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Pucka river-valley as *Calanopora filiformis* Röm.

J. FELIX (1904) recorded the find of *Amphipora ramosa* in the limestone specimen from Macocha, which he compared to the fossiliferous limestone overlying the upper Middle Devonian Bellerophon-bearing beds in Germany.

Z. ŠPINAR (1940) described *Actinostroma clathratum* NICHOLSON from sporadic limestone specimens.

R. KETTERER in his papers from 1947 and 1949 mentioned the occurrence of stromatoporoids in the limestones of the Moravian Karst; he applied them for the designation and delimitation of the limestone units but did not submit a more detailed palaeontological analysis of the fauna.

F. PRANTL (1948) recorded the stromatoporoid fauna from Hády (northern periphery of Brno) and from the "V Habeši" quarry near Velká Kladovka, likewise without detailed description. He regarded the ramose forms from the Frasnian limestones in the "V Habeši" quarry as *Amphipora ramosa* (PHILLIPS).

J. JARKA (1948) in mapping a part of the Moravian Karst studied the occurrence and distribution of stromatoporoids. He recognized correctly that the repetition of the *Amphipora* limestone cannot be interpreted only in tectonic terms but as several stratigraphical horizons of different age.

At present, particularly the stromatoporoid fauna from the central and southern parts of the Moravian Karst is under study. In the next years the investigation of stromatoporoids and corals, of their mode of occurrence and associations will continue. Unfortunately, the outcrops available in the area are rather small or, when large, are overgrown with moss and thus little suitable to our studies. It is hoped that the integrated study of the stromatoporoids and their accompanying fauna will provide a wide basis for a precise stratigraphical division of the limestones and for the recognition of the facies and palaeogeographical history of the Devonian in the area of the Moravian Karst.

The specimens for the study of faunas were taken from natural outcrops, road cuttings, opened and abandoned quarries, and from V-1 borehole sunk near Ochoz u Brna in the central part of the Mo-