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Address / Adres:
Bursa Uludağ University / Bursa Uludağ Üniversitesi
Faculty of Art and Sciences / Fen Edebiyat Fakültesi
Department of Archaeology / Arkeoloji Bölümü
16059 - Gürültü / BURSA – TÜRKİYE

Tel & Fax: +90 224 2941892
E-Mail: mosaiquesjournal@gmail.com
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José María Blázquez Martínez (Professor of Ancient History and Fellow of the Spanish Royal Academy of History) passed away on March 26, 2016, in the city of Madrid (Spain) after a full life devoted to teaching, scientific research and the spread of antiquity; and leaving all of us -who have had the immense fortune to enjoy his mastership and overwhelming personality-, with an immense sadness.

Prof. Blázquez graduated in Philosophy and Letters from the University of Salamanca in 1951 and defended his PhD in the Complutense University of Madrid in 1956. During the next decade, Prof. Blázquez continued his training under the supervision of Prof. Pallottino at the University of La Sapienza in Rome and, granted by the DAAD, at the University of Marburg, under the supervision of Prof. Matz and Prof. Drerup. Subsequently he made other successful research stays at the University of Tel Aviv, the British Academy of Rome, the University of Catania, and in the German Archaeological Institute branches at Istanbul, Damascus and Riyadh. In this regard, Prof. Blázquez always defended the importance of international networks that, through academic contact with other schools and colleagues, conceived as essential for personal development and the progress of scientific research.

After this intense formative period, José María Blázquez obtained a position as Professor of Ancient History at the University of Salamanca (1966-) and shortly after at the Complutense de Madrid (1969-), where he was designated as Professor Emeritus. At the same time, he was an active member of the former Institute of Archaeology "Rodrigo Caro" (CSIC), that he directed during more than ten years (1973-1985). Finally, in recognition to his academic trajectory, Professor Blázquez was elected as a Fellow of the Spanish Royal Academy of History. In all these institutions Prof. Blázquez developed a brilliant contribution to the promotion of Ancient History in Spain, especially important was his capacity for mentoring (he supervised more than 40 PhDs during his academic life) large teams of teachers and researchers, that obtained several tenured positions in different universities and academic institutions. He was also a prolific author publishing many handbooks and monographs that are authentic milestones in history the Spanish scholarship (i. e. La Romanización, Historia social y económica. La España Romana. Economía de la Hispania romana, Bilbao, 1978, Historia de España Antigua, I. Protohistoria, Madrid, 1980; Historia de España Antigua II. Hispania romana, Madrid, 1978). Largely influential was also his leadership in the direction of the scientific journals as Archivo Español de Arqueología (1973-1987) and Gerión (1983-2010). In addition, Prof. Blázquez directed numerous archaeological excavations at Caparra (Cáceres), Cástulo (Jaén), La Loba (Fuenteovejuna, Córdoba), and in the Monte Testaccio (Rome).

By virtue of its training and its wide perspective, Prof. Blázquez's research trajectory was the reflection of the scientist dedicated to the study of antiquity, with a masterful management of
diverse written and archaeological sources, always connected with current intellectual debates of all social and human sciences. During his career published more than 37 books, acting of editor in other 9 monographs. He also published 234 articles in the most prestigious, both Spanish and International, scientific journals and several chapters in collective volumes. His research interests covered multiple areas on the study of antiquity: the Phoenician and Greek colonization of the Western Mediterranean, the Late Iron Age communities of the Iberian Peninsula, the study of Pre-Roman religions, the Impact of primitive Christianism in the Late Roman Empire, and, of course, the ancient economy of Roman Spain, with a special focus on the exports of Baetican olive oil.

