

**A. Selecție de 10 lucrări, cele mai relevante:**

1. **Strugariu A.**, Gherghel I., Zamfirescu Ș.R. (2014): *Annual reproduction in female adders (Vipera berus) from a montane environment*. **Journal of Herpetology** 48: 552-555. DOI: 10.1670/12-253. (Factor de Impact = 0,838).
2. Sahlean T.C., Gherghel I., Papeș M., **Strugariu A.**, Zamfirescu Ș.R. (2014): Refining Climate Change Projections for Organisms with Low Dispersal Abilities: A Case Study of the Caspian Whip Snake. **PLoS One** 9(3): e91994. doi:10.1371/journal.pone.0091994. (Factor de Impact = 3,534).
3. Roșca I., Gherghel I., **Strugariu A.**, Zamfirescu Ș.R. (2013): *Feeding ecology of two newt species (Triturus cristatus and Lissotriton vulgaris) during the reproduction season*. **Knowledge and Management of Aquatic Ecosystems**: sub tipar. ISSN 1961-9502 (Factor de Impact: 0.622).
4. Zamfirescu, Ș.R., **Strugariu A.**, Gherghel I., Zamfirescu O. (2012): *In situ confirmation of the occurrence of the critically endangered Moldavian meadow viper (Vipera ursinii moldavica) in the Ciritei Valley (Iași, Romania)*. **North-Western Journal of Zoology** 8 (2): 378-381. ISSN 1584-5629 (Factor de Impact: 0.706).
5. Gherghel I., **Strugariu A.**, Ambrosă I.M., Zamfirescu Ș.R. (2012): *Updated distribution of hybrids between Lissotriton vulgaris and Lissotriton montandoni (Amphibia: Caudata: Salamandridae) in Romania*. **Acta Herpetologica** 7 (1): 49-55. ISSN 1827-9643. (Factor de Impact: 0.621).
6. **Strugariu A.**, Gherghel I., Ghira I., Covaciu-Marcov S.D., Mebert K. (2011): *Distribution, habitat preferences and conservation of the Dice Snake (Natrix tessellata) in Romania*. In: Mebert K. (ed.): *The Dice Snake, Natrix tessellata: Biology, Distribution and Conservation of a Palearctic Species*. Deutsche Gesellschaft für Herpetologie und Terrarienkunde (Germania): 227-228. ISBN 978-3-9812565-4-3. (**capitol de carte**)
7. **Strugariu A.**, Zamfirescu Ș.R. (2011): *Population characteristics of the adder (Vipera berus berus) in the Northern Romanian Carpathians with emphasis on colour polymorphism: Is melanism always adaptive in vipers?* **Animal Biology** 61: 457-468. ISSN 1570-7555, Online ISSN: 1570-7563. (Factor de Impact: 0.721)
8. **Strugariu A.**, Zamfirescu, Ș.R., Gherghel I., Sahlean T.C., Moraru V., Zamfirescu O. (2011): *A preliminary study on population characteristics and ecology of the critically endangered meadow viper, Vipera ursinii, in the Romanian Danube Delta*. **Biologia** 66: 175-180. ISSN 0006-3088. (Factor de Impact: 0.557)
9. Zinenko O., Țurcanu V., **Strugariu A.** (2010): *Distribution and morphological variation of Vipera berus nikolskii Vedmerja, Grubant et Rudaeva, 1986 in Western Ukraine, The Republic*

*of Moldova and Romania. Amphibia-Reptilia* 31: 51-67. ISSN 0173-5373. (Factor de Impact: 0.976).

10. **Strugariu A.**, Zamfirescu Ș.R. (2009): A melanistic adder neonate born from a cryptic female. Are black vipers born heavier ? **North-Western Journal of Zoology** 5 (1): 218-223. ISSN 1584-5629. (Factor de Impact: 0.817).

