

# RESEARCHES ON THE MESOVOID SHALLOW SUBSTRATUM (MSS) FROM ROMANIA

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The features of 29 MSS drillings and the partial list of the fauna identified up to now from these drillings are presented. Our paper ends with some biospeological considerations on the MSS from Romania.

## A SHORT INTRODUCTION

In order to continue the researches on the MSS (the MSS of the French authors) from Romania, between June 1998 and September 2001, we made 120 drillings in calcareous and non-calcareous colluvial deposits from the West of the Southern Carpathians by placing buried Barber traps. Among them, we selected only 29 traps from which fauna with biospeological significance for the MSS was collected; some drillings were made in areas from the valleys of Cerna and Tismana, areas that gave in 1980 (JUBERTHIE, DELAY, DECU & RACOVITĂ, 1981) rich populations of Leptodirinae beetles (*Mehadiella paveli*, *Sophrochaeta globosa* and *S. mihoki*) (Fig. 1). Similar to that period, between 1998–2001, we found the same populations and a number just as high of individuals, so the above mentioned taxa are troglobitic (colluviotroglobitic) elements, specific for the MSS.

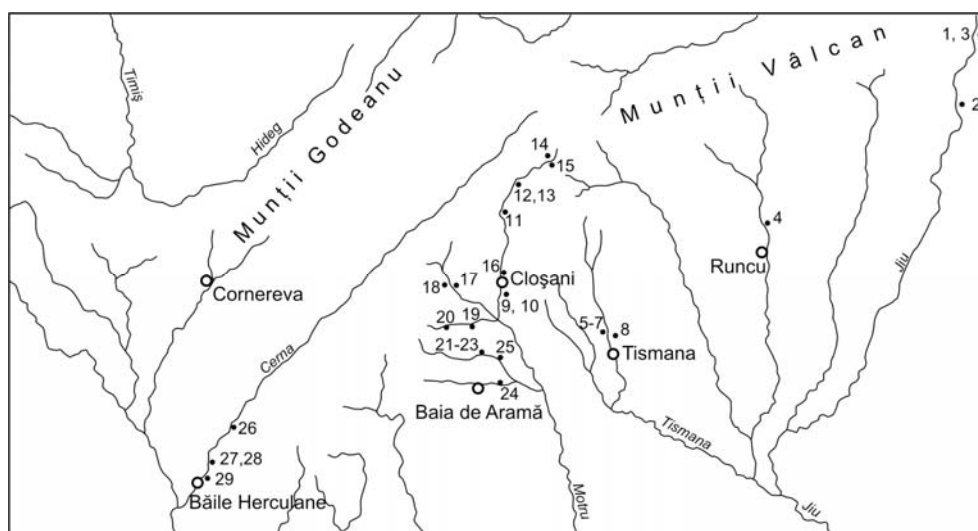


Fig. 1. – The placing of the 29 drills in the Southern Carpathians.