

DRESSEL 20 STAMPS FROM THE VERULAMIUM MUSEUM

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RESUMO: Este artigo trata dos selos de ânforas Dressel 20 custodiados no Museu de Verulamium (Reino Unido). Após uma introdução às ânforas Dressel 20 e à cidade romana de Verulamium (hoje Saint Albans, Reino Unido), há um catálogo de 39 selos diversos, calcados pelo autor. Cada selo é referido à literatura anterior, às prováveis olarias produtoras béticas e a selos datados contextualmente em outros lugares. Uma análise do tamanho dos selos e de sua cronologia é seguida de um estudo da origem das ânforas na Bética. O artigo conclui por enfatizar a importância de produzir catálogos de coleções de museus.

UNITERMOS: Ânforas romanas – Dressel 20 – Bretanha Romana – Olarias na Bética – Tamanho dos selos – Inscrições latinas.

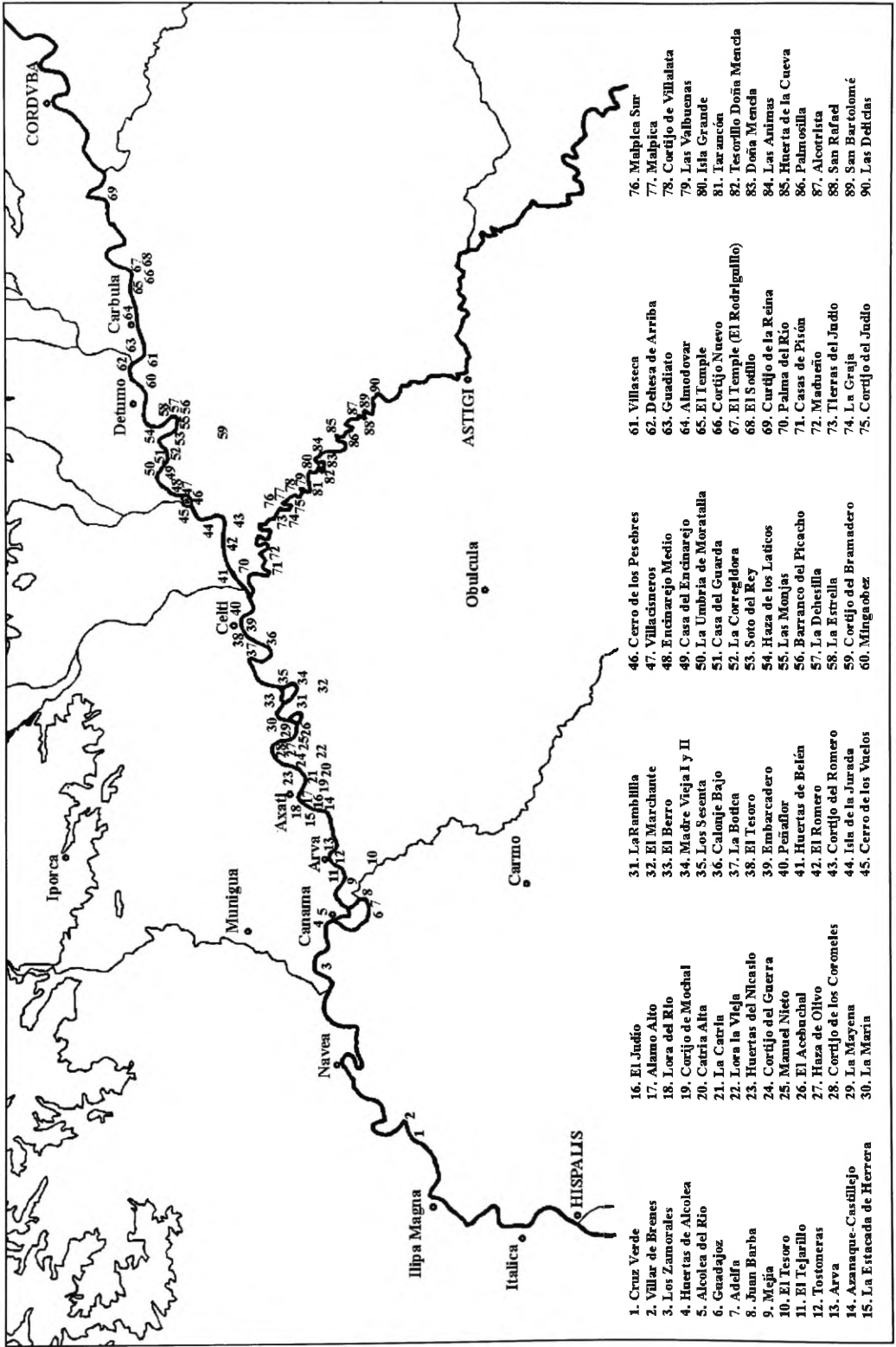
Introduction

Dressel 20 amphorae are a very common find in Romano-British sites. These globular amphorae were used to carry olive oil from the Southern Spanish province of Baetica (Clak-Maxwell 1899; Bonsor 1931; Ponsich 1974, 1979). Its large body with handles and short neck ends in a basal knob. These amphorae, also known as Beltrán V, Ostia I and Callender II (Peacock & Williams 1986: 136-140), are found in almost the whole Roman world. They were produced from the early Principate up to the mid third century AD (cf. map with potteries in Baetica). Dressel 20 amphorae usually bore inscriptions, *tituli picti* and stamps. Painted inscriptions are not easily found because of their difficult conservation in normal archaeological conditions. Stamps, on the other hand, are common-

ly found in British sites. Dressel 20 stamps found in Britain have been published since the *Corpus Inscriptionum Latinarum*, vol. VII, in the last century (inscriptions in the number 1331) and M. Callender (1965) was a pioneer in the publication of a comprehensive catalogue of stamps found up to the 1950s. In the last three decades, there were a lot of stamps published in different papers, reports and books. However, there is still a lack of studies of all Dressel 20 stamps from specific sites. St. Albans is a case in point. Thanks to the Director of the Verulamium Museum, Dr. Chris Green, I was able to rub all the 49 Dressel 20 stored in that Museum and to study them in order to understand the consumption of Spanish olive oil in that Roman town.

