Coloured Marbles in the Neapolitan Pavements (16th and 17th Centuries): the Church of Santi Severino e Sossio

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	PRESENTATION	15
	NECROLOGY: NORMAN HERZ (1923-2013) by Susan Kane	17
1.	APPLICATIONS TO SPECIFIC ARCHEOLOGICAL QUESTIONS – USE OF MARBLE	
	Hermaphrodites and Sleeping or Reclining Maenads: Production Centres and Quarry Marks Patrizio Pensabene	25
	First Remarks about the Pavement of the Newly Discovered Mithraeum of the Colored Marbles at Ostia and New Investigations on Roman and Late Roman White and Colored Marbles from Insula IV, IX Massimiliano David, Stefano Succi and Marcello Turci	22
	Alabaster. Quarrying and Trade in the Roman World: Evidence from Pompeii and Herculaneum	
	Simon J. Barker and Simona Perna	45
	Recent Work on the Stone at the Villa Arianna and the Villa San Marco (Castellammare di Stabia) and Their Context within the Vesuvian Area Simon J. Barker and J. Clayton Fant	65
	Marble Wall Decorations from the Imperial Mausoleum (4 th C.) and the Basilica of San Lorenzo (5 th C.) in Milan: an Update on Colored Marbles in Late Antique Milan <i>Elisabetta Neri, Roberto Bugini and Silvia Gazzoli</i>	79
	Sarcophagus Lids Sawn from their Chests Dorothy H. Abramitis and John J. Herrmann	89
	The Re-Use of Monolithic Columns in the Invention and Persistence of Roman Architecture Peter D. De Staebler	95
	The Trade in Small-Size Statues in the Roman Mediterranean: a Case Study from Alexandria Patrizio Pensabene and Eleonora Gasparini	101
	•	101
	The Marble Dedication of Komon, Son of Asklepiades, from Egypt: Material, Provenance, and Reinforcement of Meaning Patricia A. Butz	109
	Multiple Reuse of Imported Marble Pedestals at Caesarea Maritima in Israel Barbara Burrell	117
	Iasos and Iasian Marble between the Late Antique and Early Byzantine Eras	123

	Thassos, Known Inscriptions with New Data Tony Kozelj and Manuela Wurch-Kozelj	131
	The Value of Marble in Roman <i>Hispalis</i> : Contextual, Typological	
	and Lithological Analysis of an Assemblage of Large Architectural	
	Elements Recovered at N° 17 Goyeneta Street (Seville, Spain)	
	· · · · · · · · · · · · · · · · · · ·	
	Ruth Taylor, Oliva Rodríguez, Esther Ontiveros, María Luisa Loza,	1.42
	José Beltrán and Araceli Rodríguez	143
	Giallo Antico in Context. Distribution, Use and Commercial Actors According	
	to New Stratigraphic Data from the Western Mediterranean (2 nd C. Bc – Late 1 st C. Ad)	
	Stefan Ardeleanu	155
	Augsthustus, Amaient Duopouties and Isomographic Colostion	
	Amethystus: Ancient Properties and Iconographic Selection Luigi Pedroni	167
	278,7 200,000	
2.	PROVENANCE IDENTIFICATION I: (MARBLE)	
	Unraveling the Carrara – Göktepe Entanglement	
	Walter Prochaska, Donato Attanasio and Matthias Bruno	175
	Transfer Trochasta, Donato Ittanasio ana Fiannas Drano	173
	The Marble of Roman Imperial Portraits	
	Donato Attanasio, Matthias Bruno, Walter Prochaska and Ali Bahadir Yavuz	185
	Tracing Alabaster (Gypsum or Anhydrite) Artwork Using Trace Element Analysis	
	and a Multi-Isotope Approach (Sr, S, O)	
	Lise Leroux, Wolfram Kloppmann, Philippe Bromblet, Catherine Guerrot,	
	Anthony H. Cooper, Pierre-Yves Le Pogam, Dominique Vingtain and Noel Worley	195
	Thintony 11. Cooper, There Ives De Logani, Dominique vingiain and Ivel Worldy	173
	Roman Monolithic Fountains and Thasian Marble	
	Annewies van den Hoek, Donato Attanasio and John J. Herrmann	207
	Archaeometric Analysis of the Alabaster Thresholds of Villa A, Oplontis	
	(Torre Annunziata, Italy) and New Sr and Pb Isotopic Data for	
	Alabastro Ghiaccione del Circeo	
	Simon J. Barker, Simona Perna, J. Clayton Fant, Lorenzo Lazzarini and Igor M. Villa	215
	Roman Villas of Lake Garda and the Occurrence of Coloured Marbles	
	in the Western Part of "Regio X Venetia et Histria" (Northern Italy)	
	Roberto Bugini, Luisa Folli and Elisabetta Roffia	231
	Roberto Dugini, Luisu Fotti una Lusubetta Rojjia	231
	Calcitic Marble from Thasos in the North Adriatic Basin:	
	Ravenna, Aquileia, and Milan	
	John J. Herrmann, Robert H. Tykot and Annewies van den Hoek	239
	Characterisation of White Mouble Objects from the Towns Lot A will	
	Characterisation of White Marble Objects from the Temple of Apollo	
	and the House of Augustus (Palatine Hill, Rome)	2.45
	Francesca Giustini, Mauro Brilli, Enrico Gallocchio and Patrizio Pensabene	247
	Study and Archeometric Analysis of the Marble Elements Found	
	in the Roman Theater at Aeclanum (Mirabella Eclano, Avellino - Italy)	
	Antonio Mesisca, Lorenzo Lazzarini, Stefano Cancelliere and Monica Salvadori	255

