

Kısım II. Yılanlar.- Ege Üniv. Fen Fak. Kitaplar Serisi, İzmir, 76: 1-217. CORKILL, N. L. (1932): The snakes of Iraq.- J. Bombay Nat. Hist. Soc., Bombay; 35: 550-572. DAVID, P. & INEICH, I. (1999): Les serpents venimeux du monde: systématique et répartition.- Duméril, Paris; 3: 3-499. DISI, A. & BÖHME, W. (1996): Zoogeography of the amphibians and reptiles of Syria, with additional new records.- Herpetozoa, Wien; 9 (1/2): 63-70. DMI'EL, R. & PERRY, G. & MENDELSSOHN, H. (1990): Sexual dimorphism in *Walterinnesia aegyptia*.- The Snake, Nittagun; 22: 33-35. GASPERETTI, J. (1988): Snakes of Arabia. Fauna of Saudi Arabia, Berne, Riyad; 9: 169-450. GOLAY, P. & SMITH, H. M. & BROADLEY, D. G. & DIXON, J. R. & MCCARTHY, C. & RAGE, J.-C. & SCHÄTTI, B. & TORIBA, M. (1993): Endoglyphs and other major venomous snakes of the world: A checklist. Geneva (Azemiops S.A., Herpetological Data Center), 478 pp. HARDING, K. A. & WELCH, K. R. (1980): Venomous snakes of the world. A checklist. Oxford (Pergamon Press), pp. 188. JOGER, U. (1984): The venomous snakes of the Near and Middle East; pp. 1-112. In: REICHERT, L. (ed.): Beihefte zum Tübinger Atlas des Vorderen Orients, Wiesbaden; (A. Naturwissenschaften) 12. LATIFI, M. (1991): The snakes of Iran. Oxford (Society for the Study of Amphibians and Reptiles - SSAR) [Contribution to Herpetology No. 7]. (Translation), pp. 167. LEVITON, A. E. & ANDERSON, S. C. & ADLER, K. & MINTON, S. A. (1992): Handbook to Middle East amphibians and reptiles. Oxford (Society for the Study of Amphibians and Reptiles - SSAR) [Contribution to Herpetology No. 8], pp. 252. MARTENS, H. (1997): Review of 'Zoogeography of the amphibians and reptiles of Syria, with additional new records' (Herpetozoa, 9 (1/2): 63-70).- Herpetozoa, Wien; 10 (3/4): 99-106. MARX, H. (1953): The elapid genus *Walterinnesia*.- Fieldiana Zool., Chicago; 34 (16): 189-196. MENDELSSOHN, H. (1963): On the biology of the venomous snakes of Israel. Part I.- Israel J. Zool., Jerusalem; 12: 143-170. MINTON, S. A. & DOWLING, H. G. & RUSSELL, F. E. (1970): Poisonous snakes of the world. A manual for use by U.S. Amphibious Forces. Washington DC (US Department of the Navy, Bureau of Medicine and Surgery, NAV-MED P-5009, Government Printing Office), viii, 212 pp., 81 pls. REED, C. A. & MARX, H. (1959): A herpetological collection from northeastern Iraq.- Transact. Kansas Acad. Sci., Lawrence; 62: 91-122. SERRA, G. (2005): [Homepage of Gianluca SERRA, subpage Fauna searching around the world < <http://www.gianlucaserra.com/searching%20for%20fauna.htm> > (last update: February 8, 2005; last accessed: September 15, 2005). SINDACO, R. & MENEGON, M. & SERRA, G. (in prep.): First record of Black Cobra *Walterinnesia aegyptia* in Syria.- Acta Herpetologica (Rivista della Societas Herpetologica Italica). UĞURTAŞ, İ. & PAPPENFUSS, T. J. & ORLOV, N. L. (2001): New record of *Walterinnesia aegyptia* LATASTE, 1887 (Ophidia: Elapidae: Bungarinae) in Turkey.- Russian J. Herpetol., Moscow; 8 (3): 231-237. WELCH, K. R. G. (1983): Snakes of the Orient: A checklist, Malabar (Krieger), pp. 173. WERNER, Y. L. (1988): Herpetofaunal survey of Israel (1950-1985), with comments on Sinai and Jordan and on zoogeographical heterogeneity; pp. 355-388. In: YOM-TOV, Y. & TCHERNOV, E. (eds.): The zoogeography of Israel. Dordrecht (W. Junk Publ.) ISBN 90-6193-650-0. ZINNER, H. (1971): On ecology and the significance of semantic coloration in the nocturnal desert elapid *Walterinnesia aegyptia* (Reptilia, Ophidia).- Oecologia, Berlin; 7: 267-275.

