiel VII, 14

"They have blown the trumpet, even to make all ready; but none goeth to the battle: for my wrath is upon the multitude thereof."

BIBLICAL GEN IV

DR176

Instrument Cited: None General Reference to Musician

Citation: Genesis IV, 20-22 o I

20. "And Adah bore Jabel: he was the father of such as dwell in tents and of such as have cattle.

21. And his brother's name was Jubal: he was the father of all such as handle the harp and the organ.

22. And Zillah, she also bore Tubal-cain, an instructor of every artificer in brass and iron: and the sister of Tubal—cain was Naamah."

Cited in Sendrey, 1969, 60

BIBLICAL HOS. V

DR78

Instrument Cited: Shofar, Chatzotzerah

Citation: Hosea V, 8

"Blow ye the cornet in Bibeah and the trumpet in Ramah; cry aloud at Beth-aven, after thee, O Benjamin."

Commentary on text in Wulstan (1973) p.31

BIBLICAL HOS. VIII

DR79

Instrument Cited: Shofar

Citation: Hosea IX, 1

"Set the trumpet to thy mouth. ‘

He shall come as an eagle against the house of the Lord because they have transgressed my covenant, and trespassed against my law."

BIBLICAL JER IV

DR159

Instrument Cited: Shofar

Citation: Jeremiah IV, 5, 19, 21

"Declare ye in Judah, and publish in Jerusalem; and say, Blow ye the trumpet · in the land:.."

19. "...I cannot hold my peace, because thou hast heard, O my soul, the sound of the trumpet, the alarm of war."

21. "How long shall I see the standard, and hear the sound of the trumpet".

BIBLICAL JER. VI

DR98

Instrument Cited: Shofar

Citation: Jeremiah VI, 1

"Oh ye children of Benjamin, gather yourselves to flee out of the midst of Jerusalem, and blow the trumpet in Tekoa, and set up a sign of fire in Beth-haccerem:..."

BIBLICAL JER. XLII

DR167

Instrument Cited: Shofar

Citation: Jeremiah XLII, 14

"Saying, No: but we will go into the land of Egypt, where we shall see no war, nor hear the sound of the trumpet "

BIBLICAL JER. LI

DR160

Instrument Cited: Shofar

Citation: Jeremiah L1, 27

"Set ye up a standard in the land, blow the trumpet among the nations."

BIBLICAL JOEL II

DR161

Instrument Cited: Shofar

Citation: .JOEL II, 1, 15

1. "Blow ye the trumpet in Zion, and sound an alarm in my holy mountain.

15. Blow the trumpet in Zion, sanctify a fast, call a solemn assembly."

BIBLICAL JOS VI

DR80

Instrument Cited: Qeren Hayyovel

Citation: Joshua VI, 4, 5

"And seven priests shall bear before the ark, seven trumpets of rams horns: and the seventh day ye shall compass the city seven times and the priests shall blow with the trumpets."

5. And it shall come to pass, that when they make a long blast with the rams horn, and when ye hear the sound of the trumpet, all the people shall shout

Similar references in verses, 6, 8, 9, 13, 16 and 20.

See Wulstan (1973) p 30 for commentary on this.

BIBLICAL I KINGS 1

DR158

Instrument Cited: Trumpet

Citation: I Kings 1, 34, 39, 41

34 "And let Zadok the priest and Nathan the the prophet anoint him there king over Israel: and blow ye with the trumpet, and say, God save King Solomon.

39. And they all blew the trumpet; and all the people

41. And when Joab heard the sound of the trumpet, he said, wherefore is this noise of the city being in an uproar."

BIBLICAL II KINGS IX

DR155

Instrument Cited: Trumpet

Citation: II Kings IX, 13.

"Then they hasted, and took every man his garment, and put it under him on the top of the stairs and blew with trumpets, saying Jehu is king."

BIBLICAL II KINGS 11

DR169

Instrument Cited: Chatzotzerah

Citation: II Kings XI, 14

"And when she looked, behold, the king stood by a pillar, as the manner was, and the princes and the trumpeters by the king, and all the people of the land rejoiced, and blew with trumpets: "

BIBLICAL LEV XXV

DR129

Instrument Cited: Shofar

Citation: Leviticus XXV, 9

"Then shalt thou cause the trumpet of the jubilee to sound on the tenth day of the seventh month, in the day of atonement shall ye make the trumpet sound throughout all your land."

BIBLICAL NEH XII

DR164

Instrument Cited: Chatzotzerah (35) Shofar 41

Citation: Nehemiah XII, 35, 41

35. "And certain of the priests' sons with trumpets

41. And the priests: Eliakim with trumpets."

BIBLICAL NU X

DR82

Instrument Cited: Chatzotzerah

Citation: Numbers X, 1-10

"And the Lord spake unto Moses saying

2. Make thee two trumpets of silver; of a whole piece shalt thou make them; that thou mayest use them for the calling of the assembly, and for the journeying of the camps.

3. And when they shall blow with them, all the assembly shall assemble themselves to thee at the door of the tabernacle of the congregation.

4. And if they blow but with one trumpet, then the princes, which are heads of the thousands of Israel, shall gather themselves unto thee.

5. When ye blow an alarm, then the camps that lie on the east parts shall go forward.

6. When ye blow an alarm the second time, then the camps that lie on the south side shall take their journey: they shall blow an alarm for their journeys.

7. But when the congregation is to be gathered together, ye shall blow but ye shall not sound an alarm.

8. And the sons of Aaron, the priests shall blow with the trumpets; and they shall be to you for an ordinance for ever throughout your generations.

9. And if ye go to war in your land against the enemy that oppresseth you, then ye shall blow an alarm with the trumpets; and ye shall be remembered before the lord your god, and ye shall be saved from your enemies.

10. Also in the day of your gladness and in your solemn days, and in the beginnings of your months, ye shall blow with the trumpets over your burnt offerings, and over the sacrifices of your peace offerings; that they may be to you for a memorial before your God:

I am the Lord your God."

BIBLICAL PS. XL VII

DR163

Instrument Cited: Trumpet

Citation: Psalm XL VII, 5

"God is gone up with a shout, the Lord with the sound of a trumpet."

BIBLICAL PS LXXXI

DR165

Instrument Cited: Trumpet

Citation: Psalm LXXXI, 3

"Blow up the trumpet in the new moon, in the time appointed, on our solemn feast day."

BIBLICAL PS. CL

DR162

Instrument Cited: Trumpet

Citation: Psalm CL, 3.

"Praise him with the sound of the trumpet: praise him with the psaltery and harp."

BIBLICAL I SAM XIII

DR157

Instrument Cited: Trumpet

Citation: I Samuel XII, 3

"And Saul blew the trumpet throughout all the land, saying, Let the Hebrews hear."

BIBLICAL II SAM II

DR153

Instrument Cited: Trumpet

Citation: II Samuel II, 28.

"So Joab blew a trumpet, and all the people stood still, and pursued after Israel no more, neither fought they any more."

BIBLICAL II SAM VI

DR151

304

Instrument Cited: Trumpet

Citation: II Samuel VI, 15.

"So David and all the house of Israel brought up the ark of the LORD with shouting and with the sound of the trumpet."

BIBLICAL II SAM XV

DR166

Instrument Cited: Trumpet

Citation: II Samuel XV, 10.

"But Absalom sent spies throughout all the tribes of Israel, saying, As soon as ye hear the sound of the trumpet, then ye shall say, ·Absalom reigneth in Hebron. " _

BIBLICAL II SAM XVIII

DR152

Instrument Cited: Trumpet

Citation: II Samuel XVIII, 16.

"And Joab blew the trumpet, and the people returned from pursuing after Israel: for Joab held back the people."

BIBLICAL II SAM XX

DR154

Instrument Cited: Trumpet

Citation: II Samuel XX, 1, 22

1. ".. the son of Bichri, a Benjamite: and he blew a trumpet and said

22. Then the woman went unto all the people in her wisdom. And they cut off the head of Sheba the son of Bichri, and cast it out to Joab. And he blew a trumpet, and they retired from the city, every man to his tent."

BUR-SIN 2200BC

DR7

Instrument Cited: SIM-DU SIM-DA

Citation: Mention of the SIM with the copper determinative before the name also included in an inventory of copper articles in temple receipts for Ningirsu patron deity of Lagash.

Cited in Galpin (Sumerians), 1937, 23

L.CAELIUS LACTANTIUS FIRMIANUS Christian writer ob.AD 325

DR113

Instrument Cited: Tuba

305

Citation: De Mortibus Persecutorum 47,1.

Refers to use of tubicines to sound the attack.

Cited in Fleischhauer (1960), p 502

CAIUS JULIUS CAESAR (i) Historian ob.BC 44

DR108

Instrument Cited: Tuba

Citation: Bellum Gallicum 7, 81, 3

Refers to tubicines giving alarm to Legionaires.

Cited in Fleischhauer (1960) p 502.

CAIUS JULIUS CAESAR (ii)

DR109

Instrument Cited: Tuba

Citation: Bellum Gallicum 2, 20, 1

"Caesari omnia uno tempore erant agenda: vexillum proponendum, quod erat insigne cum ad arma concurrere oporteret, signum tuba dandum, ab opere revocandi milites, qui paulo longius aggeris petendi causa processerant arcessendi, acies instruenda milites cohortandi, signum dandum."

Cited in Fleischhauer (1960), p 502

CAIUS JULIUS CAESAR (iii)

DR111

Instrument Cited: Tuba

Citation: Bellum Civile 3, 46,4

Refers to use of Tuba in the attack.

Cited in Fleischhauer (1960) p 502

CAIUS JULIUS CAESAR (iv)

DR116

Instrument Cited: Tuba

Citation: Bellum Gallicum 7, 47, 1-2

Refers to use of tubicines to sound the retreat.

Cited in Fleischhauer (1960), p 502

CAIUS JULIUS CAESAR (v)

DR181

Instrument Cited: Trumpets

Citation: Bellum Civile? 111, 92

Refers to use of trumpets for tactical purposes and to frighten the enemy.

Cited in Yadin (1962), p 113.

M. TULLIUS CICERO (i) ob. BC 43

DR8

Instrument Cited: Lituus

Citation: Div. I, 17, 30

"An example of Cicero's antiquarian interests is his etymology of Lituus, the staff marking the augural office. This wand, which was crooked and at the top slightly curved, took its name from its likeness to the trumpet lituus with which was sounded the charge to battle.

M.TULLIUS CICERO (ii)

DR40

Instrument Cited: Cornu, Lituus

Citation: De Re Publica 2, 22, 40

"quin etiam accensis velatis liticinibus, cornicinibus, proletariis. "

Cited in Wille (1967) p.91 219 also Behn (1912) p 46

M.TULLIUS CICERO (iii)

DR89

Instrument Cited: Cornu, Tuba

Citation: Oratio pro Sulla. 5, 17

"ille arma misit, cornua, tubas, falces."

Cited in Lewis and Short 1945, "tuba"

M. TULLIUS CICERO (iv)

DR90

Instrument Cited: Tuba

Citation: Orationes in Catilinam 2, 16, 13

"tubae et signa militaria"

Cited in Lewis & Short, "tuba"

M.TULLIUS CICERO (v)

DR143

Instrument Cited: Bucina

Citation: Oratio pro L. Murena. 22

Refers to use of bucina signals to sound reveille.

Cited in Fleischhauer (1960) p 504.

CLAUDIUS CLAUDIANUS (i) poet AD 400

DR31

Instrument Cited: Lituus

Citation: Claud. carm. 5, 218

"traceant litui. Prohibete sagittas."

Cited Wille 1967 p 90, 207

CLAUDIUS CLAUDIANUS (ii)

Instrument Cited: Lituus

Citation: Claud. carm. 8, 152ff

"redditque ferocem/vagitum lituus."

Cited Wille (1967) p 90, 207

DECIMIANUS

DR55

Instrument Cited: Bucina

Citation: Inscription on gravestone.CIL VI. 3179

"P. Ael. Docimianus eq. sing. Aug. bucinator heres."

Cited in Klar (1971) p 315

DEAD SEA WAR SCROLL

DR121

Instrument Cited: Chatzotzerah

Citation: Reference to the "trumpets of remembrance".

Cited in Wulstan (1973) p 31.

DIO CASS

DR115`

Instrument Cited: Tuba

Citation: Dio. Cass. 41, 58, 2

Ref. to use of tubicines in sounding the attack.

Cited in Fleischhauer (1960) p 502

DIOD

DR131

Instrument Cited: Tuba

Citation: Diod. 31, 8, 10.

Ref. to use of tubicines in the triumphal procession.

Cited in Fleischhauer (1960) p 502.

DIODORUS SICULUS BC 40

DR9

Instrument Cited: Salpinx

Citation: Lib. v. c. 30.

"The Celtic Gauls have amongst them trumpets peculiar as well to themselves as to other nations; these, by inflation, emit an hoarse sound, well suited to the din of battle."

Cited in Kemble 1863 p 171. Nierhaus 1953 p 60. Wille (1967) p 623

DION

DR139

Instrument Cited: Bucina

Citation: Cited in Fleischhauer (1960) p 503

ENNIUS (i) Poet Ob. BC 169

DR10

Instrument Cited: Lituus

Citation: Enn. ap Paul ex Fest.

"Lituus sonitus effudit acutos"

Cited Lewis & Short (1945) Lituus.

ENNIUS (ii)

DR85

Instrument Cited: Tuba

Citation: Enn. ap Prisc. Fragment 143

309

"at tuba terribili sonitu taratantara dixit"

Cited Lewis & Short (1945) "sonitus". Baines (1976) p 63

EURIPEDES (i)

DR66

Instrument Cited: Trumpet

Citation: Phoenissae (1377)

Ref. to trumpet among the proud emblems of an unholy war: ..

Cited in Verrall (1884) p 80.

EURIPEDES (ii)

DR67

Instrument Cited: Trumpet

Citation: Troades 1267

trumpet tells Trojan captives that moment of expatriation has arrived.

Cited in Verrall (1884) p 80

EURIPEDES (iii)

DR68

Instrument Cited: Trumpet

Citation: Rhesos (989)

The Trojan Hektor names the trumpet as the signal of his attempt, so nearly successful, to burn the Greek ships.

Cited in Verrall (1884) p 80.

EURIPEDES (iv)

DR69

Instrument Cited: Trumpet

Citation: Rhesos (144)

The Trojan Hektor names the trumpet as the signal of his attempt, so nearly successful, to burn the Greek ships.

Cited in Verrall (1884) p 80.

EURIPIDES (v)

DR70

Instrument Cited: Tyrrhene Trumpet;

Citation: The "Tyrrhene trumpet" is the prelude to a scene so horrible that the narrator declines the tasks of describing it.

Cited in Verrall (1884) p 80.

EUSTATHIUS (i)

DR2

Instrument Cited: Carnyx

Citation: Ad Iliade XVIII, 209. 1

Ref. to carnyx having mouthpiece of lead.

Cited in Piggott (1959) p 19.

EUSTATHIUS (ii)

DR4

Instrument Cited: Carnyx

Citation: 1189 = 1139. 56-57

Gives name of carnyx to the instrument of the Celts. Said to be almost identical passage to DR2.

FESTUS Grammarian fl. AD 150?

DR52

Instrument Cited: Bucina Lituus

Citation: Sext. Pompeius Festus

"Lituus appellatus, quod litis sit testis. Est enim genus bucinæ incurvæ, quo qui cecinerit dicitur liticen."

FLORUS Historian fl. AD 140

DR43

Instrument Cited: Lituus

Citation: L. Annaeus Florus. epit. 2, 13, 67 (IV,2)

"et primum strages a luba coepit, cuius elephantum bellorum rudes et nuper a silva consternati subito clangore lituorum in suos sese circumegere."

Cited Wille (1967) p 92, 224

GILGAMESH c. 1950BC

DR5

Instrument Cited: Trumpet

Citation: Description of Gilgamesh inventing the trumpet from the root and branch of a tree.

Cited in Galpin (Sumerians) 1937 p 22.

HERENNIUM

DR87

Instrument Cited: Tuba

Citation: Auctor and Herennium, v. cornificius, 4, 15, 21.

Ref. to tuba.

Cited in Lewis & Short (1945) "sonitus".

HESYCHIUS

DR3

Instrument Cited: Carnyx

Citation: Hesychius assigns the name carnyx, (karnon) to the Galations.

Cited in Piggott (1959) p 19.

HIERONYMUS Christian writer Ob. AD 420

DR53

Instrument Cited: Buccina, Cornu

Citation: OS. 2, 8, 9.

"buccina pastoralis est et cornu recurvo efficitur "

Cited in Klar (1971) p 312; Wille (1967) p 80 51 p 119; Fleischhauer p 503

HOMER

DR71

Instrument Cited: Salpinx

Citation: According to Verrall, the salpinx is mentioned twice in Homer's work.

Cited in Verrall, (1884) p 81.

HORATIUS FLACCUS (i) Poet Ob BC 8

DR11

Instrument Cited: Lituus, Tuba

Citation: Horatius Flaccus. Carmina Liber Primus, 1, 1, 23. prob written BC 24

"Multos castra juvant et lituo tubae Permixtus sonitus bellaque matribus Detestata".

"Many camps are aided by litui and tubae which make a confused, warlike warning sound."

HORATIUS FLACCUS (ii)

DR51

Instrument Cited: Cornu Lituus

Citation: Horatius Flaccus. Prob. Carminum II, 1, 17. Written BC 24.

"Jam nunc minaci murmure cornuum

Perstringis aures, jam litui strepunt, Jam fulgor armorum fugaces ..."

HORATIUS FLACCUS (iii)

DR59

Instrument Cited: Cornu Tuba

Citation: VIDERIS Satirae I, 6, 44.

"Et Messalla Vide ? At hic, si plostra ducenta Concurrantque foro tria funera, magna sonabit Cornua quod Vincatque tubas; "

"The corpse was carried in procession from his house with the noise of trumpets, horns and fifes."

Cited in Fleischhauer (1960) p 502

HORATIUS FLACCUS (iv)

DR99

Instrument Cited: Cornu

Citation: Ref. to cornu having a "threatening roar".

Cited in Baines (1976) p 60.

HOSY 1298-1232 BC

DR178

Instrument Cited: Trumpet

Citation: Ref. to Hosy, first named Egyptian trumpeter, time of Ramses II.

Cited in Hickmann (1961) p.122, 166, Abb. 89.

HYGINUS poet and fabulist

DR148

Instrument Cited: TRITON

Citation: C. Julius Hyginus. Astronomia 2, 23 p 66, 13.

Ref. to Triton being first person to hollow out a shell and blow it so successfully that the Giants were afraid of the unknown and fled.

Cited in Fleischhauer (1960) p 504.

IULIUS VICTOR

DR185

Instrument Cited: Lituus Cornu

Citation: Inscription on gravestone.

"M(arcus) Julius Victor ex collegio liticinum cornicinum" See IC71.

JEROME 340-420 AD

DR177

Instrument Cited: Keras, Buccina, Tuba, Shofar

Citation: "Buccina pastoralis est et cornu recurvo efficitur, unde et proprie hebraice shofar, graece keratine appellatur. Tuba autem de aere conficitur vel argento quae in bellis et solemnitatibus concrepabant."

"The buccina is the instrument of the shepherds made from curved horn, therefore it is called, in Hebrew shofar, in Greek keratine. The tuba however is made of brass or silver and its resounding tone is used in wars and festivities."

Cited in Sendrey 1969 p 367. (513)

JOSEPHUS (i) Jewish historian 37-100 AD

DR100

Instrument Cited: Chatzotzerah

Citation: Flavius Josephus Antiquities III xii, 6.

Ref. to use of two chatzozerot

Cited in Wulstan (1973) p 30.

JOSEPHUS (ii)

DR146

Instrument Cited: Chatzotzerah

Citation: According to Josephus the length of the Jewish trumpet was one Ell. (c 45.7 cm).

Cited in Tarr (1977) p 15.

JUNIUS JUVENALIS poet Ob. AD 130

DR12

Instrument Cited: Cornu, Lituus

Citation: D. Junius Juvenatis Juv. 14, 200

"Aut longos castrorum ferrelabores/si piget et trepidum solvunt tibi cornua ventrem/cum lituis audita".

Cited in Wille (1967) p 83, 104

LIVIUS (i) Historian ob. AD 17

DR13

Instrument Cited: Lituus

Citation: Titus Livius Liv. 1, 18.

Probably a reference to the auger's staff.

"Baculum aduncum tenens, quem lituum appelaverunt".

LIVIUS (ii)

DR46

Instrument Cited: Trumpet, Horn.

Citation: Liv. 9, M1, 17.

Ref. to use of trumpets and horns together during a battle.

Cited in Fleischhauer (1960) p 501; Kemble (1863) p 171.

Livius (iii)

DR107 Entry as for Livius (ii) DR 46

LIVIUS (iv)

DR106

Instrument Cited: Tuba

Citation: 37, 29, 3.

Ref. to tubicines giving Legionaires the alarm signal.

Cited Fleischhauer (1960) p 502.

LIVIUS (v)

DR117

Instrument Cited: Tuba

Citation: 27, 47, 2.

Ref. to use of tubicines to sound the retreat.

Cited Fleischhauer (1960) p 502.

LIVIUS (v1)

DR118

315

Instrument Cited: Tuba

Citation: 30, 14, 11

Entry as Livius (v) DR117

LIVIUS (vii)

DR142

Instrument Cited: Bucina

Citation: 26, 15, 6

Ref. to use of the bucina to sound the watches of the night.

Cited in Fleischhauer (1960) p 504.

LUCANUS (i) Poet ob. AD 65

DR14

Instrument Cited: Lituus Tuba

Citation: M. Annaeus Lucanus Luc. 1, 237.

"Stridor lituum olangorque tubarum".

LUCANUS (ii)

DR97

Instrument Cited: Tuba. AERE RECURVO

Citation: "Batavique truces, quos aere recurvo stridentes acuere tubae".