Two Imperial Monuments in Puteoli:	
Use of Proconnesian Marble in the Domitianic and Trajanic Periods in Campania	
Irene Bald Romano, Hans Rupprecht Goette, Donato Attanasio and Walter Prochaska	267
Coloured Marbles in the Neapolitan Pavements (16th And 17th Centuries):	
the Church of Santi Severino e Sossio	
Roberto Bugini, Luisa Folli and Martino Solito	275
Roman and Early Byzantine Sarcophagi of Calcitic Marble from Thasos in Italy:	
Ostia and Siracusa	
Donato Attanasio, John J. Herrmann, Robert H. Tykot and Annewies van den Hoek	281
Revisiting the Origin and Destination of the Late Antique Marzamemi	
'Church Wreck' Cargo	
Justin Leidwanger, Scott H. Pike and Andrew Donnelly	291
The Marbles of the Sculptures of Felix Romuliana in Serbia	
Walter Prochaska and Maja Živić	301
Calcitic Marble from Thasos and Proconnesos in Nea Anchialos (Thessaly)	
and Thessaloniki (Macedonia)	
Vincent Barbin, John J. Herrmann, Aristotle Mentzos and Annewies van den Hoek	311
Architectural Decoration of the Imperial Agora's Porticoes at Iasos	
Fulvia Bianchi, Donato Attanasio and Walter Prochaska	321
Tavia Banen, Donato Ittanasio ana mater Froctassia	321
The Winged Victory of Samothrace - New Data on the Different Marbles	
Used for the Monument from the Sanctuary of the Great Gods	
Annie Blanc, Philippe Blanc and Ludovic Laugier	331
Polychrome Marbles from the Theatre of the Sanctuary of Apollo Pythios	
in Gortyna (Crete)	
Jacopo Bonetto, Nicolò Mareso and Michele Bueno	337
Paul the Silentiary, Hagia Sophia, Onyx, Lydia, and Breccia Corallina	
John J. Herrmann and Annewies van den Hoek	345
,····,·	
Incrustations from Colonia Ulpia Traiana (Near Modern Xanten, Germany)	
Vilma Ruppienė and Ulrich Schüssler	351
Stone Objects from Vindobona (Austria) – Petrological Characterization	
and Provenance of Local Stone in a Historico-Economical Setting	
Andreas Rohatsch, Michaela Kronberger, Sophie Insulander,	
Martin Mosser and Barbara Hodits	363
Marbles Discovered on the Site of the Forum of Vaison-la-Romaine (Vaucluse, France):	
Preliminary Results	
Elsa Roux, Jean-Marc Mignon, Philippe Blanc and Annie Blanc	373
Updated Characterisation of White Saint-Béat Marble. Discrimination Parameters	
from Classical Marbles	
Hernando Royo Plumed, Pilar Lapeunte, José Antonio Cuchí,	
Mauro Brilli and Marie-Claire Savin	379