Finally, we would like to highlight his research on Roman mosaics, whose first publication dates from 1975 - "Arte y Sociedad en los mosaicos del Bajo Imperio" [Art and Society in the mosaics of the Late Roman Empire] Bellas Artes 75, 1975, pp. 18-25 -soon followed by- "Mosaicos romanos del Bajo Imperio" [Roman mosaics of the Late Empire], Archivo Español de Arqueología 50-51, 1977, pp. 269-293. In this regard, Prof. Blázquez continued the a research line previously initiated by his teacher Prof. Antonio García y Bellido. Since 1976 to 1996, Prof. Blázquez promoted and directed the Corpus of Mosaics of Spain, within the framework of the international project sponsored by the AIEMA. Through this monumental labor, Prof. Blázquez contributed to establish the study of Roman mosaics as an authentic sub-discipline in the field of the Spanish Classical archaeology.

The obtention of several I+D Research projects, funded in competitive calls by the Spanish Ministry of Science (acting as Principal Investigator from 1976 to 1997) and an International Project of the Joint Hispanic-American Committee, with the University of West-Lafayette, Purdue (Indiana-USA), allowed Prof. Blázquez to create a permanent research team on the study of Roman mosaics. This team, which I (Prof. Neira Jiménez) am honored of have been part, managed the realization of the above mentioned Corpus de Mosaicos de España (CME), a work continued afterwards by its dear colleague, Dr. Guadalupe López Monteagudo (CSIC). In addition to the publication of 12 volumes of the CME, he presented numerous papers on the Hispanic, African and Near Eastern Roman mosaics in the most prestigious conferences on these topics, such as the International Congresses organized by the AIEMA or L’Africa romana conference, organized by the Centro di Studi sull’Africa Romana of the Università degli studi di Sassari, as well as in countless courses and seminars in other institutions and universities, such as the Roman Mosaic Seminar of the UC3M, to which he attended every year, without missing any of the 9 editions celebrated.

Prof. Blázquez was a firm believer in the work developed by AIEMA, having been named member of Honor of this scientific association. He also formed part of the editorial board of the Journal of Mosaic Research, where he published various articles, and presented papers in both the 11th International Colloquium on Ancient Mosaics, held in Bursa on 2009, and in the 5th Colloquium of AIEMA Turkey, held in Kahramanmaraş on 2011. Prof. Blázquez was a true lover of Turkey.

Prof. Blázquez was an unavoidable reference in the international scholarship on ancient mosaics, many colleagues who share our pain remember his vitality even in the XIII. AIEMA Congress held in Madrid on September 2015, where he gave the inaugural conference. As a testimony of his enthusiasm for the study of ancient mosaics, he was already thinking of traveling to the next AIEMA Congress scheduled for 2018 in Cyprus. Proof of his infinite generosity, he prepared
José María Blázquez Martínez in memoriam

tirelessly until the end of his days a text on Diana in the mosaics of Roman Spain for X SMR, held in September 2016 at Universidad Carlos III de Madrid.

His decisive contribution to the study of antiquity has earned him numerous recognitions from many international academic institutions and associations: Fellow of German Archaeological Institute (1968), Board member of the L’Association Internationale d’Épigraphie grecque et latine (AIEGL), Member of the Hispanic Society (1974); Fellow of the Academy of Arts and Archaeology of Bolonia (1980), Fellow of the Spanish Royal Academy of History (1990), Fellow of the New York Academy of Sciences (1993), Fellow of the Academia Nazionale dei Lincei (1994), Fellow of the Fine Arts Academy of Santa Isabel de Hungría (Seville) (1995), Fellow of the Real Academia de Bones Letres de Barcelona (1997), or Fellow of the Académie de Aix-en-Provence (1999), among others. He also received many prizes as the Franz Cumont prize from the Académie Royale de Belgique (1985), the Great Silver medal of Archaeology from l’Académie d’Architecture de Paris (1987), or the Cavalli d’Oro prize from Venice (2003). Prof. Blázquez was named doctor honoris causa by the universities of Valladolid (1999), Salamanca (2000), Bolonia (2001), León (2005), and Universidad Carlos III de Madrid (2015), and received the Orden del Mérito Civil, one of the highest recognitions granted by the Spanish govern.

He was a genius as scholar, but also a genial person. For both reasons, colleagues, students, and friends of many countries, that have the fortune of meet Prof. Blázquez during his life, feel a great emptiness for the loss of our dear teacher.