Cited in Nierhaus (1953) p 59.

MISHNAH (i)

DR102

Instrument Cited: Shofar, Chatzotzerah

Citation: Mishnah, Rosh ha-Shanah 111, 2.

Ref. to duty days taken in turns between the Shofar and Chatzozerah.

MISHNAH (ii)

DR103

Instrument Cited: Chatzotzerah

Citation: Mishnah, Tamid VII, 3

Ref. to the priests blowing trumpets during a pause in the Levitical singing in the Second Temple: this was also a signal to the worshippers to prostrate themselves.

Cited in Wulstan (1973) p 30.

MISHNAH (iii)

DR125

Instrument Cited: Shofar, Chatzotzerah

Citation: Mishnah, Kinnim. 111, 6.

Ref. to trumpet "can be made of animal horn".

Cited in Wulstan (1973) p 31.

MISHNAH (iv)

DR128

Instrument Cited: Shofar

Citation: Mishnar, Rosh ha-Shana 111, 6.

States that holes made in the shofar make it invalid.

Cited in Wulstan (1973) p 41.

MISHNAH (v)

DR132

Instrument Cited: Keren

Citation: Mishnah, Rosh ha-Shana 111.

States that Keren is a bovine horn.

Cited in Wulstan (1973) p 42.

OVIDIUS (i) Poet ob. AD17

DR15

Instrument Cited: Lituus

Citation: P. Ovidius Naso Fasti 3, 216.

"Jam lituus pugnae sigma daturus erat".

Cited Lewis & Short (1945) "Lituus"; Behn (1912) p 39

OVIDIUS (ii)

DR28

Instrument Cited: Concha, Bucina, Triton

Citation: Metamorphoses 1, 333

"Caeruleum Tritona vocat conchaeque sonanti/inspirare iubet fluctusque et flumina signo/iam revocare dato; cava bucina sumitur illi/tortilis, in latum quae turbine crescit ab imo/bucina, quae medio concepit ubi aera ponto,/litora voce replet sub utroque iacentia Phoebus/Tunc quoque, ut ora dei madida rorantia barba/contigit et cecinit iusos inflata receptus/omnibus audita est telluris et aequoris undis".

Cited Fleischhauer (1960) p 504

OVIDIUS (iii)

DR39

Instrument Cited: Aes. Tuba

Citation: Metamorphoses 3, 704.

"fremit acer equus cum bellicus aere canoro signa dedit tubicen, pugnaeque adsumit a(m)oren".

Cited Wille (1967) p 91 216.

OVIDIUS (iv)

DR60

Instrument Cited: Aes Flexum, Cornu, Tuba

Citation: Metamorphoses I, 98.

"Non tuba directi, non aeris cornua flexi".

"The lituus was not as straight as the tuba, not as twisted as the other (the cornu)".

Cited in Fleischhauer (1960) p 502.

OVIDIUS (v)

DR120

Instrument Cited: Tuba

Citation: Epistulae ex Ponto 3, 4, 31.

Refers to the use of the tubicines in daily service.

Cited in Fleischhauer (1960) p 502.

PAULUS Flor. AD 200

DR85

Instrument Cited: Lituus

Citation: Julius Paulus

"lituus sonitus effundit acutos"

Cited in Lewis & Short (1945) sonitus.

PERPETSCHAU 1200-1085 BC

DR179

Instrument Cited: Trumpet

Citation: Ref. to Perpetschau and Amonchau, two trumpeters of 20th Dynasty Egypt 318

Cited in Hickmann(1960) p 122, 166, Abb.89.

PETRONIUS ARBITER Satirist Fl. AD 60

DR105

Instrument Cited: INSTRUMENTS

Citation: Petr. 78.

Ref. to different instruments playing together.

Cited in Fleischhauer (1960) p 502.

PLAUTUS Writer of comedy ob. BC 184

DR92

Instrument Cited: Tuba

Citation: T. Maccino Plautus. Amphitruo 1, 1, 73.

"tubae utrimque canunt".

Cited in Lewis & Short (1945) "tuba".

PLINIUS Ob. AD 79

DR13

Instrument Cited: Cornu

Citation: C. Plinius Caecilius Secundus.

Plin. 11, 37, 45, 125.

"Aliis cornua adunca, aliis redunca".

PLUT (i)

DR114

Instrument Cited: Tuba

Citation: Plut. Sulla 29, 8.

Ref. to the tubicines in sounding the attack.

Cited in Fleischhauer (1960) p 502.

PLUT (ii)

DR135

Instrument Cited: Tuba

Citation: Plut. Aem. Paul. 33, 1.

Ref. to use of tubicines in triumphal procession.

Cited in Fleischhauer (1960) p 502.

PLUTARCH (i) c. 50 AD

DR48

Instrument Cited: TrumpetS

Citation: Aem. Paul. 33.

Refers to trumpeters being a regular part of the triumphal procession.

Cited in Ryberg (1955) p 21.

PLUTARCH (ii)

DR73

Instrument Cited: Trumpet

Citation: Morals 150

Ref. to Egyptian delta towns where the Egyptian trumpet detested as it made a noise like the braying of an ass.

PLUTARCH (iii)

DR74

Instrument Cited: Trumpet

Citation: Morals 362

Entry as Plutarch (ii) DR 73

PLUTARCH (iv)

DR101

Instrument Cited: Trumpet

Citation: Peri Isidos kai Osiridos 30.

Entry as Plutarch (ii) DR 73.

POLLUX (i)

DR93

Instrument Cited: Reference to signals

Citation: IV, 85.

Reference to use of tactical signals.

Cited in Baines (1976) p 63.

POLLUX (ii)

DR182

Instrument Cited: Tuba

Citation: Chapter on musical instruments.

Ref. to mouthpiece of tuba being made of bone.

Cited in Behn (1954) p 136.

POLYB

DR141

Instrument Cited: Bucina

Citation: 6, 35, 12.

Ref. to use of bucina to sound the watches of the night.

Cited in Fleischhauer (1960) p 504.

POLYBIUS (i)

DR17

Instrument Cited: Carnyx

Citation: Prob. II, 29, 6.

"The parade and tumult of the army of the Celts terrified the Romans; for there was amongst them an infinite number of horns and trumpets, which, with the shouts of the whole army in concert, made a clamour so terrible and loud, that every surrounding echo was awakened, and all the adjacent country seemed to join in the horrible din."

Cited in Wilde (1861) p 632; Nierhaus (1953) p 60.

POLYBIUS (ii)

DR96

Instrument Cited: HORN

Citation: Hist. 12, iv, 6.

"From Roman times Polybius tells of the astonishing skill of Italian swineherds with the horn; how from a vast herd the pigs of a particular breed or age group would answer without fail to their particular call and sort themselves out for their nightly quarters".

PROPERTIUS (i) Poet ob. BC 16

DR119

Instrument Cited: Tuba

Citation: Sextus Aurelius Propertius 4, 4, 79

Ref. to tubicines in daily duty.

Cited in Fleischhauer (1960) p 502.

PROPERTIUS (ii)

DR143

Instrument Cited: Bucina

Citation: 4, 4, 63

Ref. to use of bucina signal to sound the reveille.

Cited in Fleischhauer (1960) p 504

PROPERTIUS (iii)

DR175

Instrument Cited: Buccina

Citation: "Buccina cogeat priscos ad verba Quirites"

Cited in Bridge (1905) p 138

QUINTILIANUS Rhetorician Ob. AD 95

DR47

Instrument Cited: Trumpet, Horn .

Citation: M.T. Quintilianus 1, 10, 14

Ref. to both trumpets and horns playing together during battle.

Cited in Fleischhauer (1960) p 503

RABBINIC SCRIBES

DR180

Instrument Cited: Chatzotzerah

Citation: Reference to the use of the chatzozerah in the second Temple.

Cited in Sendrey (1969) p 336

RUFINUS

DR56

Instrument Cited: Bucina

Citation: Inscription on gravestone, CIL III 3352 "titulum p(osuit) F(lavius) Refinus eq(ues) buc(inator) coh(ortis) eiusde(m) h(eres) ex t(estamento)."

SCHOL. HOR Poet Ob. BC 8

DR37

Instrument Cited: Lituus, Tuba

Citation: "Litui acutus sonus est, tubae gravis. Inter lituum et tubam in antiquis scriptis hoc distare inveni: lituus equitum est et incurvus, tuba Vero peditum est et directa".

Cited in Wille (1967) p 91 213; Behn (1912) p 36,39; Klar (1971) p 304.

SENECA (i) Philosopher and tragedian Ob AD65.

DR18

Instrument Cited: Lituus, Cornu, AERE

Citation: L. Annaeus Seneca. Oedip. 73 ff.

"sonuit reflexo classicum cornu lituusque adunco stridulos cantus elisit aere".

Cited in Behn (1912) p 36; Klar (1971) p 307.

SENECA (ii)

DR58

Instrument Cited: Aes, Cornu, Tuba

Citation: Apocolocyntosis 12, 1.

"tubicinum, cornicinum omnis generis aeneatorum tanta turba, tantus concentus, ut etiam Claudius sentire posset."

Cited in Fleischhauer (1960) p 502.

SILIUS ITALICUS (i) Poet Ob. AD 101

DR30

Instrument Cited: Lituus

Citation: "Ergo age, qua litui, qua ducunt bella sequamur".

Cited in Wille (1967) p 90 207

SILIUS ITALICUS (ii)

DR146 ‘

Instrument Cited: Bucina, Cornu, Tuba

Citation: 5, 222

Ref. to bucinae, tubae and cornua playing together.

Cited in Fleischhauer (1960) p 504.

SILIUS ITALICUS (iii)

DR147

Instrument Cited: Bucina, Tuba, Cornu

Citation: 15, 605

Entry as Silius Italicus (iii) DR147.

SOPHOKLES (i)

DR62

Instrument Cited: Salpinx

Citation: Asias 14

Ref. to the voice of the brazen-mouthed Italian salpinx

Verrall discusses this as "the broad end of a trumpet".

Verrall (1884) p 76.

SOPHOKLES (ii)

DR65

Instrument Cited: Trumpet

Citation: Ai 291

Ref. to Tekmessa reminding Aias, as he goes out upon his fatal errand, that this time it is not the trumpet which calls him from her side.

Cited in Verrall (1884) p 80.

SOPHOKLES (iii)

DR130

Instrument Cited: Horn

Citation: Ajax 18

324

Attribution of metal form of horn to the Etruscans.

Cited in Wulstan (1973) p 41.

STATIUS Poet Ob. AD 96

DR42

Instrument Cited: Lituus Tuba

Citation: P. Papinius Statius. Thebais 11, 50 ff & 56

egregius litus dextri Mavortis hortator; sed nunc miseris dabat utile signum suadebatque fugam et tutos in castra receptus iam gelida ora tacent, carmen tuba sola peregit".

Cited in Wille (1967) p 92 223

TACITUS (i) Historian Ob. AD 119

DR45

Instrument Cited: Trumpet, Horn

Citation: C. Cornelius Tacitus. Annales 1, 28, 2.

Ref. to trumpeters and horn-players playing together during the battle.

Cited in Fleischhauer (1960) p 503.

TACITUS (ii)

DR132

Instrument Cited: Tuba

Citation: Historia 2, 29, 2

Ref. to use of tubicines in daily duty.

Cited in Fleischhauer (1960) p 502.

TACITUS (iii)

DR137

Instrument Cited: Trumpets, Horns.

Citation: Annales 68, 3. _

Entry as Tacitus (i) DR 45.

TACITUS (iv)

DR138

Instrument Cited: Trumpets, Horns.

Citation: Annales 2, 81, 2.

325

Entry as Tacitus (i) DR 45.

TACITUS (v)

DR140

Instrument Cited: Bucina

Citation: Annales 15, 30, 1.

Ref. to use of the bucina signal for the last post.

Cited in Fleischhauer (1960) p.504

TACITUS (vi)

DR184

Instrument Cited: ALPHORN

Citation: Ref. to the Alphorn as cornus alpinus.

Cited in Marcuse (1975) p 815.

TALMUD ARAKIN

DR126

Instrument Cited: Shofar, Chatzotzerah

Citation: Babylonian Talmud Arakin 11, 3.

Details of shofar and Chatzotzerah calls.

Cited in Wulstan (1973) p 32.

TALMUD ROSH HA-SHANAH (i)

DR124

Instrument Cited: Shofar , Chatzotzerah

Citation: Babylonian Talmud. Rosh ha-Shanah 36a.

Ref. to interchange of roles of shofart and chatzozerah.

Cited in Wulstan (1973) p 31.

TALMUD ROSH HA-SHANAH (ii)

DR127

Instrument Cited: Shofar, Chatzotzerah.

Citation: Babylonian Talmud Rosh ha-Shanah 33b.

Details of shofar and chatzozerah calls.

TALMUD SHABBAT

DR122

Instrument Cited: Shofar, Chatzotzerah

Citation: Talmud Shabbat 36a.

"What was called a trumpet has become a shofar and what was called a shofar has become a trumpet".

Cited in Wulstan (1973) p 31.

TALMUD SUKKOTH

DR123

Instrument Cited: Shofar, Chatzotzerah

Citation: Babylonian Talmud Shukkoth 34a

Entry as Talmud Shabbat 36a DR122

TUSHRATTA 1380BC

DR1

Instrument Cited: Trumpet Horn

Citation: An inventory of presents offered by King Tushratta of Mitanni to the Pharaoh Amenophis IV on the occasion of the betrothal of his daughter Tatuhepa to the Egyptian Monarch. Amongst these were two karan, the pattu, reed or tube, corresponding to the older MEKKU being bound, probably with willow bark or bast, and the kizallu (gourd or-bell), the older PUKKU, made of wood overlaid with gold: one of the instruments was also mounted with two gold bands.

List specified 40 horns all covered with gold and some studded with precious stones. 17 of them specifically called ox-horns.

Cited in Galpin (Sumerians 1937) p 24; Sachs (1940) p 73.

UR-LAMA 2275 BC

DR6

Instrument Cited: SIM

Citation: Ref. to SIM prefixed with copper determinative in inventory of copper articles.

C. VALERIUS FLACCUS

DR20

Instrument Cited: Lituus

Citation: 6, 163-166

327

"nec tot ab extremo fluctus agit aequore nec sic fratribus adversa Boreas respondet ab unda aut is apud fluvios volucrum canor eathera quantus tunc lituum concentrus adit".

Cited in Wille (1967) p 91 210

VARRO (i) ob.·BC 27

DR24

Instrument Cited: Bucina

Citation: De Re Rustica 2, 4,20

"Subulcus debet consuefacere, omnia ut faciant ad bucinam primo cum incluserunt cum bucinatum est aperiunt, ut silvestri loco dispersi ne dispersant".

Cited in Fleischhauer (1960) p 503

VARRO (ii)

DR25

Instrument Cited: Bucina

Citation: De Re Rustica 3, 13, 3

"ibi erat locus excelsus, ubi triclinio posito cenabamus, quo Orphea vocari iussit qui cum eo venisset cum stole et cithara cantare esset iussus, bucina inflavit, ut tanta circumfluxerit nos cervorum aprorum et ceterarum quadripedum multitudo, ut non minus formosum mihi visum sit spectaculum, quam in circo maximo aedilium sine Africanis bestiis cum fiunt venationes".

Cited Fleischhauer 1960 p 503

VARRO (iii)

DR26

Instrument Cited: Bucina

Citation: De Re Rustica 3, 13, 1

"vidisti ad bucinam inflatam certo tempore apros et capreas convenire ad pabulam".

Cited in Fleischhauer (1960) p 503.

VARRO (iv)

DR183

Instrument Cited: Cornu. ANIMAL HORN

Citation: "Cornua quod ea nunc sunt ex aere, tunc fiebant bubalo e corno".

328

The cornua, now made of bronze were formerly made from horns of the wild ox.

VEGETIUS (i) Writer. fl. AD 386

DR19

Instrument Cited: Tuba, Cornu, Bucina

Citation: F. Vegetius Renatus

De Re Mil II 22.

Habet praeterea legio tubicines cornicines bucinatores. Tubicen ad bellum vocat milites et rursus receptui canit. Cornicines quoties canunt, non milites sed signa ad eorum obtemperant nutum. Ergo quotiens ad aliquod opus exituri sunt soli milites, tubicines canunt, quotiens movenda sunt signa, cornicines canunt; quotiens autem pugnatur, et tubicines et cornicines pariter canunt.

Cited Fleischhauer (1960) p 502.

VEGETIUS (ii)

DR21

Instrument Cited: Tuba, Bucina, Cornu, AERE CURVO

Citation: De Re Mil II 7.

"Tubicines cornicines et bucinatores qui tuba vel aere curvo vel bucina committera proelium solent".

"Tuba, cornu and bucina players who with the Tuba or either the aere curvo (cornu?) or the bucina usually begin the battle".

VEGETIUS (iii)

DR22

Instrument Cited: Bucina, Cornu.

Citation: De Re Mil II 22

"Classicum item appellatur quod bucinatores per cornu dicunt. Hoc insigne videtur imperii, quia classicum canitur, imperatore praesente vel cum in militem capitaliter animadvertitur, quia hoc ex imperatoris legibus fieri necesse est".

Cited Fleischhauer (1960) p 503.

VEGETIUS (iv)

DR23

Instrument Cited: Tuba Cornu.

Citation: De Re Mil II 22.

"Sive ergo ad vigiliis vel agrarias faciendas sive ad opus aliquod vel ad decursionem campi exeunt milites, tubicine vocante operantur et rursus tubicine admonente cessant. Cum autem moventur sigma aut iam mota figenda sunt, cornicines canunt."

Cited in Fleischhauer (1960) p 503.

VEGETIUS (v)

DR54

Instrument Cited: Tuba, Cornu, Bucina, AES

Citation: De Re Mil III, 5

"Semivocalia sunt quae per tubam aut cornu aut bucinam dantur; tuba quae directa est appellatur; bucina quae in semet aereo circulo flectitur; cornu quod ex uris agrestibus, argento nexum, temperatum arte spirituque canentis flatus emittit uditum. Nam indubitatis per haec sonis agnoscit exercitus, utrum stare vel progredi an certe regredi oporteat."

Cited Wille (1967) p 80 46

VERGILIUS (i) Poet Ob. BC 19

DR38

Instrument Cited: Lituus

Citation: P. Vergilius Maro Georgica 3, 182 ff.

"primus equi labor est, animos atque arma videre bellantum lituosque pati tractuque gementem ferre rotam et stabulo frenos audire sonantis"

VERGILIUS (ii)

DR27

Instrument Cited: Bucina, Cornu

Citation: Aeneis 7, 512

"de culmine sumno/pastorale canit signum cornuque recurvo/Tartaream intendit vocem, qua protinus omne/contremuit nemus et silvae insonuere profundae tum vero ad vocem celeres, qua bucina signum/dira dedit, raptis concurrunt undique telis/indomiti agricolae.

Cited Fleischhauer (1960) p 503

VERGILIUS (iii)

DR50

Instrument Cited: Lituus

Citation: Aeneis 6, 167

Ref. to lituus being a military trumpet.

Cited in Ryberg (1955) p 21.

VERGILIUS (iv)

DR88

Instrument Cited: Tuba

Citation: Georgica, 4, 7

Ref. to tubarum

Cited in Lewis & Short (19h5) "Sonitus".

VERGILIUS (v)

DR91

Instrument Cited: Tuba

Citation: Aeneis 9, 503.

at tuba terribili sonitu taratantara at dixit".

Cited in Lewis & Short (1945) "tuba".

VERGILIUS (vi)

DR131

Instrument Cited: Tuba

Citation: Aeneis VIII, 526.

Ref. to Etruscan source for tuba.

Cited Tarr 1977 p 16; Wulstan (1973) p 41.

VOPISCUS Historian AD 305

DR41

Instrument Cited: Cornu, Lituus

Citation: Flavius Vopiscus Aur 31, 7.

"templum sane solis, quod apud Pulmyram aquiliferi legionis tertiae cum vexilliferis et draconarie et cornicinibus atque liticinibus diripuerunt "

Cited in Wille (1967) p 91 220

ICONOGRAPHIC REFERENCES

These are also listed on my web site <http://www.hornandtrumpet.com>, along with images where possible

IC1 Instrument on Tomb Stone

Find Spot: Mainz, Germany

Current Location: Stadtische Altertumsammlung, Mainz

Description: Carving of small doubly curved instrument on tomb stone of cavalry man Andes.

Citations: Sachs, 1940, 147; Klar, 1971, 315; Behn, 1954, Abb. 180.

IC2 Lituus and Cornu on Wall Painting

Find Spot: Tomb of seven chimneys Orvieto

Date of Illustration: 4th Century BC

Description: Cornu and tuba players carrying instruments, standing with a group of other people. Cornu is of oval form with widebore and no clear mouthpiece. Lituus is clearly conical with a wide mouthpiece and has a possible mouthpiece at tip end

IC3 Lur - Rock-Carving

Find Spot: Tanum, Bohuslan, Sweden

Description: Group of three lur players blowing curved lurs and wearing horn helmets, one other player below and to right.

Citations: Broholm, 1949, Plate 28; Lund, 1976, Figure 3

IC4 Horn - Rock-Carving

Find Spot: Kivik, Scania, Sweden

Current Location: Lost

Description: Two horn players blowing long animal horn-shaped instruments. One points into air, other held under arm. Found on stone slabs in Bronze-Age cist.

Citations: Broholm, 1949, Plate 28; Behn, 1954, Abb, 7;

IC5 Carnyx on Frieze

Find Spot: Arch of Orange, France

Description: Soldier blowing carnyx with further animal-headed carnyx behind.

Citations: Moreau, 1958; Dechelette, 1927; Espérandieu, 1907; Piggott, 1959 P1.VIIa,

IC6 Lituus - Carving in Tomb

Find Spot: Tomba dei Relievi at Caere

Date of Illustration: 4th Century BC

Description: Carving of lituus on pillars supporting roof of tomb at Caere.

