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Catalogue of the Krantz Brachiopod Collection at the Science Museum of the University of Coimbra (Portugal)

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Abstract

The specimens of the Krantz Brachiopod Collection of the Science Museum of the University of Coimbra (Portugal) are revised according to modern taxonomy and presented in systematic order according to inventory number, type species, figured representative and, as far as possible, detailed information regarding stratigraphy and collecting localities. The collection itself contains 170 lots yielding 474 specimens and representing 15 of the 27 brachiopod orders. The material comes from Europe, Russia, and the United States and represents all Palaeozoic and Mesozoic periods; the majority of the brachiopods are from the Devonian of Germany, mostly collected in classical outcrops from the Rhenish Slate Mountains, many of which are no longer accessible.

Key words: Krantz Brachiopod Collection, Brachiopoda, taxonomy

Resumo

Os espécimes da Coleção Krantz de Braquiópodes do Museu da Ciência da Universidade de Coimbra (Portugal) foram revistos de acordo com a taxonomia atual e apresentados por ordem sistemática, com o número de inventário, informação acerca das espécies-tipo, figuração e, sempre que possível, incluindo informação estratigráfica e acerca dos locais de proveniência. A coleção inclui 170 lotes com 474 espécimes que representam 15 das 27 ordens de braquiópodes. O material é proveniente da Europa, incluindo a parte europeia da Rússia, e dos Estados Unidos da América, e representa todos os períodos do Paleozóico e Mesozóico; a maioria dos braquiópodes é oriunda do Devónico da Alemanha, tendo sido maioritariamente coletados nos afloramentos clássicos das Montanhas Rhenish Slate, muitos quais já não são atualmente acessíveis.

Palavras-chave: Coleção Krantz de Braquiópodes, Brachiopoda, taxonomia

Zusammenfassung

Die Exemplare der Brachiopoden-Sammlung Krantz des Wissenschaftsmuseums der Universität von Coimbra sind nach moderner Taxonomie revidiert worden und werden in der vorliegenden Arbeit in systematischer Ordnung mit Inventarisierungsnummern, Angabe der Typusart, abgebildetem Referenz-Exemplar und, soweit möglich, detaillierten Angaben zur Stratigraphie und Sammlungsort präsentiert. Die Sammlung selbst besteht aus 170 Sammlungseinheiten mit insgesamt 474 Exemplaren, die 15 der insgesamt 27 Brachiopoden-Ordnungen repräsentieren. Das Sammlungsmaterial kommt aus Europa, inklusive dem europäischen Teil Russlands, und den Vereinigten Staaten. Brachiopoden aus allen paläozoischen und mesozoischen Perioden sind vertreten; der Hauptanteil der Sammlung kommt aus dem Devon von Deutschland und stammt aus den den klassischen Aufschlüssen des Rheinischen Schiefergebirges, von denen die meisten nicht mehr zugänglich sind.

Schlüsselwörter: Brachiopoden-Sammlung Krantz, Brachiopoda, Taxonomie

Introduction

The University of Coimbra is the oldest university in Portugal and one of the oldest in the world. It was founded in