Prof. Dr. Mustafa Şahin
Bursa Uludağ University

Prof. María Luz Neira Jiménez
Universidad Carlos III de Madrid
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A New Mosaic Workshop in South Sardinia?
Güney Sardunya’dan Yeni Bir Mozaik Atölyesi?

Simonetta ANGIOLILLO*

(Received 30 October 2017, accepted after revision 22 June 2018)

Abstract
Up to now, two workshops have been identified in South Sardinia, at Nora, but the recent discovery in the surroundings of Cagliari of two late polychrome mosaics, one at Sarroch, the other at Settimo San Pietro, yielded new data, increasing our knowledge. Both of them present the same patterns - a chevrons rainbow style pattern and an orthogonal pattern of adjacent imbricated scales - and strong similarities in the style, while nothing similar has been found in the whole Sardinia; an unknown, common workshop can therefore be assumed.

But the floor at Settimo San Pietro includes a third panel which shows a geometric mosaic “à trame végétalisée”, exactly alike to other two which were found in Carthage and Maiorca, and we can assume a Carthaginian origin of this pattern. So, can we think to only one workshop for the three floors, even for the panel with chevrons and adjacent imbricated scales, and for the mosaic at Sarroch too? And responsible for these mosaics could be African itinerant workers or Sardinian craftsmen, with African models at their disposal? Literary, documentary and archaeological sources witness for the existence of cartoons and pattern books in the ancient world, but we know for sure that that itinerant craftsmen too existed. The present study will debate and analyze the different working hypotheses, but the answer is not yet possible, and we have to wait for more archaeological data and findings.

Keywords: Sardinia, mosaic, itinerant craftsmen, stationary workshops, pattern books, transmission of motifs.

Öz
Yakın zamana kadar Güney Sardunya’daki Nora’da iki atölyenin varlığı bilinmektediydi fakat Çağıları Bölgesi’nde yapılan son çalışmalarla birisi Sarroch diğeri Settimo San Pietro’da tespit edilen geç dönem ait iki çok renkli mozaikten yeni veriler elde edilmiştir. Her iki mozaik de aynı desenlerden oluşmaktadır, gökkuşağı gibi renkli şevronlardan oluşan bir desen ve bitişik düzende dikey olarak birbiri üstüne birleştirilmiş balık pula deseni. Tüm Sardunya’dan benzer desene sahip başka bir mozaik olmadığından bu mozaiklerin şimdiye kadar bilinmemeyen fakat tek bir atölye tarafından yapıldığı varsayılabilir.

Ancak Settimo San Pietro’daki mozaik düzenedeki üçüncü bir panelde bitkisel çerçeveyi (à trame végétalisée) içinde geometrik bir motif yer almaktadır ve bu motif Kartaca ve Mayorca’da tespit edilen iki mozaikle benzerlik göstermektedir. Bu bakımından bu desenin Kartaca kökenli olduğunu varsayabiliriz. Oyleyse, üç mozaik düzen içinde, yanı şevronlarla bezeli panel, bitişik düzende üst üstü bindirilmiş balık pullaryla bezenen panel ve Sarroch’da mozaik için, sadece bir atölyenin söz konusu olduğu düşünülebilir mi? Bu mozaikleri yapanlar Afrikalı seyyar zanaatkarsı mı yoksa Afrika kökenli desenleri bilen Sardunya’lı zanaatkarsı mı? Yazılı kanıtlar ve arkeolojik bulgular Antik Dünya’da desen kitaplarının ve çizim taslaklarının var olduğunu göstermektedir ancak aynı zamanda seyyar zanaatkarsıların da var olduğu kesin olarak bilinmektedir. Bu maddede farklı çalışma ipuçları tartışılıp analiz edilecektir. Ancak kesin bir cevap henüz mümkün değildir, bu yüzden yeni arkeolojik veri ve bulgulara ihtiyaç vardır.

Anahtar Kelimeler: Sardunya, mozaik, seyyar zanaatkarsı, geçici atölyeler, desen kitapları, motif yayılımı.