Citations: Oldeberg, 1947, 4; Hencken, 1951, 58; Ducati, 1927, 394; Giglioli, 1935, 64, Tav. CCCXLII/III.

IC7 Horn on Relief

Find Spot: Carchemish

Date of Illustration: c. 1250BC

Current Location: British Museum

Description: Short, thick horn being blown alongside a large frame drum.

Citations: Galpin, 1937, (Sumarians) Plate III, No. 1; Sachs, 1940

IC8 Tubae on Relief

Find Spot: Arch of Titus, Rome I

Date of Illustration: 81 AD

Description: Tubae being blown at relief celebrating action in 71 AD by emperor Titus. Destruction of the temple of Jerusalem.

Citations: Kinsky, 1929, 20; Behn, 1954, Abb. 83; Mommsen, 1955, 344; Collaer, 1968, 28, No. 116; Strong, 1926, 362;

IC9 Single Cone Tuba on Limestone Fragment

Find Spot: Khafiji (Khafajah) Mesopotamia

Date of Illustration: ca. 2600BC

Current Location: Oriental Institute, Chicago, No. A9275.

Description: Part of head of player blowing a single- coned tuba apparently part of a victory stela.

Citations: Rimmer, 1969, 30, Figure 7; Frankfort, 1939, Plate 100C

IC10 Single Cone Tuba on Relief

Find Spot: Palace of Sennacherib, Nineveh

Date of Illustration: Between 705 and 681 BC

Current Location: British Museum, West Asiatic Antiquities, No. 124820

Description: Two players, one holding single coned tuba other blowing same. Apparently signalling to men hauling a colossal bull.

Citations: Rimmer, 1969, 38, Figure 10; Layard, 1853, Plate 15; Behn, 1954, Abb. 37

IC11 Lituus and Cornu on Wall Painting

Find Spot: Tomb of the Monkey, Chiusi

Date of Illustration: 490-470BC

Current Location: Archaeological Museum, Florence

Description: A lituus carried by a figure in an Etruscan funeral scene.

Citations: Harrison, 1964, Figure 21; Wille, 1967

IC12 Tuba and Two Cornua on Mosaic

Find Spot: Zliten, Tripoli, Libya

Date of Illustration: 1st Century AD

Description: Similar to IC 40. Two cornu and one tuba played to accompany a hydraulis heralding the victory in a gladiatorial combat.

Citations: Harrison, 1964, Figure 23

IC13 Carnyx on Frieze

Find Spot: Brague, France

Description: Representation of a carnyx on a monument at Brague.

Citations: Déchelette, 1927; Espérandieu, 1907

IC14 Carnyx on Frieze

Find Spot: Narbonne, France

Description: Representation of Carnyx on frieze at Narbonne.

Citations: Dechelette, 1927, 685; Esperandieu, 1907, VI

IC15 Carnyx on Carving

Find Spot: Nimes, France

Description: Representation of Carnyx on Altar at Nimes.

Citations: Déchelette, 1927, 685, Figure 496; Espérandieu, 1907

IC16 Cornua and Lituus on a Relief

Find Spot: Amiternum (Preturi), Italy

Date of Illustration: First Century BC

Current Location: Museo Nazionale, Aquila, Italy

Description: Two cornua and side blown lituus being played in Roman funeral procession.

Citations: Quasten, 1930, 202, Figure 31; Wille, 1967, 70; Strong, 1926, 36; Baines, 1976, Figure 6b; Ryberg, 1955, 36, Figure 19b, Plate IX; Masson, 1973, 166, Figure 125

IC17 Tuba on Relief

Find Spot: Rome

Description: Tuba player in procession in Cybele Cult.

Citations: Quasten, 1930, 56, Taf. 21;

IC18 Tuba Players on Bas Relief

Find Spot: Arch of Constantine

Date of Illustration: ca. 550 AD

Description: Two players blow parallel-bored tubae in Suovetaurilium. Instruments have large, oddly-shaped mouthpieces.

Citations: Quasten, 1930, Taf. 5; Strong, 1926, 251, Figure 156; Ryberg, 1955, 115, Figure 59, Plate XL

IC19 Tuba on Silver Dish

Find Spot: Kaiseraugst near Basel, Switzerland

Date of Illustration: 550/1AD

Current Location: Römermuseum, Augst, Switzerland

Description: Player blows slightly curved single-coned tuba with cord/wire from mouthpiece to bell. Dish made and signed by Pansylyppus of Thessalonika found in association with silver ingots marked with the stamp of Magnentius 350 to 353 AD.

Citations: Bacon, 1971, 28; Kent, 1977, 44, No. 80; Laur-Belart, 1967, 8

IC20 Horn

Description: A Sumerian horn cited by Galpin. No other information.

Citations: Galpin, 1957 (Sumerians), 21.

IC21 Horn on Silver Dish

Date of Illustration: 4th Century AD

Current Location: British Museum, Western Asiatic Antiquities,
No. 124093

Description: Player blowing slightly-curved single-coned horn on border of large silver dish.

Citations: Galpin, 1937 (Sumerians), 22; Dalton, 1964, Plate XXXVIII, No. 208; Pope, 1938, Plate 239; Lukonin, 1967, 28, Figure 6

IC22 Cornu Nennig

Find Spot: Nennig near Trier, Germany

Description: Player holding cornu standing adjacent to hydraulis player. Cornu has cross piece with pointed decorative ends. Bell end has open hemispherical type bell.

Citations: Behn, 1954, Abb. 147;

IC23 Three Cornua on Limestone Relief

Find Spot: Round temple klissa in the Dobrudscha

Date of Illustration: 109 AD

Current Location: Museum of Antiquities, Bucharest, Romania

Description: Three Roman military cornu players blowing instruments on limestone relief. Instruments have short bracing piece from mouthpipe to cross-brace.

Citations: Buchner, 1961, Figure 83; Kinsky, 1929, 20

IC24 "Lituus" Player on Bronze Situla

Date of Illustration: 5th to 4th Century BC

Description: Player blowing short conical up-curving instrument with rapidly opening-out bell.

Citations: Behn, 1954, 121

IC25 "Trumpet" on Relief

Find Spot: Bharahat, Central India

Date of Illustration: 2nd Century BC

Description: Reliefs on Stupa or mound at Bharahat showing musicians.

Citations: Sachs, 1940, 156; Dubois, 1937, 38, Plate XIV, no. 3

IC26 Carnyx on Triumphal Arch

Find Spot: Hadrian triumphal arch

Date of Illustration: 115 AD

Description: Celtic carnyx carved on triumphal arch.

Citations: Sachs, 1940, 146.

IC27 Proto-Carnyx on Relief

Find Spot: Temple of Sanchi, Central India

Date of Illustration: 1st Century AD

Description: Two "Non-Indian" men playing vertically-held instruments of similar form to the carnyx but lacking ears.

Citations: Sachs, 1940, 157; Dubois, 1937, 39, pi. XIV, No. 4

IC28 Tuba Player on Relief

Date of Illustration: 176 AD

Current Location: Palazzo dei Conservatori, Rome

Description: Tuba blown by player in vertical position during the triumph of Marcus Aurelius

Citations: Jones, 1926, 25, Plate 12; Mommsen, 1955, 253; Strong, 1926, 254, Figure 162

IC29 Tuba on Sarcophagus

Current Location: Museo Capitolino, Rome

Description: Greek blowing trumpet in battle with Amazons.

Citations: Jones, 1912;

IC30 Carnyx on Coin

Description: Illustration on a Celtic coin with the legend DUBNOCOV - DVBNOREIX showing Celtic warrior carrying a carnyx held vertically.

Citations: Déchelette, 1927, 649; Behn, 1954, Abb. 190

IC31 Trumpet on Fresco

Find Spot: Mamfisis, the Negev, Israel

Date of Illustration: Early 3rd Century AD

Description: Trumpeter found on Fresco in large Nabatean house. Part containing trumpet subsequently damaged.

Citations: Bacon, 1971, 173

IC32 Shell Trumpet on Gravestone

Find Spot: Bonn, Germany

Date of Illustration: End 1st, beginning 2nd Century AD

Current Location: Museum in Bonn, Inv. No. 30576

Description: Triton blowing a shell trumpet (Schneckenhorn) on a gravestone found in Bonn.

Citations: Klar, 1971, 323; Wille, 1967, 555; Fleischhauer, 1960, 128

IC33 Hebrew Trumpets on Coin

Find Spot: Bar Kochba, Israel

Description: Illustration of two Hebrew trumpets (chatzotzerot) on Hebrew coins from Bar Kochba. Instruments have appearance of single coned form plus mouthpiece.

Citations: Behn, 1954, Abb. 81; Hill, 1914, 41; Wulstan, 1975, 41

IC34 Horn on Silver Plate

Description: Illustration of horn player blowing animal form horn;
Citations Behn, 1954, 76, Abb. 103

IC35 Trumpet Player on Stone Carving

Find Spot: Tak-l-Bostan 1

Description: Sassanian carving of trumpet player blowing slightly up-curving instrument with wide bell (broadly similar to Celtic lituus.)

Citations: Behn, 1954, 77, Abb. 107

IC36 Trumpet on Stone Carving

Find Spot: Kivik, Sweden

Description: Carving of conical item with flared end generally interpreted as a trumpet carved on stone in Bronze-Age cist at Kivik.

Citations: Behn, 1954, Abb. 7;

IC37 Tuba ? on Coin

Find Spot: Simleul Silvaniei, Transylvania, Romania

Current Location: Kunsthistorisches Museum, Vienna

Description: Illustration of torch or tuba on coin of valens (364-378AD)

IC38 Hittite Trumpet on Wall Carving

Find Spot: Hittite royal palace at Ujuk

Date of Illustration: Beginning of 1st Millenium BC

Current Location: Ottoman Museum, Istanbul

Description: Trumpeter blowing short trumpet into air.

Citations: Kinsky, 1929, Plate 4

IC39 Tuba on Marble Relief

Find Spot: Ephesus

Date of Illustration: 165 AD

Current Location: Kunsthistorisches Museum, Vienna

Description: Sacrificial scene with tuba player blowing instrument to rear of panel on a marble relief from a monument to the emperor Marcus Aurelius.

Citations: Kinsky, 1929, 18, No. 4

IC40 Two Cornua and Tuba on Mosaic

Find Spot: Zliten, Tripoli, Libya

Date of Illustration: Possibly 3rd Century AD

Description: Mosaic pavement of a Roman villa depicting two cornua and a tuba being played at a gladiatorial combat, accompanied by a hydraulis. Similar to IC12.

Citations: Kinsky, 1929, 20, No. 1

IC41 Tuba Players on Marble Relief

Find Spot: Glyptothek, Munich, Germany

Date of Illustration: 50 AD

Description: Tuba players heralding the end of a gladiatorial combat

Citations: Kinsky, 1929, 20; Masson, 1973, 126, Figure 100;

IC42 Carnyx on Coin

Date of Illustration: Between 118 and 92 BC

Current Location: British Museum

Description: Warrior in chariot carrying spear and shield with carnyx in background on Denarius signed by Scaurus. Warrior said to be Bituitus, ruler of the Arverni.

Citations: B.M. Cat. Coins Roman Repub. I, 184,

No. 1185; Num. Chron., 1924, 31; 1941, 120

IC43 Carnyx on Coin

Description: Mounted rider carrying carnyx in right hand and unarmed holds instrument by the middle and brandishes it over his head while galloping, on coin of Tasciovanus. Minted at Verulam.

Citations: Allen, 1958, 44, Plate 1, No. 1; Evans, 1864, 247, Plate 6, No. 11

IC44 Carnyx on Coin

Description: Rider carrying carnyx in right hand and unarmed holds it by the middle and brandishes it over his head while galloping. on coin of Tasciovanus or Cunobelinus.

Citations: Allen, 1958, 44, Plate 1, No. 2;

IC45 Carnyx on Coin

Description: As IC 44

Citations: Allen, 1958, 44, Plate 1, No. 3

IC46 Carnyx on Coin

Description: Rider on horse with carnyx over right shoulder on coin of Cunobelinus.

Citations: Allen, 1958, 45, Plate 1, No. 5

IC47 Carnyx on Coin

Description: Rider on horse, unarmed, with carnyx over right shoulder, on coin of Eppillus.

Citations: Allen, 1958, 44, Plate 1, No. 5; Evans, 1864, 191, Plate 3, No. 11

IC48 Carnyx on Coin

Description: Rider on horse carrying carnyx, on coin of Eppillus,

Citations: Allen, 1958, 44, Plate 1, No. 6

IC49 Carnyx on Cauldron

Find Spot: Gundestrup, Denmark

Current Location: National Museum of Denmark, Copenhagen

Description: Illustration of three players blowing carnyces held vertically above head, on one of silver pannels of large cauldron.

Citations: Bohn, 1954, Abb. 192;

IC50 Tuba on Tombstone

Find Spot: Carnuntum

Description: Tuba player on tombstone with both tuba and staff of office.

Citations: Liversidge, 1971, 361;

IC51 Trumpeter on Wall Painting

Find Spot: Thebes

Date of Illustration: 18th dynasty (1505 - 1484 BC)

Current Location: Temple of Deir El-Bahari

Description: Trumpet player with group of soldiers, one of whom plays a hand drum, said by Hickmann to be first datable representation of a trumpet in Egypt.

Citations: Hickmann, 1946, 3, Figure 1; Naville, 1908;

IC52 Trumpet on Wall Painting

Find Spot: Tomb No. 74 at Thebes

Date of Illustration: Time of Thoutmes IV

Description: Player carrying trumpet over right shoulder.

Citations: Hickmann, 1946, No. 2, Figure 2; Hickmann, 1961, 74, Abb. 44

IC53 Trumpet on Wall Painting

Find Spot: Tomb No. 90 at Thebes

Date of Illustration: 1496 – 1350BC

Description: Trumpeter blowing instrument in front of a column of soldiers.

Citations: Hickmann, 1946, No. 3, Figure 3; Hickmann, 1961, 74, Abb. 43

IC54 Trumpet on Wall Painting

Find Spot: Tomb of Ahmos, el-Amarna (Tomb 4)

Date of Illustration: 1580-1555 BC I

Description: Trumpeter blowing instrument ahead of four columns of soldiers,

Citations: Hickmann, 1946, No. 4, Figure 4

IC55 Trumpet on Wall Painting

Find Spot: Tomb of Huya, el-Amarna (Tomb 1)

Date of Illustration: ca. 1330BC I

Description: Two trumpeters, one kneeling, with trumpet in hand, other standing and blowing instrument during triumphal march.

Citations: Hickmann, 1946, No. 5, Figure 5

IC56 Trumpeters on Wall Painting

Find Spot: Tomb of Haremheb

Date of Illustration: Time of Thoutmes IV, between 1309 and 1308 BC

Description: Trumpeter blowing instrument ahead of group of soldiers.

Citations: Hickmann, 1946, No. 6, Figure 6

IC57 Trumpeter on Wall Painting

Find Spot: Tomb of Haremheb

Date of Illustration: Time of Thoutmes IV

Description: Trumpeter blowing instrument behind a group of Nubians.

Citations: Hickmann, 1946, No. 7, Figure 7

IC58 Trumpeter on Wall Painting

Find Spot: Temple at Luxor, Scene 191 and 192

Description: Trumpeter blowing instrument alongside group clapping hands,

Citations: Hickmann, 1946, No. 8, Figure 8; Hickmann, 1961, 122, Abb. 90

IC59 Trumpeter on Wall Painting

Find Spot: Temple of Luxor, Scene 199 and 200

Description: Player blowing trumpet along with a group of soldiers returning to Karnak.

Citations: Hickmann, 1946, No. 8b, Figure 9

IC60 Trumpeter on Wall Painting

Description: Trumpeter following a group of soldiers blowing instruments, carrying instrument or wooden stopper under left arm. Detail from the battle of Qadech.

Citations: Hickmann, 1946, No. 9, Figure 10

IC61 Trumpeter on Wall Painting

Find Spot: Abu Simbel

Date of Illustration: ca. 1286 BC I

Description: Trumpeter, following group of soldiers blowing instrument.

Citations: Hickmann, 1946, No. 10, Figure 11

IC62 Trumpeter on Wall Painting

Find Spot: Temple of Rameses II

Date of Illustration: ca, 1286 BC

Description: Trumpeter blowing instrument ahead of group of soldiers.

Citations: Hickmann, 1946, No. 11, Figure 12

IC63 Trumpeters on Wall Painting

Date of Illustration: 1182-1151 BC

Description: Two trumpeters, one bending over with trumpet in left hand, other upright blowing trumpet, with trumpet ? or stopper under left arm.

Citations: Mickmann, 1946, No. 12a, Figure 13

IC64 Trumpeter on Wall Painting

Date of Illustration: 1200-1090BC

Description: Two trumpeters, one bending forward with trumpet ? in hand, other standing up-right to rear and blowing trumpet.

Citations: Hickmann, 1946, No. 12b, Figure 14

IC65 Trumpeter on Wall Painting

Date of Illustration: 1200-1090BC

Description: Trumpeter blowing trumpet ahead of group of soldiers. Possible second trumpet or stopper under right arm.

Citations: Hickmann, 1946, No. 11c, Figure 15

IC66 Trumpeter on Wall Painting

Date of Illustration: 1182-1151 BC

Description: Trumpeter blowing trumpet during an assault on the town of Tunip.

Citations: Hickmann, 1946, No. 11d, Figure 16

IC67 Trumpeter on Wall Painting

Date of Illustration: 1182-1151 BC

Description: Two trumpeters, one bending down holding trumpet in left hand, behind him second trumpeter blows instrument, holds stopper ? under left arm. Scene depicts inspection of his horses by Rameses III.

Citations: Hickmann, 1946, No. 11e, Figure 17

IC68 Trumpeter on Wall Painting

Date of Illustration: 1182-1151 BC

Description: Trumpeter blowing instrument with a large number of soldiers. Scene depicts first Libyan war of Rameses III.

Citations: Hickmann, 1946, No. 11f, Figure 18

IC69 Trumpeter and Hand Drummer on Wall Painting

Find Spot: Thebes

Date of Illustration: 1182-1151 BC

Description: Trumpeter blowing instrument with a group of other musicians playing hand drums and castagnets.

Citations: Hickmann, 1946, No. 13, Figure 19; Behn, 1954, Abb. 65

IC70 Archer Blowing Salpinx on Plate

Find Spot: Vulci

Date of Illustration: 6th Century BC

Current Location: British Museum, No. B591

Description: Archer carrying bow and quiver blowing trumpet through a phorbeia. Trumpet is narrow bored with bulbous bell.

Citations: Smith, 1929, Plate 4; Harrison, 1964, Plate 21

IC71 Lituus and Cornu on Gravestone

Find Spot: Capitolino Hill, Rome

Current Location: Lost

Description: Gravestone of M. Iulius Victor ex collegio liticinum cornicinum depicts M.I.V. standing holding lituus and cornu. Original stone lost, present depiction from 17th century illustration.

Citations: Baines, 1976, 61, rig. 6a

IC72 Tuba on Wall Painting

Description: Tuba player blowing instrument. Head and mouthpiece part of instrument damaged.

Citations: Behn, 1954, 131, Abb. 164

IC73 Cornua and Litui on Wall Painting

Find Spot: Tomba Tarquiniesi

Date of Illustration: 4th Century BC

Description: Group of figures on Etruscan wall painting. Two of these carry cornua over left shoulder, instruments of archaic form, one clearly showing flattish mouthpiece. Two other figures carry long lituus-shaped objects over left shoulder. These lack visible mouthpieces but terminate in a pointed end.

Citations: Behn, 1954, Abb. 165; Ducati, 1977, 533, Tav. 259, No. 632

IC74 Salpinx on Black Figure Vase

Date of Illustration: 525-500BC

Current Location: British Museum, No. B590

Description: Greek salpinx player blowing salpinx pointing into air on black figure vase. Said by Beazley to be painted by Psiaz.

Citations: Boardman, 1975, 106, No. 169; Behn, 1954, 117, Abb. 151

IC75 Salpinx on Greek Vase

Find Spot: Vulci

Date of Illustration: ca. 510BC

Current Location: Munich, Antikensammlungen, No. 2423

Description: Greek Salpinx player in group of three figures blowing narrow bored salpinx pointing downwards on a Hydria signed by Hypsis-Amazons.

Citations: Behn, 1954, Abb, 152; Boardman, 1975, 35, No. 43; Beazley, 1956, 30, 1

IC76 Trumpet and Horn on Vase

Description: Two figures, one blowing gently curving single coned tuba instrument, other blowing highly curved animal form horn on a "Unteritalischen Vase."

Citations: Benn, 1954, Abb. 153

IC77 Cornu and Tuba

Date of Illustration: 110 AD

Current Location: Museo Civiltà Romana, Rome

Description: Horn players and trumpeters in an illustration of the triumphant army of Trajan.

Citations: Fleischhauer, 1960, Abb. 1

IC78 Celtic Lituus, Tuba and Highly Curved Horn on Roman Standard

Find Spot: Kastell Niederbieber, Germany

Date of Illustration: 211-217 AD

Current Location: Uriginal in collection of Furst zu Wied. Copy in Kreismuseum Neuwied

Description: Illustration of Caracalla subjugating the lands of the Rhine. Shows Celtic and Germanic trophies which include a Celtic Lituus, a Celtic tuba and a Celtic highly curved horn.

Citations: Dorow, 1827, 67, Tafel 15

IC79 Horn on Sarcophagps Relief

Find Spot: Via Bocca di Leone 17, Rome

Description: Illustration of youthful Triton blowing a shell trumpet.

Citations: Fleischhauer, 1960, 503, Abb. 2

IC80 Carnyx on Frieze

Find Spot: Pergamon

Description: Item generally interpreted as carnyx with very elaborate bull head, depicted behind shields on a frieze in Pergamon.