## B. Cărți și capitole de cărți

1. Zamfirescu, Ș.R., Zamfirescu, O., Popescu, I.E., Ion, C., **Strugariu, A.** (2008): *Vipera de stepă (Vipera ursinii moldavica) și habitatele sale din Moldova (România)*. Editura Universității “Al. I. Cuza” – Iași. 141 pp. ISBN 978-973-703-315-4. [în română cu rezumat în engleză].
2. **Strugariu A.**, Gherghel I., Ghira I., Covaciu-Marcov S.D., Mebert K. (2011): *Distribution, habitat preferences and conservation of the Dice Snake (Natrix tessellata) in Romania*. In: Mebert K. (ed.): *The Dice Snake, Natrix tessellata: Biology, Distribution and Conservation of a Palearctic Species*. Deutsche Gesellschaft für Herpetologie und Terrarienkunde (Germania): 227-228. ISBN 978-3-9812565-4-3.
3. Zamfirescu Ș.R., **Strugariu A.**, Zamfirescu O., Gorgan I., Ion C., Popescu I., Gherghel I. (2011): *Vipera ursinii moldavica in Eastern Romania (Moldavian Meadow Viper)*. In: Dragone C. & Lisse H. (eds.): *Technical guide to manage and monitor populations of Orsini's viper*. European LIFE Program 06/Net/F/00143 “Conservation of French populations of Orsini's viper” (Franța): 109-115.
4. Sas I., Covaciu-Marcov S. D., Demeter L., Cicort-Lucaciu A. Șt., **Strugariu A.** (2008): *Distribution and status of the moor frog (Rana arvalis) in Romania*. In: Glandt D. & Jehle R. (eds.): *Der Moorfrosch / The Moor Frog*. Laurenti Verlag, Bielefeld (Germania): 337-354. ISBN 978-3-933066-37-4 [în engleză cu rezumat în germană și engleză]

## C. Articole/ studii publicate *in extenso*, în reviste din circuitul științific internațional:

### C.1. Articole/ studii publicate *in extenso* în reviste indexate Web of Science:

1. Strugariu A., Gherghel I., Zamfirescu Ș.R. (2014): Annual reproduction in female adders (*Vipera berus*) from a montane environment. *Journal of Herpetology* 48: 552-555. DOI: 10.1670/12-253. (Factor de Impact = 0,838).
2. Sahlean T.C., Gherghel I., Papeș M., **Strugariu A.**, Zamfirescu Ș.R. (2014): Refining Climate Change Projections for Organisms with Low Dispersal Abilities: A Case Study of the Caspian Whip Snake. **PLoS One** 9(3): e91994. doi:10.1371/journal.pone.0091994. (Factor de Impact = 3,534).

