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CERAMIC PRODUCTION AND RAW MATERIALS IN THE TUSCAN-LIGURIAN REGION: AN ARCHAEOLOGICAL AND PETROGRAPHIC APPROACH IN A DIACHRONIC PERSPECTIVE

MENCHELLI S.^{1,*}, CAPELLI C.², STARNINI E.¹, CABELLA R.², PIAZZA M.²

¹Department of Civilizations and Forms of Knowledge, University of Pisa, Italy

²Department of Earth, Environment and Life Sciences, University of Genoa, Italy

* simonetta.menchelli@unipi.it

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This contribute focuses on the history of ceramic production of a large geographic area from the archaeological point of view encompassing Liguria and N-W Tuscany and using a petro-archaeometrical approach (essentially based on thin-section analyses of more than a thousand of samples).

The scope of the research is to reconstruct the productive districts combining information from the Prehistory to the late Roman age in a diachronic perspective (Capelli et al. 2006, 2017). The region under study extending from Ventimiglia (in western Liguria) to the Cecina Valley (in central Tuscany) is characterized by a marked geological variability allowing the definition of specific production areas based on mineralogical-petrographic data.

Our research combines information collected from different sources including raw materials and samples of the earliest productions (Neolithic wares) to Roman and Late Roman products (cooking wares: pots, pans, saucepans, lids) and wastes of ceramic workshops identified in the study area (Menchelli et al. 2001, 2011). This diachronic approach allows the definition of subregional productive districts characterized by specific fabrics/mineralogical-petrographic assemblages.

Finally, some case-studies will be presented in detail.

REFERENCES

- Capelli, C., Mannoni, T., Starnini, E., Cabella, R. (2006): Le produzioni preistoriche e protostoriche italiane nella Banca Dati delle ceramiche mediterranee di Genova: storia delle ricerche archeometriche e stato attuale delle conoscenze. In: "La ceramica in Italia quando l'Italia non c'era", B. Fabbri, S. Gualtieri, & M. Romito, eds, *Atti della 8^a Giornata di Archeometria della Ceramica, Vietri sul Mare, 27-28 aprile 2004*. Bari, Edipuglia, 57-62.
- Capelli, C., Starnini, E., Cabella, R., Piazza, M. (2017): The circulation of Early Neolithic pottery in the Mediterranean: A synthesis of new archaeometric data from the Impressed Ware culture of Liguria (north-west Italy). *JASRep*, **16**, 532-541. <https://doi.org/10.1016/j.jasrep.2017.03.022>.
- Menchelli, S., Cabella R., Capelli C., Pasquinucci M., Piazza M. (2011): La ceramica, l'archeometria ed il mare: storie di traffici fra l'Etruria settentrionale ed il Mediterraneo. In: "La ceramica e il Mare: Il contributo dell'archeometria allo studio della circolazione dei prodotti ceramici nel Mediterraneo", R. Cabella, C. Capelli, B. Fabbri, S. Gualtieri & E. Starnini, eds. *Atti della 12^a Giornata di Archeometria della Ceramica, Genova, 10-11 aprile 2008*, Roma, Aracne, 149-160.
- Menchelli, S., Capelli C., Del Rio A., Pasquinucci M., Thiron-Merle V., Picon M. (2001). Ateliers de céramiques sigillées de l'Etrurie septentrionale maritime : données archéologiques et archéométriques. *Rei Cretariae Romanae Fautorum Acta*, **37**, 89-105.