Grey and Greyish Banded Marbles from the Estremoz Anticline in Lusitania Pilar Lapuente, Trinidad Nogales-Basarrate, Hernando Royo Plumed, Mauro Brilli and Marie-Claire Savin	391
New Data on Spanish Marbles: the Case of Gallaecia (NW Spain) Anna Gutiérrez Garcia-M., Hernando Royo Plumed and Silvia González Soutelo	401
A New Roman Imperial Relief Said to Be from Southern Spain: Problems of Style, Iconography, and Marble Type in Determining Provenance John Pollini, Pilar Lapuente, Trinidad Nogales-Basarrate and Jerry Podany	413
Reuse of the <i>Marmora</i> from the Late Roman Palatial Building at Carranque (Toledo, Spain) in the Visigothic Necropolis	
Virginia García-Entero, Anna Gutiérrez Garcia-M. and Sergio Vidal Álvarez Imperial Porphyry in Roman Britain	427
David F. Williams	435
Recycling of Marble: Apollonia/Sozousa/Arsuf (Israel) as a Case Study Moshe Fischer, Dimitris Tambakopoulos and Yannis Maniatis	443
Thasian Connections Overseas: Sculpture in the Cyrene Museum (Libya) Made of Dolomitic Marble from Thasos <i>John J. Herrmann and Donato Attanasio</i>	457
Marble on Rome's Southwestern Frontier: Thamugadi and Lambaesis Robert H. Tykot, Ouahiba Bouzidi, John J. Herrmann and Annewies van den Hoek	467
Marble and Sculpture at Lepcis Magna (Tripolitania, Libya): a Preliminary Study Concerning Origin and Workshops Luisa Musso, Laura Buccino, Matthias Bruno, Donato Attanasio and Walter Prochaska	481
The Pentelic Marble in the Carnegie Museum of Art Hall of Sculpture, Pittsburgh, Pennsylvania	401
Analysis of Classical Marble Sculptures in the Michael C. Carlos Museum, Emory University, Atlanta	491
Robert H. Tykot, John J. Herrmann, Renée Stein, Jasper Gaunt, Susan Blevins and Anne R. Skinner	501
PROVENANCE IDENTIFICATION II: (OTHER STONES)	
Aphrodisias and the Regional Marble Trade. The <i>Scaenae Frons</i> of the Theatre at Nysa <i>Natalia Toma</i>	513
The Stones of Felix Romuliana (Gamzigrad, Serbia) Bojan Djurić, Divna Jovanović, Stefan Pop Lazić and Walter Prochaska	523
Aspects of Characterisation of Stone Monuments from Southern Pannonia Branka Migotti	

3.

	The Budakalász Travertine Production Bojan Djurić, Sándor Kele and Igor Rižnar	545
	Stone Monuments from Carnuntum and Surrounding Areas (Austria) – Petrological Characterization and Quarry Location in a Historical Context	
	Gabrielle Kremer, Isabella Kitz, Beatrix Moshammer, Maria Heinrich and Erich Draganits	557
	Espejón Limestone and Conglomerate (Soria, Spain):	
	Archaeometric Characterization, Quarrying and Use in Roman Times	
	Virginia García-Entero, Anna Gutiérrez Garcia-M, Sergio Vidal Álvarez,	
	María J. Peréx Agorreta and Eva Zarco Martínez	567
	The Use of Alcover Stone in Roman Times (<i>Tarraco, Hispania Citeri</i> or).	
	Contributions to the Officina Lapidaria Tarraconensis	
	Diana Gorostidi Pi, Jordi López Vilar and Anna Gutiérrez Garcia-M.	577
4.	ADVANCES IN PROVENANCE TECHNIQUES,	
	METHODOLOGIES AND DATABASES	
	Grainautline – a Supervised Grain Boundary Extraction Tool	
	Supported by Image Processing and Pattern Recognition	
	Kristóf Csorba, Lilla Barancsuk, Balázs Székely and Judit Zöldföldi	587
	A Database and GIS Project about Quarrying, Circulation and Use of Stone	
	During the Roman Age in Regio X - Venetia et Histria.	
	The Case Study of the Euganean Trachyte	
	Caterine Previato and Arturo Zara	597
5.	QUARRIES AND GEOLOGY	
	The Distribution of Troad Granite Columns as Evidence for Reconstructing	
	the Management of Their Production	
	Patrizio Pensabene, Javier Á. Domingo and Isabel Rodà	613
	Ancient Quarries and Stonemasonry in Northern Choria Considiana	
	Hale Güney	621
	Polychromy in Larisaean Quarries and its Relation to Architectural Conception	
	Gizem Mater and Ertunç Denktaş	633
	Euromos of Caria: the Origin of an Hitherto Unknown Grey Veined Stepped Marble	
	of Roman Antiquity	
	Matthias Bruno, Donato Attanasio, Walter Prochaska and Ali Bahadir Yavuz	639
	Unknown Painted Quarry Inscriptions from Bacakale at <i>Docimium</i> (Turkey)	
	Matthias Bruno	651
	The Green Schist Marble Stone of Jebel El Hairech (North West of Tunisia):	
	a Multi-Analytical Approach and its Uses in Antiquity	
	Ameur Younes, Mohamed Gaied and Wissem Gallala	659
	Building Materials and the Ancient Quarries at <i>Thamugadi</i> (East of Algeria),	
	Case Study: Sandstone and Limestone	
	Younès Rezkallah and Ramdane Marmi	673

