

Seznam použité a doporučené literatury:

- Ahmadzadeh, F., Flecks, M., Rödder, D., Böhme, W., Ilgaz, Ç., Harris, D.J., Engler, J.O., Üzümlü, N., Carretero, M.A., 2013. Multiple dispersal out of Anatolia: biogeography and evolution of oriental green lizards. *Biol. J. Linn. Soc.* 110: 398-408.
- Andres, C., Franke, C., Bleidorn, D., Bernhard, M. & Schlegel, M. 2014. Phylogenetics analysis of the *Lacerta agilis* subspecies complex. *Syst. Biodivers.* 12: 43-54.
- Arntzen, J.W., Themudo, G.E. & Wielstra, B. 2007. The phylogeny of crested newts (*Triturus cristatus* superspecies): nuclear and mitochondrial genetic characters suggest a hard polytomy, in line with the paleogeography of the centre of origin. *Contrib. Zool.* 76: 261-278.
- Augé, M. 2005. Evolution des lézards du Paléogène en Europe. *Mém. Mus. Natl. Hist. Nat.* 192: 1-369.
- Avice, J.C. 2000. *Phylogeography: The History and Formation of Species*. Harvard University Press, Cambridge, MA. 447 pp.
- Babik, W., Branicki, W., Crnobrnja-Isailović, D., Cogălniceanu, I., Sas, K., Olgun, N.A., Poyarkov, M., Garcia-París, J.W. & Arntzen, J.W. 2005. Phylogeography of two European newt species – discordance between mtDNA and morphology. *Mol. Ecol.* 14: 2475-2491.
- Babik, W., Branicki, W., Šandera, M., Litvinchuk, L.J., Borkin, J.T., Irwin, J. & Rafiński, J. 2004. Mitochondrial phylogeography of the moor frog, *Rana arvalis*. *Mol. Ecol.* 13: 1469-1480.
- Baker, R.J. & Bradley, R.D. 2006. Speciation in mammals and the genetic species concept. *J. Mammal.* 87: 643-662.
- Baran, I. & Atatür, M.K. 1998. *Turkish herpetofauna (Amphibians and Reptiles)*. Ankara (Republic of Turkey, Ministry of the Environment). 214 pp.
- Bellati, A., Carranza, S., Garcia-Porta, M., Fasola, M. & Sindaco, R. 2015. Cryptic diversity within the *Anatololacerta* species complex (Squamata: Lacertidae) in the Anatolian Peninsula: Evidence from a multi-locus approach. *Mol. Phylogenet. Evol.* 82: 219-233.
- Böhme, M. 2003. The Miocene climatic optimum: evidence from the ectothermic vertebrates of Central Europe. *Palaeogr. Palaeoclim. Palaeoecol.* 195: 389-401.

- Böhme, M.U., U. Fritz, T. Kotenko, G. Džukić, K. Ljubisavljević, N. Tzankov & T.U. Berendonk. 2007. Phylogeography and cryptic variation within the *Lacerta viridis* complex (Lacertidae, Reptilia). *Zoolog. Scripta*. 36: 119-131.
- Carranza, S., E.N. Arnold & J.M. Pleguezuelos. 2006. Phylogeny, biogeography, and evolution of two Mediterranean snakes, *Malpolon monspessulanus* and *Hemorrhois hippocrepis* (Squamata, Colubridae), using mtDNA sequences. *Mol. Phylogenet. Evol.* 40: 532-546.
- Cogălniceanu, D., L. Rozyłowicz, P. Székely, C. Samoila, F. Stanescu, M. Tudor, D. Székely & R. Iosif. 2013. Diversity and distribution of reptiles in Romania. *ZooKeys*. 341: 49-76.
- Cornetti, L., M. Menegon, G. Giovine, B. Heulin & C. Vernesi. 2014. Mitochondrial and Nuclear DNA Survey of *Zootoca vivipara* across the Eastern Italian Alps: Evolutionary Relationships, Historical Demography and Conservation Implications. *PLOS One*: e85912.
- Costello, M.J., R.M. May & N.E. Stork 2013. Can we name Earth's species before they go extinct? *Science*. 339: 413-416.
- Crottini, A., F. Andreone, J. Kosuch, L.J. Borkin, S.N. Litvinchuk, C. Eggert & M. Veith. 2007. Fossorial but widespread: the phylogeography of the common spadefoot toad (*Pelobates fuscus*), and the role of the Po Valley as a major source of genetic variability. *Mol. Ecol.* 16: 2734-2754.
- De Lattin, G. 1967. *Grundriss der Zoogeographie*. Jena: Gustav Fischer Verlag.
- Dermitzakis, D.M. & D.J. Papanikolaou. 1981. Paleogeography and geodynamics of the Aegean region during the Neogene. *Annales Geol. Pays Helleniques*. 30: 245-289.
- Derneži, D. (Ed.). 2010. Mediterranean basin biodiversity hotspot. *Critical Ecosystem*. CEPF donor council, July 27, 2010.
- Douris, V., G.C. Rodakis, S. Giokas, M. Mylonas & R. Lecanidou. 1995. Mitochondrial DNA and morphological-differentiation of *Albinaria* populations (Gastropoda, Clausiliidae). *J. Mollusc. Studies*. 61: 65-78.
- Dufresnes, C., J. Wassef, K. Ghali, A. Brelsford, M. Stöck, P. Lymberakis, J. Crnobrnja-Isailović & N. Perrin. 2013. Conservation phylogeography: does historical diversity contribute to regional vulnerability in European tree frogs (*Hyla arborea*)? *Mol. Ecol.* 22: 5669-5684.