KEY WORDS: Reptilia: Squamata: Ophidia: Elapidae: *Walterinnesia aegyptia*, morphology, Pholidosis, distribution, second record in Turkey

SUBMITTED: July 25, 2005

AUTHORS: Prof. Ibrahim BARAN, PhD., Dokuz Eylül University, Faculty of Education, Department of Biology, 35150 Buca-Izmir, Turkey < baran1940@yahoo.com >; Prof. Yusuf KUMLUTAŞ, PhD., Dokuz Eylül University, Faculty of Education, Department of Biology, Buca-Izmir, Turkey < yusuf.kumlutas@deu.edu.tr >; Res. Ass. Aziz AVCI, Adnan Menderes University, Faculty of Science and Arts, Department of Biology, Aydin, Turkey < aavci@adu.edu.tr >; Çetin İLGAZ, PhD., Dokuz Eylül University, Faculty of Education, Department of Biology, Buca-Izmir, Turkey < cetinilgaz@yahoo.com >.

New records of *Liolaemus inacayali* ABDALA, 2003 in western Río Negro province, Patagonia, Argentina

Liolaemus inacayali ABDALA (2003) was described from a few localities around the town of Ingeniero Jacobacci and alongside the National Road Ruta Nacional 23, in southwestern Río Negro province, Patagonia, Argentina. Several field trips carried out during the summers of 1999, 2000, 2003, and 2005 to west Río Negro province resulted in the collection of a number of samples of *L. inacayali* that represent significant new geographic records for this species. All lizards were collected by hand, euthanased with pericardic injection of Tiopental Sódico (Abbot®), fixed with formalin 20% and later transferred to 70% ethanol. Latitude, longitude, and elevation were determined with a Garmin™ GPS12 Global Position Device. All specimens are deposited in the authors' private field collection (LJAMM), Centro Nacional Patagónico-CONICET, Puerto Madryn (Chubut), Argentina. The general habitat where *L. inacayali* is found, is restricted to the ecological region known as Central Plateau, characterized by an extreme aridity (less than 200 mm of average annual precipitation) and one of the coldest area in Argentina (with average annual temperatures of 10-12°C) (BRAND et al. 1989). Following BRAND et al. (1989), the Central Plateau vegetation is characterized by areas of sandy soils known as 'low shrubs steppes' (mainly with *Nassauvia glomerulosa*, N.

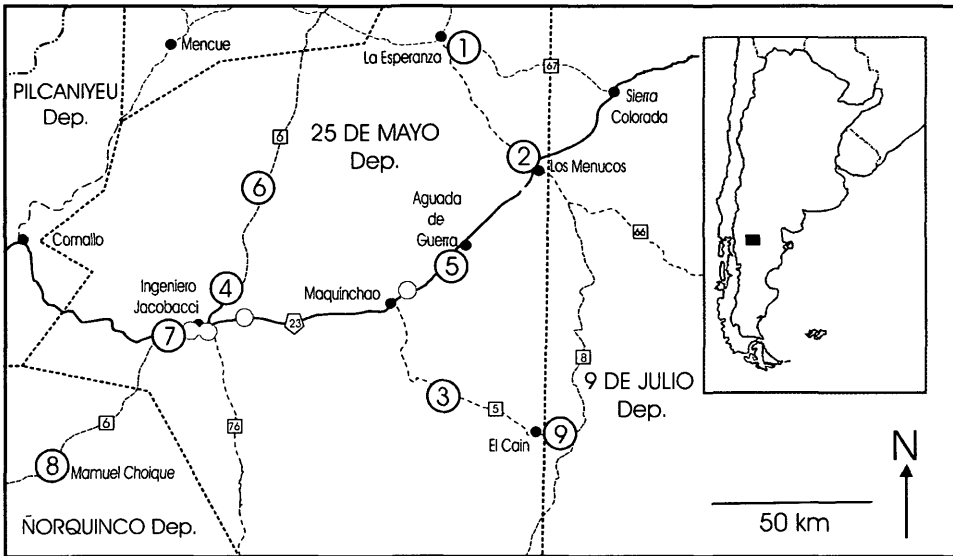


Fig. 1: Map of new localities of *Liolaemus inacayali* ABDALA, 2003. Locality numbers (1 - 9) correspond with those cited in the text. Black dotted lines - departmental limits; black line - National Road 23; gray dotted lines - provincial roads; black dots - main localities; gray dots - localities cited by ABDALA (2003).

axillaris and *Chuquiraga avellanadae* shrubs) and 'grass-shrub steppes' (mainly *Prosopis denudans* and *Lycium* spp. shrubs mixed with *Stipa humilis* grass). The habitats of *L. inacayali* are restricted to canyons, ravines, depressions, and small flat valleys between volcanic hills.