3. Roșca I., Gherghel I., **Strugariu A.**, Zamfirescu Ș.R. (2013): *Feeding ecology of two newt species (Triturus cristatus and Lissotriton vulgaris) during the reproduction season.* **Knowledge and Management of Aquatic Ecosystems**: sub tipar. ISSN 1961-9502 (Factor de Impact: 0.622).
4. Mânzu C., Gherghel I., Zamfirescu Ș. Zamfirescu O., Roșca I., **Strugariu A.** (2013): *Current and future potential distribution of glacial relict Ligularia sibirica (Asteraceae) in Romania and temporal contribution of Natura 2000 to protect the species in light of global change.* **Carpathian Journal of Earth and Environmental Sciences** 8 (2): 77-87. ISSN 1842-4090 (Factor de Impact 0,727).
5. Zamfirescu, Ș.R., **Strugariu A.**, Gherghel I., Zamfirescu O. (2012): *In situ confirmation of the occurrence of the critically endangered Moldavian meadow viper (Vipera ursinii moldavica) in the Ciritei Valley (Iași, Romania).* **North-Western Journal of Zoology** 8 (2): 378-381. ISSN 15845629 (Factor de Impact: 0.706).
6. Gherghel I., **Strugariu A.**, Ambrosă I.M., Zamfirescu Ș.R. (2012): *Updated distribution of hybrids between Lissotriton vulgaris and Lissotriton montandoni (Amphibia: Caudata: Salamandridae) in Romania.* **Acta Herpetologica** 7 (1): 49-55. ISSN 1827-9643. (Factor de Impact: 0.621).
7. **Strugariu A.**, Zamfirescu Ș.R. (2011): *Population characteristics of the adder (Vipera berus berus) in the Northern Romanian Carpathians with emphasis on colour polymorphism: Is melanism always adaptive in vipers?* **Animal Biology** 61: 457-468. ISSN 1570-7555, Online ISSN: 1570-7563. (Factor de Impact: 0.721)
8. **Strugariu A.**, Zamfirescu, Ș.R., Gherghel I., Sahlean T.C., Moraru V., Zamfirescu O. (2011): *A preliminary study on population characteristics and ecology of the critically endangered meadow viper, Vipera ursinii, in the Romanian Danube Delta.* **Biologia** 66: 175-180. ISSN 0006-3088. (Factor de Impact: 0.557)
9. Gherghel I., **Strugariu A.**, Sahlean T.C., Ștefănescu A. (2011): *New Romanian distribution record for Darevskia praticola pontica (Lantz & Cyren, 1919) at its north-western range limit.* **Herpetozoa** 23: 91:93. (Factor de Impact: 0.389)
10. Zinenko O., Țurcanu V., **Strugariu A.** (2010): *Distribution and morphological variation of Vipera berus nikolskii Vedmerja, Grubant et Rudaeva, 1986 in Western Ukraine, The Republic of Moldova and Romania.* **Amphibia-Reptilia** 31: 51-67. ISSN 0173-5373. (Factor de Impact: 0.976)
11. Gherghel I., **Strugariu A.**, Sahlean T.C., Zamfirescu O. (2009): *Anthropogenic impact or anthropogenic accommodation ? Distribution range expansion of the common wall lizard (Podarcis muralis) by means of artificial habitats in the north-eastern limits of its range.* **Acta Herpetologica** 4 (2): 65-71. ISSN 1827-9643.
12. **Strugariu A.**, Zamfirescu Ș.R. (2009): *A melanistic adder neonate born from a cryptic female. Are black vipers born heavier ?* **North-Western Journal of Zoology** 5 (1): 218-223. ISSN 1584-5629. (Factor de Impact: 0.817).
13. Sas I., Covaciu-Marcov S.D., **Strugariu A.**, David A., Ilea Cr. (2009): *Food habits of Pelophylax kl.*

*esculentus* females from a new recorded E-system population, from a forested habitat in NorthWestern Romania. **Turkish Journal of Zoology** 33: 1-5. ISSN 1300-0179.

14. Covaciu-Marcov S.D., Cicort-Lucaciu A.Ș., Dobre F., Ferenți S., Birceanu M., Mihuț R., **Strugariu, A.** (2009): *The herpetofauna of the Jiului Gorge National Park, Romania*. **North-Western Journal of Zoology** 5 (Supplement 1): 1-78. ISSN: 1584-9074; (Factor de Impact: 0.817).
15. **Strugariu A.**, Zamfirescu Șt., Nicoară A., Gherghel I., Sas I., Pușcașu Cr. M., Bugeac T. (2008): *Preliminary data regarding the distribution and status of the herpetofauna in Iași County (Romania)*. **North-Western Journal of Zoology** 4 (Supplement 1): S1-S23. ISSN 1584-5629.
16. Covaciu-Marcov S.D., Cicort-Lucaciu Al. Șt., Sas I., **Strugariu A.**, Cacuci P., Gherghel I. (2008): *Contributions to the knowledge regarding the composition and geographical distribution of the herpetofauna from northern Moldavia (Suceava and Botosani counties, Romania)*. **North-Western Journal of Zoology** 4 (Supplement 1): S24-S47. ISSN 1584-5629. (Factor de Impact: 0.817).
17. **Strugariu A.**, Gherghel I. (2008): *A preliminary report on the composition and distribution of the herpetofauna from the Lower Prut River Basin (Romania)*. **North-Western Journal of Zoology** 4 (Suppl. 1): S49-S69. ISSN 1584-5629.
18. Gherghel I., **Strugariu A.**, Ghiurcă D., Cicort-Lucaciu Al. - Șt. (2008): *The herpetofauna from the Bistrița River Basin (Romania): geographical distribution*. **North-Western Journal of Zoology** 4 (Supplement 1): S71-S103. ISSN 1584-5629.
19. Gherghel I., **Strugariu A.**, Glăvan T. (2007): *Eremias arguta deserti (Reptilia: Lacertidae): is not extinct from Romanian Moldavia*. **North-Western Journal of Zoology** 3 (2): 115-120. . ISSN 1584-5629.
20. Țibu P.L., **Strugariu A.** (2007) : *A new record for the blotched snake (Elaphe sauromates) in Romania*. **North-Western Journal of Zoology** 3 (1) : 62-65. ISSN 1584-5629.
21. **Strugariu Al.**, Gherghel I. (2007): *New record on the occurrence of Dolichophis caspius (Reptilia: Coluberidae) in Romanian Moldavia*. **North-Western Journal of Zoology** 3 (1): 57-61. ISSN 1584-5629.