	The Local Quarries of the Ancient Roman City of Valeria (Cuenca, Spain) Javier Atienza Fuente	683
	The Stone and Ancient Quarries of Montjuïc Mountain (Barcelona, Spain) Aureli Álvarez	693
	Notae Lapicidinarum: Preliminary Considerations about the Quarry Marks from the Provincial Forum of <i>Tarraco</i> Maria Serena Vinci	699
	The Different Steps of the Rough-Hewing on a Monumental Sculpture at the Greek Archaic Period: the Unfinished Kouros of Thasos Danièle Braunstein	711
	A Review of Copying Techniques in Greco-Roman Sculpture Séverine Moureaud	717
	Labour Forces at Imperial Quarries Ben Russell	733
	Social Position of Craftsmen inside the Stone and Marble Processing Trades in the Light of Diocletian's Edict on Prices Krešimir Bosnić and Branko Matulić	741
6.	STONE PROPERTIES, WEATHERING EFFECTS AND RESTORATION, AS RELATED TO DIAGNOSIS PROBLEMS, MATCHING OF STONE FRAGMENTS AND AUTHENTICITY	
	Methods of Consolidation and Protection of Pentelic Marble Maria Apostolopoulou, Elissavet Drakopoulou, Maria Karoglou and Asterios Bakolas	749
7.	PIGMENTS AND PAINTINGS ON MARBLE	
	Painting and Sculpture Conservation in Two Gallo-Roman Temples in Picardy (France): Champlieu and Pont-Sainte-Maxence Véronique Brunet-Gaston and Christophe Gaston	763
	The Use of Colour on Roman Marble Sarcophagi Eliana Siotto	
	New Evidence for Ancient Gilding and Historic Restorations on a Portrait of Antinous in the San Antonio Museum of Art Jessica Powers, Mark Abbe, Michelle Bushey and Scott H. Pike	783
	Schists and Pigments from Ancient Swat (Khyber Pukhtunkhwa, Pakistan) Francesco Mariottini, Gianluca Vignaroli, Maurizio Mariottini and Mauro Roma	
8.	SPECIAL THEME SESSION: "THE USE OF MARBLE AND LIMESTONE IN THE ADRIATIC BASIN IN ANTIQUITY"	
	Marble Sarcophagi of Roman Dalmatia Material – Provenance – Workmanship Guntram Koch	809

Funerary Monuments and Quarry Management in Middle Dalmatia Nenad Cambi	827
Marble Revetments of Diocletian's Palace Katja Marasović and Vinka Marinković	839
The Use of Limestones as Construction Materials for the Mosaics of Diocletian's Palace Branko Matulić, Domagoj Mudronja and Krešimir Bosnić	855
Restoration of the Peristyle of Diocletian's Palace in Split Goran Nikšić	863
Marble Slabs Used at the Archaeological Site of Sorna near Poreč Istria – Croatia Deni Gobić-Bravar	871
Ancient Marbles from the Villa in Verige Bay, Brijuni Island, Croatia Mira Pavletić and Đeni Gobić-Bravar	879
Notes on Early Christian Ambos and Altars in the Light of some Fragments from the Islands of Pag and Rab Mirja Jarak	887
The Marbles in the Chapel of the Blessed John of Trogir in the Cathedral of St. Lawrence at Trogir Đeni Gobić-Bravar and Daniela Matetić Poljak	899
The Use of Limestone in the Roman Province of Dalmatia Edisa Lozić and Igor Rižnar	915
The Extraction and Use of Limestone in Istria in Antiquity Klara Buršić-Matijašić and Robert Matijašić	925
Aurisina Limestone in the Roman Age: from Karst Quarries to the Cities of the Adriatic Basin Caterina Previato	933
The Remains of Infrastructural Facilities of the Ancient Quarries on Zadar Islands (Croatia) Mate Parica	941
The Impact of Local Geomorphological and Geological Features of the Area for the Construction of the Burnum Amphitheatre Miroslav Glavičić and Uroš Stepišnik	951
Roman Quarry Klis Kosa near Salona Ivan Alduk	957
Marmore Lavdata Brattia Miona Miliša and Vinka Marinković	963
Quarries of the Lumbarda Archipelago Ivka Lipanović and Vinka Marinković	979