Verulamium (St. Albans) was not an unimportant early Roman town: at the centre of the Catuvellauni territory, the Roman city developed with only peripheral military activity (Millett 1992: 77) and very soon it became a *municipium ciuim romanorum* (Rivet 1975: 111; cf. Reynolds 1975: 73; Tacitus, Ann., xiv,33). Verulamium was a large

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1998 Dressel 20 producing potteries in Baetica (after Carreras and Funari: 275, fig. 37).

settlement, comparing favourably with such continental sites as Avignon, Orange or Arles. The earliest town developed rapidly gaining a basilica and forum, a theatre, hypocaust, and walls (Collinwood & Myres 1963: 189 *et passim*). Frere (1972, 1983) produced a comprehensive report of the archaeological work at Verulamium as well as an historical account of its development from its inception. Recent critical reappraisals of the evidence (Millett 1992: 69-71) do not change the fact that Verulamium was an important Roman town for the first two centuries of Roman rule in Britain. Verulamium town centre was vibrant and dynamic during the first and second centuries and the adornment of the city continued to the middle of the third century (Millett 1992: 107, 134), exactly the period when Dressel 20 were imported into the city. This explains the number of Dressel 20 stamps from the city (49) held at the Verulamium Museum, one of the largest collections from Britain. The recent publication of monographs on the overall consumption of olive oil in Britain (Funari 1996, Carreras & Funari 1998) opens the way to the study of specific towns and the aim of this paper is thus to collect the stamps stored at a local museum, producing a catalogue of stamps, and to interpret the evidence available in the museum. Besides, the stamps will be studied as an odd evidence on the olive oil consumption at Verulamium both in terms of the importation from different potteries and producing areas in Baetica and in terms of consumption pattern changes in time.

Catalogue of stamps

The following abbreviations are used in the catalogue:

FP= Find Place.

SP= Storage Place.

VM= Verulamium Museum (the letters and numbers that follow the acronym refer to the data written on the sherd).

CD = Contextual date at Verulamium.

OCD = Other Contextual Dates (dates from other sites).

DOC: Dated by Other Criteria (typological ones and others).

CIL = *Corpus Inscriptionum Latinarum*, XV,2.

Size = Size of the stamp measured in Roman inches.

Testaccio A,B,C etc = location at the Testaccio, implying specific dates.

Bo. = G. Bonsor, *The archaeological expedition along the Guadalquivir*, New York, 1931. The numbers refer to the catalogue of stamps.

Call. = M. Callender, *Roman Amphorae*. Oxford, 1965. The numbers refer to the catalogue of stamps.

Chic = G. Chic-Garcia, *Epigrafía anfórica de la Bética*. Seville, 1985. The numbers refer to the quoted page.

Kilcher = S. Martin-Kilcher, *Die römischen Amphoren aus Augst und Kaiseraugst*. Augst, 1987. The numbers refer to the catalogue of stamps.

Liou = B. Liou, Inscriptions peintes sur amphores, *Archaeonautica*, 7: 55-141.

Ostia III = Clementina Panella, Appunti su un gruppo di anfore di prima, media e tarda età imperiale (secoli I-V d.C.), *Studi Miscellanei*, 21, Ostia III: 463-633.

Po. = M. Ponsich, *Implantation rurale antique sur le Bas-Guadalquivir*, vol. I, Madrid, 1974; vol. II, Paris, 1979. The numbers refer to volume, page and number in the catalogue of sites.

Port-Vendres II = D. Colls *et al.*, *L'épave Port-Vendres II et le commerce de la Bétique a l'époque de Claude*. Paris, 1977.

Remesal = J. Remesal, *La annonna militaris y la exportación del aceite bético a Germania*. Madrid, Universidad Complutense de Madrid, 1986. The numbers refer to the catalogue of stamps.

Rodriguez-Almeida, Bolli = E. Rodriguez-Almeida, Bolli anforari di Monte Testaccio, *Bolletino Comunale*, 1977: 199-247.

Verulamium I = Frere 1972.

Verulamium II = Frere 1983.

Zevi = F. Zevi, Scavi ad Ostia, *Notizie degli Scavi dell'Antichità... Romana*, 26, 1972: 404-432.

Amphora production centres are located on the map.

The stamps are classified by the Roman *nomen*, usually the second letter of a set of three letters representing the Roman *tria nomina*. The names are considered to refer to estate owners or to owners of the olive oil inside the amphora. There are also the names of potteries, usually explicitly referred to as *figlinae* ("potteries"). After the name of the producing *figlina* there are also the names of the most probable regional centre in Baetica and finally the name of one of the three *conuentus* or "counties" in which the Baetis Valley was administratively divided (Hispalis = Seville; Astigi = Écija; Corduba = Córdoba). These data are studied in the latter part of this paper.

1. LANTSVRI



Published in *Verulamium III*, xiv, no. 5 as *LNI SVIR* and Call. 901b

Cf. *Chic* 9.

FP: *Verulamium*.

SP: VM (87.750).

Fabric: grey.

Handle: long.

Size: 1.8 x 0.6.