## C.2. Articole/ studii publicate *in extenso* în reviste indexate BDI:

1. **Strugariu A.**, Huțuleac-Volosciuc M.V., Dincă P.C., Zamfirescu Ș.R., Sahlean T.C. (2014): *Smooth snake (Coronella austriaca) predation on a live grass snake (Natrix natrix) in eastern Romania*. **Herpetologica Romanica** 8: 29-32.
2. Dincă, P.C., **Strugariu A.**, Stoica D.L., Zamfirescu Ș.R. (2014): *A rapid survey of the herpetofauna of the Taia River Valley (Hunedoara County, Romania)*. **Herpetologica Romanica** 8: 39-45.
3. Dincă, P.C., **Strugariu A.**, Iftime A., Iftime O., Zamfirescu O., Zamfirescu Ș.R. (2013): *Herpetofauna of the upper Topolog river basin (Romania)*. **Analele Științifice ale Universității “Al. I. Cuza” Iași**,

- s. **Biologie Animală** 54: 61-68. ISSN 1224-581X (Thomson Reuters Master Journal List, Zoological Record, CNCSIS B).
4. **Strugariu A.**, Zamfirescu Ș.R., Gherghel I., Sahlean T.C. (2011): *Unusual early parturition in temperate region viviparous snakes during the atypically hot summer of 2007*. **Herpetologica Romanica** 5: 43-49. ISSN: 1842-9203 (Thomson Reuters Master Journal List, Zoological Record, Index Copernicus; ICV = 3.92)
5. Zamfirescu Ș.R., **Strugariu A.**, Gherghel I., Zamfirescu O. (2011): *Human impact on habitats of the meadow viper (Vipera ursinii) in Eastern Romania*. **Analele Științifice ale Universității “Al. I. Cuza” Iași, s. Biologie Animală** 52: 43-56. ISSN 1224-581X (Thomson Reuters Master Journal List, Zoological Record, CNCSIS B).
6. Ion C., Zamfirescu, Ș.R., **Strugariu A.** (2011): *The potential relationships between predators and Moldavian meadow vipers (Vipera ursinii moldavica) in Eastern Romania*. **Analele Științifice ale Universității “Al. I. Cuza” Iași, s. Biologie Animală** 52: 35-42. ISSN 1224-581X (Thomson Reuters Master Journal List, Zoological Record, CNCSIS B).
7. Zamfirescu Ș.R., **Strugariu A.**, Gherghel I., Zamfirescu O. (2010): *Sfântu Gheorghe (Tulcea, Romania): an important herpetological area*. **Analele Științifice ale Universității “Al. I. Cuza” Iași, s. Biologie Animală** 51: 119-128. ISSN 1224-581X (Thomson Reuters Master Journal List, Zoological Record, CNCSIS B).
8. Gherghel I., **Strugariu A.**, Ghira. I. (2010): *On the presence of paedomorphosis in Lissotriton vulgaris (Amphibia: Salamandridae) from Danube Delta*. **Herpetologica Romanica** 4: 62-64. ISSN: 1842-9203 (Thomson Reuters Master Journal List, Zoological Record, Index Copernicus; ICV = 3.92)
9. **Strugariu A.**, Gherghel I., Nicoară A., Huțuleac-Volosciuc M.V., Moraru V., Mizeruș A. (2009): *A rapid survey of the herpetological fauna from Vaslui County (Romania) with the first record of the slow-worm (Anguis fragilis) in the region*. **Herpetologica Romanica** 3: 25-30. ISSN: 1842-9203 (Thomson Reuters Master Journal List, Zoological Record, Index Copernicus; ICV = 3.92)
10. Gherghel I., **Strugariu A.** (2009): *Further evidence of phenotypic plasticity in the sand lizard: The “erythronotus” colour morph in the pontic sand lizard (Lacerta agilis euxinica)*. **Herpetologica Romanica** 3: 77-79. ISSN: 1842-9203 (Thomson Reuters Master Journal List, Zoological Record, Index Copernicus; ICV = 3.92)
11. **Strugariu A.**, Sos T., Sotek A., Gherghel I., Hegyeli Z. (2009): *New locality records for the adder (Vipera berus) in the Carpathian Corner, Romania*. **Advances in Environmental Sciences** 1 (2): 65-71. ISSN: 2066-7620 (ISI Web of Knowledge, CAB Abstracts, Index Copernicus).
12. Gherghel I., **Strugariu A.**, Zamfirescu, Ș.R. (2009): *Using maximum entropy to predict the distribution of a critically endangered reptile species (Eryx jaculus, Reptilia: Boidae) at its Northern range limit*. **Advances in Environmental Sciences** 1 (2): 65-71. ISSN: 2066-7620 (ISI Web of Knowledge, CAB Abstracts, Index Copernicus).