ASMOSIA XI, INTERDISCIPLINARY STUDIES OF ANCIENT STONE, SPLIT 2018

Island of Korčula – Importer and Exporter of Stone in Antiquity	
Mate Parica and Igor Borzić	. 985
Faux Marbling Motifs in Early Christian Frescoes	
in Central and South Dalmatia: Preliminary Report	
Tonči Borovac, Antonija Gluhan and Nikola Radošević	. 995
INDEX OF AUTHORS	1009

COLOURED MARBLES IN NEAPOLITAN PAVEMENTS (16TH AND 17TH CENTURIES): THE CHURCH OF SANTI SEVERING E SOSSIO

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Abstract

The church of Santi Severino e Sossio (Naples) preserves a series of pavements showing the development of this architectural element between the 16th and 17th centuries. The pavement of the nave (late 16th century) is based on a square grid of white and grey marble with different coloured marble slabs in geometric shapes (Broccatello, Africano, Breccia corallina, Fior di pesco, Giallo antico, Portasanta, Verde antico). The pavement of the chancel (late 17th century) shows a simple pattern of black and white marble; the pavement of the high altar (late 17th century) shows a recurrent fantastic pattern based on floral figures and using a few coloured marbles; the pavement of the choir (late 17th century) contains a square grid based on the contrast between white and grey marble. Two different techniques were used: shaped slabs fitted together on a mortar bedding ("opus sectile") or an inlay of coloured pieces in a carved monochrome background ("commesso alla fiorentina").

Keywords coloured marble, pavement, Naples

Introduction

An important architectural renovation of Naples started since the second quarter of the 16th century under the Spanish rule of the viceroy Pedro da Toledo. During the Counter-Refomation period, wealthy religious orders promoted the construction and restoration of churches and monasteries. This architectural renovation was led by several architects from Tuscany, such as Giovanni Antonio Dosio and Jacopo Lazzari. A specific aspect of their architecture was the use of coloured marble decorations, pavings and veneers. An example of the trend of coloured marble paving is present in the church of "Santi Severino e Sossio". This church pertains to one of the oldest, biggest and richest monasteries of Naples held by

the Benedictines; the building was transformed in 1835 into the seat of the Archivo di Stato. The church was built in different phases (1490-1571): the nave without aisles is flanked by seven chapels each side, the transept with two altars at the ends is surmounted by a dome, the high altar is surrounded by a balustrade and the huge choir is flanked by one chapel for each side. The high altar area, planned by Cosimo Fanzago, was made in 1635-41 and the pavement was completed in 1697 (PANE 1939; CANTONE 2002).

Methods of study

Recent conservation works on the church allowed a close examination of the whole pavements on the basis of a macroscopic survey. The marbles were compared to those reported in present-day literature (BORGHINI 1989; DOLCI, NISTA 1992; GNOLI 1988; LAZZARINI 2004; LAZZARINI 2007; MIELSCH 1985; NAPOLE-ONE 2001; PENSABENE, BRUNO 1998; PRICE 2007).

Description of the pavements

*Nave – The pavement features a grid, (rectangular slabs of white, black veined or grey marble) forming five longitudinal parts, each divided in several sections filled with a wide range of geometrical patterns made of coloured marbles (Figs. 1, 2).