* Simonetta Angiolillo, Dipartimento di Storia, Beni culturali e Territorio, Università di Cagliari, Piazza Arsenale 1 - 09124 Cagliari, Italy.
ORCID ID: https://orcid.org/0000-0002-4093-6845. E-mail: simonetta.angiolillo@gmail.com

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Two interesting late mosaics have recently come to our knowledge in Southern Sardinia, one at Settimo San Pietro, 20 km E of Cagliari, in a site identified with Assinarium, mentioned by the Anonymous from Ravenna\(^1\), the other, now lost, was at Sarroch, 28 kilometres SW of Cagliari, not far from Nora\(^2\).

The Settimo San Pietro pavement has not yet been completely unearthed; the part we can see consists of three contiguous carpets: a geometric mosaic "à trame végétalisée", a chevrons rainbow style pattern and an orthogonal pattern of adjacent imbricated scales (Angiolillo 2007; Angiolillo 2011) (Fig. 1). We know about the pavement of Sarroch thanks to meagre news and a detailed watercolour painted in 1889, immediately after the excavations (Olevano – Esposito 2014) (Fig. 2). In this mosaic there were two contiguous rectangular panels, only one existing when it was excavated, and one semicircular. The preserved panels were framed by a polychrome guilloche and contained rainbow style chevrons and adjacent scales respectively.

Although our knowledge of the mosaics of Settimo San Pietro and Sarroch is not homogeneous - the first is still in situ, the other exists just in a watercolour - we cannot avoid to see good similarities between them because of the same selection of patterns (Fig. 3) and, most of all, on account of the way they were carried out. Similarity is especially clear in the case of adjacent imbricated scales, where we notice some features which were not widespread all over the Empire. In both of them, scales are painted in shaded colours, according to a semicircular line and are arranged so that they produce a slanting colour alternation, but colours are somehow different. The core of the scale is always black at Settimo San Pietro (Fig. 4) and it is surrounded by polychrome curvilinear rows of two different kind: in the first a green row, then a grey-blue and finally a

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1 Cf. Didu 1980-81: 211. The site Assinarium was along the way which went to the east coast of Sardinia from Karales, and Didu thinks that this name comes from Ad septimum miliarium.

2 This site too lies along the important via a Caralis Nura, or, as some milestones attest, a Nora Karalibus. About this road cf. Mastino 2005: 381-382.
white one; in the other a red row, then a dark yellow ochre, a yellow and finally a white one (Décor I: pl. 219a, variety). In the pavement of Sarroch the core is yellow, or brown, or green, or red or blue and the lines around it take up the same colours only with white, the palette seems to be more various and bright, but perhaps it is just a different choice of nuances: light blue and green prevail in the mosaic of Sarroch, yellow ochre, brown and red in that of Settimo San Pietro. Furthermore, we do not know the watercolour reliability about the range of colours which were used in the mosaic.

Yet the 19th century drawing is certainly reliable when it shows the kind of scales and their layout in the carpet. Actually, if imbricated scales are widespread all over the Roman Empire, not so favoured are curvilinear arrangement of coloured tesserae and slanting colour alternation. In Sardinia, where some pavements follow the imbricated scales pattern, only two of them (just the ones of Sarroch and Settimo San Pietro) show these peculiar features; in the others we find particoloured black and white or polychrome scales (Décor I: pl. 217d, e, variety)³. In other provinces of the Empire we know only a few examples of curvilinear arrangement of coloured tesserae and slanting colour alternation⁴.

As for rainbow style chevrons, Africa has yielded many floors decorated with them⁵, above all from 3rd century on, but there is some evidence of them

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3 Angiolillo 1981: n.12 (Nora, first half 3rd century AD), 103 (Cagliari, 3rd century AD), 107 (Cagliari, middle-end 2nd century AD), 119 (Capo Frasca 3rd century AD), 125 (Tharros, middle 3rd century AD).

