

Coexistence of *Uromastyx aegyptius* (Agamidae) and *Leiurus quinquestriatus* (Buthidae) Under Laboratory Conditions

A.M. AL-JOHANY AND S.S. AL-SALEH

Department of Zoology, College of Science, King Saud University, P.O. Box 2455, Riyadh 11451, Saudi Arabia (AMA) and Department of Clinical Laboratory Sciences, College of Applied Medical Sciences, King Saud University, P.O. Box 10219, Riyadh 11433, Saudi Arabia (SSA)

Abstract.- Coexistence of the yellow scorpion *Leiurus quinquestriatus* and the spiny-tailed lizard *Uromastyx aegyptius* in the same habitat was tested by simulating possible field conditions in the laboratory. No antagonist reaction was observed between the diurnal lizard and the nocturnal scorpion either during the day or the night. These animals are tolerant to each other, and immunological studies proved that the scorpions did not sting the lizards when occupying the burrow, the scorpion seemed to provide protection for the lizards from their predators while benefiting from the shelter that it got from the lizard's burrows.

Key words: *Uromastyx aegyptius*, *Leiurus quinquestriatus*, agamid lizard, yellow scorpion.