Normally each section contains nine smaller panels arranged in three rows: the central panel is a tombstone made of a white marble slab carrying an inscription dedicated to the buried personage. Some sections show a basic pattern including rectangular coloured marble slabs surrounded by white marble set as "opus sectile". Other sections present heraldic emblems sculpted in bas-relief at the four corners and the side panels with coloured marble are often inlaid in a white marble support. Other sections again show the central tombstone surrounded by coloured marble slabs with geometric shapes (circle, square, rectangle, triangle, rhomb) inlaid on large white marble slabs. Finally, some sections display

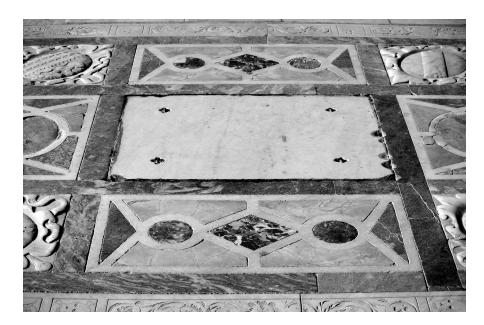


Fig. 1.
Pavement of the nave:
a simple geometric pattern

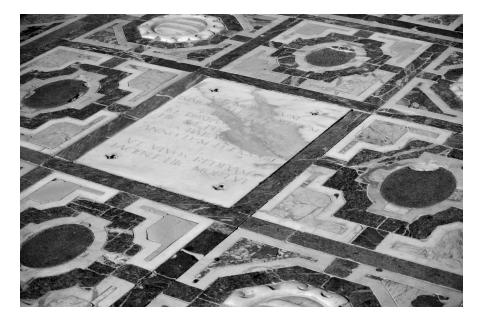


Fig. 2. Pavement of the nave: a more complicated geometric pattern

a rich decoration based on a more complicated patterns of coloured marble slabs, including lobate shapes and curvilinear contours, inlaid on white marble slabs.

The marbles identified are: Africano, Alabastro listato, Breccia corallina, Broccatello, Fior di Pesco, Giallo antico, Portasanta, Verde antico, Apuanian marbles (white, grey, veined); Giallo di Siena, Libeccio, Portoro and some variegated limestones from the southern Apennines.

*Chancel - The whole pavement is made of black limestone and white marble in alternating trapezia (Fig. 3). The center is occupied by a tombstone framed by a grid of grey marble with rectangular or oval shaped coloured marble slabs; four white marble slabs with coats of arms carved in bas-relief are placed in the corners. The area near the balustrade of the high altar is made of a square grid

of black limestone slabs (elongated hexagon), the squares contain in alternation four triangles of grey and white marble or a quadrilobate floral pattern made of Broccatello.

*High altar - The polygonal stairs leading to the balustrade, encompassing the high altar area, show different patterns. The first and the second stair are made of white marble slabs simply marked by a rectangular band of Broccatello and by halberd elements (Rosso di Contorrana or serpentine) marking the centre and the corners of each stair. The third stair shows a coiled and twisted pattern made of white, green (serpentine), yellow (Giallo di Siena) and red (Rosso di Contorrana) marbles on a black limestone background (Fig. 4).

The pavement around the altar contains some recurring quite octagonal panels with a curvilinear frame made of white marble and Bardiglio including a narrow

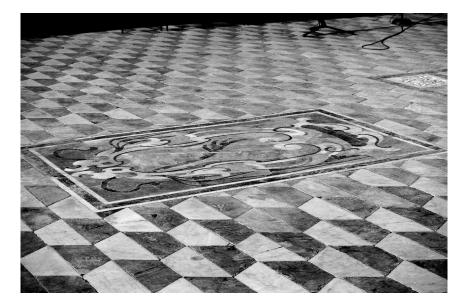


Fig. 3.
Pavement of the chancel with black and white slabs



Fig. 4.
Detail of the decoration of the stair to the high altar



Fig. 5.
Pavement of the high altar:
some decay phenomena involve
the marble slabs

strip of Rosso di Contorrana on one side only, in order to give the effect of a third dimension. The central part of each panel is based on a complicated pattern of flowers mainly made of Giallo di Siena, Rosso di Contorrana, white marble and black limestone (Fig. 5).

*Choir - The simple pattern includes a grid of rectanguar slab made of grey marble; the grid is filled by alternating square panels with two different motifs: one is made of four triangles (two made of grey marble and two made of white nee) in opposite position; the second one is made of Broccatello quadrilobate flowers set on a white marble background (Fig. 6).

