


**Captive breeding of Regel's racerunner
(*Eremias regeli*, Reptilia, Lacertidae)**

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Abstract. The paper presents the results of laboratory reproduction of Regel's racerunner (*Eremias regeli*). Offspring was obtained from natural individuals (2 females and 2 males) captured in the vicinity of the Bokhtar town (Khatlon region, Republic of Tajikistan). Captive-born animals (3 females and 2 males) began laying eggs at the age of 7 months. The lizards from nature reproduced twice a year, while the animals obtained in the laboratory lay eggs up to three times per season. The clutches of both natural and laboratory lizards contained from 2 to 4 eggs. In total, 9 fertile clutches and 26 eggs were studied, which 18 newborn lizards were obtained from. The mass of one clutch ranged from 28.97 to 54.68% of the female mass. The eggs had a length of 12.3–18.1 mm, a width of 7.3–9.4 mm and a weight of 0.53–0.95 g. Incubation lasted 56–99 days. The newborn lizards had a body length of 26.5–35.1 mm, a tail length of 41.1–60.0 mm and a mass of 0.60–1.11 g. Comparing the reproductive parameters of *E. regeli* with other representatives of the tribus Eremiadini, the authors note relatively small sizes of adult females, their low fertility, but large sizes of eggs and newborn juveniles.

Keywords: true lizards, captive breeding, fertility, Tajikistan

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