Citations: Behn, 1954, Abb. 97;

IC81 Lituus and Cornu

Find Spot: Caere

Date of Illustration: 4th/5th Century BC

Current Location: Museo Etrusco Gregoriano, Rome

Description: Four musicians, at the head a cornu player followed by a lituus player and two others with Kithara and Tibia.

Citations: Fleischhauer, 1960, 501; Herbig, 1952, 46, Taf. 1, No. 83, Taf. 108, No. C.83; Giglioli, 1935, 44, Tav. CCXLI

IC82 Instruments ? on Urn

Current: Location Museum in Volterra

Description: Procession of Etruscan magistrates depicted on an urn apparently with accompanying instrumentalists.

Citations: Fleischhauer, 1960, 501; Korte, 1916, 102; Nogara, 1933, 238

IC83 Instruments ? on Urn

Current Location: Museo Archeol. in Florence, Inv. No. 5513

Description: Etruscan instruments depicted on urn.

Citations: Fleischhauer, 1960, 501; Korte, 1916, 102; Nogara, 1933, 238

IC84 Cornua on Urn

Current Location: Museo di Volterra, Urn No. 169

Description: Two cornu players leading procession along with two others with objects over left shoulder (possibly instruments). Scene depicts a funeral cortege in the form of a triumphal procession. On an alabaster urn.

Citations: Fleischhauer, 1960, 501; Korte, 1916, 102; Nogara, 1933, 238, Figure 129

IC85 Carnyx on Coin

Description: Coin with head facing right and vertical carnyx behind this.

Citations: Behn, 1954, Abb. 190, No. 1

IC86 Carnyx on Coin

Description: Head facing right, behind this vertical carnyx.

Citations: Behn, 1954, Abb. 190, No. 2

IC87 Carnyx on Coin

Description: Mounted horseman facing right carrying carnyx with hooked bell over right shoulder.

Citations: Behn, 1954, Abb. 190, No. 4

IC88 Carnyx and Tuba on Carving

Find Spot: Trajan's Column

Description: Well illustrated carnyx with animal head and gaping mouth with other trophies on Trajan's column. Beneath this what appears to be representation of tuba.

Citations: Behn, 1954, Abb. 187

IC89 Cornu on Wall Painting

Find Spot: Amphitheatre at Herculaneum

Date of Illustration: Prior to 79 AD

Description: Illustration of Cornu player holding large cornu over right shoulder standing alongside other figure. Said to be preparations for a gladiatorial contest.

Citations: Collaer, 1968, 28, No. 117

IC90 Salpinx Players on Frieze

Find Spot: Tomb at Kazanlik, Bulgaria

Date of Illustration: ca. 280BC

Description: Two trumpeters blowing Salpinges on frieze showing scene of Thracian funeral.

Citations: Zhivkova, 1975; Venedikov, 1974

IC91 Trumpet on Wall Painting

Find Spot: Tomb at Thebes

Description: Illustration of two Egyptian trumpeters at Thebes.

Citations: Kirby, 1947, 37

IC92 Cornu and Tuba

Date of Illustration: Either 251-253 AD or 268-270 AD

Current Location: Thermen Museum, Rome, Collezione Ludovisi
Description: Battle scene on sarcophagus at top right hand corner cornu player blowing instrument, top left hand corner tuba player blowing instrument.

Citations: Mommsen, 1955, 128; Strong, 1926, 326, Figure 200; Aurigemma, 1954, 101, Tav. LXXIV No. 239

IC93 Cornu and Tuba

Description: Most probably same illustration as IC 92.

Citations: Fleischhauer, 1960, 503;

IC94 Trumpet on Amphora-Rhyton

Find Spot: Lukovet, Bulgaria

Date of Illustration: 4th to 3rd century BC

Description: Representation of a trumpeter on a Thracian Amphora-Rhyton.

Citations: None known

IC 95 Salpinx on eye-Cup

Date of Illustration: 527-514 BC

Description: Archer blowing salpinx on an eye cup by the Andokides Painter.

Citations: Boardman, 1975, 105, 115, No. 160, 1 and 2

IC96 Horn on Black Figure Cup

Find Spot: Nola

Date of Illustration: 575 - 555 BC

Current Location: British Museum, No. B382

Description: Animal shaped horns with definable mouthpieces hanging on a wall in a scene on a cup. Painted by the C painter of the Siana cup painter school.

Citations: Boardman, 1975, No. 36; Beazley, 1956, 51, No. 5

IC97 Salpinx on Cup

Date of Illustration: 520-490BC

Current Location: British Museum, No. E5

Description: Illustration of a Satyr blowing a Salpinx on an Athenian Red-figure cup signed by Epiktetos H.

Citations: Boardman, 1975, 57, No. 66; Beazley, 1963, 70, No. 3

IC98 Triton on Cup

Find Spot: Vulci

Date of Illustration: Before 510BC

Current Location: Castle Ashby

Description: Player armed with spear blowing shell trumpet on cup by the Nikosthenes painter.

Citations: Boardman, 1975, 60, No. 93, 1; Beazley, 1963, 124, no. 7

IC99 Lituus and Tuba on Stele

Find Spot: Vele Cecina

Date of Illustration: Probably 5th century BC

Description: Several instrument players on rather worn stone, lituus player on top reasonably clear, players on bottom probably tuba players.

Citations: Ducati, 1927, 356, Tav. 155, No. 403

IC100 Animal Horn on Sarcophagus?

Description: Horn player with animal horn instrument in a procession.

Citations: Ducati, 1927, 552, Tav. 275, No. 664

IC101 Triton on Fresco

Find Spot: Glyptothec, Monaco

Description: Illustration of a player blowing a Triton shell at the marriage of Posidone e Anfitrite.

Citations: Strong, 1926, 10, Figure 5

IC102 Tuba on Frieze

Current Location: Budapest Museum

Description: Fragment of a carving showing a tuba player with several other figures, one of whom is playing a lyre. Part of a frieze commemorating the battle of Azio.

Citations: Strong, 1926, 14, Figure 7; Ammelung, 1903, 65, No. 22

IC103 Cornua on Carving

Find Spot: Arch of Constantine

Date of Illustration: ca. 80 AD

Description: Three, or possibly four, cornu players playing in a battle scene on the Arch of Constantine.

Citations: Strong, 1926, Figure 90

IC104 Cornua on Carving

Find Spot: Trajan's Column, Scene 5

Description: Two cornu players at rear of scene on Trajan's column. Instruments have extended cross-braces with lunate end-pieces.

Citations: Strong, 1926, 159, Figure 98; Behn, 1954, Abb. 177; Lehmann-Hartleben, 1926, Taf. 26

IC105 Cornu and Tuba

Find Spot: Trajan's Column

Date of Illustration: ca. 110 AD

Description: Cornu player blowing instrument behind tuba player blowing a very short instrument, probably rest of instrument having broken off.

Citations: Strong, 1926, 178, Figure 105; Ryberg, 1955, 111, Figure 57, Plate XXXVIII

IC106 Cornua

Find Spot Column of Marcus Aurelius 5

Date of Illustration: 169-172AD

Description: Two cornu players at rear of group of soldiers crossing bridge.

Citations: Strong, 1926, 267, Figure 168

IC107 Tuba ? on Carving

Find Spot: Arch of Constantine

Description: Tuba player on battle scene on Arch of Constantine.

Citations Strong, 1926, 144, Figure 89

IC108 Cornua and Tubae

Find Spot: Trajan's Column

Date of Illustration: Before 110 AD

Description: Three cornu players and three tuba players playing during the preparations for a sacrifice.

Citations: Strong, 1926, 161, Figure 99; Ryberg, 1955, 109, Figure 55, Plate XXXVI; Lehmann-Hartleben, 1926, Plate VII

IC109 Carnyces on Carving

Find Spot: Triumphal Arch at Orange

Date of Illustration: 197-159BC

Description: Carnyces depicted among other trophies on triumphal arch. Instruments generally grouped in threes.

Citations: Powell, 1948, 267, Figure 50

IC110 Tuba on Carving

Find Spot: Arch of Constantine

Date of Illustration: 306-350AD

Description: Tuba player blowing short instrument in battle scene.

Citations: Strong, 1926, 336, fig, 206

IC111 Carnyces on Sarcophagus

Find Spot: Room & of baths of Diocletian, Rome

Date of Illustration: Last quarter of 2nd Century AD

Description: Carnyces displayed as trophies on right of battle scene.

Citations: Aurigemma, 1954, 26, Tav. XV

IC112 Tuba on Sarcophagus

Find Spot: Room 6 of baths of Diocletian, Rome

Date of Illustration: ca. 200 AD

Description Tuba player blowing short instrument in battle scene on sarcophagus.

Citations: Aurigemma, 1954, 37, Tav. XVII

IC113 Tuba on Sarcophagus

Description: Tuba player blowing instrument to rear of scene with Achilles and Licomedes.

Citations: Aurigemma, 1954, 37, Tav. XVII

IC114 Tuba ? on Sarcophagus

Find Spot: Toscania

Current Location: Museo Vat. Etrusco

Description: Etruscan procession with two figures carrying ? tubae. These could be carrying fasces and not tubae.

Citations: Nogara, 1933, 66, Figure 27; Herbig, 1952, 45, Taf. 43, No. 81

IC115 Cornu on Sarcophagus

Find Spot: Vulci

Current Location: Boston Museum

Description: Cornu player carrying instrument over right shoulder, among group of figures on Etruscan sarcophagus.

Citations: Nogara, 1933, 89, Figure 41; Herbig, 1952, 13, Taf. 40b and c, No. 5

IC116 Cornu on Wall Painting

Find Spot: Tomba di Tarquinia detta del Tifone

Description: Fragment of wall painting with small portion of cornu remaining.

Citations: Nogara, 1933, 232, Figure 123

IC117 Lituus on Cist

Find Spot: Praeneste (Palestrina)

Date of Illustration: 5th Century BC

Current Location: Museum in Berlin

Description: Lituus held over right shoulder of soldier. Incised on bronze cist.

Citations: Giglioli, 1935, 54, Tav. CCXCIV and CCXCIII; Ryberg, 1955, 20, Figure 13, Plate vi

IC118 Lituus/Tuba ? on Carving

Find Spot: Rome

Date of Illustration: Late republican, probably ca. 50BC

Current Location: Capitoline Museum, Rome

Description: Procession with two players blowing instruments, probably both tubae (Professor Ryberg says Litui) taking part in triumphal procession, depicted on Travertine fragments.

Citations: Ryberg, 1955, 36, Figure 19a

IC119 Tubae on Relief

Find Spot: Palazzo Cancelleria

Date of Illustration: ca. 50 AD

Description: Relief showing sacrificial scene with three tuba players blowing instruments into the air. One of instruments is shorter, possibly artistic licence.

Citations: Ryberg, 1955, 75, Figure 37a, Plate XXIII

IC120 Cornua and Tubae on Frieze

Find Spot: Tomb of the Servir C. Lusius Storax in Chieti

Date of Illustration: 50-74 AD

Current Location: Museo Nazionale, Rome ,

Description: Three cornu players on right and three tuba players on left blowing instrument upwards on scene from the Ludi of a Servir. on pediment of a tomb.

Citations: Ryberg, 1955, 98, Figure 47, Plate XXXI

IC121 Tuba on Relief

Find Spot: Amiternum

Date of Illustration: Early Flavian period, ca. 74 AD

Current Location: Museo Nazionale, Rome

Description: Tuba player blowing very long straight instrument held pointing downwards in a scene depicting a pomper and the ludi.

Citations: Ryberg, 1955, 99, Figure 48b, Plate XXXII

IC122 Lituus on Relief

Find Spot: Isernia

Description: Poor illustration of a lituus on a relief of the Suovetaurilia.

Citations: Ryberg, 1955, 35, Figure 18

IC125 Tuba on Relief

Find Spot: Necropolis Marritima, Pompeii

Date of Illustration: Before 79 AD

Description: Three tuba players in a procession on a relief from the Necropolis Marritima, Pompeii.

Citations: Ryberg, 1955, 101, Figure 50a.

IC124 Cornua and Tubae on Relief

Find Spot: Arch of Susa

Date of Illustration: 9 or 8 BC

Description: Two cornu and two tuba players taking part in Suovetaurilia commemorating treaty with the Gauls.

Citations: Ryberg, 1955, 104, fig, 52a and c, Plate XXXIV

IC125 Tubae on Relief

Find Spot: Trajan's column, scene LIII

Date of Illustration: Before 110 AD

Description: Group of three tuba players on Trajan's Column in scene depicting Lustration of the camp.

Citations: Ryberg, 1955, 111, Figure 56, Plate XXXVII; Lehmann-Hartleben, 1926, Taf. 26;

IC126 Cornu on Relief

Find Spot: Column of Marcus Aurelius

Date of Illustration: 161-181AD

Description: Cornu player with instrument over right shoulder standing with group of other troupes.

Citations: Ryberg, 1955, 114, Figure 58, Plate XXXIX

IC127 Tuba on Relief

Find Spot: Temple of Appollo, Rome

Date of Illustration: ca. 54 BC

Current Location: Museo dei Conservatori Rome

Description: A single tuba player blowing instrument which is slightly obscured by one attendant about to lift a ferculum carrying two captives.

Citations: Ryberg, 1955, 144, Figure 78, a, b, c, d; Masson, 1975, 125, fig, 99

IC128 Cornua on Relief

Find Spot: Trajan's column, scene C11

Date of Illustration: Before 110 AD

Description: Heads and instrument of two cornu players in scene representing arrival of Trajan at a Roman fortified outpost north of the Danube. Probably during winter of 105-106 AD.

Citations: Ryberg, 1955, 125, Figure 65, Plate XLII1; Lehmann-Hartleben, Taf. 47

IC129 Tuba on Relief

Find Spot: Ephesus

Date of Illustration: Probably ca. 133 AD

Current Location: Kunsthistorisches Museum Vienna

Description: A single tuba player blowing an instrument at a sacrifice with tibia player slightly in front. Probably a vota publica on a scene from one of the ensemble of Antonine reliefs found at Ephesus.

Citations: Ryberg, 1955, 133, Figure 72b

IC130 Conch Shell on Sarcophagus

Find Spot: Tarquinia

Description: Etruscan warrior blowing conch shell in battle scene on a sarcophagus from Tarquinia.

Citations: Herbig, 1952, 62, Taf. 27, No. 119

IC131 Tuba on Sarcophagus

Find Spot: Tarquinia

Current Location: Florence

Description: Tuba player on left in battle scene on Etruscan sarcophagus from Tarquinia.

Citations: Herbig, 1952, 26, Taf. 43b, No. 26

IC132 Tuba on Sarcophagus

Find Spot: Viterbo

Description: Tuba player in battle scene on Etruscan sarcophagus from Viterbo.

Citations: Herbig, 1952, 76, Taf. 57c and 58c, No. 196

IC133 Cornu on Sarcophagus

Current: Location British Museum

Description: Cornu player with instrument over shoulder on Etruscan sarcophagus.

IC134 Cornu Player on Sarcophagus

Find Spot: Vulci

Description: Two cornu players in procession on Etruscan sarcophagus.

Citations: Herbig, 1952, 39, Figure 71b, Taf. 109b

IC135 Cornua on Wall Carving

Find Spot: Tomba dei Relievi in Caere

Date of Illustration: 3rd Century BC

Description: Two cornua of archaic form carved on either side of doorway in tomba dei relievi.

Citations: Giglioli, 1935, Tav. CCCXLI

IC136 Tuba on Sarcophagus

Find Spot: Tarquinia

Current Location: Mus. Arch. Firenze

Description: Single tuba player on left of battle scene on Etruscan sarcophagus.

Citations: Giglioli, 1935, 67, Tav. CCCLI

IC137 Cornu on Wall Painting

Find Spot: Tomba del Tifone

Description: Badly damaged Etruscan painting showing two cornu players in a group of other people.

Citations: Giglioli, 1935, 72, Tav. CCCLXXXIX

IC138 Carnyx on Coin

Date of Illustration: 54-44 BC q

Current Location: British Museum

Description: Trophies displayed above Gaulish captive. On right above him is vertical carnyx. Reverse has inscription Caesar.

Citations: Powell, 1948, 256, Figure 5b; Masson, 1973, 145, Figure 110

IC139 Carnyx on Coin

Date of Illustration: 279-168BC

Current Location: British Museum

Description: Tetradrachm of Aetolia, Reverse represents Aetolia seated on a pile of Celtic and Macedonian shields. At her feet lies a carnyx with bell mouth pointing upwards.

Citations: Powell, 1948, 265, Figure 47; British Museum, Principal coins of the Greeks, Plate 36, No. 14

IC140 Trumpeter on Wall Painting

Find Spot: Marisa, Israel

Date of Illustration: 2nd Century BC

Description: Trumpeter blowing long single coned tuba in hunting scene. On wall painting in tomb at Marisa.

Citations: Peters & Thiersch, 1904, 60

IC141 Carnyx on Coin

Date of Illustration: 112-109BC

Description: Warrior on chariot with carnyx held vertically in one hand and spear in other.

Citations: Piggott, 1952; Powell, 1948, 266, Figure 47b

IC142 Double Curved Tuba on Gravestone

Find Spot: Bonn, Germany

Current Location: Bonn

Description: Realistic carving of a double curved instrument somewhat similar in form to a modern trombone. Has protective spike on protruding curve of instrument.

Citations: Behn, 1954, Abb. 179; Klar, 1971, Abb. 8

IC143 Cornu on Gravestone

Find Spot: Mantua

Description: Cornu held in left hand of figure with mouthpiece/mouthpipe in right hand, standing on gravestone of Coponius Felicio.

Citations: Behn, 1954, 139, Abb. 176

IC144 Tuba on Gravestone

Description: Highly conical long tuba held by figure on gravestone from Chersones.

Citations: Behn, 1954, Abb. 172

IC145 Horn on Bronze Plate

Find Spot: Temple of Barateka, Este, Italy

Date of Illustration: Pre-Roman

Description: Horn blown by warrior carrying shield on bronze plate from Este.

Citations: Behn, 1954, 129, Abb. 167

IC146 Horn on Wall Painting

Find Spot: Sardinia

Date of Illustration: Pre-Roman

Description: horn blown by man on wall painting.

Citations: Behn, 1954

IC147 Horn on Dish

Description: Horn illustrated on Sassanian dish.

Citations: Behn, 1954, 77

IC148 Horn on Frieze

Find Spot: Narbonne T

Description: Horn illustrated on frieze at Narbonne apparently similar to those of "dying Gaul" (SR 16) and Celtic curved horn from Niece (SD223)

Citations: Behn, 1954, 143

IC149 Shofar on Marble Slab

Find Spot: Necropolis at Beth She'arim, Israel

Date of Illustration: Probably about 200 AD

Description: Illustration of shofar among temple objects in a necropolis at Beth She'arim, Shows shofar alongside an assemblage of Jewish emblems representing ritual objects and containing a Greek epigram.

Citations: Archaeological Discoveries in the Holy Land. 1968, 182

IC150 Horn on Frieze

Find Spot: Osuna

Date of Illustration: ca. 60AD

Current Location: Museo Arqueologico Nacional, Madrid

Description: Illustration of a young mounted rider holding a horn on a frieze from Osuna in Caesar's province of Further Spain.

Citations: Masson, 1973, 134, Figure 105;

IC151 Horn on Mosaic

Find Spot: Palazzo Baronale Palestrina

Date of Illustration: 1st Century AD

Description: Player blowing large curved animal horn with prominent bell disc, ahead of a file of soldiers standing in front of a temple by the Nile, probably at Memphis.

Citations: Masson, 1973, 177, Figure 123

IC152 Trumpet on Relief

Find Spot: Grave of the Kegemni, Saqqara, Egypt

Date of Illustration: ca. 2500BC

Description: Scene showing boat in a sacrificial procession crossing the Nile top of which is damaged. Trumpeter blowing instrument but only bell end of this visible. Said by Hickmann to be the earliest Egyptian illustration of a trumpet.

Citations: Hickmann, 1961, 40, Abb. 18

IC153 Tuba

Date of Illustration: 1st Century AD

Current Location: Vatican Museum

Description: Tuba player in state sacrificial procession.

Citations: Baines, 1976, 55

IC154 Chatzotzerah on Mural

Find Spot: Synagogue of Dura-Europos

Date of Illustration: ca. 250AD

Current Location: National Museum, Damascus

Description: Illustration of chatzotzerah being blown in mural on synagogue of Dura-Europos.

Citations: Baines, 1976, 55, Figure 5f

IC155 Tuba on Stele

Date of Illustration: ca. 2500BC

Description: Scene on Stele showing soldier carrying long single cone tuba and Naram-Sin, King of Accad. Instrument has long slim form with slightly flared bell.

Citations: Gonen, 1975, 50;

IC156 Horn on Carving

Date of Illustration: Possibly ca. 700BC

Description: Illustration of a soldier blowing an animal shaped horn during a siege by Sargon, King of Assyria.

Citations: Gonen, 1975, 32;

IC157 Horn on Relief

Current Location: Copenhagen Museum

Description: Relief showing seated figure blowing animal shaped horn on upper part of frieze on Casali-Sarcophagus.

Citations: Mommsen, 1955, 344

IC158 Cornu on Gravestone

Find Spot: Via Salaria, Rome

Current Location: Gallaria Lapidaria, 1370, Vatican Museum

Description: Illustration of cornicen M. Antonius

Ianuaris ex. coh. VII. Shows player blowing cornu.

Citations: Ammelung, 1903, 269, Taf. 28

IC159 Shofar on Carving

Find Spot: Synagogue at Capernaum

Date of Illustration: 1st Century AD I

Description: Representation of a shofar on the capital of a synagogue at Capernaum.

Citations: Wulstan, 1973, 29

IC160 Cornu on Gravestone

Find Spot: Grumentum

Description: Cornu on gravestone of cornicen.

Citations: Fleischhauer, 1960, 502;

IC161 Salpinx on Onos

Description: Illustration of an archer blowing a salpinx pointing downwards on Onos in Eleusis 907 by the Sappho painter.