- Dufresnes, C., A. Brelford, J. Crnobrnja-Isailović, N. Tzankov, P. Lymberakis & N. Perrin. 2015. Timeframe of speciation inferred from secondary contact zones in the European tree frog radiation (*Hyla arborea* group). *BMC Evolutionary Biology*. 15: 155.
- Džukić, G. & M.L. Kalezić. 2004. The Biodiversity of Amphibians and Reptiles in the Balkan Peninsula. Pp. 167-192. In: Griffiths H.I. (ed.). *Balkan Biodiversity*. Kluwer Academic Publishers. 357 pp.
- Eggert, C., D. Cogălniceanu, M. Veith, G. Džukić & P. Taberlet. 2006. The declining Spadefoot toad, *Pelobates fuscus* (Pelobatidae): paleo and recent environmental changes as a major influence on current population structure and status. *Conserv. Genet.* 7: 185-195.
- Espreagueira Themudo, G., B. Wielstra & J.W. Arntzen. 2009. Multiple nuclear and mitochondrial genes resolve the branching order of a rapid radiation of crested newts (*Triturus*, Salamandridae). *Mol. Phylogenet. Evol.* 52: 321-328.
- Estes, R. 1983. *Encyclopedia of Paleoherpology*. Part 10A. Sauria terrestria, Amphisbaenia. Fischer Verlag, Stuttgart.
- Fattorini, S. 2002. Biogeography of the tenebrionid beetles (Coleoptera, Tenebrionidae) on the Aegean Islands (Greece). *J. Biogeogr.* 29: 49-67.
- Ferchaud, A.-L., S. Ursenbacher, M. Cheylan, L. Luiselli, D. Jelić, B. Halpern, Á. Major, T. Kotenko, N. Keyan, R. Behrooz, J. Crnobrnja-Isailović, L. Tomović, I. Ghira, Y. Ioannidis, V. Arnal & C. Montgelard. 2012. Phylogeography of the *Vipera ursinii* complex (Viperidae): mitochondrial markers reveal an east-west disjunction in the Palaearctic region. *J. Biogeogr.* 39: 1836-1847.
- Fijarczyk, A., K. Nadachowska, S. Hofman, S.N. Litvinchuk, W. Babik, M. Stuglik, G. Gollmann, L. Choleva, D. Cogălniceanu, T. Vukov, G. Džukić & J.M. Szymura. 2011. Nuclear and mitochondrial phylogeography of the European fire-bellied toads *Bombina bombina* and *Bombina variegata* supports their independent histories. *Mol. Ecol.* 20: 3381-3398.
- Fritz, U., D. Guicking, H. Kami, M. Arakelyan, M. Auer, D. Ayaz, C.A. Fernández, A.G. Bakiev, A. Celani, G. Džukić, S. Fahd, P. Havaš, U. Joger, V.F. Khabibullin, L.F. Mazanaeva, P. Široký, S. Tripepi, A.V. Vélez, G.V. Antón & M. Wink. 2007. Mitochondrial phylogeography of European pond turtles (*Emys orbicularis*, *Emys trinacris*) – an update. *Amphibia-Reptilia*. 28: 418-426.

- Fritz, U., M. Auer, A. Bertolero, M. Cheylan, T. Fattizzo, A.K. Hundsörfer, M.M. Sampayo, J.L. Pretus, P. Široký & M. Wink. 2006. A rangewide phylogeography of Hermann's tortoise, *Testudo hermanni* (Reptilia: Testudines: Testudinidae): implications for taxonomy. *Zoolog. Scripta*. 35: 531-543.
- Fritz, U., T. Fattizzo, D. Guicking, S. Tripepi, M.G. Pennisi, P. Lenk, U. Joger & M. Wink. 2005. A new cryptic species of pond turtle from southern Italy, the hottest spot in the range of the genus *Emys* (Reptilis, Testudines, Emydidae). *Zool. Scripta*. 34: 351-371.
- Gaston, K.J. & R. David. 1994. Hotspots across Europe. *Biodiversity Letters*. 2: 108-116.
- Gauthier, J, M. Kearney, J.A. Maisano, O. Rieppel & A.D.B. Behlke. 2012. Assembling the squamate tree of life: perspectives from the phenotype and the fossil record. *Bull. Peabody. Mus. Nat. Hist*. 53: 3-308.
- Gómez, A. & D.H. Lunt. 2004. Chapterer IV: Refugia within refugia: Patterns of phylogeographic concordance in the Iberian Peninsula. Pp. 1-42. In: S. Weiss & N. Ferrand (ed.): *Phylogeography in Southern European Refugia. Evolutionary Perspectives on Origins and Conservation of European Biodiversity*. Dordrecht, The Netherlands: Springer Publishers.
- Grillitsch, H. & A. Cabela. 1990. Zum systematischen Status der Blindschleichen (Squamata: Anguidae) der Peloponnes und der südlichen Ionischen Inseln (Griechenland). *Herpetozoa*. 2: 131-153.
- Guicking, D., U. Joger & M. Wink. 2009. Cryptic diversity in a Eurasian water snake (*Natrix tessellata*, Serpentes: Colubridae): evidence from mitochondrial sequence data and nuclear ISSR-PCR fingerprinting. *Org. Divers. Evol*. 9: 201-214.
- Gvoždík, V., D. Canestrelli, M. García-París, J. Moravec, G. Nascetti, E. Recuero, J. Teixeira & P. Kotlík. 2015. Speciation history and widespread introgression in the European short-call tree frogs (*Hyla arborea* sensu lato, *H. intermedia* and *H. sarda*). *Mol. Phylogenet. Evol*. 83: 143-155.
- Gvoždík, V., D. Jandzík, B. Cordos, I. Reháč & P. Kotlík. 2012. A mitochondrial DNA phylogeny of the endangered vipers of the *Vipera ursinii* complex. *Mol. Phylogenet. Evol*. 62: 1019-1024.
- Gvoždík, V., D. Jandzík, P. Lymberakis, D. Jablonski & J. Moravec. 2010. Slow Worm, *Anguis fragilis* (Reptilia: Anguidae) as a species complex: Genetic structure reveals deep divergences. *Mol. Phylogenet. Evol*. 55: 460-472.