Marble provenance

Marbles employed in the pavement were either expressly quarried as first use or taken from ancient buildings and reused. Those used for the first time were Broccatello (Spain), Giallo di Siena (Tuscany), Libeccio (Sicily), Portoro (Liguria), Rosso di Contorrana (Sicily), Apuanian marbles (white, grey, veined) and black limestone directly supplied for this purpose. In the second group are marbles derived from Roman architecture: Alabastro listato (Latium, Italy); Africano, Breccia corallina (Turkey); Fior di pesco, Portasanta, Verde antico (Greece); Alabaster (Egypt), Giallo antico (Tunisia). Coloured marbles were used in the Roman buildings of "Neapolis" and surrounding towns such as "Cumae", "Puteoli" and "Capua", and then were extensively reused in the Middle Ages and later. Broccatello was employed in Roman times, but in this case the marble came directly from the Tortosa quarries (ÀLVAREZ et al. 2009).

A useful comparison about the use of coloured marbles is the pavement of the crypt-like aisled Cappella del Succorpo or Cappella Carafa built in the early 16th century under the chancel of Naples Cathedral. Marbles identified in this chapel are: Africano, Alabaster, Giallo antico, Fior di Pesco, Cipollino, Portasanta, Bardiglio and white (FOLLI 2001).

Setting technique

Techniques used to set the pavement are always the same in spite of the century separating the making of pavements. The first technique involves pieces of marble cut to specific shapes and sizes and fitted together on bedding mortar to make a smooth surface ("opus sectile" - Fig. 7); the second involves shaped pieces of coloured marble inserted in larger slabs of white or black marble carved to fit, the bottom of the carved cavity showing traces of a punch and a contour marked by drillwork allowing adhesion between the two slabs in combination with resins ("inlay" - Fig. 8).

The "opus sectile" pavement was described by Vitruvius (VITRUVIUS 1914, chap. 7.1) together with the

sequence of mortar coats forming the pavement foundation. This Roman technique was then described in 1564 by Giorgio Vasari as a beautiful thing: "The Ancients (...) invented stone pavements diversified with various blending of porphyry, serpentine and granite, with round and square or other divisions, whence they went on to conceive the fabrication of ornamental bands, leafage, and other sort of design and figures" (VASARI 1907, chap. 6). In the Middle Ages and later on the use of coloured marbles lasted in the artisanal tradition of Rome, mainly for the tops of tables or other furniture, thanks to the large availability of material, both from ancient buildings (reuse) and from the huge storage areas that were a legacy of the Roman imperial period.

The term "inlay" connotes the insertion of marble pieces in a depression carved on stone base. This technique is called "commesso alla fiorentina" thanks to the artistic works produced by the "Opificio delle Pietre Dure" since 1588 in Florence. The heritage of the Florentine Opificio was enhanced by the "Real Laboratorio delle pietre dure" in Naples (since 1737) and by the "Real laboratorio de Piedras Duras" in Madrid (1762-1808).

Another particular inlay technique is reported by Vasari with reference to some sectors of the pavement in the Duomo at Siena (14th to 16th centuries) containing human figures: the contour of each figure, drawn by artists such as Pinturicchio or Domenico Beccafumi, was cut in with chisel on white marble slabs and the hollow was filled with black pitch or asphalt (VASARI 1907, chap 30).

Patterns

Coloured marbles arranged in geometric patterns are visible in some Renaissance and Mannerist paintings: i.e. Pietro Pollaiuolo "The Annunciation" (1470) Berlin, Gemäldegalerie (in. 73); Luca Signorelli "The Descent of the Holy Spirit" (1494) Urbino, Galleria Nazionale delle Marche; Francesco Botticini "Madonna and Child Enthroned" (late 15th century), New York, Metropolitan Museum of Art (n.61.235); Giulio Pippi called Giulio Romano "The Circumcision" (early 16th century), Paris, Louvre (inv. 518); Antonio Bazzi called Il Sodoma "The Marriage of Alexander the Great and Roxana" (1517), Rome, Villa Farnesina frescoes; Jacopo Robusti called Tintoretto "The Washing of the Feet" (1548-49), Madrid, Museo del Prado; Paolo Caliari called Veronese "The Wedding at Cana" (1563), Paris, Louvre (inv. 142); Tintoretto "The Last Supper" (1592), Venice, San Giorgio Maggiore.

Geometric patterns are also a specific feature of the contemporary tabletops (late 16th century) created both in Rome and in Florence (GIUSTI 1988; GONZA-LEZ-PALACIOS 2001, 19-55).