Citations: Haspels, 1936, 104, Plate 34, 1b

IC162 Salpinx on White Ground Oinochoai

Current Location: British Museum No. B629

Description: Salpinx player on Oinochoai from the workshop of the Athena Painter.

Citations: None known.

IC163 Trumpet on Wall Painting

Find Spot: Thebes

Description: Trumpet player on Egyptian wall painting blowing instrument facing two groups of soldiers one above the other. Lower rank has hand axes and shields upper rank has bows.

Citations: Hickmann, 1945, No. 15, Figure 21

IC164 Trumpet on Wall Painting

Date of Illustration: 212AD

Description: Trumpet player holding instrument standing in front of Osiris.

Citations: Hickmann, 1946, No. 16, Figure 22

IC165 Trumpet on Clay Impression

Find Spot: Northern Temple Nubia, Egypt _

Description: Trumpet player blowing instrument in front of a god,

Citations: Hickmann, 1946, No. 17, Figure 23

IC166 Trumpet

Find Spot: Thebes

Description: Solitary trumpet player.

Citations: Hickmann, 1946, No. 14

IC167 Trumpet on Stele

Description: Stele showing trumpet player Hosity (Player in the court of Ramses II) with long slightly flared single cone tuba under left arm.

Citations: Hickmann, 1961, 122, Abb. 89

IC168 Lur on Rock Carving

Find Spot: Lykke, Tanum, Bohuslan, Sweden

Description: Rock carving showing four lur players.

Citations: Lund, 1977, Figure 5

IC169 Lurs on Rock Carving

Find Spot: Sagaholm

Description: Three lur players on ship

Citations: Lund, 1977, Figure 6

IC170 Lur on Rock Carving

Description: Two lurs in boat

Citations: Lund, 1977, fig, 13; Nordbladh, 1975

IC171 Lur on Rock Carving

Description: Two players blowing pre-lurs standing up in boat.

Citations: Lund, 1977, Figure 14; Nordbladh, 1975, Figure 25

IC172 Lur on Rock Carving

Description: Problematic illustration of man standing in boat holding a straight ? lur.

Citations: Lund, 1977, Figure 15; Nordbladh, 1975, Figure 33

IC173 Lur on Rock Carving

Description: Two lur players on ship.

Citations: Lund, 1977, fig, 16; Nordbladh, 1975, Figure 49

IC174 Lur on Rock Carving

Description: Illustration of lur.

Citations: Lund, 1977; Nordbladh, 1975, Figure 72

IC175 Lur on Rock Carving

Description: Lur on Rock-Carving.

Citations: Lund, 1977; Nordbladh, 1975, Figure 98.

IC176 Lur on Disc

Find Spot: Uppsala

Date of Illustration: Early Iron Age

Description: Player blowing early Iron Age lur on circular disc made of glassy material.

Citations: Lund, 1977, 2, Figure 1; Lund, 1977, Nordisk Musikarkeologi 62

IC177 Horn on Dish

Find Spot: Mazanderan, Iran

Date of Illustration: Late 7th Century AD

Current Location: British Museum

Description: Figure blowing horn with parallel tube and upturned bell having appearance of bark trumpet. On silver dish from Mazanderan.

Citations: Smirnov, 1909, Plate XXXVII; Dalton, 1964, 66, No. 221, Plate XXXIX; Kent, 1977, 150, No. 316.

IC178 Lur on Rock Carving

Find Spot: Kalleby, Tanum, Sweden

Description: Three lur players blowing lurs all point in same direction and cut across old carvings of ship.

Citations: None known.

IC179 Lur on Rock Carving

Find Spot: Engelstrup, ods herred

Current: Location National Museum Copenhagen

Description: Two lurs with bell discs played on ship. On small rock.

Citations: Glob, 1969, Figure 10a and b.

IC180 Lur on Rock Carving

Current Location: National Museum Copenhagen

Description: Carving on small rock in national Museum Copenhagen, showing two lurs with bell discs in side view on ships.

Citations: None known.

IC181 Salpinx on Cup

Current Location: Metropolitan Museum, New York

Description: A mantle-clad salpinx player carrying a spear, illustrated on the New York cup.

Citations: Smith, 1929, Figure B, C

IC182 Salpinx on Black Figured Plate

Current Location: British Museum, No. B590

Description: Illustration of a hoplite blowing a salpinx on a black figured plate.

Citations: Smith, 1929, Figure E

IC183 Lur on Rock Carving

Find Spot: Jaegersborg, Dyrehave, Nordsjaelland No. 15

Description: Rock-carving showing two lurs on ship with bell discs, one in side view, one in front view.

Citations: Glob, 1969, Figure 14.

IC184 Lur on Rock Carving

Find Spot: Blåholt, Bornholm, No. 55

Description: Lur player standing on ship blowing pre-lur. Was probably other player on ship previously.

Citations: Glob, 1969, Figure 26.

IC185 Lur on Rock Carving

Find Spot: Hjels Sondermark

Description: Rock-carving showing man standing possibly blowing pre lur, however, also possible that this is representation of a man holding both arms in air but one arm now obliterated.

Citations: Glob, 1969, Figure 104

IC186 Lurs on Rock Carving

Find Spot: Slange-Fossumtorp, Bohuslan

Description: Illustration of two players on boat with large single curved instruments.

Citations: Glob, 1969, Figure 195

IC187 Lur on Rock-Carving

Find Spot: Hvarlos, Bohuslan

Description: Illustration of two lurs on ship in end View showing bell discs.

Citations: Glob, 1969, Figure 197.

IC188 Carnyx on Coin

Date of Illustration: 1st Century AD

Description: Two carnyces among other trophies on Roman coin issued by Julius Caesar to commemorate his victories in Gaul and Britain.

Citations: Evans, 1864, 192

IC189 Carnyx on Coin

Description: Horseman galloping brandishing carnyx in right hand on coin of Tasc(iovanus).

Citations: Evans, 1864, 251, Plate V, No. 10

IC190 Carnyx on Coin

Description: Horseman galloping brandishing carnyx in right hand of coin of Task(iovanus).

Citations: Evans, 1864, 233, Plate V, No. 12

IC191 Horn on Coin

Description: Centaur blowing horn on Romano-British ' Coin with inscription Rev. "Tasciovani" obv. "Cunobelini".

Citations: Evans, 1864, 326, Plate XII, No. 1

IC192 Shell Trumpet on Relief

Find Spot: Bharahat

Date of Illustration: 2nd Century BC

Description: An end blown shell trumpet with a mouthpiece being blown by an ape on one of the reliefs of the Bharahat.

Citations: Sachs, 1940, 156

IC193 Animal Horn

Find Spot: Palace at Thebes

Description: Illustration of an animal horn instrument on the Palace at Thebes.

Citations: Hickmann, 1961, 161

IC194 Chatzotzerot on Coins

Date of Illustration: 132-135 AD

Description: Illustration of two Hazotzerot on Bar Kokba coins shows single coned instrument with mouthpiece.

Citations: Sendrey, 1969, 64, Illus. Nos. 30 and 31

IC195 Celtic Curved Horn on Frieze

Find Spot: Narbonne

Description: Illustration of Celtic curved horn on frieze at Narbonne.

Citations: None known.

IC196 A Cornu on Carving

Find Spot: Trajan's column

Date of Illustration: ca. 110 AD

Description: Cornu player on scene XXVI of Trajan's column.

Citations: Lehmann-Hartleben, 1926, Taf. 15

IC197 Cornu on Carving

Find Spot: Trajan's column

Date of Illustration: ca. 110 AD

Description: Two cornu players on scene LXI of Trajan's column

Citations: Lehmann-Hartleben, 1926, Taf. 29

IC198 Cornu on Carving

Find Spot: Trajan's column

Date of Illustration: ca. 110 AD

Description: One, possibly two cornu players on scene CXXIII of Trajan's column.

Citations: Lehmann-Hartleben, 1926, Taf. 58

IC199 Cornu on Carving

Find Spot: Trajan's Column

Date of Illustration: ca. 110 AD

Description: Cornu on scene CXI of Trajan's column.

Citations: Lehmann-Hartleben, 1926, Taf. 51.

IC200 Cornua on Carving

Find Spot: Trajan's column

Date of Illustration: ca. 110 AD

Description: Three cornua on scene CVIII of Trajan's column.

Citations: Lehmann-Hartleben, 1926, Taf. 50

IC201 Carnyces and Tuba on Carving

Find Spot: Trajan's column

Date of Illustration: ca. 110 AD

Description: Illustration of carnyces and tuba on base of Trajan's column.

Citations: Lehmann-Hartleben, 1926, Abb. 1

IC202 Lur on Rock Carving

Find Spot: Vitlykke, Sweden

Description: Rock-Carving of a player blowing an early single curved lur at Vitlykke, Sweden.

Citations: None known.

IC203 lur on Rock Carving

Find Spot: Vitlykke, Sweden

Description: Representations of lur players on ships,

Citations: None known

SPECIMEN DETAIL

These details are also provided on my web site <http://www.hornandtrumpet.com>, along with images where possible.

IRISH BRONZE-AGE HORNS

BASED ON CATALOGUE FROM COLES (1963)

Museums: N.M.I. : National Museum of Ireland, Dublin

B.M. : British Museum, London

SD1 Co. Antrim (1)

N.M.I. 1932: 6150. Ann Rep. N.M.I. 1931-2, Plate M, 2. I end-blow. Plain bell, ribs on tube, ribs at end, loop.

SD2 Battle, Sussex, England (1)

Lost. E.C. Curwen, The Archaeology of Sussex, 1954, Figure 65mn I end-blow with cast-on mouth tube. Grouped ribs and one loop on tube; ribs, zigzags and domes at bell.

SD3 Booleybrien, Co. Clare (1)

N.M.I. 1931: 220 (with 1931: 221-40)

II end blow. 4 cones and 4 holes at end, 4 cones at bell.

Assoc. 2 soc. axes, sword hilt, 2 rings, 11 links with bands, sunflower pin.

SD4A Near Clogh Oughter Castle, Corracanvy, Co. Cavan (3)

N.M.I. w6. McWnite, 100, p. xvi, 3; Wilde, 1861, 626,629,634

I end-blow. Grouped ribs and domes on tubes, zigzag grooves and domes at bell (cf.1)

SD4B Near Clogh Oughter Castle, Corracanvy, Co. Cavan (3)

N.M.I. W13. MacWhite, 100, Plate xvi, 2.

I side blow. Loop at end, loop near end, 12 small cones at bell replacing original 10, rope moulding at bell.

SD4C Near Clogh Oughter Castle, Corracanby, Co. Cavan (3)

N.M.I. W14. MacWhite, 100

I (bell only). 10 cones and rope moulding at bell.

SD5A Carrickfergus, (near), Co. Antrim. (3 of this kind).

Lost. Ulster J. Arch., VIII (1860), 101, pl.2, l.

Dublin Penny Journal, 1833-4, 27

I side-blow. Grooves and zigzags at bell, loops and rings (i.e.. like 16C and 16D).

SD6A Carrigogunnel, Co. Limerick (3)

N.M.I. W3. MacWhite, 101, Plate xvi, 8.

II end-blow. 6 cones at bell, 4 cones and 4 holes at end (cf.26)

SD6B Carrigogunnel, Co. Limerick (3)

N.M.I. W4. Macwhite, 101, Plate xvi, 9.

II end-blow, 4 cones and 4 holes at end, bell missing.

SD6C Carrigogunnel, Co. Limerick (3)

II tube, 4 holes each end, ribs or grooves and cones at end, ribs and cones at centre with loop, collar repair.

6A and 6C form one instrument.

SD6D Carrigogunnel, Co. Limerick (3)

Lost: Ousley, T.R.I.A. 2, 1788, 3-6.

Claimed to be II side-blow.

SD7A Chute Hall, Co. Kerry (6)

N.M.I. 1887: 36. MacWhite, Plate xv, I; Day, 1875, 425.

II end-blow, 4 cones and 4 holes at bell, and at end.

SD7B Chute Hall, Co. Kerry (6)

N.M.I. 1886: 35. Macwhite, Plate xv, 2.

II side-blow. 6 cones and 5 holes at bell, end repaired,

SD7C Chute Hell, Co. Kerry (6)

N.M.I. 1886: 39. MacWhite, Plate xv, 3.

II end-blow. 6 cones and 4 holes at bell, 4 cones and 4 holes at end.

SD7D Chute Hall, Co. Kerry (6)

N.M.I. 1886: 40. Macwhite, Plate xv, 4.

II tube, Ribs and loop at centre, ribs and cones at ends.

7D and 7E form one instrument.

SD7E Chute Hall, Co. Kerry (6)

N.M.I. 1886: 37. Macwhite, Plate xv, 4.

II end-blow. 4 cones and holes at end.

SD7F Chute Hall, Co. Kerry (6)

N.M.I. 1886: 38. Macwhite, Plate xv, 5.

II end-blow, 10 cones at bell, 6 cones and 4 holes at end.

SD7G Chute Hall, Co. Kerry (6)

N.M.I. 1886: 34. Macwhite, Plate xv, 5.

II end-blow. 10 cones at bell, 6 cones and 4 holes at end.

SD7G Chute Hall, Co. Kerry (6)

N.M.I. 1886: 34. Macwhite, Plate xv, 6.

II side-blow. 4 cones and 4 holes at bell, 2 loops, with rings.

SD8 Clough, Co. Antrim (1)

Ulster Museum, 470-1927

I side-blow. Grooves and zigzags at bell.

SD9A Between Cork and Mallow (15 or 16)

Cotelhele House, The Earl of Mount Edgumbe collection

Vetusta Monumenta II, 1789, Plate XX, Figure V; Ulster J. Arch. , VIII, 1860, 101, Plate ii, 2. II side-blow. Probably 6 cones and 4 holes at bell, 2 loops.

SD9B Between Cork and Mallow (15 or 16)

Lost. Vetusta Mon. op. cit. Figure iii; Ulster J. Arch. op.cit. 3a right.

II end-blow. Probably 6 cones and 4 holes at bell, 4 cones and holes at end.

SD9C Between Cork and Mallow (15 or 16)

Cotelhele House, The Earl of Mount Edgumbe collection

Vetusta Mon. op. cit. Figure iv; Ulster J. Arch. op. cit. 3a left.

II end-blow. 6 large cones at bell, 4 cones and ? holes at end.

SD9E Between Cork and Mallow (15 or 16)

Cotelhele House, The Earl of Mount Edgumbe collection

Vetusta Mon. op. cit. Figure iv; Ulster J. Arch. op cit. 3a left

II end-blow, 4 small cones.

SD10 Co. Cork (1)

Lost. Dublin Penny Journal, 1833-4, 28.

Side-blow

SD11A ?Co. Cork (2)

N.M.I. 1062: 1888. MacWhite, Plate xvi, 5; Coffey, 1913, 87.

II end-blow. 6 cones and 4M holes at bell, 4 cones and holes at end.

SD11B ?Co. Cork

N.M.I. 1063: 1888. Macwhite, Plate xvi, 4.

II end-blow, 6 cones at bell, 4 cones and holes at end.

SD12 Crookstown, Co. Cork (1)

Lost. Day 1875, 424

Probably II end-blow

SD13 Derrynane, Co. Kerry (I)

N.M.I. W12. MacWhite, Plate xvii, 2; Evans, 1881, Figure 443

II side-blow. 6 cones and 5 holes at bell, collar repair at end, ring on loops.

SD14 Dowris, Whigsborough, Co. Offaly (24)

N.M.I.: B.M. J.R.S.A.I. 54 (1924) 14; Armstrong, 134-42, Plate iii; B.M. 1920, 105-7, Plate viii; Kemble, 1863 Plate xiii; Macwhite, 101-3, Figure 8.

Assoc. tools and weapons, crotals, beaten bronze buckets and cauldrons.

SD14A Dowris, Whigsborough, Co. Offaly (24)

B.M. 83, 2-18, 2.

I end-blow. Three holes at bell (two filled with metal including one spike) loop on tube, rib at end.

SD14B Dowris, Whigsborough, Co. Offaly (24)

B.M. 54, 7-14, 176

II end-blow, 4 holes at end, no cones.

SD14C Dowris, Whigsborough, Co. Offaly (24)

N.M.I. SA 57. 1A Armstrong, Figure 1, 1.

I side-blow. Spikes at bell, broken at mouth-hole.

SD14D Dowris, Whigsborough, Co. Offaly (24)

N.M.I. SA 57. 1.A. no. 2. Armstrong, Figure 1,2.

I end blow. 4 spikes at bell, ribs on tube, loop, repaired.

SD14E Dowris, Whigsborough, Co. Offaly (24)

N.M.I. SA.57, 1.A. no. 4. Armstrong, Figure 1, 3.

EI end-blow. Spikes at bell, loop and domes on tube, collar at end.

SD14F Dowris, Whigsborough, Co. Offaly (24)

N.M.I. SA 57, 1. A. no. 3. Armstrong, Figure 1, 4.

I end-blow. Spikes at bell, 4 domes along each side of tube, ribs and loop on tube.

SD14G Dowris, Whigsborough, Co. Offaly (24)

N.M.I. SA 57. 1.A. Armstrong, Figure 1,5. .

I side-blow. 4 spikes at bell, 2 loops, collar at end.

SD14H Dowris, Whigsborough, Co. Offaly (24)

N.M.I. SA 57. 1.A. Armstrong, Figure 1,6.

II end-blow. 6 cones at bell, probably 3 holes at end originally.

SD14G Dowris, Whigsborough, Co. Offaly (24)

N.M.I. SA 57. 1.A. Armstrong, Figure 1,5.

I side-blow. 4 spikes at bell, 2 loops, collar at end.

SD14H Dowris, Whigsborough, Co. Offaly (24)

N.M.I. SA 57. 1.A. Armstrong, Figure 1.6.

II end-blow. 6 cones at bell, probably 3 holes at end originally.

SD14I Dowris, Whigsborough, Co. Offaly (24)

N.M.I. SA 57. 1.A. Armstrong, Figure 1, 8.

I end-blow. 2 holes at bell (repaired), collar repair on tube, loop near repaired end.

SF14J Dowris, Whigsborough, Co. Offaly (24)

N.M.I. SA 57. 1.A. no. 1. Armstrong, Figure 1.9.

I end-blow. 8 bosses and 2 holes at bell, heavy collar-repair on tube.

SD14K Dowris, Whigsborough, Co. Offaly (24)

N.M.I. SA 57. 1.A. Armstrong, Figure 1, 10.

I side-blow. 4 spikes and 2 holes at bell, loop on tube, end broken.

SD14L Dowris, Whigsborough, Co. Offaly (24)

N.M.I. SA 57. 1.A. Armstrong, Figure 1, II

I side-blow. Spikes at bell, loop on tube, rib and formerly loop at end.

SD14M Dowris, Whigsborough, Co. Offaly (24)

N.M.I. SA 57. 1.A. Armstrong, Figure I, 12.

I side-blow, Modern collar at bell, and end, loop on tube, rib and loop at end.

SD14N Dowris, Whigsborough, Co. Offaly (24)

N.M.I. W.1. Armstrong, Plate iii.

II end-blow, 6 cones at bell, 4 cones and holes at end.

SD14O Dowris, Whigsborough, Co. Offaly (24)

N.M.I. W.11. Armstrong, Plate iii.

I side-blow. Small loop at end.

SD14P Dowris, Whigsborough, Co. Offaly (24)

N.M.I. SA 57. 1.A. Armstrong, Figure 1,7.

I tube. Ribs and 2 holes at ends.

SD14Q Dowris, Whigsborough, Co. Offaly (24)

N.M.I. SA 57. 1.A. Armstrong, Figure 1, 13.

I tube. Collar effect at ends, broken.

SD14R Dowris, Whigsborough, Co. Offaly (24)

N.M.I. SA 57. 1.A. Armstrong, Figure 1, 13.

I end-blow. Ribs at end, ribs and two loops on tube, bell broken.

SD14S Dowris, Whigsborough, Co. Offaly (24)

B.M. 54, 7-14, 178. Kemble, 1863, Plate xiii, 5; B.M. 1920, Plate viii, 4.

I end-blow. Spikes at bell, domes along tube sides, ribs and loop on tube, ribs at end.

SD14T Dowris, Whigsborough, Co. Offaly (24)

B.M. 54, 7-14, 174. Kemble, 1863, Plate xiii, 6.

II end-blow. Cones at bell, cones and holes at end.

SD14U Dowris, Whigsborough, Co. Offaly (24)

B.M. 54, 7-14, 180. Kemble, 1863, Plate xiii, 9.

I side-blow. Fragment only; loop at end (perhaps part of 14C).

SD14V Dowris, Whigsborough, Co. Offaly (24)

Destroyed; formerly B.M. 1883, 2-18, 1. B.M. 1920, pl.viii,8.

I side-blow. 4 spikes at bell, 2 loops near end.

SD14W Dowris, Whigsborough, Co. Offaly (24)

B.M. 1883, 2-18, 3.

I tube. Collar effect at ends, ribs and 2 holes at each end.

SD14X Dowris, Whigsborough, Co. Offaly (24)

B.M. 54, 7-14, 179

I side-blow. Fragment only; loop on tube, loop at end (perhaps part of 1MC) 4

SD14Y Dowris, Whigsborough, Co. Offaly (24)

B.M. 54, 7-14, 181

I side-blow. Fragment of end.

SD14Z Dowris, Whigsborough, Co. Offaly (24)

B.M. 54, 7-14, 177

I end-blow. 4 spikes at bell, 3 domes on each side of tube. loop near end, rib at end.

SD14Z1 Dowris, Whigsborough, Co. Offaly (24)

B.M. 54, 7-14, 175

II end-blow. Plain bell, 5 holes at end as repair, broken in two pieces.

SD14Z2 Probably Dowris

Formerly Day Collection. Cat. Day Sale, Lot 334.

II end-blow. 6 cones at bell, 4 cones and holes at end.