4 Palo Laziale, Roma, (Cosentino - Foschi 1998: fig. 4). Bulla Regia (Hanoune 1980: 90-91 fig. 165, 170-171; 42 fig. 104), 3rd-4th century. Thuburbo Maius (Alexander - Ben Abed Ben Khader 1994: 82 n. 408 F table XXXVI), end 5th - beginning 6th century. Pupput (Ben Abed Ben Khader - Hanoune 2011: 105 fig. 12). Sufetula (Duval 1971: 286 fig. 327), end 5th - first half 6th century. Cillium (Darmon - Gozlan 2015: 117-118 fig. 11), second half 4th-beginning 5th century. Tingad (Germain 1969: 128 n. 194 table LXVI; 141-145 n. 222 table LXVII). Burgos (López Monteagudo et al. 1998: 29 n. 11 tavv. 14, 43), end 4th century. Lescar (Balmelle 1980: 134-138 n. 132 tables LXXII-LXXIII), end 4th-beginning 5th century. Dax (Balmelle 1987: 59-60 n. 189 table XXII), 4th century. Bordeaux (Balmelle 1983: 27, table XVI), 5th, or better 6th century, (De Matteis 2004: 72-76 n. 14 table XXIII, 5th-6th centuries; 91-92 n. 38 table XXLII, first half 6th century); De Matteis 2013: 47-48 and 124 n. 35, table XXXIII/3.

5 Utica (Alexander et al. 1973: 128 n. 145), second half 4th century. Bulla Regia (Hanoune 1980: 7 n. 5 fig. 10), not before 4th century. Dougga (Jeddi 2005: 536 fig. 5). Thuburbo Maius (Alexander et al. 1980: 45-46 n. 38D, table LXXVIII (beginning 4th century); 56-57 n. 45A table XXII, end 2nd - beginning 3rd century; 127 n. 101 table XLIX, 3rd century; 133-134 n. 105 table LI, beginning 3rd century. (Ben Abed-Ben Khader et al. 1985: 104 n. 235 table LVII, end 2nd - beginning 3rd century; 104-105 n. 236 table LXVII, end 2nd - beginning 3rd century). (Alexander - Ben Abed Ben Khader 1994: 5-6 n. 346 table V, 4th century; 44-45 n. 375A table LXXII, beginning 5th century; n. 408 G, end 5th - beginning 6th century). Pupput (Ben Abed Ben Khader 1994: 240 fig. 8) and 4th-beginning 5th century. Sousse (Foucher 1958: 21 table VI b), 3rd century. Sufetula (Duval 1971: 286 fig. 327), end 5th - first half 6th
elsewhere too.

It is difficult to date our pavements. About the lost mosaic of Sarroch, the archaeologist Filippo Vivanel did not give meaningful news, as he wrote: “Vi re-
konobbi un bellissimo pavimento di mosaico policromo, parte a squamme (sic),
parte a zig-zag, chiuso da cornice a nodi, il tutto a vivi colori e ben distribuiti; del
pavimento fu fatto un disegno dal sig. prof. Vincenzo Crespi” (Vivanel 1889).
The one of Settimo San Pietro, in its turn, has not yet been completely brought
to light and till now excavations have given no diagnostic findings. So we have
just to make an analysis of comparanda: they belong to a chronological range
between 4th and 5th century, but some of them are later. More useful is to examine
the third carpet (Fig. 5), the biggest of the room, a geometric mosaic “à trame
végétalisée” (Angiolillo 2007; Angiolillo 2011), exactly alike to other two which
were in Carthage (Beauregard et al. 1976: 66 figs. 13-15) and Maiorca (De Palol
1967: 220-221 fig. 76 table XXXIX), so that one could think that all of them
come from the same atelier, or are made from the same cartoon. According to
stratigraphy, the mosaic of Carthage has been dated to the end of Byzantine
period: more exactly K. M. D. Dunbabin hypothesizes the decades AD 533-583
(Senay - Beauregard 1978: 75-85; Dunbabin 1985: 14-15). In default of diag-
nostic findings we have to accept this datation for the mosaic of Settimo San
Pietro too.