All new collection sites are depicted in figure 1, where we show the previously known geographic distribution of the species. The new localities represent an extension of about 80 km N, 65 km SE, and 60 km SW relative to the known distribution. The below number in parentheses preceding the name of the locality corresponds to the locality numbers in figure 1. All localities are in the Río Negro province:

25 de Mayo department - (1) Provincial Road 8, 6 km S La Esperanza (40° 26'S, 68°28'W, ~ 900 m). 11 March 1999. L. AVILA, M. MORANDO, D. PEREZ: LJAMM 1525. (2) 7.5 km W Los Menucos (40°51'S, 68°10'W, 913 m). 27 November 2000. L. AVILA, C.H.F. PEREZ: LJAMM 2812-14. (3) Provincial Road 5, 40 km SE Maquinchao (41°30'S, 68°33'W, 887 m). 28 November 2000. L. AVILA, C.H.F. PEREZ: LJAMM 2815-17. (4) Laguna Cari Lafquen Chica, 7

km N Ingeniero Jacobacci (41° 13'S, 69° 24'W, 855 m). 28 November 2000. L. AVILA, C.H.F. PEREZ: LJAMM 2818-19. (5) National Road 23, 14 km W Aguada de Guerra (41°09'S, 68°30'W, 866 m). 28 November 2000. L. AVILA, C.H.F. PEREZ: LJAMM 2820, 2846-51, 4790-91. (6) Provincial Road 6, 64 km NE Ingeniero Jacobacci (40°53'S, 69°17'W, 854 m). 29 November 2000. L. AVILA, C.H.F. PEREZ: LJAMM 2821. (7) National Road 23, 10 km W Ingeniero Jacobacci (41°20'S, 69°41'W, 930 m). 03 February 2003. L. AVILA, K. DITTMAR, M. MORANDO, C.H.F. PEREZ: LJAMM 5564-73, 5694.

Norquino department - (8) Provincial Road 6, 7 km NE Mamuel Choique (41°42'S, 70°07'W, 1013 m). 27 January 2000. L. AVILA, M. MORANDO: LJAMM: 2172-77, 2197-98.

9 de Julio department - (9) Provincial Road 5, 7.2 km E El Cain (41°41'S, 68°04'W, 1016 m). 21 March 2005. L. AVILA, N. FRUTOS: LJAMM: 6251-53, 6258-61.

ACKNOWLEDGMENTS: We thank K. DITTMAR (Department of Integrative Biology, Brigham Young University) for help in the field work. Financial

support for field work was provided by a graduate fellowship (M. MORANDO), a postdoctoral fellowship (L. J. AVILA), grants (PEI 0178/98 and 6397/03) from Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET) and funds from the Department of Integrative Biology, M. L. Bean Museum Life Sciences, and Kennedy Center for International Studies at Brigham Young University, Provo, USA.

REFERENCIAS: ABDALA, C. (2003): Cuatro nuevas especies del género *Liolaemus* (Iguania: Liolaemini), pertenecientes al grupo *boulengeri*, de la Patagonia, Argentina.- Cuad. Herpetol., Tucumán, 17: 3-32. BRAND, D. & AYESA, J. & LOPEZ, C. (2000): Regiones ecológicas de Río Negro. Comunicación Técnica 59. INTA (Instituto Nacional de Tecnología Agropecuaria), Bariloche.