CD: AD 60-80.

Figlina: El Temple 59 (after *Chic*)

Almodóvar del Río

Corduba

Reading: L()ANT()SVRI

3. ...AC



Unpublished.

FP: *Verulamium*.

SP: VM (82.155).

Fabric: grey.

Handle: long.

Reading: ...AC

2. TATILIASI



Unpublished.

Cf. *Remesal* 42, CIL 2717, Call. 1696, Po.1, 182, 191, nos. 122, 124, 136.

FP: *Verulamium*.

SP: VM (79.2591).

Fabric: grey.

Size: 2.6 x 0.8.

OCD: Funari 41a = AD 160-300 (unpublished data).

Avenches = AD 50-110.

Kilcher 16 = AD 50-110.

AD 50-130.

DOC: AD 50-115 (*Remesal*, Will, Kilcher).

Figlinae: Adelfa 8, Juan Barva 9 & Tostoneras 12

Arva

Hispalis

Reading: T()ATILI ASI<atici>

4. ...C...



Unpublished.

FP: *Verulamium*.

SP: VM (VAKP 39 IA 82,149).

Fabric: reddish.

Handle: round.

a. C.



Unpublished.

FP: *Verulamium*.

SP: VM (site A, 1930, ins.I, bld.I, rammed filling north of cellar, 82.189).

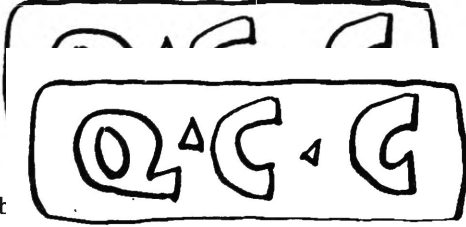
Fabric: red.

Handle: medium.

Size: 0.7.



5. Q.C.C



Pub
Cf. Remesal 69, CIL 2763, Call. 1441, Po.2,62,128.
FP: Verulamium.
SP (VM (87.1965).
Fabric: grey.
Size: 2.4 x 1.9.
CD: AD 310-5 (= cellar filling)
OCD: Avenches = AD 90-120.
Augst = AD 165-200.
Figlina: Las Sesenta 30
Mesa de Lora
Hispalis
Reading: Q()C()C()

6. ICI



Published in Verulamium I, fig. 144, no. 2
Cf. Call. 826.
FP: Verulamium.
SP: VM (87.1968).
Fabric: grey-reddish.
Size: 1.3 x 1.0
CD: AD 130-150
Reading: I()C()I()

7. QCR



a. Q.C.C.I



Unpublished.
FP: Verulamium.
SP: VM (87.1969)
Fabric: grey.
Handle: long.
Size: 2.6 x 0.6.
Reading: Q()C()C()I()

Unpublished.
Cf. Remesal 69, CIL 2763, Call. 1441.
FP: Verulamium.
SP: VM (82.180).
Fabric: grey.
Handle: long.
Size: 1.6 x 0.7.
OCD: Avenches = AD 40-90.
Kilcher 30 = AD 30-70
AD 50-130 minimum: AD 70
AD 70-90
Funari 71 a = AD 60-75 (unpublished data).
DOC: Trajanic (Rodríguez-Almeida, bolli, p. 236).
Reading: Q()C()R()

8. MMCS

Unpublished.
 Cf. CIL 2766, K,L. Call.1049.
 Cf. Remesal 71, CIL 2998b, C,G (cf. CIL 4349),
 Call. 1139f, Will 44, Po.1,145.
 FP: Verulamium.
 SP: VM (82.156).
 Fabric: grey.
 Handle: medium.
 Size: 0.7.
 OCD: Testaccio, CIL 4349 = AD 161 (M.MCSVR)
 Figlina: Tejarillo 5 (if MMCSANTO)
 Arva
 Hispalis
 Reading: MM()C()S(), after Remesal or
 M()MA()C()S(), after Dressel

10. QFAT

Unpublished.
 Cf. Call. 1447, Po.1,160,64.
 FP: Verulamium.
 SP: VM (87.1971).
 Fabric: grey.
 Handle: round-medium.
 Size: 1.6 x 0.9.
 Figlina: Arva 5
 Arva
 Hispalis
 Reading: Q(F)AT()

9. FIGED (retro)

Unpublished.
 Cf. Remesal 88 (FIGEDOPP), Po.2,165,38, CIL
 2604, Call. 33.
 FP: Verulamium.
 SP VM (82.151).
 Fabric: red.
 Handle: round.
 Size: 1.2.
 DOC: III c. (Remesal, typology).
 Figlina: La Corrigidora 47
 Posadas/Guadalcazar/Palma
 Corduba
 Reading: FIG(lina)ED(opinana)

11. LFC ESCCVFP

Unpublished.
 Cf. Call. 851, CIL VII, 1331, 48, CIL 2587-94,
 Po.2,165,39 (=LFC and CVF).
 FP: Verulamium.
 SP: VM (82.185).
 Size: 4.0 x 0.7.
 OCD: CIL 3977-8 = AD 149.
 Figlina: La Estrella 53
 Palma del Río
 Corduba?
 Reading: L()F()C()CRESC(entis)CVF(iense)P() or
 L()F()C()CRESC()C(larissimus)V(ir)FI(), after
 Remesal (1989).

a. ESCCVFP



Unpublished.

FP: Verulamium.

SP: VM (82.187).

Fabric: grey.

Size: 2.6 x 0.7.