- Gvoždík, V., N. Benkovský, A. Crottini, A. Bellati, J. Moravec, A. Romano, R. Sacchi & D. Jandzik. 2013. An ancient lineage of slow worms, genus *Anguis* (Squamata: Anguillidae), survived in the Italian Peninsula. *Mol. Phylogenet. Evol.* 69: 1077-1092.
- Harris, D.J., V. Batista, P. Lymberakis & M.A. Carretero. 2004. Complex estimates of evolutionary relationships in *Tarentola mauritanica* (Reptilia: Gekkonidae) derived from mitochondrial DNA sequences. *Mol. Phylogenet. Evol.* 30: 855-859.
- Hewitt, G.M. 1996. Some genetic consequences of ice ages, and their role in divergence and speciation. *Biol. J. Linn. Soc.* 58: 247-276.
- Hewitt, G.M. 1999. Post-glacial re-colonization of European biota. *Biol. J. Linn. Soc.* 68: 87-112.
- Hewitt, G.M. 2000. The genetic legacy of the Quaternary ice ages. *Nature.* 405: 907-913.
- Hewitt, G.M. 2011. Mediterranean Peninsulas: The Evolution of Hotspots. Pp. 123-147. In: F.E. Zachos & J.C. Habel (ed.): *Biodiversity Hotspots*. Berlin Heidelberg: Springer Publishers. 563 pp.
- Hofman, S., C. Spolsky, T. Uzzell, D. Cogălniceanu, W. Babik & J.M. Szymura. 2007. Phylogeography of the fire-bellied toads *Bombina*: independent Pleistocene histories inferred from mitochondrial genomes. *Mol. Ecol.* 16: 2301-2316.
- Hsü, K., L. Montadert, D. Bernuilli, M.B. Cita, A. Erickson, B.E. Garrison, R.B. Kidd, F. Mélières, C. Müller & R. Wright. 1977. History of the Mediterranean salinity crisis. *Nature.* 267: 399-403.
- Husemann, M., T. Schmitt, F.E. Zachos, W. Ulrich & J.C. Habel. 2014. Palaeartic biogeography revisited: evidence for the existence of a North African refugium for Western Palaeartic biota. *J. Biogeogr.* 41: 81-94.
- Ivanov, M. 2007. Herpetological assemblages from the Pliocene to the middle Pleistocene in Central Europe: palaeoecological significance. *Geodiversitas.* 29: 297-320.
- Jablonski, D., D. Jandzik & V. Gvoždík. 2012. New records and zoogeographic classification of amphibians and reptiles from Bosnia and Herzegovina. *North-West. J. Zool.* 8: 324-337.
- Jablonski, D., D. Jandzik, P. Mikulíček, G. Džukić, K. Ljubisavljević, N. Tzankov, D. Jelić, E. Thanou, J. Moravec & V. Gvoždík. 2016. Contrasting evolutionary histories of the legless lizards slow worms (*Anguis*) shaped by the topography of the Balkan Peninsula. *BMC Evolutionary Biology.* 16:99.