Figure 5
Settimo San Pietro, mosaic:
Panel “à trame végétalisée”.
Photograph by the Author.
But let us go back to the mosaics with rainbow style chevrons and adjacent scales. Nothing similar has been found in the whole Sardinia, not even in the site of Villaspeciosa\(^7\) (not far from Cagliari), where a pavement with rainbow style and shaded colours, dated to the end of the 4\(^{th}\) century but reworked until the beginning of the 6\(^{th}\), can be ascribed to African workers. Therefore, a common workshop for both the mosaics of Settimo San Pietro and Sarroch can be suggested, however it is hard to determine whether it is an African or a local one.

Let us consider again the above mentioned carpet “à trame végétalisée” of Settimo and the others at Carthage and Maiorca: despite their great likeness, a few small variants suggest that the craftsmen are not the same. Instead of the birds painted in the middle of the circles on the pavements of Carthage and Maiorca, at Settimo there are geometric motifs and there are also some differences in colours and details. Literary, documentary and archaeological sources confirm that in the ancient world cartoons and pattern books did exist and travel remarkable distances\(^8\); responsible for the mosaic of Settimo was therefore possibly a local atelier\(^9\) which had an African model at its disposal\(^10\). On the other hand, because of the slight differences between Carthage, Maiorca and Settimo San Pietro mosaics the possibility should not be ruled out that the workshop was the same for the three floors\(^11\).

Up to now, two workshops have been identified at Nora (Lately, Angiolillo 2017): the first’s features are an original, and sometimes unique, revision of very popular geometric patterns and the use of just three colours, white, black and ochre. It was at work from the end of the 2\(^{nd}\) century. The second was trained at the school of the African craftsmen who worked in the so-called Casa dell’Atrio tetrastilo in the Severan period and who created very innovative mosaics, of a high technical level, with extremely small tesserae, new and complicated patterns and a rich polychromy. The local workers, who constituted this second atelier, learned repertoire, use of colours, magnificence of decorative framework from their African colleagues, but did not became as skilled as these were. Anyway, they made mosaics not only at Nora, but also in Karales and at Sulci, now Sant’Antioco. Beside these ateliers, as we said, African craftsmen worked at Nora (Casa dell’Atrio tetrastilo: Angiolillo 1981: 42-56, nn. 41-48, in particular nn. 43, 47), in Karales (Orpheus mosaic: Angiolillo 1981: 99-101 n. 101) and Villaspeciosa (Angiolillo 1999).

Shall the authors of the pavements of Sarroch and Settimo San Pietro belong to a new local workshop? The answer is not easy now, and we have to wait for more archaeological data and findings. At present we can just observe the close relationship between the mosaics of Sarroch and Settimo San Pietro, and between the panel “à trame végétalisée” at Settimo and the others in Carthage and Maiorca, but it is still very difficult to say whether the craftsmen were itinerant Africans or Sardinians. In this case they could probably come from Karales, but the mosaic production of the town is just partially known (Angiolillo 1981: 79-112).

\(^7\) Angiolillo 1999. Villaspeciosa is possibly situated along a diverticulum of the road a Karalibus Sulcos: Piano 2006: 21-24.
\(^8\) On cartoons and pattern books, recently Angiolillo 2011; Poulsen 2012, with previous literature.
\(^9\) For a similar case in SW Caria and the Dodecanese, Poulsen 2012: 135-142.
\(^10\) The discovery of one more similar mosaic at Carthage suggests a Carthaginian origin of the pattern; see Angiolillo 2007: 17.
\(^11\) I previously favoured the hypothesis of local workers who had African patterns at their disposal (Angiolillo 2007 and 2011). On thinking it over, I am now inclined to have a greater caution, due to the lack of good photographic documentation of either Carthage or Maiorca mosaic. I believe therefore that, taking for granted that cahiers de modèles existed in the ancient world (see Angiolillo 2011), there is no sufficient evidence to ascribe the pavement of Settimo San Pietro either to local mosaicists or to African itinerant craftsmen: in dubiis abstine.
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