Professor Remesal published in 1989 a study of these stamps, to which I send the reader to a complete analysis. It is based on the identification of a family C(), being active for generations in the region. LFC would thus be identified as Fabius Cilo Septiminus Acilianus Lepidus Fulcianus, *clarissimus uir*, ordinary consul in AD 204, LFCCRESCCVF being another person of the same family (Remesal 1989: 143-5). Dressel found LFCCVFS in forma littera M (= AD 145-161) and LFCCVFS (retro) in forma littera L (= AD 179-180), earlier thus than the proposed identification with Lucius Fabius Cilo (Remesal 1989: 144). Anyway, if C()V() refer to *clarissimus uir* then there is a need to explain CIL 2587, CVFIENSE.

12. Q.FC



Unpublished.

Cf. Remesal 98 (QFC), CIL 2835, B.C.F.M. Call. 1449, Po.2,102,34. Liou (1987: 129-131).

FP: Verulamium.

SP: VM (87.1970, Ins.XIV. A, II, 27, 1958).

Fabric: grey.

Size: 0.7.

OCD: Testaccio B.C.M = AD 145-161.

Testaccio F = AD 161.

Kilcher 50 = AD 90-130.

Liou = AD 120-125.

Ostia = Flavian or earlier (cf. Zevi & Pohl 1970: 46).

Figlina: Peñaflor 37

Peñaflor

Hispalis

Reading: Q()F()C()



Published in Verulamium I, fig. 144, n. 7, p. 370.

FP: Verulamium.

SP: VM (87.1967, Ins. XIV. III, 3b).

Fabric: grey.

Handle: long.

13. QFV (retro) or QFA<T>



Published in Verulamium III, fig. 117, n.9 as QFATB (?).

Cf. CIL 2873 (QFV retro).

FP: Verulamium.

SP: VM (87.753, Ins. XXVIII, bld.3, 58D XX4).

Fabric: reddish.

Handle: medium.

Size: 1.7 x 0.7.

CD: AD 140-160.

Figlina: if QFAT = Arva 5

Arva

Hispalis

Reading: Q()F()V() or Q()F()AT()

14. D.I.A



Unpublished.

Cf. Call. 535, CIL 2918a,B,C,D., Po.2,85,28; 91,57, Remesal 132.

FP: Verulamium.

SP: VM (82.181).

Size: 1.8 x 0.6 (1.4 x 0.6).

OCD: Testaccio B,C = AD 145-161.

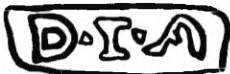
Figlinae: La María 32 and El Berro 33

Lora del Río

Hispalis

Reading: D(I)A()

a. D.I.A (litteris cauis)



Published in Verulamium I, fig. 144, n.1, p. 370.

FP: Verulamium.

SP: VM (87.1964, T VII4, IIC, room 4).

Fabric: grey.

Size: 1.3 x 0.4.

CD: AD 140-150.

15. II IVNI.MELISS



ETMELISSE

Unpublished ?

Cf. Remesal 157, CIL 2967, Call. 878, Bo.80.

FP: Verulamium.

SP: VM (28.1012, GOR 80, 3917-2016).

Fabric: red.

Handle: round.

Size: 2.0 x 0.9.

OCD: Testaccio H = AD 214-222 (LIVNIMELISSI)

Kilcher 69 = AD 210-250

Figlina: Las Delicias 71

Segovia

Astigi

Reading: II IVNI MELISSI ET MELISSE

a. II IVN ME



ET MELI

Unpublished.

FP: Verulamium.

SP: VM (82.186).

Fabric: red.

Handle: round.

Size: 2.11 x 0.8.

16. L.I.T



Unpublished.

Cf. Remesal 148, CIL 2947, G,K,L, Po.2,36,71 and 40,73.

FP: Verulamium.

SP: VM (82.148).

Fabric: red.

Handle: round.

Size: 1.9 x 0.8.

OCD: Testaccio G = AD 160.

Testaccio K,L = AD 179-180.

Kilcher 68 = AD 170-180.

(Minimum: AD 160-179).

Figlina: Alamo Alto 17 & La Catria 19

Mesa de Lora

Hispalis

Reading: L(I)()T()

17. ALFM

Unpublished, unparalleled.

FP: Verulamium.

SP: VM (82.182).

Fabric: grey.

Handle: long.

Size: 2.0 x 0.5.

Reading: A(L)F(M)

19. NQOCC

Unpublished.

Cf. If POROCODV, Remesal 191, CIL 2736, Call. 1370,18, Po.2,34,67; cf. CIL 3058 (PORODV).

FP: Verulamium.

SP: VM (82.1419, p.24-6a).

Fabric: grey.

Handle: long.

Size: 2.0 x 0.6.

OCD: Kilcher 92 = AD 30-70.

AD 70-100. (Minimum: AD 70)

AD 30-90.

AD 20-90.

Nimega = Flavian-Trajanic (=Remesal 191).

Cologne = Tiberian (= Remesal 191)

Figlina: La Catria 19, Mochales 18, C.del Guerra 13, Olivo 24

Mesa de Lora

Hispalis

Reading: POR(tu)OC()ODV() ?

Although the identification of this stamp is not sure, the OC linked letters suggest that it is a POROCODV or BROCODV stamp.

18

Unpublished; interpreted by Carreras (unpublished data) as an unparalleled stamp MLFN.

Cf. Call. 1130, CIL 2973, K, = MLFCP.

FP: Verulamium.

SP: VM (82.152).

Fabric: grey.

Handle: long.

Size: 2.3 x 0.8.

OCD: Testaccio K = AD 179-180.

Reading: M(L)F(C)P() or T() or L() (Callender's reading: M(L)F)CL()

20. L.M.A

Published in Verulamium I, fig. 144, n.3, p.370 and quoted in Call. 887; unparalleled.

