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## Research Details :

Research Title : THE INFLUENCE OF BODY-MASS AND TEMPERATURE ON THE STANDARD METABOLIC-RATE OF THE HERBIVOROUS DESERT LIZARD, UROMASTYX-MICROLEPIS  
THE INFLUENCE OF BODY-MASS AND TEMPERATURE ON THE STANDARD METABOLIC-RATE OF THE HERBIVOROUS DESERT LIZARD, UROMASTYX-MICROLEPIS

Descriptipn : 1. The standard metabolic rates of the small-scaled dhabb, Uromastyx microlepis, were measured at different temperatures from 20 to 40-degrees-C, using constant pressure manometric respirometers. 2. The standard metabolic rate of U. microlepis is low. 3. The standard metabolic rate is mass-dependent. The intraspecific exponents of body mass in relation to metabolic rate at different temperatures in this species are similar to those published for interspecific comparisons in other reptiles. 4. Standard metabolic rate increases as temperature increases with high Q10 values at low temperatures (20-25-degrees-C).

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