13. Zamfirescu Ș.R., Zamfirescu O., **Strugariu A.**, Gherghel I. (2009): *Herpetofauna of the meadows from the site of community interest "The Forest and the Meadows from Mârzești" (Iași, Romania) and notes on habitats. Analele Științifice ale Universității "Al. I. Cuza" Iași, s. Biologie Animală*, Tom LV: 155-163. ISSN 1224-581X (Thomson Reuters Master Journal List, Zoological Record, CNCSIS B)
14. **Strugariu, A.**, Zamfirescu Ș.R., Gherghel I. (2009): *First record of the adder (Vipera berus berus) in Argeș County (Romania). Bihorean Biologist* 3 (2): 163-166. ISSN 1843-5637 (Thomson Reuters Master Journal List, Zoological Record, Index Copernicus).
15. **Strugariu, A.**, Gherghel, I., Zamfirescu, Ș.R., Sahlean, T.C. (2008): *Spatial distribution of the of the herpetofauna in the upper and middle Moldova river basin. Travaux du Muséum National d'Histoire Naturelle Grigore Antipa* 51: 231-242. ISSN 1223 – 2254. (Thomson Reuters Master Journal List, Zoological Record, Biosis Preview, CNCSIS B+)
16. Sahlean, T.C., **Strugariu, A.**, Zamfirescu, Ș., Pavel, A.G., Pușcașu, C.M., Gherghel, I. (2008): *A herpetological hotspot in peril: Anthropogenic impact upon the amphibian and reptile populations from the Băile Herculane tourist resort, Romania. Herpetologica Romanica* 2: 3746. ISSN: 1842-9203 (Thomson Reuters Master Journal List, Zoological Record, Index Copernicus; ICV = 3.92)
17. **Strugariu, A.**, Gherghel, I., Zamfirescu, Ș.R. (2008): *Conquering new ground: On the presence of Podarcis muralis (Reptilia: Lacertidae) in Bucharest, the capital city of Romania. Herpetologica Romanica* 2: 47-50. ISSN: 1842-9203 (Thomson Reuters Master Journal List, Zoological Record, Index Copernicus; ICV = 3.92)
18. Gherghel, I., **Strugariu, A.**, Pricop, E., Zamfirescu, Ș.R. (2008): *The Northern Goșmani Mountains: An important herpetofaunal area requiring urgent protection. Herpetologica Romanica*: 51-54. ISSN: 1842-(Thomson Reuters Master Journal List, Zoological Record, Index Copernicus; ICV = 3.92)
19. **Strugariu, A.**, Sos, T., Gherghel, I., Ghira, I., Sahlean, T.C., Pușcașu, C.M., Huțuleac-Volosciuc, M.V. (2008): *Distribution and current status of the herpetofauna from the northern Macin Mountains area (Tulcea County, Romania). Analele Științifice ale Universității "Al. I. Cuza" Iași, s. Biologie Animală*, Tom LIV: 191-206. ISSN 1224-581X (Thomson Reuters Master Journal List, Zoological Record, CNCSIS B)
20. **Strugariu, A.**, Butnaru, A., Gherghel, I., Sahlean, T.C. (2008): *First record of the smooth snake (Coronella austriaca Laurentus, 1768) in Botoșani County (Romania). Bihorean Biologist* 2: 64-67. (Thomson Reuters Master Journal List, Zoological Record, Index Copernicus)
21. Gherghel, I., **Strugariu, A.** (2007): *Anthropogenic impact upon the herpetofauna and the lake system from the future natural reserve from "Făurei Swamp" (Neamț County, Romania). Analele Științifice ale Universității "Al. I. Cuza" Iași, s. Biologie Animală*, Tom LIII: 175-179. ISSN 1224-581X (Thomson Reuters Master Journal List, Zoological Record, CNCSIS B)
22. **Strugariu, A.**, Gherghel I., Pușcașu M. Cr, Sahlean T.C. (2007): *The current status of the herpetofauna and the important herpetofaunal areas from Suceava County (Romania). Analele*