FP: Verulamium.

SP: VM (87.1966, Ins. XIV, a, III).

Size: 1.6 x 0.10.

Reading: L(M)A()

21. QMR



Unpublished.
Cf. Remesal 169h, CIL 3010c, C,F, Call.1481.
FP: Verulamium.
SP: VM (83.1446, UCP,b.vi,2s)
Fabric: red.
Handle: round.
Size: 0.7.
OCD: Kilcher 75 = AD 70-210.
Testaccio C,F = AD 145-161.
Reading: Q(M)R()

23. APCO



Published in Verulamium III, fig. 107, n.7.
Cf. CIL 3068, (APECO), Remesal 196 (APC), Call. 96.
FP: Verulamium.
SP: VM (87.755, Ins.XXVIII, 58 V 5).
Fabric: grey reddish.
Handle: long.
Size: 1.8 x 0.6.
CD: AD 220-225.
OCD: in uentre elsewhere = III century.
Figlina: La Catria 19
Mesa de Lora
Hispalis
Reading: A(P)C(O) or A(P)C(O)O()

22. DOMS



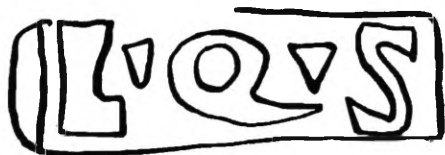
Published in Verulamium I, fig. 117, n.4.
Cf. Remesal 188, CIL 2800, B,C, Call. 552, Po.1,141,45.
FP: Verulamium.
SP: VM (87.748, building xxviii 2).
Fabric: grey.
Size: 2.0 x 0.8.
OCD: Testaccio B,C = AD 145-161.
CIL 3863 = AD 146.
CIL 2800b = AD 154.
Figlina: Alcolea 4
Alcolea
Hispalis
Reading: D(O)M(S) (after Remesal) or DOM(iti)S (after Dressel).

24. AP.I or AP.M



Published in Verulamium III, fig. 117, n.2 as AP.M.
Cf. If APM, CIL 3072, Call. 105, Remesal 198.
FP: Verulamium.
SP: VM (87.756, Ins. XIV,57 V X 12).
Fabric: grey.
Size: 1.9 x 0.6.
CD: AD 130-145.
OCD: Avenches = Trajanic.
Augst = c.AD 50
Reading: A(P)M() or I()

25. L.Q.S



Unpublished.

Cf. Remesal 216, CIL 3109a, K,L, Call. 922, Po.1,141,45;187,125).

FP: Verulamium.

SP: VM (82.147, site A).

Fabric: grey-reddish.

Size: 2.4 x 1.9.

OCD: Testaccio K, L = AD 179-180.

Kilcher 93 = AD 150-250.

AD 130-190.

Cochester in uentre = III century.

Figlinae: Alcolea 4 & Tesoro 10

Canama Arva?

Hispalis

Reading: L(Q)S()

26. GRADOS



Unpublished.

Cf. Remesal 218, CIL 3121,H,L, Po.2,46,84, Rodríguez-Almeida, bolli, p. 236.

FP: Verulamium.

SP: VM (88.515, site A, 1930, ins.II, blg.I, room 2, tessellated floor).

Fabric: red.

Handle: round.

Size: 2.0 x 0.5.

OCD: Testaccio H = AD 214-222.

Testaccio L = AD 179-180 (CIL 3121b, one line stamp).

Zevi (1972: 417) = c. AD 250.

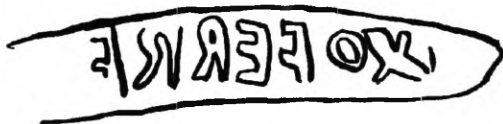
Figlina: Manuel Nieto 25

Mesa de Lora

Hispalis

Reading: G(R)A() <ET> D(O)S() (after Remesal) or G(RA)DOS() (after Dressel).

27. AXOFERRE



Unpublished.

Cf. If SAXOFERR, Remesal 249, CIL 3167g, B,C,F,M, Call. 1573, Po.2,111,117.

FP: Verulamium.

SP: VM (82.154).

Fabric: red.

Handle: medium.

Size: 0.7.

OCD: CIL 4171 = AD 149 (=SAXOFERR).

Testaccio B,C,M = AD 145-161.

Testaccio B, C = AD 145-161 (SAXOFERR).

Figlina: Huertas del R;o 38

Palma del Río?

Corduba (cf. CIL 4171)

Reading: S>AXOFERR

This *figlina saxoferreo* is also quoted in a *titulus delta* inscription: *r cord ccii/arca iiiii figl (linae) Saxo<ferreo>/Orfito et Prisco* (AD 149).

28. MS<P>



Unpublished.

Cf. CIL 3155, G,K,M, Call. 1180, Po.1,180,120, Remesal 231.

FP: Verulamium.

SP: VM (82.183).

Fabric: grey.

Size: 1.9 x 0.5.

OCD: Testaccio G = AD 160.

Testaccio M = 145-161.

Testaccio K = AD 179-180.

Figlina: Guadajoz 7

Arva

Hispalis

Reading: M()S()P()

29. FIGLINA.ACIRGI



M.S.MAV<RIANI>

Unpublished.

Cf. CIL XV,2, 2574a, Call. 18a; cf. Remesal 230 (MSM/ACIRGI).

Cf. Remesal 182 (MAVR), CIL 3027, Call.1034; Po.2,51,91, Remesal 44 (ACIRGIF), CIL 2575.

FP: Verulamium.

SP: VM.

Fabric: red.

Handle: round.

Size: 3.0 x 1.0.