- Jesse, R., C.D. Shubart & S. Klaus. 2010. Identification of cryptic lineage within *Potamon fluviatile* (Herbst) (Crustacea: Brachyura: Potamidae). *Invertebr. Syst.* 24: 348-356.
- Joger, U., U. Fritz, D. Guicking, S.A. Kalyabina-Hauf, Z.T. Nagy & M. Wink. 2007. Phylogeography of western Palaearctic reptiles – Spatial and temporal speciation patterns. *Zool. Anz.* 246: 293-313.
- Joger, U., U. Fritz, D. Guicking, S.A. Kalyabina-Hauf, Z.T. Nagy & M. Wink. 2010. Relict populations and endemic clades in palearctic reptiles: evolutionary history and implications for conservation. Pp. 119-143. In: J.C. Habel & T. Assmann (ed.). *Relict Species: Phylogeography and Conservation Biology*. Springer-Verlag, Berlin Heidelberg. 468 pp.
- Kasapidis, P., A. Magoulas, M. Mylonas & E. Zouros. 2005. The phylogeography of the gecko *Cyrtopodion kotschy* (Reptilia: Gekkonidae) in the Aegean archipelago. *Mol. Phylogenet. Evol.* 35: 612-623.
- Kindler, C., W. Böhme, C. Corti, V. Gvoždík, D. Jablonski, D. Jandzik, M. Metallinou, P. Široký & U. Fritz. 2013. Mitochondrial phylogeography, contact zones and taxonomy of grass snakes (*Natrix natrix*, *N. megalocephala*). *Zoolog. Scripta.* 42: 458-472.
- Kornilios, P., C. Ilgaz, Y. Kumlutas, P. Lymberakis, J. Moravec, R. Sindaco, N. Rastegar-Pouyani, M. Afroosheh, S. Giokas, S. Fragedakis-Tsolis & B. Chondropoulos. 2012. Neogene climatic oscillations shape the biogeography and evolutionary history of the Eurasian blindsnake. *Mol. Phylogenet. Evol.* 62: 856-873.
- Kornilios, P., E. Thanou, P. Lymberakis, R. Sindaco, C. Liuzzi & S. Giokas. 2013. Mitochondrial phylogeography, intraspecific diversity and phenotypic convergence in the four-lined snake (Reptilia, Squamata). *Zoolog. Scripta* 43: 149-160.
- Kornilios, P., P. Kyriazi, N. Poulakakis, Y. Kumlutaş, C. Ilgaz, M. Mylonas & P. Lymberakis. 2010. Phylogeography of the ocellated skink *Chalcides ocellatus* (Squamata, Scincidae), with the use of mtDNA sequences: A hitch-hiker's guide to the Mediterranean. *Mol. Phylogenet. Evol.* 54: 445-456.
- Král, V. 1999. *Fyzická geografie Evropy*. Academia, Praha.
- Kryštufek, B., E.V. Bužan, W.F. Hutchinson & B. Hanfling. 2007. Phylogeography of the rare Balkan endemic Martino's vole, *Dinaromys bogdanovi*, reveals strong differentiation within the western Balkan Peninsula. *Mol. Ecol.* 16: 1221-1232.
- Kyriazi, P., N. Poulakakis, A. Parmakelis, P.A. Crochet, J. Moravec, N. Rastegar-Pouyani, C.S. Tsigenopoulos, A. Magoulas, M. Mylonas & P. Lymberakis. 2008. Mitochondrial DNA

- reveals the geological history of the snake-eyed lizards (*Ophisops elegans* and *O. occidentalis*) (Sauria: Lacertidae). *Mol. Phylogenet. Evol.* 49: 795-805.
- Kyriazi, P., P. Kornilios, Z.T. Nagy, N. Poulakakis, Y. Kumlutaş, Ç. Ilgaz, A. Avcı, B. Göçmen & P. Lymberakis. 2013. Comparative phylogeography reveals distinct colonization patterns of Cretan snakes. *J. Biogeogr.* 40: 1143-1155.
- Litvinchuk, S.N., A. Crottini, S. Federici, P. de Pous, D. Donaire, F. Andreone, M.L. Kalezić, G. Džukić, G.A. Lada, L.J. Borkin & J.M. Rosanov. 2013. Phylogeographic patterns of genetic diversity in the common spadefoot toad, *Pelobates fuscus* (Anura: Pelobatidae), reveals evolutionary history, postglacial range expansion and secondary contact. *Org. Divers. Evol.* 13: 433-451.
- Ljubisavljević, K., O. Arribas, G. Džukić & S. Carranza. 2007. Genetic and morphological differentiation of Mosor rock lizard, *Dinarolacerta mosorensis* (Kolombatović, 1886), with the description of a new species from the Prokletije Mountain Massif (Montenegro) (Squamata: Lacertidae). *Zootaxa.* 1613: 1-22.
- Lymberakis, P. & N. Poulakakis. 2010. Three Continents Claiming an Archipelago: The Evolution of Aegean's Herpetofaunal Diversity. *Diversity* 2: 233-255.
- Lymberakis, P., N. Poulakakis, A. Kaliontzopoulou, E. Valakos & M. Mylonas. 2008. Two new species of *Podarcis* (Squamata; Lacertidae) from Greece. *Syst. Biodivers.* 6: 307-318.
- Macey, R.J., J.A. Schulte, A. Larson, B.S. Tuniyev, N. Orlov & T.J. Papenfuss. 1999. Molecular phylogenetics, tRNA evolution, and historical biogeography in Anguid lizards and related taxonomic families. *Mol. Phylogenet. Evol.* 12: 250-272.
- Mačát, Z., M. Starcová, J. Červenka, D. Jablonski & M. Šandera. 2014. A molecular assessment and first record of *Tarentola mauritanica* (Squamata: Phyllodactylidae) on Corfu, Greece. *Salamandra.* 50: 172-176.
- Mantziou, G., N. Poulakakis, P. Lymberakis, E. Valakos & M. Mylonas. 2004. The inter- and intraspecific status of Aegean *Mauremys rivulata* (Chelonia, Bataguridae) as inferred by mitochondrial DNA sequences. *Herpetol. J.* 14: 34-45.
- Marzahn, E., W. Mayer, U. Joger, Ç. Ilgaz, D. Jablonski, C. Kindler, Y. Kumlutaş, A. Nistri, N. Schneeweiß, M. Vamberger, A. Žagar & U. Fritz. 2016. Phylogeography of the *Lacerta viridis* complex: mitochondrial and nuclear markers provide taxonomic insights. *Journal of Zoological Systematics and Evolutionary Research.* 54: 85-105.