SD15 Drimoleague, Co. Cork (1)

Formerly B.M. Reliquary and Ill. Arch.5, 1899, 116 fig.I.

II side-blow. Cones at bell.

SD16A Drumbest, Kilraghts, Co. Antrim (4)

N.M.I. 1893: 17. U.J.A. VIII, 1860, 99, pl.I, I.

I end-blow with cast-on mouth-tube. Loops and ribs on tube, grooves at bell.

SD16B Drumbest, Kilraghts, Co. Antrim (4).

Ulster Museum, Belfast. Wilde, '1861, 626.

I end-blow with cast-on mouth-tube. Loop and ribs on tube, grooves near bell.

SD16C Drumbest, Kilraghts, Co. Antrim (4)

Yorkshire Museum. Raine, Handbook to the Antiquities in the grounds and museum of the Yorkshire Philosophical Society, 206-7.

I side-blow, Broken near plain bell and mouth-hole, loops and rings near end (cf.16D).

SD16D Drumbest, Kilraghts, Co. Antrim (4)

Ulster Museum Belfast. Ulster J. Arch. VIII, 1860, Plate I, 2.

I side-blow, Plain, 2 loops and rings.

SD17A Drunkendult, Co. Antrim (2)

N.M.I. 1930: 107. Ulster J. Arch. N.S. VIII, 1902, II.

I side-blow. Loop near end, spikes at bell.

SD17B Drunkendult Co. Antrim (2)

N.M.I. 1930: 108. MacWhite, 99

I tube. 4 holes at bell, rib and 4 holes at end.

SD18A Dungannon, Co. Tyrone (8, 4 of each kind).

Lost. Macwhite, Figure 9, 2.

I side-blow, Rib and 2 loops near end, zigzags and ribs at bell.

SD18B Dungannon, Co. Tyrone 8, 4 of each kind).

Lost. Macwhite, Figure 9, 3.

I end-blow Ribs and loop on tube, ribs and zigzags near bell.

SD19A Dunmanway, Co. Cork (2)

B.M. 54, 12-27, 45. Kemble, 1863, Plate xiii, 7.

II side-blow, 6 cones and 4 holes at bell, 2 loops near end.

SD19B Dunmanway, Co. Cork (2)

B.M. 54, 12-27, 46. Komoio, 1863, pi. xiii, 8.

II tube. Ribs and cones at centre and at ends.

SD20 ?Dunmanway, Co. Cork (1)

Ulster Museum 192-1913.

II tube. Loop, ribs and cones at centre, including repair; ribs and holes at end; fragment only.

SD21 Innermessan, Wigtownshire (1)

N.M.A. Scotland DO 27: P.S.A.S. XXIII (1888-89) 224

Side-blow, Fragment of mouth-hole

SD22A Kanturk, Co. Cork (1)

Pitt-Rivers, Museum, Oxford, 1315: 3017

II tube. Fragment only, end with 4 holes and 4 cones. 22A and 22B probably form one instrument.

SD22B Kanturk, Co. Cork (1)

Pitt-Rivers Museum, Oxford, 1315: 3017

II end-blow. 6 cones and 4 holes at bell, holes at broken end.

SD23 Co. Kerry (near Millstreet, Co. Cork) (1)

Ashmolean 1927: 2926

II end-blow. 6 domes and 4 holes at bell, 5 domes and holes at end.

SD24A near Killarney, Co. Kerry ('a number').

Lost. Ulster J. Arch. VIII, 1860, Plate ii, 4.

II end-blow. Cones at bell and end.

SD24B near Killarney, Co. Kerry ('a number')

Ashmolean 1927: 2927.

II end-blow. 6 cones at bell, 4 cones and holes at end.

SD24C near Killarney, Co. Kerry ('a number').

Ashmolean, 1927: 2928.

II end-blow. 6 ribbed cones at bell, probably 4 ribbed cones and holes at collared end.

SD24D near Killarney, Co. Kerry ('a number').

Ashmolean 1927: 2929

II tube. Loop, ribs and domes at centre; ribs, collar and domes at ends with 4 holes; one end repaired.

SD25 Lough Gara (Inch Island) Co. Sligo (1)

N.M.I. E20: 587

I side-blow. Fragment of end

SD26 Lisroe, Co. Kerry (1)

N.M.I. 1882; 266

II end-blow. 6 cones at bell, 4 cones and holes at end (cf.6A).

SD27A Macroom, Co. Cork (2)

N.M.I. W2; D647. Macwhite, p;. xvii, 4; Wilde, 1861, 634.

II end-blow. 6 ribbed cones and 4 holes at bell, 4 ribbed cones and 4 holes at collared end.

SD27B Macroom, Co. Cork (2)

N.M.I. W10; D654 Macwhite, pl.xvii, 5.

II side-blow, 6 ribbed cones and 4 holes at bell, end missing.

SD28 Co. Leitrim (? several)

Verschoyle-Campbell collection

I side-blow. Zigzag decoration at bell.

SD29A Moyarta, Co. Clare (3)

N.M.I. 1907: 101. MacWhite, Plate xiv, 3; Coffey 1913, 85.

II end-blow. 4 cones at bell, 4 cones and 4 holes at end.

SD29B Moyarta, Co. Clare (3)

N.M.I. 1907: 102. MacWhite, Plate xiv, I.

II end-blow. 4 cones and 4 holes at bell, ribbed rim, 4 cones and 3 holes at end.

SD29C Moyarta, Co. Clare (3)

N.M.I. 1907: 103. Macwhite, Plate xiv, 2.

II side-blow. 6 cones (now 5) and 4 holes at bell, loop at end, loop and ring on tube

SD29D Moyarta, Co. Clare (3)

N.M.I. 1907: 104. MacWhite, Plate xiv, 3.

II tube. Loop and ribs at centre, 4 cones at each end, 3 and 4 holes at ends respectively.

SD30 Portglenone, Co. Derry (1)

Q Ulster Museum, 190-1913. Day, 1875, 423, Figure 5.

I side-blow. Plain bell, loop near end, end broken.

SD31 Roscrea, Co. Tipperary (1)

N.M.I. W5. MacWhite, Plate xvii, 3; Wilde, 1861, 633
I end-blow. 4 ribs at bell.

SD32 Scrabby Bog, nr. Garrison, Co. Fermanagh (1)

N.M.I. 1921: 11. MacWhite, Plate xiv, 7.
I end-blow. Ribs on tube.

SD33 Toome, Co. Antrim (1)

Ulster Museum 516-1937
II side-blow. 1 cone survives on bell, broken end.

SD34 South of Ireland (1)

B.M. Kemble, 1863, Plate xiii, 10
II tube.

SD35 Ireland (1)

N.M.I. W16
Side-blow fragment.

SD36A Ireland (2)

N.M.I. 1882: 225. MacWhite, Plate xvi, 6; Coffey, 1913, 87.
I side-blow. Ribs and grooved zigzags at bell, loop near end.

SD36B Ireland (2)

xN.M.I. 1882: 226. Macwhite, Plate xvi, 7.
I side-blow. Grooves and zigzags near bell, 2 loops at end.

SD37A Ireland (3)

N.M.I. 1881: 317. MacWhite, Plate xiv, 6; Coffey, 1913, 87.
I side-blow. Grouped ribs on tube, 2 loops at end, grooves at bell.

SD37B Ireland (2)

N.M.I. 1881: 318. MacWhite, Plate xiv, 5.
I end-blow. Grouped ribs at bell and on tube, collar repair near end.

SD37C Ireland (3)

N.M.I. 1881: 319. MacWhite, Plate xiv, 4.
Probably I end-blow. Fragment, ribs and grooves near loop.

SD38 Ireland (1)

Horniman Museum. Cat. Day Sale, Lot 336.
Y Fragment only, bell plain.

SD39. Ireland (1)

N.M.I. R.S.A.I. 31.
I end-blow, Fragment, loop near end.

SD40 Ireland (1)

Alnwick casue 444. Cat. Ant. Aln. Cas. 1880, 84.

Side-blow. 6 cones and grouped grooves at bell, broken at mouth-hole.

SD41 Ireland (1)

Alnwick Castle 445. Cat. Ant. Aln. Cas. 1880, 84.

II end-blow, 6 cones and probably 2 holes at bell, formerly 4 holes at end.

SD42 Ireland (1)

Alnwick Castle 446. Cat. Ant. Aln. Cas. 1880, 84.

Fragment of tube.

SD43 Ireland (1)

Alnwick Castle 447. Cat. Ant. Aln. Cas. 1880, 84.

II end-blow, Broken bell, repaired end with 5 holes.

SD44 Ireland (1)

Horniman Museum. Cat. Day Sale, Lot 336.

? II. Bell fragment with cones.

SD45 No location known.

B.M. (no number)

Probably I. Fragment of plain horn.

SD46 No location known.

B.M.

I side-blow. 2 grooves at bell, 2 holes at bell, broken across mouth-hole.

SD47 No location known.

Cork Public Museum.

II end-blow. Cones at bell and end, 4 holes at end.

SD48 No location known.

Cork Public Museum.

II end-blow. Cones at bell and end, repaired at end.

SD49 No location known.

N.M.I. W15; D657. Macwhite 100, Plate xvi, 1.

I side-blow. End only, with loop.

SD50 No location known (?Dowris)

N.M.I.

I tube. Grooves collars at each end, 2 holes at each end.

SD51 No location known (?Co. Cavan)

Public Library, Armagh.

I side-blow. Fragment, loop on knobbed end, loop near end, ?grooves/lines near bell.

SD52 No location known.

Public Library, Armagh.

Q I end-blow. Fragment, grouped ribs on tube and near end.

SD53 Near Derry (1)

Eden Minns collection.

I side blow. 8 low bosses on bell, grooves in a linear pattern. Loops at tip and on tube yard. Coles (1967) p.115.

SPECIMEN DETAIL

These details are also provided on my web site <http://www.hornandtrumpet.com>, along with images where possible.

CATALOGUE OF LURS: BASED ON BROHOLM (1949)

SD101/2 Brudevaelte

Find Spot: Brudevaelte, Lynge Parish, Lynge—Frederiksborg

Date of Find: 1797

Current Location: National Museum Copenhagen, No. 8116

Condition: Complete

Musical Characteristics: G1, C2, E2, C5, G3, C4, E-flat4, G4, B-flat4, C3, D3.

Description: Right/left-wound lurs. Six sections, trombone-type mpce. 3 eyes on tube, lock with tenon. Tube 2.24/3m long, tube yard 0.99/1.01m bell-yard 1.25/1.22m. Bell diameter 49/47mm.

Bell disc 194 mm diameter, 2 eyes on rear side

SD102 only. Disc has 6 bosses and six pips with 2 concentric circles spaced between these 5 on periphery. 2 pendants on eyes on bell disc.

Citation: SD101 Hammerich, 1893, 166, fig.7; Broholm, 1949, 13, Figure 14, Plate 2
SD102 Bronsted, 1939, 187, Figure 175; Broholm, 1949, 14, Plate 3.

SD103/4 Brudevaelte

Find Spot: Brudevaelte, Lynge Parish, Lynge Frederiksborg

Date of Find: 1797 f

Current Location: National Museum, Copenhagen, No. 8115/8114

Condition: Complete

Musical Characteristics: B-flat1, G-flat1, B-flat2, E-flat3, B-flat3, Eb-flat4, G4, B-flat4, D-flat5, E-flat5, F5, G5, C6, B-flat6.

Description: Right/left wound lur, tube yard 3 sections 0.75/0.76m long, mouthpipe has 5 eyes. Trombone-type mpce, bell yard in 3 sections 1.21/1.21m long. Bell disc has 7 bosses, 28 pips and 3 concentric circles: pattern of x 3 between bosses and complete ring around bell opening.

SD105: Five flat pendants on mouthpipe eyes

SD104: Only four pendants, one empty eye. Bell disc cracked.

Citations: SD105: Bronsted, 1939, 189, Figure 176; Broholm, 1949, 14, Plate 3 (left);
SD104: Hammerich, 1893, 161, Figure 6; Bronstedt, 1939, 189, Figure 176a.

SD105 Brudevaelte

Find Spot: Brudevaelte, Lynge Parish, Lynge Frederiksborg

Date of Find: 1797

Current Location: National Museum, Copenhagen, No. 8117

Condition: Complete

Musical Characteristics B-flat1, G-flat1, B-flat2, E-flat3, B-flat3, E-flat 4, G4 , B-flat4, D-flat 5, E-flat5, F5, G5

Description: Right-wound lur 1.92 m long overall. Tube yard 0.8 m long in 5 sections. Mouthpipe has 5 eyes which carry 5 pendants. Mouthpiece shallow trombone-type with flat rim. Bell yard 1,12m long divided into 5 sections, repair, possibly in ancient times. Bell disc 285 mm diameter with 8 large hemispherical bosses with 56 pips and treble concentric circles. 24 of these on rough circle around periphery of disc, 16 on circle around bell mouth and 16 in pairs between bosses.

Citations: Broholm, 1949, 15, Figure 15, pls. 5 & 6.

SD106 Brudevaelte

1 Description , A left-wound lur found with SD101-5 but presented in 1845 to the Imperial collections in St. Petersburg. Now in the Eremitage at Leningrad. Reputedly the pair to SD105.

SD107/8 Blidstrup

Find Spot: Moor in Blidstrup Parish, Holbo County.

Date of find: 1858

Current Location: Largely destroyed in a fire in 1859

Description: Tube yard with spiral decoration around as SD117/8. Trombone-type mouthpiece, mouthpipe with 6 eyes. Bell discs 290mm diameter with 11 large hemispherical bosses and 20 "knobs"

Citation: Hammerich, 1893, 176.

SD109 Høng

Find Spot: Probably a moor in Høng, Finderup Parish, Love County

Current Location: Private collection

Condition: Fragmentary

Description: 600 mm long fragment of tube from bell yard of left-wound lur. Divided into 5 sections by 4 bands. Remains of a permanent lock joint.

Citations: Broholm, 1949, 16, fig, 2.

SD110 Dramstrup

Find Spot: Peat-bog in Dramstrup, Nørre Jaernløse Parish, Merløse County

Date of Find: 1850

Current Location: National Museum, Copenhagen, No. 11136-37

Condition: Very fragmentary

Description: Very small fragments of a tube and chain

Citations: Hammerich, 1893, 176

SD111/2 Boslunde

Find Spot: Boslunde, Boslunde Parish, Slagelse County

Date of find: 1838

Current Location: National Museum, Copenhagen

Condition: Very fragmentary

Description: Left/Right wound lur, tube yard probably in four segments, Trombone-type mouthpiece. Mouthpipe has seven eyes. Demountable lock with triangular tenon. Bell yard divided into six segments, cast in three tube units with meander joints. Bell disc 292mm diameter with eight bosses decorated at top with shallow cylinder. 118 of these subsidiary elements spaced 4 x 8 around bell aperture, 8 x 8 around periphery of disc and a pattern I of three and a single unit between the bosses.

Citations: Hammerich, 1893, 174 ff; Schmidt, 1915, 123; Broholm, 1949, 19.

SD113/4 Lommelev

Find Spot: A bog in Lommelev, Nørre Kirkeby Parish, Falster's Northern County

Date of Find: 1846

Current Location: National Museum, Copenhagen, No. 9433-34

Condition: Fragmentary

Description: Left/right wound lurs, tube yard complete, horn type mouthpiece. Lock has separate tenon and locking eye. Bell yard with meander joints.

Citations: Hammerich, 1893, 175; Schmidt, 1915, 117; Broholm, 1949, 19-21, Figure 4, 12(3), Plate 10.

SD115/6 Radbjerg

Find Spot: Radbjerg moor, Veggerløse Parish, Falsters Southern County

Date of Find: 1894

Current Location: National Museum, Copenhagen, Ref. No. B5790-94

Condition: Damaged

Description: Tube yard in 5 segments separated by rings with double bands. Trombone-type mouthpiece. Lock with triangular tenon, sets instrument in one plane, of curvature only. Bell yard, two irregular meander joints. Bell disc 213m diameter with eight large hemispherical bosses and no other decoration.

SD115 Mouthpipe has 6 eyes each with pendant

SD116 No eyes remain although two pendants found with instrument

Citations: Schmidt, 1915, 124; Broholm, 1949, 21/2, Plate 12.

SD117/8 Tellerup

Find Spot: Peat Bog, Tellerup field, Ørslev Parish, Vends County

Date of Find: 1808

Current Location: SD117 National Museum, Copenhagen, No. 378

SD118 Private Collection on island of Funen

Condition: Complete

Musical Characteristics A1, D2, F2, D3, A3, D4, F4, A4, C5, D5, E5, F5, A5.

Description: Right/left wound lur. Trombone-type mouthpiece, overall length 2,06/2,08m. Tube yard 0.82/0.83m long, decorated with rifled bands made up from 7 threads. Five small eyes on mouthpipe. Bell yard 1.24/1.25m long. Lock with eye and tenon.

SD117 Bell disc 253mm diameter, eight large hemispherical bosses held in place by a wedge pushed through two eyes cast integrally on these.

SD118 Bell disc similar to above but bosses are made separately and cast-on to the surrounding disc.

Citations: Hammerich, 1893, 193; Schmidt, 1915, 124; Broholm, 1949, 25, pl,13, 14.

SD119/120 Rørlykke

Find Spot: Rørlykke moor, Tryggelev Parish, Langelands Southern County

Date of Find: 1886

Current Location: National Museum Copenhagen, Mus. No, B3671-72

Condition: Complete

Description: Right/Right wound lur, of integral construction with wide cone angle and integrally-cast bell disc. Tube units joined by meander joints. Poor quality casting - numerous section failures.

Citations: Hammerich, 1893, 173; Schmidt, 1915, 59; Broholm, 1949, 23/24, Plate 15.

SD121 Hove

Find Spot: Hove, Hove Parish, Vandfuld County

Date of Find: 1940 V

Current Location: National Museum, Copenhagen, Mus.No. B 13666

Condition: Fragmentary

Description: A 290mm long fragment of tube yard. Lock - male part - with eye and triangular tenon

Citations: Broholm, 1949, 24, Figure 5.

SD122 Nyrup

Find Spot: Nyrup, Gislum Parish, Gislum County

Date of Find: 1910

Current Location: National Museum, Copenhagen, Mus. No. B 11274

Condition: Fragmentary

Description: Tube yard with horn-type mouthpiece, with wide rim. Broken-off lock

Citations: Broholm, 1949, 24, Figure 6.

SD125 Dauding

Find Spot: Dauding, Graedstrup Parish, Trysting County ‘

Date of Find: Not known

Current Location: National Museum, Copenhagen, Mus. No. B 11273

Condition: Fragmentary

Description: 210mm portion of mouthpipe with horn-type mouthpiece

Citations: Broholm, 1949, 24, Figure 32.

SD124/5 Folrisdam

Find Spot: Nedergaard's Field, Folrisdam, Graedstrup Parish, Tyrsting County

Date of Find: 1865

Condition: SD124 Complete; SD125 Damaged but complete

Musical Characteristics: G1, D2, G2, D5, G3, D4, G4, B4, D5, F5, G5.

Description: 1.45m long instrument with two yards joined together by a permanent lock which has an integrally-cast mount. Chain attached to this passes up to mount near bell end. Mouthpiece of trombone type. Bell disc 153mm diameter decorated by 2 rings of small hollow knobs.

Citations: Hammerich, 1893, 172; Schmidt, 1915, 128; Broholm, 1949, 26/7.

SD126/7 Ødstedlund

Find Spot: Ødstedlund, Ødsted Parish, Jerlev County

Date of Find: 1875

Current Location: National Museum, Copenhagen, No. B936

Condition: Very fragmentary

Description: Small fragments of two lurs, including two pieces of tube, 225 and 210mm long.

Citations: Broholm, 1949, 26, Figure 7

SD128/9 Maltbaek

Find Spot: Maltbaek moor, Malt Parish, Malt County

Date of Find: 1861 and 1865

Current Location: National Museum, Copenhagen, No. 21246

Condition: Complete

Musical Characteristics: E1, B1, E2, B2, E3, B3, D4, G4, B4, D5, E5, F5

Description: Right/left wound lurs, one with complete carrying chain (128) 1880mm long, tube and bell yards joined with permanent lock which carries a ring mount, trombone type mouthpiece, bell disc 176mm diameter with punched and incised decoration.

Citations: Hammerich, 1893, 168 Schmidt, 1915, 116 Broholm, 1949, 26, pl, 19 and 20.

SD130 Jaernhyt

Find Spot: Jaernhyt, Hammelev Parish, Gram County

Current Location: Haderslev Amts Museum, No. 3131

Condition: Very fragmentary

Description: Fragment of the tube of a lur

Citations: Hammerich, 1893. 143 Broholm, 1949, 27.

SD131/2 Revheim

Find Spot: Revenes moor, Revheim, Haaland Parish, Norway.

Date of Find: 1894

Current Location: Stavanger Museum, No. 1880

Condition: Complete

Musical Characteristics: F1, C2, F2, C3, F5, C4, F4, A4, C5, D5, E5, F5, G5.

Description: Right/left hand lur. 1630mm long. Tube yard 665mm long, joined to 965mm long bell yard with lock with triangular tenon. Bell disc 142 mm diameter with 7 small hemispherical bosses. 3 small eyes on back of bell disc.

Citations: Oldeberg, 1947, 37, 38, Figure 20; Broholm, 1949, 27, Plate 21 and 23

SD133/4 Rossum

Find Spot: Rossum, Brandby Parish, Kristians County, Norway

Current Location: Universitetets Oldsakssamling, Oslo, No. 19023

Condition: Fragmentary

Description: SD155 - two fragments of a lur, one 270 - 286mm long fragment of bell section including lock.

Joints made by rivetting plus casting on. SD134 - 130mm long fragment of bell section.

Citations: Oldeberg, 1949, 37, 60, 61, Figure 19, 40 and 42; Broholm, 1947, 28, Figure 12.