DOC: III c.

Figlina : La Catria 19 ?

Mesa de Lora?

Hispalis?

Reading: FIGLINA ACIRGIENSIS / m(s) MAVRI (ani) or

<ex> FIGLIN(is) ACIRG(ianis?) M(S)MAVRI... (after Dressel).

30. SAE NB



Published in Verulamium I, fig. 144, n.8 as SAENIN.B?

Cf. CIL 3304 (SAENIN.B), Call. 1559g; cf. CIL VII, 1331,118.

FP: Verulamium.

SP: VM (80.2640, B I 68, pit7).

Fabric: grey.

Handle: long.

Size: 2.3 x 0.6.

CD: AD 60-75.

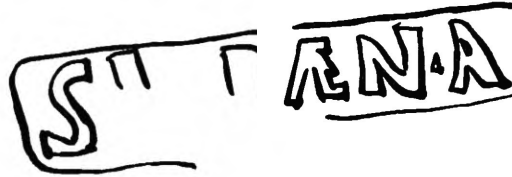
Figlina: Huertas del Río 21

Lora del Río

Hispalis

Reading: SAENI N() B() or SAENIA()B()

a. SA



Unpublished.

FP: Verulamium.

SP: VM (88.523, bld.I,site A,1930,insula II).

Fabric: grey.

Handle: long.

Size: 1.7 x 0.7.

Reading: SAENI

b. AEN.A



Published in Verulamium I, fig. 144, n.9 as SAENE or VENVS.

FP: Verulamium.

SP: VM (87.1963, B IV 9J, IID, room 43).

Handle: long.

Size: 0.6.

CD: AD 150-155/160.

Reading: SAENIA

c. AEN.



Unpublished.

FP: Verulamium.

SP: VM (84.1449, 1958, ins.xiv).

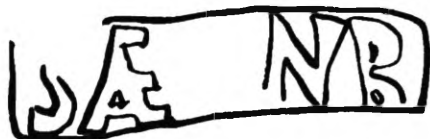
Fabric: grey.

Handle: medium.

Size: 0.6.

Reading: SAENI

31. SNTE



Published in Verulamium I, fig. 144, n.5 as PNSI or PNS; unparalleled.

FP: Verulamium.

SP: VM (87.1962, ins. XIV).

Fabric: reddish.

Handle: round.

Size: 1.6 x 0.5.

Reading: S(N)(T)(E)?



Unpublished.

Cf. Remesal 242, CIL 3176, Call. 1363.

FP: Verulamium.

SP: VM (82.179).

Fabric: grey.

Handle: long.

Size: 2.10 x 0.6.

OCD: Port-Vendres II = c. AD 40.

Avenches = AD 50-90.

Kilcher 112 = AD 30-50.

AD 50-110.

AD 0-50.

AD 30-70. Minimum: AD 50

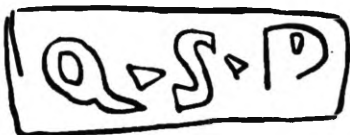
AD 30-130.

AD 10-50.

Sheepen = Pre-Boudiccan = before AD 60.

Reading: C()SEMPRONI> POLYCLITI

32. Q.S.P



Unpublished.

Cf. Remesal 234, CIL 3156, Call. 1504.

FP: Verulamium.

SP: VM (82.153, b.III,23, central, 28.7.55,t.6).

Fabric: grey.

Handle: long.

Size: 2.0 x 0.8.

OCD: Vindolanda = c. AD 90, before AD 105 (Funari 1991).

Avenches = AD 90-110.

Ostia = c. 90 (= Ostia III, p.124;254).

Kilcher 103 = AD 90-110.

Figlina: Encinarejo Bajo 74

Posadas?

Corduba

Reading: Q(S)P()

a. POLYCLITI



Published in Verulamium III, fig. 117, n. 8 as POST.CVRTI.

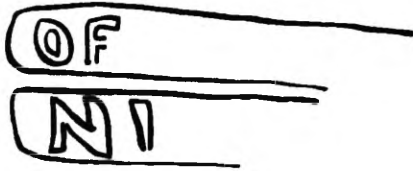
FP: Verulamium.

SP: VM (87.749, Ver.1957, ins. XXVIII, b.l, y, II 23).

Fabric: grey.

Size: 1.8 x 0.7.

34. OF



NI

Unpublished.

Cf. FSCIMINIANI, Remesal 251, CIL 3169a, I,H, Call. 1579, Bo.81-83.

FP: Verulamium.

SP: VM (82.1888)

Fabric: red.

Size: 0.10.

OCD: Testaccio H,I = AD 214-222 (= SCIMINIANO).

Figlina: Las Delicias 71

Astigi

Astigi

Reading: OF(cinia) SCIMINIANO or O (leum?)

F(figlina)

SCIMINIANO

35. STATANIENSA



Published in Verulamium III, fig. 117, no.11, as STAT<I>AN<I>ENSA.

Cf. CIL 3192, Call. 1670b, Po.2,67,139, remesal 253.

FP: Verulamium.

SP: VM (87.752, ins. XVIII, 61 N).

Fabric: grey.

Size: 0.6.

OCD: Augst = AD 150-250.

Figlina: Tarancón 67

Segovia? Astigi?

Astigi

Reading: STATANIENSA

36. P.TM



Published in Verulamium I, fig.144, n. 4, a P.M...; unparalleled.

FP: Verulamium.

SP: VM (87.1969, 37.e, Ver. 1958, ins. XIV, B.II, accumulation outside room 19).

Size: 0.6.

Vessel size: rim = 16.5 cm.

neck = 10 cm.