The pavement of the cited Cappella del Succorpo, made in the early 16th century, shows geometric patterns

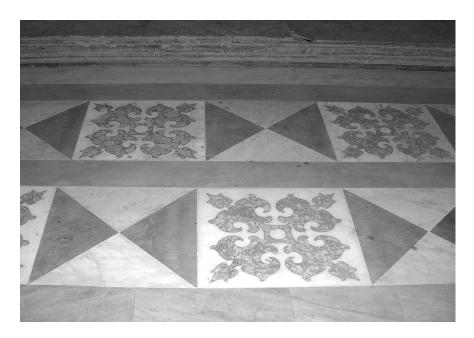


Fig. 6.
Pavement of the choir: a simple pattern based on black and white slabs

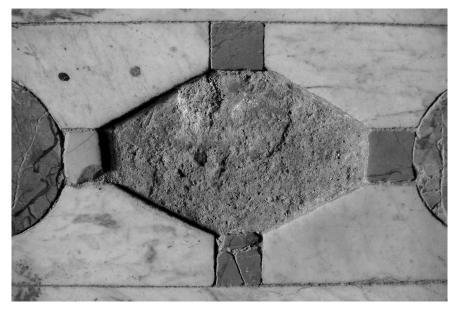


Fig. 7.
Example of "opus sectile" technique; the bedding mortar can be seen where one marble slab is missing

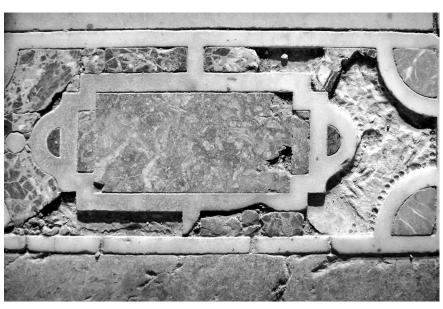


Fig. 8.
Example of "inlay"
technique; the carved
cavity can be seen where
one marble slab is missing

based on the square, circle and rhombus using small sized slabs, quite similar to the Cosmati works, diffused in medieval churches of Rome and other towns of Central Italy.

Patterns of the high altar area are typical of Neapolitan Baroque: an outstanding example is the pavements of the nave and the chapels in the church of Certosa di San Martino made according to plans of Cosimo Fanzago (BUGINI, CINQUEGRANA 2015). The pattern of the pavement of the choir is quite similar to the pavement of the choir of the Certosa church (CANTONE 1984).

Dilapidation

The one-time presence of congregations at mass and today that of tourists has exposed parts of the pavement to continuous treading that wears away the material with different intensity according to the different resistance of each stone. The erosion is at a maximum on white marble panels worked in bas-relief and it is also present on the slabs of other marble (i.e. Giallo di Siena) or limestone (i.e. Broccatello). Cracking is a very diffused form of dilapidation: the slabs are often subdivided into small splinters. These splinters can break off, causing a gap in the pavement. Inlay work often shows the loss of small slabs caused by a lack of sealing or by a progressive cracking of the same slab: the result is a void in the supporting stone.

The pavements around the high altar, where visitors do not go, are obviously in better condition than the nave pavement, but some cracks and loss of splinters are visible.

Conclusion

The church of the monastery of Santi Severino e Sossio in Naples contains a series of pavements illustrating the changes occurring in this kind of artefact between the Counter-Reformation and the Baroque (late 16th - late 17th centuries). The older pavement is made by a series of different sections involving geometric patterns of coloured marble (Africano, Alabaster, Breccia corallina, Broccatello, Fior di pesco, Giallo antico, Giallo di Siena, Libeccio, Portasanta, Portoro; Verde antico) in a grid made of marbles from the Apuanian Alps. The Baroque pavements of the chancel and of the choir are based on a simple square pattern made of grey and white triangles. The pavement around the high altar made by Cosimo Fanzago, the most important architect of the Neapolitan Baroque, contains a lower number of coloured marbles (Giallo di Siena, Rosso di Contorrana, Bardiglio, white and black) arranged in complicated patterns based on curvilinear floral motives and surrounded by a frame made of white or grey marble. Two different sources of marble were exploited in both periods: the purchase of marble from quarries in Spain (Tortosa) and Italy (Apuanian Alps, Siena); reuse of marbles

already employed in the Roman architecture of "Neapolis" (ancient coloured marble). Two different techniques were employed to set the marble slab: "opus sectile" on a mortar bedding and inlay or "commesso alla fiorentina" on a carved marble or limestone background.

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