SD135 Gullåkra

Find Spot: Gullåkra, Brågarp Parish, Dara County, Sweden

Current Location: Lunds University Historical Museum, No. 4372

Condition: Almost complete

Description: Right wound lur, 1100mm long with tube and bell yards cast together without a lock. Chain complete from bell to centre of instrument body. Mouthsupport about 2/3 missing. No bell disc but has integrally cast annular flange around bell mouth.

Citations: Hammerich, 1893, 188 ff. Schmidt, 1915, 111, no. 16 Oldeberg, 1947, 24, Figure 3 Broholm, 1949, 29, Plate 24, 25, Figure 11

SD136 Skåne

Current Location: Private Collection

Condition: Fragmentary

Description: Two fragments of bell yard, one has integral flange around bell mouth.

Citations: Schmidt, 1915, 114/5, no, 17 Oldeberg, 1947, 30, Figure 7 Broholm, 1949, 30.

SD137 Hindby

Find Spot: Hindby, Fosie or Vestra Skräflinge Parish, Oxie County, Sweden

Current Location: Lund University, Historical Museum, No, 6619

Condition: Very fragmentary

Description: Fragments of lur from bell mouth to lock.

Citations: Schmidt, 1915, 122, no. 25. Oldeberg, 1947, 24, Figure 1 – 2 Broholm, 1949, 30.

SD138 Påarp

Find Spot: Påarp, Karup Parish, Sweden

Current Location: Statens Hist. Museum, Stockholm, No. 10775

Condition: Fragmentary

Description: Fragment of lur, 1640 mm long with both ends missing. Of integral construction, no lock. Remnants of chain.

Citations: Schmidt, 1915, 115, no, 8 Oldeberg, 1947, 29-30, Figure 5-6, Figure 49.

SD139/40 Borreby

Find Spot: Borreby, Borreby Parish, Sweden

Current Location: Statens hist. Mus. Stockholm, No. 5531

Condition: Fragmentary

Description: Fragments of two lurs. On convex side are shaped features. Fragment of bell yard contains a lock with an eye and a triangular slot. 1/3 of bell disc remains with three bosses.

Citations: Schmidt, 1915, 108; Oldeberg, 1947, 25, Figure 4, p. 72-73, Figure 54-58.

SD141 Froarp

Find Spot: Froarp, Asarum Parish, Sweden

Current Location: Statens hist. Mus. Stockholm, No. 10039

Condition: Fragmentary

Description: Two fragments of bell of lur, one 410mm long, one 540mm long.

Citations: Schmidt, 1915, 121, no. 24; Oldeberg, 1947, 30-32, fig, 8-9, p. 51, Figure 30-31; Broholm, 1949, 31.

SD142/3 Långlots Norregård

Find Spot: Långlots Norregård, Öand

Current Location: Statens hist. Mus. Stockholm, No. 10019

Condition: Fragmentary

Description:

SD142 Tube in four pieces but complete. Horn shaped mouthpiece. five eyes on mouthpipe. Four still carrying almost rectangular pendants. Lock with triangular tongue and remnants of organic material, probably resin.

SD143 Parts of left wound lur

Five eyes on mouthpipe. Lock with triangular tongue. When found, was wrapped in band of bast-like material together with fragments of birch bark.

Citations: Schmidt, 1915, 108, no. 9-10; Oldeberg, 1947, 31-36, Figure 10-16; Broholm, 1949, 32

SD143a Nya Åsle

Find Spot: Åsle Parish, Västergötland, Sweden

Current Location: Statens hist. Mus. Stockholm, No. 4127

Description: Fragments of a bell disc.

Citations: Oldeberg, 1947, 36, Figure 17; Broholm, 1949, 32.

SD143b Hjärpetan

Find Spot: Hjärpetan Grava Parish, Värmland, Sweden

Current Location: Statens hist. Mus. Stockholm, No. 170438 and 17143

Description: Fragments of a lur

Citations: Oldeberg, 1947, 37, 61, Figure 18, 41, 43; Broholm, 1949, 32.

SD144/5 Daberkow

Find Spot: Kloostergut Daberkow, Vorpommern

Date of Find: 1912

Current Location: Mus. für Volkerkunde, Berlin

Description: Right/left wound lurs. Tube and bell yards joined by lock with triangular slot. Bell disc with two concentric rings of small concentric circles.

Citations: Schmidt, 1915, 85; Broholm, 1949, 33

SD146 Hof zum Felde

Find Spot: Hof zum Felde, Grevesmühlen, Germany

Current Location: Schwerin Museum, UK

Condition: Fragmentary

Description: Fragments of bell yard of lur

Citations: Schmidt, 1915, 108, no. 13.

SD147 Lübzin

Find Spot: Lübzin, Sternberg, Germany

Current Location: Schwerin Museum

Condition: Fragmentary

Description: Three fragments of lur with lock lacking triangular tongue. Remnants of carrying chain. Bell disc with punched decoration.

Citations: Schmidt, 1915, 120/1.

SD148 Garlstedt

Find Spot: Garlstedt, Niedersachsen, Germany

Date of Find: 1830

Current Location: Landesmuseum für Niedersachsen, No. 5361

Condition: Fragmentary

Description: 21 Fragments of lur including lock with triangular tongue and corresponding bell fragments. Bell disc 265mm diameter with 8 large bosses having concentric circles on top.

Citations: Broholm, 1949, 34.

SD149 Neu Schwaneburg

Find Spot: Neu Schwaneburg, Latvia

Condition: Fragmentary

Description: Two fragments of lur including lock

Citations: Oldeberg, 1947, 38/9, Figure 23; Broholm, 1949, 34.

SD150 Zealand

Find Spot: Zealand?

Current Location: British Museum?

Description: Said by Broholm (1949, 27) to be a fragment of a Danish lur found in a moor in Zealand. From collection of J.J.A. Worsaae

Citations: British Museum: Guide to the Bronze Age, 1920, 134.

SD151/2 Fogdarp

Find Spot: Fogdarp, Bosjokloster Parish, Central Scania, Sweden A

Date of Find: 1972

Current Location: Lund University Hist. Museum

Description: Bell discs of lurs. 205 mm diameter with 10 hemispherical bosses.

Citations: Larsson, 1973, 169.

SD155 Saint-Germain

Description: Lur said to be in collection of Musée des Antiquités Nationales, Saint-Germain-en-laye, France

Citations: Verbal information.

SPECIMEN DETAIL

These details are also provided on my web site <http://www.hornandtrumpet.com>, along with images where possible.

SD201 Tutankhamen, Silver trumpet

Date of Find: 1923

Location of Find: Tomb of Tutankhamen

Dating of Item: c. 1350BC, 18th Dynasty based on Conventional Egyptological dating

Current location: National Museum, Cairo

Condition: Complete

Musical Characteristics: A-flat₃, C₅.

Description: 582 mm long. Conical mouthpipe, wrought/brazed, silver, 474mm long, 17mm to 26mm diameter, conical/slightly flared bell, silver 112mm long with 82mm diameter bell. Bell decorated with names of the Gods, Re, Amun and Ptah and with a Lotus leaf design. Measurements from Hickmann (1946). Gold leaf at mouthpipe/bell junction and mouthsupport. This is an added ring with tube end swaged over it.

Related material: Similar to Sd202 and SD207. Provided with close-fitting wooden stopper.

Citations: BM (1972) item 45; Buchner (1973) No. 25; Kirby (1946); Hickmann (1946) p. 120, Abb. 88; Kirby (1952) p. 250-55; Edwards (1972); Hickmann (1949).

SD202 Tutankhamen, Bronze/Gold trumpet

Date of Find: 1923

Location of Find: Tomb of Tutankhamen

Dating of Item: 1350BC, 18th Dynasty. Based on Conventional Egyptological dating

Current Location: National Museum, Cairo

Condition: Complete

Musical Characteristics: B-flat; D₅

Description: 494mm long; Conical mouthpipe (wrought/brazed) bronze, 403mm long x 0.25mm thick (13mm diameter to 25mm diameter) conical bell, bronze joined by rivets 81mm long by 0.125mm thick. (25mm diameter to 84 mm diameter) Bell decorated with Kings name and representations of Re, Amun and Ptah. Measurements from Hickmann (1946) Gold leaf at mouthpipe bell junction and mouthsupport. This is an added ring with tube end swaged over it.

Related material: Similar to SD20 and SD217 Provided with a close-fitting wooden stopper.

Citations: BM (1972) item 45; Buchner (1973) no. 25; Kirby (1946); Hickman (1946) p. 120, Abb. 88; Montagu (1976) p. 115-117; Kirby (1952) p. 250-255; Edwards (1972); Hickmann (1949)

SD205 Saalburg Lituus

Date of Find: not known

Location of Find: River Rhine, near Dusseldorf

Dating of Item: Celtic, probably Late Iron-Age. Based on Iconography

Current Location: On loan to Landesmuseum, Bonn, from Saalburg Museum

Condition: Complete

Musical Characteristics: G₃ A₄ E₅ A₅ C₆ D₆

Description: Conically-bored instrument. Lost-wax cast in three parts in bronze. 738 mm long. Tapering from 5mm (throat) to 103mm bell. This curves through 90° and is

slightly flared. Made up of mouthpipe and tuning, piece and bell yard. Tuning piece has two male ends which fit into other pieces and is soldered there. Carrying mounts: on mouthpipe and bell yard. Eye-shaped cross section.

Related material: Similar to SD204, 232, 240, 241, 242 and 248. Type illustrated on IC150

Citations: Behn (1912) p. 38, Abb, 3; Behn (1954) Abb. 137 Klar (1971), 303, Abb. 1.

SD204 Wiesbaden, Celtic Lituus

Find Spot: Not known, probably in a River

Date of Find: Not known.

Dating of Item: Celtic, Late Iron-Age Based on Iconography

Current Location: Städtisches Museum Wiesbaden, Inv.Nr. 1536

Condition: Fragmentary

Musical Characteristics: N/A

Description: Fragment of bronze tube, cast in bronze in split mould on the instrument curve, approx. 240mm long, diameter of tube varies from 25 to 39 mm approx. Round cross-section.

Related Material: Similar to SD203, 232, 240, 241, 242 and 248. Type illustrated on IC150

Citations: Klar 1971, 303, Anm.9

SD205 Neuvy en-Sullias Tuba

Find Spot: Near Neuvy-en-Sullias

Date of Find: 27 May 1861

Dating of Item: La Tene (End 4th century BC). Based on Associated finds

Current Location: Musée Historique & Archéologique De L'orleanais

Condition: Complete

Musical Characteristics: Not known

Description: Conical-bored instrument, wrought construction with cast mouthpiece and ferrules: in bronze, in four yards joined by cast ferrules. Cast decorated tip end into which cast mouthpiece fits. 1.44m length tube varying from 10mm to 58mm diameter. Possibly had conical "flare" to bell end. Said (Bragard) to have a telescopic bell.

Related Material: Similar to SD206

Citations: Mantellier, 1865, 171 ff. Plate XIII; Behn, 1954, Taf. 81, Abb. 186; Broholm, 1949, 102; Baines, 1976, 64, Figure 7; Bragard, 1968, 38 (Superficial).

SD206 Saumur Tuba

Find Spot: Near Saumur

Date of Find: Not known

Dating of Item: La Tene (End 4th century BC) Based on Similarity to SD205

Current Location: Castle at Saumur

Condition: Complete

Musical Characteristics: Not known

Description: Instrument probably wrought with cast parts, in bronze, as SD205 but has large diameter elaborately decorated boss immediately down-stream of mouthpiece. Overall length 1.60m. Said (Bragard) to have a telescopic bell.

Related Material: Very similar to SD205

Citations: Bragard, 1968, 38 (superficial); Behn, 1954, 144; Baines, 1976, 64, Figure 7.

SD207 Carnyx

Find Spot: Said to be found in Dacia, Rumania

Citations: Bragard, 1968, 58

SD208 Carnyx

Find Spot: Said to be found in Paplagonia, Asia Minor

Citations: Bragard, 1968, 58.

SD209 Bacchic Horn

Find Spot: Fayum, Egypt

Date of Find: Not known

Dating of Item: 1st century AD Based on Not known

Current Location: Museum of Fine Arts, Boston, U.S.A.

Condition: Complete

Musical Characteristics: Not known

Description: "Red earthenware bugle with low relief representing a young Bacchus, Silenus and bunches of grapes. Circular embouchure, oval bell opening: conoidal bore, very rough inside. Length 195mm, width 60mm, embouchure 117mm, Bell orifice length 40mm"

Related Material: None

Citations: Bessaraboff, 1941, 156, no. 154.

SD210 Numancia Clay Horns

Find Spot: Numancia, Spain .

Date of Find: 1905

Dating of Item: Prior to 155 AD. Based on Stratigraphy, documentary accounts

Current Location: Museo Numantina

Condition: Fragmentary

Musical Characteristics: Not known

Description: Curved tube and integral bell of instrument formed in clay with painted decoration.

Related Material: Similar to SD264, 265

Citations: Bragard, 1968, 38 (Superficial); Comision Ejecutiva, 1912, 40, Plate LV; Behn, 1954, Taf. 81, Abb. 185.

SD211 Loughnashade Horn

Find Spot: Loughnashade, Co. Armagh

Date of Find: 1798

Dating of Item: 1st century BC, based on Bell disc decoration

Current Location: National Museum of Ireland, Dublin

Condition: Almost complete I

Musical Characteristics: Not playable

Description: 1.27m long bronze fabricated instrument with rivetted seam. Instrument made up of 28.5mm diameter tube yard and a bell yard that tapers from 28.5 to 80mm diameter. A bell disc was found with the instrument - not attached, is 190 mm outside diameter and decorated with repoussé La Tene decoration. Tube riveted along inner curve with both internal and external rivetting strips. Wrought boss.

Related Material: Similar to SD223, 224, 225, 229, IC148 and SR16.

Citations: Fox, 1946, 45, Plate XII; Wilde, 1861, 87, 625.

SD212 Caere Lituus

Find Spot: Caere (Cervetri)

Date of Find: 1827

Dating of Item: 4th century BC, based on associated finds, iconography

Current Location: Vatican Museum

Condition: Complete

Musical Characteristics: in G?, plays six notes

Description: Long, small diameter tube, approx. 1m length fitted into semicircular bell yard - overall length 1.4m.

Related Material: Similar to SD231, IC2, IC6.

Citations: Wellesz, 1969, 407; Bate, 1966, Plate 9(A); Baines, 1976, 65.

SD213 Tattershall Ferry Carnyx

Find Spot: River Witham nr. Tattershall Ferry, Lincolnshire

Date of Find: 1768

Dating of Item: La Tene, based on Iconography

Current Location: Destroyed

Description: Wrought construction tube, soldered. Made up of two yards: tube yard parallel, appears to have oblique termination at tip; bell yard conical turns through approx. 90°.

Related Material: Bell yard similar to SD215. Overall morphology similar to carnyx iconography.

Citations: Phillips, 1934, 105; Tylecote, 1962, 145; Behn, 1954, Abb. 191.

SD214 Le Mans Carnyx fragment

Current Location: Museum of Le Mans

Citations: Wellesz, 1969, 22.

SD215 Durnau Carnyx fragment

Find Spot: Durnau, Schwabisches Oberland

Date of Find: not known

Dating of Item: Mid 1st century BC, based on not known

Current Location: Federseemuseum, Bad Buchau

Condition: Fragmentary

Description: 340mm long curved bell yard from 20mm to 85mm diameter, made of two sheets of bronze rivetted together. Outer diameter of curve has a ridge where seam edges meet.

Related Material: Similar in morphology to SD213 and to iconography of carnyx.

Citations: Piggott, 1959, 22.

SD216 Etruscan Cornu

Find Spot: Not known

Date of Find: Not known

Dating of Item: Etruscan, ID based on Morphology

Current Location: Museum of Villa Giulia, inv. no. 51216

Condition: Complete

Musical Characteristics: Not known

Description: Conical bored instrument of open 'C' form with cross-brace. 1.34m long, 450mm diameter curvature, tube diameter from 35 to 110mm.

Related Material: Similar to IC143

Citations: Fleischhauer, 1960, 501; Baines, 1976, 60 Plate II.

SD217 Louvre Egyptian Trumpet

Find Spot: ? Egypt

Date of Find: Not known

Dating of Item: Roman Egypt, ID based on Not known

Current Location: Louvre Museum

Condition: Fragmentary

Description: 540mm Copper tube; opens out from 15mm to 160 mm diameter. Rapidly opening flared bell.

Related Material: None, only vaguely similar to SD201/2.

Citations: Hickmann, 1946; Boreux. Guide Catalogue du département des antiquités égyptiennes du Musée National du Louvre, Paris, 1932, 634.

SD218 River Erne Horn

Find Spot: River Erne, Coolnashanton, Fermanagh

Date of Find: Not known

Dating of Item: Possibly early Medieval, ID based on Decoration on bronze bands

Current Location: Ulster Museum

Condition: Almost complete

Description: Wooden horn bound with bronze bands.

Related Material: Similar in construction to SD252. Similarity in binding to SD251.

Citations: Waterman, 1969, 101

SD219 Bronze Age Horn Lund

This entry transferred to SD155

SD220 Klein-Winternheim tuba

Find Spot: Klein—Winternheim, Mainz

Date of Find: Not known

Dating of Item: Roman, based on Associated finds, iconography

Current Location: Altertumer Sammlung, Mainz

Condition: Almost complete

Description: 1.57m long conical tube made in sheet iron 2.5 mm thick. Maximum diameter of tube 105mm. Found with votive offerings.

Related Material: Similar to IC144

Citations: Behn, 1912, 36.

SD221 Wismar horn fittings

Find Spot: Wismar, Mecklenburg-Schwerin

Date of Find: 19th Century

Dating of Item: Early Bronze Age, based on Morphology and decoration

Current Location: Schwerin Museum, Nr. 80

Condition: Complete

Description: Mouthsupport, central ring and bell garland for a horn cast in bronze using lost wax. Bell garland is decorated with motifs typical of Nordic Bronze Age

Related Material: Morphologically similar to SD222

Citations: Oldeberg, 1947, 9; Behn, 1954, Abb. 4; Sprockhoff, 1956, Abb. 60a; Broholm, 1949, 79, Figure 30.

SD222 Teterow horn fittings

Find Spot: Teterow, Mecklenburg-Schwerin

Date of Find: 19th century

Dating of Item: Early Bronze Age, based on Morphology, similarity to SD221

Current Location: Schwerin Museum, Nr. 2375

Condition: Complete

Description: End fitting for a horn with mouthsupport. Cast by lost wax in Bronze.

Related Material: Similar to SD221, 227

Citations: Broholm, 1949, 100; Oldeberg, 1947, 142; Schmidt, 1915, 143, Abb. 30/31

SD223 Nizza Horn

Find Spot: Said to be Nice

Date of Find: Prior to 1910

Dating of Item: Celtic, La Tène? based on Similarity to SD211

Current Location: Deutsches Museum, Munich

Condition: Almost complete I

Description: Wrought bronze tube, method of seam manufacture not visible. 0.917m long bell yard opening out from 27.5 to 100mm diameter tube yard of 0.976m long parallel with 25mm diameter. Two strips cover seam along outer radius of instrument.

Related Material: With exception of tube seam, similar to SD211, SD224, SD225, SD229. Similar to IC148 and SD16.

Citations: Behn, 1954, 143, Taf. 81, Abb. 184; Bragard, 1968, 38 (Superficial).

SD224 Rosscree Trumpet Tube

Find Spot: Possibly Rosscree

Date of Find: Not known

Dating of Item: La Tène, based on Similarity to SD211

Current Location: National Museum of Ireland, Dublin

Condition: Complete

Description: Rivetted bronze tube with two cast bosses. 0.882m long bronze tube, 51.5mm diameter with cast bosses at either end of tube.

Related Material: Similar to SD211, SD223, SD225, SD229, IC148 and SR16.

Citations: None known.

SD225 Ardbrin Trumpet

Find Spot: Ardbrin Crannog, Anaghclone, Co. Down

Date of Find: 1809

Dating of Item: La Tène, based on Similarity to SD211

Current Location: National Museum of Ireland, Dublin

Condition: Complete

Description: Tube yard of 22mm diameter x 1.07m long and bell yard tapering from 22,4 to 88mm diameter x 1.49m long. Tube rivetted along inner curve to internal rivetting strip.

Related Material: Similar to SD211, SD223, SD224, SD229, IC148, SR16.

Citations: Wilde, 1861, 630, Figure 531; Fox, 1946, 45. pi. XII.

SD226, Deskford Boars Head

Find Spot: Deskford Liecheston, Banffshire

Date of Find: Not known

Dating of Item: 1st-century AD, based on Design Style

Current Location: National Museum Antiquities of Scotland, Edinburgh

Condition: Fragmentary

Description: Boars head made of rivetted sheet, identified by Piggott as the termination of a Carnyx.

Related Material: Some similarity to iconography of carnyses

Citations: Piggott, 1959, 24 ff.

SD227 Bochin Horn Fittings

Find Spot: Bochin, Lenzen, Westprignitz, Brandenburg

Date of Find: 19th Century

Dating of Item: Early Bronze Age, based on Decorative motifs

Current Location: Schwerin Museum

Condition: Fragmentary

Description: Small fragment, cast in bronze of bell fitting for a horn.

Related Material: Similar to SD221, SD222

Citations: Coles, 1963, 344; Schmidt, 1915, 148, Abb. 36; Oldeberg, 1947, 9.

SD228 Latdorf Mouthsupport Ring

Find Spot: Latdorf, Saale

Dating of Item: Bronze Age pre-stage

Current Location: Bernburg Museum

Condition: Fragmentary

Description: Fragment of bronze tube with a bent over edge or rim. On the inside at the edge where the rim is the tube has an irregular ring of resin as well as remnants of wooden pegs.