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(Thomson Reuters Master Journal List, Zoological Record, CNCSIS B)

23. **Strugariu, A.** (2007): *A case of efficient long term sperm storage in smooth snake Coronella austriaca*. **Biota** 8 (1/2): 79-82. ISSN 1580-4208 (Thomson Reuters Master Journal List, Zoological Record)

24. Sas, I., Kovacs, E.H., Covaciu-Marcov, S.D., **Strugariu, A.**, Covaci, R., Ferenc, S. (2007) : *Food habits of a pool frog Pelophylax lessonae – edible frog Pelophylax kl. esculentus population from North-Western Romania*. **Biota** 8 (1/2): 71-78. ISSN 1580-4208 (Thomson Reuters Master

Journal List, Zoological Record)

25. Gherghel I., **Strugariu A.**, Ghiurcă D., Roșu S., Huțuleac-Volosciuc M.V. (2007) : *The composition and distribution of the herpetofauna from the Valea Neagră River basin (Neamț County, Romania)*. **Herpetologica Romanica** 1 : 70-76 . ISSN 1842-9203 (Thomson Reuters Master Journal List, Zoological Record, Index Copernicus; ICV = 3.92)

26. **Strugariu A.**, Gherghel I., Huțuleac-Volosciuc M.V., Pușcașu Cr.M. (2007) : *Preliminary aspects concerning the herpetofauna from urban and peri-urban environments from North-Eastern Romania : a case study in the city of Suceava*. **Herpetologica Romanica** 1 : 53-61. ISSN 1842-9203 (Thomson Reuters Master Journal List, Zoological Record, Index Copernicus; ICV = 3.92)

27. Covaciu-Marcov S.D., Ghira I., Cicort-Lucaciu A.Ș., Sas I., **Strugariu A.**, Bogdan H.V. (2006): *Contributions to knowledge regarding the geographical distribution of the herpetofauna of Dobruja, Romania*. **North-Western Journal of Zoology** 2 (2): 88-125. ISSN 1584-5629. (Thomson Reuters Master Journal List, Zoological Record)

28. **Strugariu A.**, Gherghel I., Huțuleac-Volosciuc M.V., Sahlean T.C., Sas I., Pușcașu M. C. (2006): *Preliminary data concerning the distribution of amphibian fauna in Suceava County (Romania)*.

**Analele Universității din Oradea - Fascicula Biologie**, Tom XIII: 39-47. ISSN 1224-5119. (Thomson Reuters Master Journal List, Zoological Record)

29. **Strugariu A.**, Sahlean C.T., Huțuleac-Volosciuc M.V., Pușcașu M. Cr. (2006): *Preliminary data regarding the distribution of reptilian fauna in Suceava County (Romania)*. **North-Western Journal of Zoology** 2 (1): 39-43. ISSN 1584-5629. (Thomson Reuters Master Journal List, Zoological Record)