- Mayer, W., H. Grillitsch & A. Cabela. 1991. Proteinelektrophoretische Untersuchungen zur Systematik der südgriechischen Blindschleiche (Squamata: Anguidae). *Herpetozoa*. 4: 157-165.
- Médail, F. & K. Diadema. 2009. Glacial refugia influence plant diversity patterns in the Mediterranean Basin. *J. Biogeogr.* 36: 1333-1345.
- Messerli, B. 1967. Die eiszeitliche und die gegenwärtige Vergletscherung im Mittelmeerraum. *Geogr. Helv.* 22: 105-228
- Mizsei, E., D. Jablonski, S.A. Roussos, M. Dimaki, Y. Ioannidis, G. Nilson & Z.T. Nagy. 2017. Nuclear markers support the mitochondrial phylogeny of *Vipera ursinii-renardi* complex (Squamata: Viperidae) and species status for the Greek meadow viper. *Zootaxa*. 4227: 75-88
- Mizsei, E., D. Jablonski, Z. Végvári, S. Lengyel & M. Szabolcs. 2017b. Distribution and diversity of reptiles in Albania: a novel database from a Mediterranean hotspot. *Amphibia-Reptilia*. 38: 157-173.
- Młynarski, M. & Z. Szyndlar. 1989. Plazy i gady – Amphibia et Reptilia. Pp. 69-88. In: Kowalski, K. (ed.): *Historia i ewolucje lądowej fauny Polski*. *Folia Quaternaria*. 59-60.
- Mráz, P. & M. Ronikier. 2016. Biogeography of the Carpathians: evolutionary and spatial facets of biodiversity. *Biol. J. Linn. Soc.* 119: 528-559.
- Musilová, R., V. Zavadil, S. Marková & P. Kotlík. 2010. Relics of the Europe's warm past: Phylogeography of the Aesculapian snake. *Mol. Phylogenet. Evol.* 57: 1245-1252.
- Nagy, Z.T., M. Bellaagh, M. Wink, A. Paunović & Z. Korsós. 2010. Phylogeography of the Caspian whipsnake in Europe with emphasis on the westernmost populations. *Amphibia-Reptilia*. 31: 455-461.
- Nagy, Z.T., U. Joger, D. Guicking & M. Wink. 2002. Phylogeography of the European Whip Snake, *Coluber (Hierophis) viridiflavus* as inferred from nucleotide sequences of the mitochondrial cytochrome *b* gene and ISSR genomic fingerprinting. *Biota*. 3: 109-118.
- Pabijan, M., P. Zieliński, K. Dudek, M. Chloupek, K. Sotiropoulos, M. Liana & W. Babik. 2015. The dissection of a Pleistocene refugium: phylogeography of the smooth newt, *Lissotriton vulgaris*, in the Balkans. *J. Biogeogr.* 42: 671-683.

- Parmakelis, A., I. Pfenninger, L. Spanos, G. Papagiannakis, C. Louis & M. Mylonas. 2005. Inference of a radiation in *Mastus* (Gastropoda, Pulmonata, Enidae) on the island of Crete. *Evolution*. 59: 991-1005.
- Parmakelis, A., I. Stathi, L. Spanos, C. Louis & M. Mylonas. 2006a. Phylogeography of *Iurus dufourei*. *J. Biogeogr.* 33: 251-260.
- Parmakelis, A., I. Stathi, M. Chatzaki, S. Simaiakis, L. Spanos, C. Louis & M. Mylonas. 2006b. Evolution of *Mesobuthus gibbosus* (Brullé, 1832) (Scorpiones: Buthidae) in the northeastern Mediterranean region. *Mol. Ecol.* 15: 2883-2894.
- Podnar, M., B.B. Mađarić, W. Mayer. 2014. Non-concordant phylogeographical patterns of three widely codistributed endemic Western Balkans lacertid lizards (Reptilia, Lacertidae) shaped by specific habitat requirements and different responses to Pleistocene climatic oscillations. *J. Zoolog. Syst. Evol. Res.* 52: 119-129.
- Podnar, M., W. Mayer & N. Tvrčković. 2004. Mitochondrial phylogeography of the Dalmatian wall lizard, *Podarcis melisellensis* (Lacertidae). *Org. Divers. Evol.* 4: 307-317.
- Podnar, M., W. Mayer & N. Tvrčković. 2005. Phylogeography of the Italian wall lizard, *Podarcis sicula*, as revealed by mitochondrial DNA sequences. *Mol. Ecol.* 14: 575-588.
- Popov, S.V., F. Rögl, A.Y. Rozanov, F.F. Steiniger, I.G. Shcherba & M. Kovac. 2004. Lithological-paleogeographic maps of Paratethys: 10 maps Late Eocene to Pliocene. *Courier Forschungsinstitut Senckenberg* 250: 1-46.
- Popov, S.V., I.G. Shcherba, L.B. Ilyina, L.A. Nevesskaya, N.P. Paramonova, S.O. Khondkarian & I. Magyar. 2006. Late Miocene to Pliocene palaeogeography of the Paratethys and its relation to the Mediterranean. *Palaeogeogr. Palaeoclimatol. Palaeoecol.* 238: 91-106.
- Poulakakis, N., P. Kapli, P. Lymberakis, A. Trichas, K. Vardinoyiannis, S. Sfenthourakis & M. Mylonas. 2015. A review of phylogeographic analyses of animal taxa from the Aegean and surrounding regions. *Journal of Zoological Systematics and Evolutionary Research.* 53: 18-32.
- Poulakakis, N., P. Lymberakis, A. Antouniou, D. Chalkia Zouros, M. Mylonas & E. Valakos. 2003. Molecular phylogeny and biogeography of the wall-lizard *Podarcis erhardii* (Squamata: Lacertidae). *Mol. Phylogenet. Evol.* 28: 38-46.