DOC: rim like Port-Vendres II vessels = c. AD 40.

Reading: P(T)M(?)

37. VAL.FAVS



Published in Verulamium, fig. 117, n.12.

Cf. CIL 3217, Call. 1409d.

FP: Verulamium.

SP: VM (87.751, Ver.1957, ins. XVII, 57 K VII H 10).

Fabric: grey.

Handle: medium.

Size: 1.10 x 0.7.

Reading: VAL()FAVS()

38. L.VARIONIS



Published in Verulamium III, fig. 107, n. 6.
 Cf. Call. 974.
 FP: Verulamium.
 SP: VM (87.754, ins. XXI, 59 L VI 5).
 Fabric: grey.
 Handle: medium.
 Size: 2.6 x 0.6.
 OCD: Colchester = before AD 65.
 Reading: L()VARIONIS

Table 1
Stamp Size

Height in Vnciae	Number of stamps	%
0.4	1	2.1%
0.5	4	8.6%
0.6	14	30.4%
0.7	13	28.2%
0.8	7	15.2%
0.9	3	6.5%
0.10	2	4.3%
1	2	4.3%
Total	46	100%

39. V V



Unpublished.
 Cf. CIL 3249 (V.V.I).
 FP: Verulamium.
 SP: VM (Mount Pleasant 1960 well).
 Fabric: red.
 Size: 0.9.
 Reading: V()V()

Stamp size analysis

Dressel 20 stamps usually follow some standard Roman inches sizes, most notably the half an inch or *semuncia* height (c.12.5 mm). More than thirty percent of all stamps from Verulamium follow this standard (Table 1) and it is probable that we should include the 0.7 stamps in this category, considering the lack of sharpness in both ours and ancient rulers. In that case, 58.6% of all stamps measure c. half a Roman inch, almost the same result for 489 Dressel 20 stamps found elsewhere in Britain (57%;

unpublished data collected by the author). Many stamps follow specific standards, like *sesuncia x semuncia* (= 1.8 x 0.6; e.g. Stamp n.1), *sesuncia x digitus* (= 1.6 x 0.9; e.g. Stamp n. 10), *sextans x semuncia* (= 2.0 x 0.6; e.g. Stamp n. 19), *uncia et digitus x semuncia* (= 1.9 x 0.6; e.g. Stamp n. 24), *quadrans x uncia* (=3.0 x 1.0; e.g. Stamp n. 29), *sextans et lycus x semuncia* (= 2.3 x 0.6; e.g. Stamp n. 30) and *sextans et semuncia x semuncia* (= 2.6 x 0.6; e.g. Stamp n. 38; Table 2).

Chronological analysis

Thirty eight stamps from Verulamium are datable (Table 3). Antonine stamps are a plurality (42%), with a good representation of late, Flavian and Flavian-Trajanic samples. The small percentage of Pre-Flavian stamps remains to be explained, considering that at London, for example, 24% of all stamps are early, and at Verulamium only 7.8% (the figures for the third century are quite similar, 15.7% at Verulamium and 15% at London).

Origin of the amphorae in Baetica

Thirty stamps from Verulamium can be assigned to producing potteries in Baetica (Table 4 and 5).

Table 2
Stamp Size, all stamps

1- 1.8 x 0.6	22- 2.0 x 0.8
2- 2.6 x 0.8	23- 1.8 x 0.6
4a- 0.7	24- 1.9 x 0.6
5- 2.4 x 1.9	25- 2.4 x 1.9
5a- 2.6 x 0.6	26- 2.0 x 0.5
6- 1.3 x 1.0	27- 0.7
7- 1.6 x 0.7	28- 1.9 x 0.5
9- 0.7	29- 3.0 x 1.0
10- 1.6 x 0.9	30- 2.3 x 0.6
11- 4.0 x 0.7	30a- 1.7 x 0.7
11a- 2.6 x 0.7	30b- 0.6
12- 0.7	30c- 0.6
13- 1.7 x 0.7	31- 1.6 x 0.5
14- 1.8 x 0.6	32- 2.0 x 0.8
14a- 1.3 x 0.4	33- 2.10 x 0.6
15- 2.0 x 0.9	33a- 1.8 x 0.7
15a- 2.11 x 0.8	34- 0.10
16- 1.9 x 0.8	35- 0.6
17- 2.0 x 0.5	36- 0.6
18- 2.3 x 0.8	37- 1.10 x 0.7
19- 2.0 x 0.6	38- 2.6 x 0.6
20- 1.6 x 0.10	39- 0.9
21- 0.7	

Comparing the percentages of stamps and of potteries located in each of the three *conuentus* exporting olive oil it is clear that the Hispalis region with only half the potteries was able to export two thirds of the stamped amphorae, while Astigi exported less than expected (13.3% for 17.1% of all potteries) and Corduba even less (19.9% for 30.% of all potteries). Comparing these data with those from London, it is possible to suppose

Table 3
Datable Stamps

PR-FL	FL	FL-TR	HAD	C.150	C.180	IIIC.
3 =	6 =	6 =	1 =	13 =	3 =	6 =
7.8%	15.7%	15.7%	2.6%	34.2%	7.8%	15.7%

that Hispalis dominated both markets (66.6% at Verulamium, 70% at London), Corduba was more successful at Verulamium (19.9%) than at London (12.5%) and Astigi more active at London (17%) than at Verulamium (13.3%). If we compare the data from Verulamium, London and six German sites (Nimega, Cologne, Mainz, Saalburg, Zugmantel, Nida) it is interesting to note that almost the same percentage come from La Catria and its region (Verulamium = 50%; London = 53.6%; Germania = 47%), the single largest exporting area to the frontiers.