KEY WORDS: Reptilia: Squamata: Sauria: Iguanidae: *Liolaemus inacayali*, new locality records, chorology, distribution, Río Negro Province, Patagonia, Argentina

SUBMITTED: 22 June, 2005

AUTHORS: Dr. Luciano Javier AVILA, Lic. Nicolas FRUTOS, Dra. Mariana MORANDO CENPAT-CONICET, Boulevard Almirante Brown s/n, U9120ACV, Puerto Madryn (Chubut), Argentina. < avila@cenpat.edu.ar >; Sr. Cristian Hernan Fulvio PEREZ, Agustín Alvarez 1182 "A". 8000. Bahía Blanca (Buenos Aires), Argentina. < liolaemu@criba.edu.ar >; Lic. Daniel Roberto PEREZ, Catedra Bioecología, Universidad Nacional del Comahue. Buenos Aires 1400. Neuquén. 8300. Argentina < dpregina@yahoo.com >.

Lacerta mosorensis KOLOBATOVIĆ, 1886 new to the herpetofauna of Albania

The Balkan Peninsula holds a remarkably high diversity of lacertid lizards including many endemic taxa. The richest area in terms of lizard species is the so called "Adriatic Triangle" (border region between Montenegro and Albania) where 17 saurian (11 lacertid) species were found to occur (DŽUKIĆ & KALEZIĆ 2004). Accumulation of new field data is essential in order to fulfil the gaps in our knowledge of the endemic species.

Species composition of the Albanian herpetofauna is known to some degree (BRUNO 1989; HAXHIU 1998). However, the mountains along the border with Montenegro, Kosovo and Macedonia are insufficiently studied and only a limited number of field records is available from the northern parts of the country. BALAZS & BALAZS (1997) studied the herpetofauna in the vicinity of Bjeshkët e Nemura and the village of

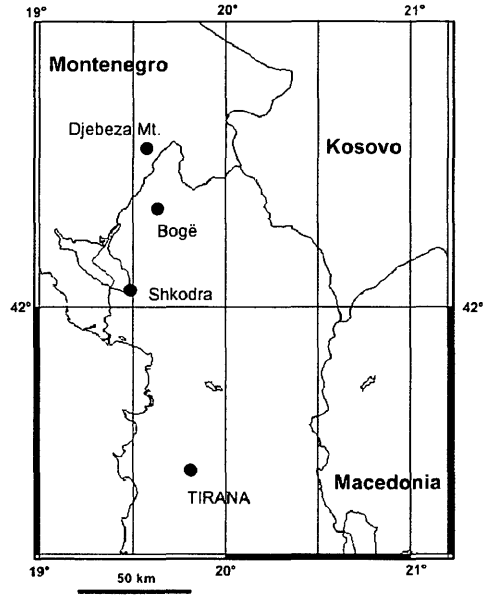


Fig. 1: Record of *Lacerta mosorensis* KOLOBATOVIĆ, 1886 in Albania (Bridash Massif, above the village of Bogë, 1850 m a.s.l. 42°24'11"N, 19°39'34"E).

Okol (Distr. Shkodra) and noted the occurrence of six species of amphibians and six species of reptiles. Among the lizards, the authors reported the occurrence of *Podarcis erhardii* (BEDRIAGA, 1882), *P. muralis* (LAURENTI, 1768) and *Lacerta viridis* (LAURENTI, 1768).

During the Bulgarian National Speleological Expedition in May 1993 I had the opportunity to study the herpetofauna in the vicinity of the village of Bogë (Distr. Shkodra).

Among other species [*Rana ridibunda* PALLAS, 1771, *Bufo viridis* LAURENTI, 1768, *Bombina variegata* (LINNAEUS, 1758), *P. muralis*, *Vipera ammodytes* (LINNAEUS, 1758)] I collected one specimen of the Mosor Rock Lizard, *Lacerta mosorensis* KOLOBATOVIĆ, 1886 [adult female, 1850 m, Bridash Massif above the village of Bogë (42°24'11"N, 19°39'34"E; UTM grid CM89), Distr. Shkodra, 25.05.1993, B. PETROV & P. BERON leg., NMNH-Sofia III-305-1; fig. 1]. Only one out of five specimens observed was caught and kept for the collection of the National Museum of Natural History in

ZOBODAT - www.zobodat.at

Zoologisch-Botanische Datenbank/Zoological-Botanical Database

Digitale Literatur/Digital Literature

Zeitschrift/Journal: [Herpetozoa](#)

Jahr/Year: 2006

Band/Volume: [19_1_2](#)

Autor(en)/Author(s): Avila Luciano Javier, Frutos Nicolas, Morando Mariana, Perez Christian Hernan Fulvio, Perez Daniel Roberto

Artikel/Article: [New records of *Liolaemus inacayali* Abdala, 2003 in western Rio Negro province, Patagonia, Argentina 90-92](#)