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Original Article

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ANTHROPOLOGICAL INVESTIGATION: PAPIER-MACHE SKULLS IN GERMAN COLLECTIONS

Anthropological collections in scientific centers and museums are extensive all over the world. The history of their origin is usually quite similar: since the XIX century, these collections have been appearing and growing in different parts of the world. Unfortunately, the archival data is not always recorded accurately enough, so it can be rather difficult to trace the transfer of anthropological materials to foreign collections. This article discusses the origin and circumstances of acquisition of a skull copy from South America, found in the storage of the Institute of Anatomy of the Rostock University Medical Center (Germany). In addition, it provides the data concerning the production and transfer of copies from different parts of the world. This investigation was inspired by the replicas made of papier-mâché, an unusual material for making anthropological copies.

The article reveals documents that describe the joint activities of Russian and European anthropologists, and the key figure in it is Russian anthropologist Anatoli P. Bogdanov. It also focuses on recreating the methods of making skull replicas applied by Russian anthropologists at that time. The article is based on the authors' original research for the German scientific journal DAS ALBERTUM.

Keywords: *replicas of skulls, papier-mâché, South America*

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References

- Begerock, A. M. 2011. Formen machen Leute — Kopfdeformationen im westlichen Südamerika. *A. Wieczorek/ W. Rosendahl (Hg.), Schädelkult. Kopf und Schädel in der Kulturgeschichte des Menschen*.
- Bibra, E. V. 2011. Die Algodonbai. *Westermann's Jahrbuch der Illustrierten Deutschen Monatshefte. Ein Familienbuch für das gesammte geistige Leben der Gegenwart*. 35. Band. October 1873–März 1874. Braunschweig, Westermann.
- Bibra, E. V. 1852. Die Algodon-Bay in Bolivien. Vorgelegt in der Sitzung der mathematisch-naturwissenschaftlichen Classe am 27. Februar 1851. *Denkschriften der Kaiserlichen Akademie der Wissenschaften. Mathematisch-naturwissenschaftliche Classe. Vierter Band*.
- Bogdanov, A. P. 1878. *Poezdka v Germaniyu i Franciyu letom 1878 goda* [Trip to Germany and France in the summer of 1878]. Moskva: tip. M. N. Lavrova i K^o.
- Bogdanov, A. P. 1878. Sitzungsbericht vom 18. Mai 1878 in den Verhandlungen der BGAEU. *Zeitschrift für Ethnologie* 10: 220–221.
- Brothwell, D. R. 1981. *Digging Up Bones. The excavation, treatment and study of human skeletal remains*. New York, 208 p.
- Lenhossék, J. v. 1878. *Die künstlichen Schädelverbildungen im Allgemeinen und zwei künstlich verbildete makrocephale Schädel aus Ungarn, sowie ein Schädel aus der Barbarenzeit Ungarns*. Budapest.
- Löttsch, U., U. Brinker, B. Teßmann, M. Schultz, J. Pelenitsyna, L. Hiepe and A.-M. Begerock. 2020. Raren Stücken auf der Spur — Schädel aus Pappmaché in deutschen Sammlungen. *Das Altertum*.
- Meyer, A. B., Tüngel, E. 1878. Verzeichnis der Race-Skelete und –Schädel des Dresdner Anthropologischen Museums. *A. B. Meyer (Hg.), Mittheilungen aus dem K zoologischen Museum zu Dresden*. Heft 3: 325–348.
- O'Brien, T. and A. Stanley 1878. Boards and Cords: Discriminating Types of Artificial Cranial Deformation in Prehispanic South Central Andean Populations. *International Journal of Osteoarchaeology*. 23: 459–470.
- Sera, G. L. 1920. La successione spaziale e cronologica dei tipi etnici nell'Europa settentrionale ed orientale. *Archivio per l'Antropologia e la Etnologia*. 38–64.
- Tiesler, V. 2014. *The Bioarchaeology of Artificial Cranial Modifications. New Approaches to Head Shaping and its Meanings in Pre-Columbian Mesoamerica and Beyond*. New York/Heidelberg/Dordrecht/London.
- Veselovskaya, E. V. and R. M. Galeev 2020. Antropologicheskaya rekonstrukciya vneshnego oblika «Tsarya» i «Tsarisya» ranneskifskogo pogrebal'no-pominal'nogo kompleksa Arzhan-2. [Anthropological reconstruction of the appearance of the “King” and “Queen” of the Early Scythian funeral and memorial complex Arzhan-2]. *Vestnik arheologii, antropologii i etnografii* 2 (49): 112–122.