Considering the twenty eight stamps that can be dated and assigned to a producing pottery in Baetica, 21.3% are Flavian and Flavian-Trajanic, 53.5% are Antonine and 24.9% are third century stamps. Amphorae from La Catria Region decline from 100% in Flavian times through 33.3% in the

Table 4
Figlinae

Conuentus	Stamps	%	Potteries	%
Hispalis	20	66.6	38	49.9
1-2	1	3.3	2	2.6
3-12	6	19.9	10	13.1
13-33	11	36.6	18	23.6
34-37	2	6.6	4	5.2
Astigi	4	13.3	13	17.1
39;62-71	4	13.3	11	14.4
Corduba	6	19.9	25	32.8
38;40-61	5	16.6	23	30.2
Encin.	1	3.3	1	1.3
Total	30	100	76	100

Table 5
Stamps from Regions in Baetica

	Verulamium	London	Germania
Catria	3 = 13.6%	39 = 28.6%	97 = 26%
Catria Region	8 = 36.8%	34 = 24.9%	73 = 20%
Total	11 = 50%	73 = 53.6%	170 = 47%
Arva	1 = 4.5%	9 = 6.6%	19 = 5.6%
Arva Region	4 = 18.1%	16 = 11.7%	43 = 11%
Canama	2 = 9.0%	16 = 11.7%	44 = 12%
Delicias	1 = 4.5%	11 = 8%	29 = 8%
Delicias Region	3 = 13.6%	0 = 0%	2 = 0.5%
Total	22 = 100%	136 = 100%	361 = 100%

Antonine period up to their absence in the third century. This is in contrast to the stable figures in London (24.9%; 27.7%; 20%; 22%; 23.8%) but it is difficult to say if the smaller sample from Verulamium (only 28 stamps) in comparison with London (120 stamps) is not at least a partial explanation for this difference. On the other hand, the material from Corduba is more evenly represented at Verulamium (50%; 24.9%; 28.5%) than at London (3.5%; 37.4%; 5%).

Conclusion

The collection of Dressel 20 stamps from Verulamium adds to our knowledge of olive oil consumption in Roman Britain, particularly in the

civilian area in the South and East of the province. The main conclusions are:

1. Hispalis producers exported to Verulamium at the average level of Britain (Verulamium = 66.6%; Britain = 70.4%), while Corduba exported much more to Verulamium than the average (Verulamium = 19.9%; Britain = 6.5%). In that case, the closest parallel is to be found in London. Astigi producers, as a consequence, exported less than the average (Verulamium = 13.3%; Britain = 22.8%) and the closest parallel is found at Caerleon (13.6%);

2. In chronological terms, Pre-Flavian stamps are underrepresented at Verulamium (7.8%; Britain = 39.5%), as is the third century material (Verulamium 15.7%; Britain = 20.9%). As a consequence, Flavian and Flavian-Trajanic stamps represent 31.4% while for Britain the figure is only 12.7%. Perhaps this could be explained by the development of the city at this period, although it could also be the result of different excavation data.

The detailed study of Dressel 20 stamps from different sites is the only way of enhancing our understanding of the olive oil consumption in Roman Britain (Funari 1991: 71). Moreover, the publication of stamps from museum collections is a way of producing catalogues to be used by other scholars interested in the stored material.

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I am particularly indebted to Dr. Chris Green and to the Verulamium Museum for the access to the stamps. I owe thanks also to the following colleagues who forward papers (sometimes unpublished ones), exchanged ideas and helped me in different ways: César Carreras, José Remesal and Beth Richardson.

First letter index of stamps

AC (3)	M.L.F (18)
AEN. (30C)	MMCS (8)
AEN.A (30B)	MS<P> (28)
ALFM (17)	NQOCC (19)
AP.I (24)	OF NI (34)
APCO (23)	P.TM (36)
AXOFERRE (27)	POLYCLITI (33)
C (4)	POLYCLITI (33A)
D.I.A (14)	Q.C.C (5)
D.I.A (14A)	Q.C.C.I (5A)
DOMS (22)	Q.FC (12)
ESCCVFP (11A)	Q.SP (32)
FIGED (9)	QCR (7)
FIGLINA.ACIRGI MS MAV (29)	QF.C (12A)
GRADOS (26)	QFAT (10)
ICI (6)	QFV (13)
IIIVN.MEETMELI (15A)	QMR (21)
IIIVNIMELISSETMELISSE (15)	SA (30A)
L.I.T (16)	SAENB (30)
L.M.A (20)	SNTE (31)
L.Q.S (25)	STATANIENSA (35)
L.VARIONIS (38)	TATILASI (2)
LANTSVRI (1)	V.V (39).
LFC ESCCUFP (11)	VAL.FAVS (37)

FUNARI, P.P.A. Dressel 20 stamps from the Verulamium Museum. *Rev. do Museu de Arqueologia e Etnologia*, São Paulo, 9: 143-161, 1999.

ABSTRACT: The paper deals with Dressel 20 amphora stamps stored at the Verulamium Museum (U.K.). After an introduction to the Dressel 20 amphorae and to the Roman city of Verulamium (nowadays Saint Albans, U.K.), there is a catalogue of 39 different stamps rubbed by the author. Each stamp is referred to earlier literature, to the probable producing potteries and to stamps dated contextually elsewhere. A stamp size and chronological analysis is followed by a study of the origin of the amphorae in Baetica. The paper concludes emphasizing the importance of producing catalogues from museum collections.

UNITERMS: Roman amphorae – Dressel 20 – Roman Britain – Potteries in Baetica – Stamp size – Latin inscriptions.

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