Citations: Coles, 1963; Schmidt, 1915, 142; Oldeberg, 1947, 11; Olshausen, 1891, 847

SD222 Llyn Cerrig Trumpet

Find Spot: Llyn Cerrig Anglesey

Date of Find: 1945

Dating of Item: La Tène, based on Associated finds and similarity to SD211

Current Location: National Museum of Wales, Cardiff

Condition: Fragmentary

Description: A 555mm fragment of rivetted bronze tube, seam of wavy form featuring internal rivetting strip. Cast boss at one end of tube.

Related Material: Similar to SD211, SD223,

Citations: Fox, 1946, 44.

SD230 Water Newton Mouthpiece

Find Spot: Water Newton i

Current Location: Peterborough Museum

Description: Mouthpiece in bronze

Citations: Webster, 1960, 91, No. 230; Artis, 1828, Plate XXXVI, No. 1.

SD231 Caere Lituus

Find Spot: Caere (Cervetri)

Date of Find: 1827 ?

Dating of Item: 4th century BC, based on Associated finds, conography

Current Location: Museo Etrusco Gregoriano, Saal III, Vitrine H. nr. 14.

Musical Characteristics: In G, sounds 2nd to 8th harmonics

Description: 1.60m long instrument, presumably similar construction to SD212.

Related Material: Similar to SD212, IC2, IC6.

Citations: 1960, 501.

SD232 Hannover Lituus

Find Spot: Near Hannover, Germany

Date of Find: 1857

Dating of Item: Possibly Celtic, Late Iron Age, based on Iconography

Current Location: not known

Condition: Probably complete

Constructional Details: Cast Materials Bronze

Description: Conically bored instrument, 992mm long. Bell opening 107 mm. Bell turns through 90°. Conical mouthpiece apparently surrounded by a cast lead ring. Carrying rings on tube and bell yards. Central ferrule Eye-shaped cross-section.

Related Material: Similar to SD203, 204, 240, 241, 242, 244, and 248. Type illustrated in IC150.

Citations: Olshausen, 1891, 857, Figure 4; Behn, 1912, 38, Abb. 4 (d).

SD233 Assyrian Shell Trumpet

Description: Assyrian shell tritonium variegatum identified by Dr. F.W. Galpin as an end-blown shell trumpet.

Citations: Sachs, 1940.

SD234 Tepe Hissar Trumpet

Find Spot: Tepe Hissar, level IIIc

Dating of Item: ca. 2000BC, based on Associated Finds

Current Location: Lost

Description: Short silver instrument which appears to have mouthpiece tube and bell.

Related Material: SD235, SD236, SD237.

Citations: Piggott, 1967, 96, Figure 23.

SD235 Tepe Hissar Trumpet

Find Spot: Tepe Hissar level IIIc

Dating of Item: ca. 2000BC, based on Associated Finds

Current Location: Lost

Description: Short silver instrument which appears to have mouthpiece, tube and bell.

Related Material: SD234, SD236, SD237.

Citations: Piggott, 1967, 96, Figure 23.

SD236 Asterabad Trumpet

Find Spot: Asterabad

Dating of Item: ca. 2000BC

Based on Similarity to Tepe Hissar Material

Current Location: Lost

Condition: Fragmentary

Description: Part of golden trumpet with tube yard, boss and flared bell.

Related Material: SD254, SD235, SD237.

Citations: Piggott, 1967, 96, Figure 24.

SD237 Asterabad Trumpet

Find Spot: Asterabad

Dating of Item: ca. 2000BC, based on Similarity to Tepe Hissar material

Current Location: Lost

Condition: Fragmentary

Description: Part of golden trumpet with mouthpiece, tube yard, boss and fragment of flared bell.

Related Material: SD234, SD235, SD236.

Citations: Piggott, 1967, 96, Figure 24.

SD238 Klagenfurt Cornu

Find Spot: Baths District of Virunum

Dating of Item: Roman, based on Similarity to other Roman material.

Current Location: Landesmuseum für Kärnten, Klagenfurt, Austria.

Condition: Fragmentary

Description: Fragment of bell of cornu with bell end and annular bell disc.

Citations: Klar, 1971; Schenk, 1946, 35, Abb, 1.

SD239 Naples Cornu

Current Location: Museo Nazionale, Naples, No. 71.329

Condition: Complete?

Description: one of two cornua in the Museo Nazionale

Citations: Fleischhauer, 1960, 502.

SD240 Celtic ? Lituus

Find Spot: Near Goedereede

Dating of Item: Celtic, Late Iron-Age, based on Iconography

Current Location: Town Hall, Goedereede, Holland

Condition: Complete, repaired

Musical characteristics: A3, A4, E5, A5

Constructional Details: Cast, probably two-part mould with wrought additions. Materials Brass

Description: Conically-bored instrument, 78cm long of roughly octagonal cross-section. Mouthpiece of wide throat of 8.9 mm passing into bore - terminates at bell 100 mm A/F. Bell turns through approx. 60°. Instrument made in three pieces: mouthpipe + central yard + bell yard. Central part now repaired with sheet. Carrying mounts on tube and bell yards probably rivetted on.

Related Material: Similar to SD203, 204, 232, 241, 242,

Citations: Trimpe-Burger, 1960-61, 202, Afb. 6.

SD241 Caprington Horn

Find Spot: Coilsfield, in Kyle, Ayrshire

Date of Find: Before 1654

Dating of Item: Celtic, Late Iron Age, based on Iconography

Current Location: Caprington Castle, nr. Kilmarnock

Condition: Complete

Musical Characteristics: C#4, C5, G#5, C#6.

Constructional Details: Cast, split mould. Materials Bronze: 90.26% Cu. 9.61% Sn.

Description: Conically bored instrument 635mm long, tapering from 4mm (throat) to 102mm diameter. This curves through approx. 75° and is slightly flared. Conical mouthpiece. Instrument now in two pieces with brass sleeve (probably modern) joining these together. Carrying mounts on tube and bell yards. Round cross section.

Related Material: Similar to SD203, 204, 232, 240, 242 and 248. Type illustrated on IC150.

Citations: Behn, 1912, 38; Cochran-Patrick, 1878, 74-5; The New Statistical Account of Scotland, Vol. V, 1845, W. Blackwood and Sons.

SD242 Charlottenburg Lituus

Find Spot: River Main, between Florsheim and Russelsheim.

Dating of Item: Celtic, probably Late Iron Age, based on Iconography

Current Location: Charlottenburg Museum, Berlin

Condition: Complete

Constructional Details: Cast, lost wax. Materials Bronze

Description: Conically-bored instrument 702mm long tapering from 4.5mm (throat) to 114mm diameter bell. This curves through 90° but remains basically conical. of integral construction. Carrying mounts on mouthpipe and bell yard. Eye shaped cross-section.

Related Material: Similar to SD203, 204, 232, 240, 241 and 248. Type illustrated on IC150.

Citations: F Klar, 1971, 308-9, Abb. 3; Behn, 1912, 38.

SD243 Naples Cornu

Find Spot: Pompeii

Dating of Item: Prior to 79 AD

Current Location: Saal LXXIX, Museo Nazionale in Naples, No. 71.330

Condition: Complete

Description: Cornu with a diameter of 1.26m in G. Total length 3.33 m.

Citations: Klar, 1971; Fleischhauer, 1960, 502.

SD244 Köslin Horn

Find Spot: Gollenberg, near Köslin, now Kozsalin, Poland

Date of Find: Before 1586

Dating of Item: Possibly Celtic, Late Iron Age, based on Iconography

Current Location: Not known

Condition: Possibly complete although repaired

Constructional Details: Cast. Materials Bronze

Description: Conically bored instrument 820mm long opens out to bell which turns through 90°. No mounts, one loop on inner curve of bell.

Related Material: Similar to SD203, 204, 232, 240, 241, 242 and 248. Type illustrated on IC150.

Citations: Behn, 1912, 38-9; Spielberg, 1922; Olshausen, 1891, 860-1; Noak, 1872, 217.

SD245 Lydney Mouthpiece

Find Spot: Lydney

Date of Find: 1928

Dating of Item: Roman, based on Similarity to other material

Condition: Complete

Description: Mouthpiece made of bronze. Complete in itself showing no signs of attachment to remainder of instrument.

Citations: Report on the excavation of the pre-historic, Roman and Post Roman site at Lydney Park, 1932, 81, Figure 16, No. 47.

SD246 Heddenheim Mouthpiece

Find Spot: Heddenheim, Germany

Dating of Item: Roman, based on Similarity to other material

Description: Roman mouthpiece, complete, no evidence of having been joined to rest of instrument.

Citations: Report on the excavation of the pre-historic, Roman and Post Roman site at Lydney Park, 1932, 81, Figure 16, No. 47.

SD247 Waldmössingen Mouthpiece

Find Spot: Waldmössingen, Germany

Dating of Item: Roman, based on Similarity to other material

Description: Roman mouthpiece, complete, no evidence of having been joined to rest of instrument.

Citations: Report on the excavation of the pre-historic, Roman and Post Roman site at Lydney Park, 1932, 82; Lief, p. 7, Taf. III, VI.

SD248 Bonn Bell End

Current Location: Rheinisches Landesmuseum Bonn

Description: Bronze bell of conical form with downstream end bent through about 120°. Described by Klar as Lituus bell but is more conical and less curved than the typical litui of this area.

Citations: Klar, 1971, 307.

SD249 Stenstugan Horn

Find Spot: Stenstugan, Lindholm, Barva Parish, Sodermanland, Sweden

Current Location: Statens Historiska Mu. Stockholm, No. 6626

Condition: Fragmentary

Description: Mouthpipe and bell made of sheet as fittings for animal horn some of which remains attached to metal parts.

Citations: Oldeberg, 1947.

SD250 Wooden Instrument from Becan

Find Spot: Becan, Co. Mayo, Ireland

Current Location: National Museum of Ireland

Condition: Fragmentary

Description: A wooden instrument of straight form nearly two metres long with a bell diameter of 83mm. Made of two halves of willow held together by spiral bronze band.

Citations: Oldeberg, 1947, 81; Waterman, 1969, 101.

SD251 Killyfaddy, nr. Clogher, Co. Tyrone

Dating of Item: not known, possibly end of Bronze Age or Iron Age

Based on: Morphological similarity to Iron-Age rivetted horns

Current Location: National Museum of Ireland, Dublin

Condition: Fragmentary

Description: 2.7m long parallel wooden tube, 50mm outer diameter, made in four roughly equal yards. These made by hollowing out in two parts then putting together and binding with bronze strip. This nailed into wooden yards.

Related Material: Morphological similarity to Iron-Age rivetted horns: SD211, 225, 224, 225, 229. Similarity in construction with SD218 and 251.

Citations: Wilde, 1857, 244; Schmidt, 1915, 130; Oldeberg, 1947, 81.

SD252 Diamond Hill Wooden Instrument

Find Spot: Diamond Hill, Killashandra, Co. Cavan, Ireland

Description: Side-blown wooden instrument of Yew with bore formed from a slot cut on the inner curve.

Citations: Oldeberg, 1947, 81.

SD253 Colchester Mouthpiece

Find Spot: Colchester

Dating of Item: Roman, based on Similarity to other material

Description: Mouthpiece of a Roman trumpet

Citations: Webster, 1960, 75, Plate IV

SD254 Great Chesterford Mouthpiece

Find Spot: Great Chesterford, Essex

Dating of Item: Roman, based on Similarity to other material

Current Location: British Museum

Condition: Complete

Description: Mouthpiece 159 mm long with wide shallow 24mm diameter cup.

Citations: BM Guide, 1922, 22.

SD255 Castle Cary Mouthpiece

Find Spot: Castle Cary on the Antonine Wall

Dating of Item: Roman, based on Associated material

Current Location: National Museum of Scotland, Edinburgh

Condition: Complete

Description: Mouthpiece with 24mm diameter rim, 20mm diameter cup, 11mm deep and throat 5.5mm.

Citations: Klar, 1971, 334, Abb. 4e; Liversidge, 1972, 358.

SD256 San Cerbone Ivory Horn

Find Spot Room: 2 of the Podere di San Cerbone, Populonia

Dating of Item: Etruscan based on Stratigraphical position

Condition: Fragmentary

Description: Fittings with fragments of ivory horn attached, made of gold with incised decorations.

Related Material: SD275

Citations: Minto, 1943, 128, Figure 15; Ducati, 1927, 172, Tav. 58, No. 174.

SD257 San Cerbone Bronze Horn

Find Spot: Room 2 of Tomb at the Podere di San Cerbone, Polulonia

Dating of Item: Etruscan, based on Stratigraphical position

Condition: Appears complete from illustrations

Description: Curved bronze horn made in form of animal horn with clearly formed mouthpiece.

Citations: Minto, 1943, 145, Tav. XXI, No. 2,

SD258 Ras Shamra Ivory Horn

Find Spot: Ras Shamra

Dating of Item: Etruscan, based on Similarity to SD256 and SD275

Description: Ivory horn from Ras Shamra

Citations: Minto, 1943, 128.

SD259 Terremaren Clay Horns

Find Spot: Terremaren (Po Valley, Northern Italy)

Date of Find: Pre-Roman

Description: Clay instrument of animal horn form, 450mm long with obliquely cut tip. Sounds fundamental + 2nd harmonic with great difficulty.

Citations: Behn, 1954, 127;

SD260 Naples Cornu

Current Location: Museo Nazionale, Naples

Description: Cornu III (No other information)

Citations: Klar, 1971, 311.

SD261 Naples Cornu

Current Location: Museo Nazionale, Naples

Description: Cornu IV (No other information)

Citations: Klar, 1971, 311.

SD262 Boston Salpinx

Dating of Item: Ascribed by Museum to 5th century BC but probably later V

Current Location: Museum of Fine Arts, Boston

Description: Single coned tuba made up of 15 sections of ivory with bronze strengthening rings and bronze bell. Overall length 1.57m, slight flare on bell. Mouthsupport.

Citations: Bate, 1966, 94; Caskey, 1937, 525, figs. 2, 5, 4, 5.

SD265 Nemzeti Tuba

Find Spot: Zxambek

Current Location: Nemzeti Museum, Budapest

Condition: Most of tube and bell yards present. Mouthpiece missing.

Description: Single coned tuba, 1.56m long with 95mm bell diameter.

Citations: Baines, 1976, 63.

SD264 Numancia Clay Horns

Find Spot: Numancia, Spain

Date of Find: 1905

Dating of Item: Prior to 133 AD, based on stratigraphy, documentary accounts

Current Location: Museo Numantino

Condition: Fragmentary

Constructional Details: Formed in clay, painted decoration.

Description: Bell of instrument, very fragmentary.

Related Material: Similar to SD210, 265.

Citations: Bragard, 1968, 38 (Superficial); Comision Ejecutiva, 1912, 40, Plate LV; Behn, 1954, Taf. 81, Abb. 185.

SD265 Numancia Clay Horns

Find Spot: Numancia, Spain

Date of Find: 1905

Dating of Item: A Prior to 133AD, based on Stratigraphy, documentary accounts

Current Location: Museo Numantino

Condition: Fragmentary

Constructional Details: Formed in clay, painted decoration

Description: Bell of horn, opens out rapidly to cup-shaped form.

Related Material: Similar to SD210, 264.

Citations: Bragard, 1968, 38 (Superficial);

Comision Ejecutiva, 1912, 40, Plate LV; Behn, 1954, Taf. 81, Abb, 185.

SD266 Numancia Clay Horns

Find Spot: Numancia, Spain

Date of Find: 1905

Dating of Item: Prior to 155 AD, based on Stratigraphy, documentary accounts

Current Location: Museo Numantino

Condition: Fragmentary

Constructional Details: Formed in clay, painted decoration

Description: Straight bell end of horn, slightly flared. 155mm long x 95mm diameter. Elaborately painted with geometrical designs.

Related Material: Somewhat similar to SD210, SD264, SD265,

Citations: Bragard, 1968, 38 (Superficial); Comision Ejecutiva, 1912, 40, Plate XXXVI—B; Behn, 1954, Taf. 81, Abb. 185.

SD267 Trumpet ? Tube Mohendjo-Daro

Find Spot: Five feet below surface, Room 9, Block 12, Section C DK Area, Mohendjo-Daro

Description: Piece of bronze tube, 572mm long by 20 diameter by 2.8mm thick. One end complete, has edge turned down outside the tube for a distance of 8.1mm. Other end of tube missing.

Citations: Marshall, 1931, 506, Plate CXLIV, No. 1.

TSD268 Trumpet ? tube Mohendjo-Daro

Find Spot: 6 feet below surface, Room 105, House XII, Block 2, HR Area, Mohendjo-Darol
Description Small portion of copper tube 72 mm long by 5 mm thick.

Citations: Marshall, 1931, 507, Plate CXLIV, No. 10.

SD269 Clay Instruments, Cyprus

Description Clay instrument(s) found in Cyprus lacking bells.

Citations: Hickmann, 1961, 40.

SD270 Megaphone Kvalsund

Find Spot: Kvalsund, Norway

Dating of Item: 500-600 AD (Iron-Age)

Current Location: Historisk Museum, Bergen, No. B 7600/91

Description: Funnel shaped wooden megaphone, narrow opening cut off squarely. Two bands encircle the wide end immediately under a large opening. Found in a bog among the remains of two boats. Overall length 725mm, thickness of wall 6mm, largest diameter 250mm, smallest diameter 60mm.

Citations: Lund, 1974, 19; Shetelig and Johannessen, 1929, 39, 70, Figure 18, No. 91.

SD271 Konsterud Cowhorn

Find Spot: Konsterud, Visnum sn, Värmland, Sweden

Dating of Item: 500BC-0AD

Current Location: Värmlands Museum, Karlstad, No. 19969

Description: Cowhorn with five fingerholes with tip cut off. Hole at exit for carrying strap, two rings carved around mouthpiece end, further ornamented with engraved lines. Bogfind. Overall length 275 mm.

Citations: Lund, 1974, 19

SD272 Sandbäcksmymren Cowhorn

Find Spot: Sandbäcksmymren, Hedemora sn, Dalarna, Sweden

Dating of Item: 900AD (Viking Period, Iron-Age)

Current Location: Dalarnas Museum, Falun, No. 7279

Description: Cowhorn with four fingerholes, two decorations around exit, remains of two holes for carrying strap. Tip cut off squarely. Bogfind. Overall length 222mm.

Citations Lund, 197%, 20.

SD273Virunum Cornu

Find Spot: Baths district of Virunum

Current Location: Landesmuseum fur Kärnten, Klagenfurt, Austria

Description: Fragment of Cornu

Citations: Klar, 1971; Schenk, 1946, Abb. 1.

SD274 Ovilaba Cornu

Find Spot: Wels, Austria

Description: Fragmentary parts of bell yard and bell of cornu.

Citations: Kaff, 1952, 54.

SD275 Barberini Ivory Horn

Description: Etruscan ? ivory horn fittings similar to San Cerbone horn.

Citations: Minto, 1943, 128.

SD276 Bonn Mouthpiece

Dating of Item: 1st Century AD

Current Location: Landesmuseum, Bonn, No. 16077n

Description: Fairly large instrument mouthpiece.

Citations: None known

SD277 Bonn Mouthpiece

Dating of Item: 2nd Century AD

Current Location: Landesmuseum, Bonn, No. 26525n

Description: Instrument mouthpiece.

Citations: None known.

SD278 Edinburgh Mouthpiece

Current Location: National Museum Scotland, Edinburgh, No. Do 10

Description: Mouthpiece of Celtic lituus type, integrally cast, external form horn-shaped.

Citations: None known.

SPECIMEN REPRESENTATION

These details are also provided on my web site <http://www.hornandtrumpet.com>, along with images where possible.

SR1 Terracotta Trumpet

Find Spot: Mont Ventoux, France

Dating of Item: Roman

Current Location: British Museum, No. 1904 2-4-40

Description: Terracotta model or actual trumpet of single cone form with developed mouthpiece.

Citations: None known.

SR2 Bronze Statue, Side-blown Salpinx Player

Find Spot: Campania

Dating of Item: 470BC

Current Location: British Museum, Ref. Bronzes 223, Temple Bequest

Description: Small model blows instrument of salpinx form, holding to left. Bell end of instrument of cono-cylindrical form.

Citations: None known.

SR3 Cornu shaped Fibula

Dating of Item: Roman, based on Similarity to extant Roman instruments

Description: Roman fibula in form of a cornu with a large diameter flared bell and cross-brace with pointed ends, protruding from tube curve. Slight 'G' form to mouthpipe.

Citations: Behn, 1954, Abb. 143.

SR4 Statuette of Trumpeter

Find Spot: Hradiště, near Stradonice, Moravia, Czechoslovakia

Dating of Item: 1st Century BC

Current Location: National Museum, Prague

Description: Small statuette of player blowing up-curving instrument with prominent bell feature.

Citations: Déchelette, 1927, 685, Figure 500

SR5 Removed, as not relevant to PVAs

SR6 Removed, as not relevant to PVAs

SR7 Removed, as not relevant to PVAs

SR8 Removed, as not relevant to PVAs

SR9 Removed, as not relevant to PVAs

SR10 Removed, as not relevant to PVAs

SR11 Removed, as not relevant to PVAs

SR12 Removed, as not relevant to PVAs

SR13 Bronze figure of Trumpeter

Find Spot: Mylasa, Caria, Anatolia

Dating of Item: Early Iron-Age, c. 800BC

Current Location: British Museum No. 130909

Description Figure: holds single cone tuba with slight flare in left hand, other hand on hip.

Citations: Rimmer, 1969, 29, Plate Vlllb,

SR14 Removed, as not relevant to PVAs

SR15 Hittite Figure blowing Horn

Description: Seated figure blowing short, very-conical single-cone tuba, held in left hand.

Citations: Behn, 1954, Abb. 91.

SR 16 Statue of Dying Gaul

Find Spot: Pergamon

Current Location: Museo Capitolino Rome

Description: Statue of Gaul sitting on shield, around periphery of which are two Celtic curved horns

Citations: Powell, 1948, 255, Plate 3