

**Study of the anatomy and histology of Female reproductive system of the
Asian snake-eyed skink, *Ablepharus pannonicus* (Sauria: Scincidae)**

OMID HEIRANI¹, RASOUL KARAMIANI^{1,*}, MEHRI AZADBAKHT¹

¹*Department of Biology, Faculty of Science, Razi University, Kermanshah, Iran*

^{*}*Corresponding author. Email: r.karamiani@razi.ac.ir*

SUPPLEMENTARY MATERIAL



Fig. S1. Live adult female of *Ablepharus pannonicus* from Shorkhah Dizah village (34°23'49.1"N 46°03'15.1"E), 125 km west of Kermanshah, western Iran, photographed in situ, 2021. (SVL $\approx$ 38 mm). Photo by Rasoul Karamiani.

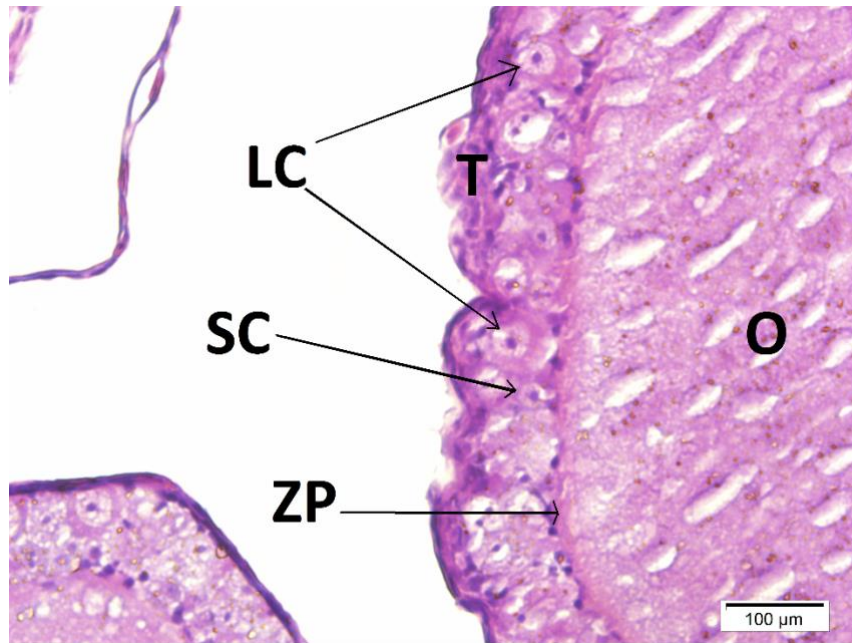


Fig. S2. Histological section of a previtellogenic follicle from the ovary of *A. pannonicus*, stained with hematoxylin and eosin (H&E), showing cellular organization including oocyte, theca, and granulosa cells. Stained with hematoxylin and eosin (H&E). Abbreviations: O: oocyte, T: theca, LC: large cell, SC: small cell, ZP: zona pellucida.



Fig. S3. Transverse histological section of the non-glandular uterus (vagina) of *A. pannonicus*, stained with H&E, showing the luminal architecture. Abbreviation: Lu: lumen.

Table S1. Individual measurements of snout-vent length (SVL), body weight, ovary weight, and gonadosomatic index (GSI) in eight adult females of *A. pannonicus* collected in spring and autumn 2021 from western Iran.

Voucher No	Season	Collection date	SVL (mm)	Body Weight (g)	Ovary Weight (g)	GSI
A.p.21_01	Autumn	2021-10-08	33.9	0.47	0.01	2.13
A.p.21_02	Autumn	2021-10-21	27.22	0.52	0.009	1.73
A.p.21_03	Autumn	2021-11-03	27.8	0.47	0.009	1.91
A.p.21_04	Autumn	2021-11-15	31.41	0.45	0.008	1.78
A.p.21_05	Spring	2021-04-10	35.64	0.55	0.039	7.09
A.p.21_06	Spring	2021-04-22	34.18	0.55	0.052	9.45
A.p.21_07	Spring	2021-05-05	35.99	0.64	0.039	6.09
A.p.21_08	Spring	2021-05-18	38.0	0.6	0.039	6.5