- Poulakakis, N., P. Lymberakis, C.S. Tsigenopoulos, A. Magoulas & M. Mylonas. 2005. Phylogenetic relationships and evolutionary history of snake-eyed skink *Ablepharus kitaibelii* (Sauria: Scincidae). *Mol. Phylogenet. Evol.* 34: 245-256.
- Poulakakis, N., P. Lymberakis, E. Valakos, E. Zouros & M. Mylonas. 2005. Phylogenetic relationships and biogeography of *Podarcis* species from the Balkan Peninsula, by bayesian and maximum likelihood analyses of mitochondrial DNA sequences. *Mol. Phylogenet. Evol.* 37: 845-857.
- Poulakakis, N., P. Lymberakis, E. Valakos, P. Pafilis, E. Zouros & M. Mylonas. 2005. Phylogeography of Balkan wall lizard (*Podarcis tauricus*) and its relatives inferred from E. mitochondrial DNA sequences. *Mol. Ecol.* 14: 2433-2443.
- Poulakakis, N., V. Pakaki, M. Mylonas & P. Lymberakis. 2008. Molecular phylogeny of the Greek legless skink *Ophiomorus punctatissimus* (Squamata: Scincidae): The impact of the Mid-Aegean trench in its phylogeography. *Mol. Phylogenet. Evol.* 47: 396-402.
- Provan, J. & K.D. Bennett. 2008. Phylogeographic insights into cryptic glacial refugia. *Trends Ecol. Evol.* 23: 564-571.
- Psonis, N., A. Antoniou, O. Kukushkin, D. Jablonski, B. Petrov, J. Crnobrnja-Isailović, K. Soutiropoulos, I. Gherghel, P. Lymberakis & N. Poulakakis. 2017. Hidden diversity in the *Podarcis tauricus* (Sauria, Lacertidae) species subgroup in the light of multilocus phylogeny and species delimitation. *Mol. Phylogenet. Evol.* 106: 6-17
- Rato, C., M.A.L. Zuffi, C. Corti, S. Fornasiero, A. Gentilli, E. Razzetti, S. Scali, M.A. Carretero & D.J. Harris. 2009. Phylogeography of the European Whip Snake, *Hierophis viridiflavus* (Colubridae), using mtDNA and nuclear DNA sequences. *Amphibia-Reptilia* 30: 283-289.
- Rato, C., S. Carranza & D.J. Harris. 2011. When selection deceives phylogeographic interpretation: The case of the Mediterranean house gecko, *Hemidactylus turcicus* (Linnaeus, 1758). *Mol. Phylogenet. Evol.* 58: 365-373.
- Rato, C., S. Carranza, A. Perea, M.A. Carretero & D.J. Harris. 2010. Conflicting patterns of nucleotide diversity between mtDNA and nDNA in the Moorish gecko, *Tarentola mauritanica*. *Mol. Phylogenet. Evol.* 56: 962-971.
- Recuero, E., D. Buckley, M. Garcia-Paris, J.W. Arntzen, D. Cogalniceanu & I. Martínez-Solano. 2014. Evolutionary history of *Ichthyosaura alpestris* (Caudata, Salamandridae) inferred from the combined analysis of nuclear and mitochondrial markers. *Mol. Phylogenet. Evol.* 81: 207-220.

- Recuero, E., D. Canestrelli, J. Vörös, K. Szabó, N.A. Poyarkov, J.W. Arntzen, J. Crnobrnja-Isailović, A.A. Kidov, D. Cogalniceanu, F.P. Caputo, G. Nescetti & I. Martínez-Solano. 2012. Multilocus species tree analyses resolve the radiation of the widespread *Bufo bufo* species group (Anura, Bufonidae). *Mol. Phylogenet. Evol.* 62: 71-86.
- Reed, J.M., B. Kryštufek & W.J. Eastwood. 2004. The physical geography of the Balkans and nomenclature of place names. Pp. 9-22. In: Griffiths H.I. (ed.). *Balkan Biodiversity*. Kluwer Academic Publishers.
- Reyjol, Y., B. Hugueny, D. Pont, P.G. Bianco, U. Beier, N. Caiola, F. Casals, I. Cowx, A. Economou, T. Ferreira, G. Haidvogel, R. Noble, A. de Sostoa, T. Vigneron & T. Virbickas. 2007. Patterns in species richness and endemism of European freshwater fish. *Global Ecol. Biogeogr.* 16: 65-75.
- Riberon, A., C. Miaud, K. Grossenbacher & P. Taberlet. 2001. Phylogeography of the Alpine salamander, *Salamandra atra* (Salamandridae) and the influence of the Pleistocene climatic oscillations on population divergence. *Mol. Ecol.* 10: 2555-2560.
- Sagonas, K., N. Poulakakis, P. Lymberakis, A. Parmakelis, P. Pafilis & E.D. Valakos. 2014. Molecular systematics and historical biogeography of the green lizards (*Lacerta*) in Greece: Insights from mitochondrial and nuclear DNA. *Mol. Phylogenet. Evol.* 76: 144-154.
- Salvi, D., D.J. Harris, A. Kaliontzopoulou, M.A. Carretero & C. Pinho. 2013. Persistence across Pleistocene ice ages in Mediterranean and extra-Mediterranean refugia: phylogeographic insights from the common wall lizard. *BMC Evolutionary Biology* 13: 147.
- Savić, I.R. 2008. Diversification of the Balkan fauna: its origin, historical development and present status. pp. 57-79. In: Makarov, Dimitrijević (Eds.), *Advances in Arachnology and Developmental Biology. Papers dedicated to Prof. Dr. Božidar Čurčić*. Inst.Zool., Belgrade; BAS, Sofia, Fac. Life sci., Vienna; SASA, Belgrade & UNESCO MAB Committee, Serbia. ViennaBelgrade-Sofia, Monographs, 12.
- Sfenthourakis, S. 1996. A biogeographical analysis of terrestrial isopods (Isopoda, Oniscidea) from the central Aegean islands (Greece). *J. Biogeogr.* 23: 687-698.
- Schmitt, T. & Z. Varga. 2012. Extra-Mediterranean refugia: The rule and not the exception? *Front. Zool.* 9: 22.
- Schmitt, T. 2007. Molecular biogeography of Europe: Pleistocene cycles and postglacial trends. *Front. Zool.* 4: 11.

