

were collected on Nias, in times when the human population of this island was rather isolated, as indicative of natural dispersal across the Mentawai Strait from Sumatra during times of Pleistocene low sea levels, and not as the result of human activity.

ACKNOWLEDGMENTS: We thank Rainer GÜNTHER (Institut für systematische Zoologie, Museum für Naturkunde der Humboldt-Universität zu Berlin) for specimen loans and assistance during research visits, and Colin J. McCARTHY (The Natural History Museum, London) for help with literature.

REFERENCES: BRONGERSMA, L. D. (1948): Notes on *Matigora bivirgata* (BOIE) and on *Bungarus flaviceps* REINH.- Zool. Mededelingen, Leiden; 30(1): 1-29. BOULENGER, G. A. (1896): Catalogue of the snakes in the British Museum (Natural History). Vol. 3. London (Trustees of the British Museum), xiv + 727 pp. DAVID, P. & VOGEL, G. (1996): The snakes of Sumatra. An annotated checklist and key with natural history notes. Frankfurt am Main (Edition Chimaira), 260 pp. DE HAAS, C. P. J. (1950): Checklist of the Snakes of the Indo-Australian Archipelago (Reptiles – Ophidia).- Treubia, Bogor; 20 (3): 511-625. DE ROOU, N. (1917): The reptiles of the Indo-Australian Archipelago; II. Ophidia. Leiden (E. J. Brill), 334 pp. DRING, J. C. M. & McCARTHY, C. J. & WHITTEM, A. J. (1990 [dated 1989]): The terrestrial herpetofauna of the Mentawai Islands, Indonesia.- Indo-Malayan Zoology, Rotterdam; 6: 119-132. ISKANDAR, D. T. & COLIJN, E. (2001): A checklist of Southeast Asian and New Guinean reptiles – Part I. Serpentes. Jakarta (Bio-diversity Conservation Project, Indonesian Institute of Sciences, Japan International Cooperation Agency, The Ministry of Forestry, The Gibbon Foundation and Institute of Technology, Bandung), 195 pp. ISKANDAR, D. T. & TIAN, K. N. (1996): The amphibians and reptiles of Sulawesi, with notes on the distribution and chromosomal number of frogs; pp. 39-46. In: KRECHNER, D. J. & SUYANTO, A. (eds.): Proceedings of the first international conference on eastern Indonesian-Australian vertebrate fauna, Manado, Indonesia, November 22-26, 1994. KUCH, U. & SCHNEYER, W. (1996): Erfahrungen mit der Terrarienhaltung von vier Arten nahrungsspezialisierter Giftnattern der Gattung *Bungarus* DAUDIN, 1803. Teil IV: *Bungarus flaviceps* REINHARDT, 1843.- Sauria, Berlin; 18 (2): 3-16. SMITH, M. A. (1943): The Fauna of British India, Ceylon and Burma, including the whole of the Indo-Chinese Sub-Region. Reptilia and Amphibia Vol. III. Serpentes. London (Trustees of the British Museum), xii + 583 pp. SUPRIATNA, J. (1995): Ular berbisa di Indonesia. Jakarta (Penerbit Bhratara), 75 pp. VAN LIDTH DE JEUDE, T. W. (1890): On a collection of reptiles from Nias, and on *Calamaria virgulata*, BOIE.- Notes Leyden Mus., Leiden; 12 (44): 253-256. VORIS, H. K. (2000): Maps of Pleistocene sea levels in Southeast Asia: shorelines, river systems and time durations.- J. Biogeogr., Oxford; 27: 1153-1167.

KEY WORDS: Reptilia: Squamata: Serpentes: Elapidae: *Bungarus candidus*; Malayan Krait; venomous snakes; new island record; Mentawai Strait, Nias, Sumatera Utara, Sumatra, Indonesia

SUBMITTED: December 2, 2003

AUTHORS: Dipl.-Biol. Ulrich KUCH, Sektion Herpetologie, Forschungsinstitut und Naturmuseum Senckenberg, Senckenberganlage 25, D-60325 Frankfurt am Main, Germany < U.Kuch@em.uni-frankfurt.de>; Frank TILLACK, Draesekestr. 8, D-12487 Berlin, Germany < frank-tillack@t-online.de>.

Elaphe dione (PALLAS, 1773), a snake taxon new to the Turkish herpetofauna

The Dione Ratsnake *Elaphe dione* (PALLAS, 1773) is a widespread colubrid which occurs from Korea and south-eastern Russia to extreme south-eastern Europe (SCHULZ 1996; DAREVSKY 1997). In the Western Palearctic region, it is known from European Russia and Kazakhstan (south-eastern part, along the lower Ural and Volga valleys), Caucasian isthmus), Azerbaijan, eastern Georgia, Armenia (near Yerevan) and Ukraine.

Two of us (JG and FN) found three specimens of *E. dione* (fig. 1) on April 28, 1988 in north-eastern Turkey, 2 - 3 km south-west of the village of Yaci (= Yayıcı) [39,930° N / 43,957° E] (province of İğdir, on the north-north-eastern base of the Zor Dağı Mountains). The snakes were found sun basking in the morning, on walls of irrigation canals. The habitat was a sandy steppe with riparian forests of *Salix* and *Populus*.

