Hypercalcified sponges, including the chambered “Sphinctozoans”, un-chambered “Inozoans”, Chaetetids and Spongiomorphid-like representatives are the most abundant reef builders in Norian reef boulders in several localities in the Taurus Mountains, southern Turkey. Numerous samples, containing hypercalcified sponges and other reef organisms were collected from these reef boulders in the Dereköy basin sediments exposed west of Antalya (see map A) and Kasımlar basin deposits, north of Antalya (map B). The “Inozoan”-fauna of these boulders are described in this study. 31 species (18 new), belonging to 18 genera (5 new) and 7 families were recognized.

The sponge fauna of the Norian reef boulders of Dereköy basin (Dereköy localities – map A) differs distinctly from reef boulders of the Kasımlar basin (map B). Also the high diversity of sponges and other reef organisms in Dereköy basin and the ecological conditions of the growth style of organisms differs the faunal association of the both basins.

References