- Sillero, N., J. Campos, A. Bonardi, C. Corti, R. Creemers, P.-A. Crochet, J. Crnobrnja-Isailović, M. Denoël, F.G. Ficetola, J. Gonçalves, S. Kuzmin, P. Lymberakis, P. de Pous, A. Rodríguez, R. Sindaco, J. Speybroeck, B. Toxopeus, D.R. Vieites & M. Vences. 2014. Updated distribution and biogeography of amphibians and reptiles of Europe. *Amphibia-Reptilia*. 35: 1-31.
- Simaiakis, S.M., A. Dimopoulou, A. Mitrakos, M. Mylonas & A. Parmakelis. 2012. The evolutionary history of the Mediterranean centipede *Scolopendra cingulata* (Latreille, 1829) (Chilopoda: Scolopendridae) across the Aegean archipelago. *Biol. J. Linn. Soc.* 105: 507-521.
- Simpson, G.G. 1951. The species concept. *Evolution*. 5: 285-298.
- Sindaco, R. & V.K. Jeremčenko. 2008. The reptiles of the Western Palearctic. Edizioni Belvedere, Latina (Italy), 579 pp.
- Skourtanioti, E. P. Kapli, Ç. Ilgaz, Y. Kumlutas, A. Avci, F. Ahmadzadeh, J. Crnobrnja-Isailović, I. Gherghel, P. Lymberakis & N. Poulakakis. 2016. A reinvestigation of phylogeny and divergence times of the *Ablepharus kitaibelii* species complex (Sauria, Scincidae) based on mtDNA and nuDNA genes. *Mol. Phylogenet. Evol.* 103: 199-214.
- Sommer, R.S., A. Persson, N. Wieseke & U. Fritz. 2007. Holocene recolonization and extinction of the pond turtle, *Emys orbicularis* (L., 1758), in Europe. *Quaternary Sci. Rev.* 26: 3099-3107.
- Sommer, R.S., C. Lindqvist, A. Persson, H. Bringsøe, A.G.J. Rhodin, N. Schneeweiss, P. Široký, L. Bachmann & U. Fritz. 2009. Unexpected early extinction of the European pond turtle (*Emys orbicularis*) in Sweden and climatic impact on its Holocene range. *Mol. Ecol.* 18: 1252-1262.
- Sotiropoulos, K., K. Eleftherakos, G. Džukić, M.L. Kalezić, A. Legakis & R.M. Polymeni. 2007. Phylogeny and biogeography of the alpine newt *Mesotriton alpestris* (Salamandridae, Caudata), inferred from mtDNA sequences. *Mol. Phylogenet. Evol.* 45: 211-226.
- Speybroeck, J., W. Beukema, B. Bok, J. Van Der Voort & I. Velikov. 2016. Field guide to the amphibians and reptiles of Britain and Europe. London, Bloomsbury.
- Stewart, J.R., A.M. Lister, I. Barnes & L. Dalén. 2010. Refugia revisited: individualistic responses of species in space and time. *Proc. R. Soc. B.* 277: 661-671.