The closest known record of *E. dione* stems from south of Yerevan, Armenia (SCHULZ 1996; DAREVSKY 1997), about 60 km ESE of our Turkish locality. Our finding adds a taxon to the Turkish herpetofaunal inventory and extends the western distributional limits of the known territory of *E. dione* (asterisk in fig. 2) which is coarsely described by a curved line connecting the following record localities: south of Kuybyshev (lower Volga River, Russia), near Melitopol (Ukraine), 2-3 km south-west of Yaci (Turkey), and the Shahrood area (Iran). This distribution corresponds roughly to the vegetal zone of the “Arabo Caspian steppic formations” as shown in MARTÍNEZ RICA (1997). It is likely that the Turkish range of *E. dione* includes the whole Arax (=Aras) river valley east of Tuzluca. Further field work will be necessary to verify this hypothesis.



Fig. 1: Adult Dione Ratsnake *Elaphe dione* (PALLAS, 1773) from 2-3 km south-west of Yacı (=Yayıcı) [39,930° N / 43,957° E, province of İğdır, east Anatolia, Turkey]. Photograph by J. GARZONI.



Fig. 2: Western distribution of *Elaphe dione* (PALLAS, 1773), according to SCHULZ (1996), DAREVSKY (1997), pers. obs. The asterisk indicates the new Turkish record locality.

REFERENCES: DAREVSKY, I. S. (1997): *Elaphe dione* (PALLAS, 1773); pp. 352-353. In: GASC, J.-P. & CABEZA, A. & CRNOBRNJA-ISAILOVIC, J. & DOLMEN, D. & GROSSENBACHER, K. & HAFFNER, P. & LESCURE, J. & MARTENS, H. & MARTÍNEZ RICA, J. P. & MAURIN, H. & OLIVEIRA, M. E. & SOFIANIDOU, T. S. & VEITH, M. & ZUIDERWIJK, A. (eds.): *Atlas of amphibians and reptiles in Europe*. Paris (Societas Europaea Herpetologica & Muséum National d'Histoire Naturelle), 494 pp. MARTÍNEZ RICA, J. P. (1997): Chapter 2: General features of European climate and vegetation; consequences on the distribution of herpetofauna; pp. 17-21. In: GASC, J.-P. & CABEZA, A. & CRNOBRNJA-ISAILOVIC, J. & DOLMEN, D. & GROSSENBACHER, K. & HAFFNER, P. & LESCURE, J. & MARTENS, H. & MARTÍNEZ RICA, J. P. & MAURIN, H. & OLIVEIRA, M. E. & SOFIANIDOU, T. S. & VEITH, M. & ZUIDERWIJK, A. (eds.): *Atlas of amphibians and reptiles in Europe*. Paris (Societas Europaea Herpetologica & Muséum National d'Histoire Naturelle), 494 pp. SCHULZ, K.-D. (1996): *A monograph of the Colubrid snakes of the genus Elaphe* FITZINGER. Havlickuv Brod (Koeltz Scientific Books), 439 pp.

KEY WORDS: Reptilia: Serpentes: Colubridae: *Elaphe dione*, chorology, Turkey, new country record

SUBMITTED: October 20, 2003

AUTHORS: Jean GARZONI, Chemin de Boissonnet 82 - 1010 Lausanne, Switzerland, Fermo NOBILE, Grand Pâquier - 1373 Chavornay, Switzerland, Philippe GENIEZ, Ecole Pratique des Hautes Etudes, Laboratoire de Biogéographie et Ecologie des Vertébrés, cc.94, UM2, F-34095 Montpellier-cedex 5, France <geniez@univ-montp2.fr>

Lacerta horvathi (MÉHELY, 1904) in the Tyrol south of the Central Alps

In August 5, 2003 *Lacerta (Iberolacerta) horvathi* (MÉHELY, 1904) was observed by one of the authors (F.T.) in a small tributary valley (Frauenbachthal, 900 m a.s.l.) of the Drau river between Lienz and Oberdrauburg in the Tyrolian portion of the Lienzer Dolomiten massif. This is the first record of *L. horvathi* in the Tyrol apart from one out of a handful of repeatedly discussed findings from north of the Central Alps in the borderland area of Germany and Austria (CAPULA & LUISELLI 1990; FRANZEN et al. 1993; SCHMIDTLER & SCHMIDTLER 1996). During an excursion by FRANZEN, GRUBER, HECKES and LUISELLI, some Bavarian record localities of *L. horvathi* incorrectly allocated by CAPULA & LUISELLI (1990) were rectified. The subsequent German study reported five locations in the vicinity of the Achenpaß region where *L. horvathi* was observed (one turned out to be within the territory of Austria, some 20 m from the borderline; four were clearly located in Germany) (FRANZEN et al. 1993). However, doubts have been uttered concerning

ZOBODAT - www.zobodat.at

Zoologisch-Botanische Datenbank/Zoological-Botanical Database

Digitale Literatur/Digital Literature

Zeitschrift/Journal: [Herpetozoa](#)

Jahr/Year: 2004

Band/Volume: [16_3_4](#)

Autor(en)/Author(s): Geniez Philippe, Garzoni Jean

Artikel/Article: [Elaphe dione \(PALLAS, 1773\), a snake taxon new to the Turkish herpetofauna 174-175](#)