- Stöck, M., C. Dufresnes, S.N. Litvinchuk, P. Lymberakis, S. Biollay, M. Berroneau, A. Borzée, K. Ghali, M. Ogielska & N. Perrin. 2012. Cryptic diversity among Western Palearctic tree frogs: Postglacial range expansion, range limits, and secondary contacts of three European tree frog lineages (*Hyla arborea* group). *Mol. Phylogenet. Evol.* 65: 1-9.
- Stöck, M., S. Dubey, C. Klütsch, S.N. Litvinchuk, U. Scheidt & N. Perrin. 2008. Mitochondrial and nuclear phylogeny of circum-Mediterranean tree frogs from the *Hyla arborea* group. *Mol. Phylogenet. Evol.* 49: 1019-1024.
- Stojanov, A., N. Tzankov & B. Naumov. 2011. *Die Amphibien und Reptilien Bulgariens*. Edition Chimaira, Frankfurt am Main. 582 pp.
- Stümpel, N., M. Rajabizadeh, A. Avci, W. Wüster & U. Joger. 2016. Phylogeny and diversification of mountain vipers (*Montivipera*, Nilson et al., 2001) triggered by multiple Plio–Pleistocene refugia and high-mountain topography in the Near and Middle East. *Mol. Phylogenet. Evol.* 101: 336-351.
- Surget-Groba, Y., B. Heulin, C.-P. Guillaume, M. Puky, D. Semenov, V. Orlova, L. Kupriyanova, I. Ghira & B. Šmajda. 2006. Multiple origins of viviparity, or reversal from viviparity to oviparity? The European common lizard (*Zootoca vivipara*, Lacertidae) and the evolution of parity. *Biol. J. Linn. Soc.* 87: 1-11.
- Szabó, K. & J. Vörös. 2014. Distribution and hybridization of *Anguis fragilis* and *A. colchica* in Hungary. *Amphibia-Reptilia* 35: 135-140.
- Taberlet, P., L. Fumagalli, A.G. Wust-Saucy & J.F. Cosson. 1998. Comparative phylogeography and postglacial colonization routes in Europe. *Mol. Ecol.* 7: 453-464.
- Taskavak, E., M.J. Reimann, & W. Polder. 1999. First record of the Nile Soft-Shelled Turtle, *Trionyx triunguis*, from Kos Island, Greece, with comments on its occurrence in the eastern Mediterranean. *Chelonian Conserv. Bi.* 3: 510-511.
- Thanou, E., S. Giokas & P. Kornilios. 2014. Phylogeography and genetic structure of the slow worms *Anguis cephallonica* and *Anguis graeca* (Squamata: Anguidae) from the southern Balkan Peninsula. *Amphibia-Reptilia*. 35: 263-269.
- Tomović, L., R. Ajtić, K. Ljubisavljević, A. Urošević, D. Jović, I. Krizmanić, N. Labus, S. Đorđević, M.L. Kalezić, T. Vukov & G. Džukić. 2014. Reptiles in Serbia – distribution and diversity patterns. *Bull. Nat. Hist. Mus.* 7: 129-158.

- Ursenbacher, S., M. Carlsson, V. Helfer, H. Tegelström & L. Fumagalli. 2006. Phylogeography and Pleistocene refugia of the adder (*Vipera berus*) as inferred from mitochondrial DNA sequences data. *Mol. Ecol.* 15: 3425-3437.
- Ursenbacher, S., S. Schweiger, L. Tomović, J. Crnobrnja-Isailović, L. Fumagalli & W. Mayer. 2008. Molecular phylogeography of the nose-horned viper (*Vipera ammodytes*, Linnaeus (1758)): Evidence for high genetic diversity and multiple refugia in the Balkan peninsula. *Mol. Phylogenet. Evol.* 46: 1116-1128.
- Valakos, E.D., P. Pafilis, K. Sotiropoulos, P. Lymberakis, P. Maragou & J. Foufopoulos. 2008. The Amphibians and Reptiles of Greece. Chimaira, Frankfurt am Main. 463 pp.
- Vamberger, M., H. Stuckas, D. Ayaz, P. Lymberakis, P. Široký & U. Fritz. 2014. Massive transoceanic gene flow in a freshwater turtle (Testudines: Geoemydidae: *Mauremys rivulata*). *Zool. Scripta.* 43: 313-322.
- Veith, M., J. Kosuch & M. Vences. 2003. Climatic oscillations triggered post-Messinian speciation of Western Palearctic brown frogs (Amphibia, Ranidae). *Mol. Phylogenet. Evol.* 26: 310-327.
- Vences, M., J.S. Hauswaldt, S. Steinfartz, O. Rupp, A. Goesmann, S. Künzel, P. Orozco-terWengel, D.R. Vieites, S. Nieto-Roman, S. Hass, C. Laugsch, M. Gehara, S. Bruchmann, M. Pabijan, A.K. Ludewig, D. Rudert, C. Angelini, L.J. Borkin, P.A. Crochet, A. Crottini, A. Dubois, G.F. Ficetola, P. Galán, P. Geniez, M. Hachtel, O. Jovanovic, S.N. Litvinchuk, P. Lymberakis, A. Ohler & N.A. Smirnov. 2013. Radically different phylogeographies and patterns of genetic variation in two European brown frogs, genus *Rana*. *Mol. Phylogenet. Evol.* 68: 657-670.
- Vidal, N., J. Marin, J. Sassi, F.U. Battistuzzi, S. Donnellan, A.J. Fitch, B.G. Fry, F.J. Vonk, R.C. Rodriguez de la Vega, A. Couloux & S.B. Hedges. 2012. Molecular evidence for an Asian origin of monitor lizards followed by Tertiary dispersals to Africa and Australia. *Biol. Lett.* 8: 853-855.
- Vörös, J., P. Mikulíček, Á. Major, E. Recuero & J.W. Arntzen. Phylogeographic analysis reveals northerly refugia for the riverine amphibian *Triturus dobrogicus* (Caudata: Salamandridae). *Biol. J. Linn. Soc.* 119: 974-991.
- Wielstra, B., S.N. Litvinchuk, B. Naumov, N. Tzankov & J.W. Arntzen. 2013. A revised taxonomy of crested newts in the *Triturus karelinii* group (Amphibia: Caudata: Salamandridae), with the description of a new species. *Zootaxa.* 3682: 441-453.

- Wielstra, B., W. Babik & J.W. Arntzen. 2015. The crested newt *Triturus cristatus* recolonized temperate Eurasia from an extra-Mediterranean glacial refugium. *Biol. J. Linn. Soc.* 114: 574-587.
- Wiley, E.O. 1978. Evolutionary species concept reconsidered. *Systematic Zoology*. 27: 17-26.