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Curriculum Vitae

1. Name and personal data:

First name: Alexandru

Family name: Strugariu

Nationality: Romanian

Citizenship: Romanian

Date and place of Birth: 29.IV.1987,
Suceava, Romania



2. Studies:

- 1994-2002: General School Nr. 4, Suceava, Romania (primary and secondary school).

- 2002-2006: "Petru Rareș" National College, Suceava, Romania: Natural Sciences Department.

- 2006-present: B.Sc. Student: "Alexandru Ioan Cuza" University, Faculty of Biology, Iași, Romania. Topic of B.Sc. thesis: *Study of the Vipera berus (Reptilia: Viperidae) populations from eastern Romania: biogeographical, systematical and ecological implications.* Supervisor: Lecturer Dr. Ștefan Zamfirescu.

3. Awards, Prizes and Honours:

- 2001, 2002: 1st place : "Ecology and Environmental Protection Scientific Papers Competition": county stage, Suceava, Romania.

- 2002: 1st place : "Ecology and Environmental Protection Scientific Papers

Competition”: national stage, Sulina, Romania.

- 2006 : 1st place : “Scientific Paper Competition in Biology for High-School Students”, county stage (Suceava, Romania) and national stage (Cluj-Napoca, Romania).
- 2006 : The “**Best Biologist**” title offered by the “Petru Rareș” National College (Suceava, Romania) for outstanding results in the field of biology.
- 2008 : C.N.C.S.I.S. (Romanian National Institute for Scientific Research in Universities) awards for outstanding scientific research: awarded for the publishing of articles nr. 5 and 6 (see list of published journal articles).

4. Languages Spoken:

LANGUAGE	READING	SPEAKING	WRITING
English	V. Good	V. Good	V. Good
German	Good	Poor	Poor
French	Fair	Poor	Poor
Romanian	Native language		

5. Membership and positions in professional associations:

- Moldavica Herpetological Club (president) : groups.yahoo.com/group/moldavica
- Romanian Herpetological Society (concilier): <http://bioge.ubbcluj.ro/vivariu/srh>
- Herpetological Club of Oradea (affiliated member) : <http://herp-or.uv.ro>
- BIOS Group (coordinator of herpetology group) : <http://bios.uv.ro>
- “Aqua Terra” Ecological Association (member).

6. Main fields of interest and experience:

- Herpetological research:
 1. Zoogeography of the Romanian amphibians and reptiles.

2. Population structure, spatio-temporal dynamics, habitat selection and reproductive biology of some viviparous snake species (*Coronella austriaca*, *Vipera berus*, *Vipera ursinii* and *Vipera ammodytes*) Romania.

3. Morphological variability, systematics and evolution of the *Vipera berus* complex, *Vipera ursinii* complex and *Vipera ammodytes*.

4. Morphological variability and systematics of the sand lizard (*Lacerta agilis*) in Romania.

- Ornithological research (together with M.V. Huțuleac-Volosciuc):

1. Urban avifauna composition in north-eastern Romania.

2. Habitat preferences, nesting and feeding habits of *Accipiter gentilis* in urban and peri-urban environments from Eastern Romania.

- Environmental education:

1. 2005 (august-september): In collaboration with the Bucovina Museum Complex and the Suceava County Council, I organized a live reptile exhibition in the Natural Science Museum, which was visited by over 3000 people.

2. 2002-2006: weekly herpetological lectures and annual exhibitions held at the "Petru Rareș" National College (Suceava, Romania) and other educational institutions from Suceava as well as occasional educational field trips and annual camps organized by the Moldavica Herpetological Club.

3. Present: occasional lectures on different herpetological topics held at schools and camps.

7. Editorial work:

- Editorial Assistant: *Herpetologica Romanica - Bulletin of the Romanian Herpetological Society*, since 2007.

- Editor: *Herpetology Notes* (on line journal of the Societas Europaea Herpetologica), since 2008.
- Reviewer: *North-Western Journal of Zoology* (covered by SCI-e), *Herpetologica Romanica – Bulletin of the Romanian Herpetological Society*.

8. Grants:

- 2007 (Grant Director): Milvus Scholarship - "Study of the composition and distribution of the herpetofauna in Iași County (Romania)".

9. Member in the following past projects:

- 2007: Project "Life Nat/05/000155 - Ecological Reconstruction of the Lower Prut River Floodplain Natural Park".
- 2007: Relocation of the amphibians and reptiles from the Veneția area (Iași, Romania), financed by: S.C. Future Investiții Imobiliare S.R.L.
- 2009-2012 (accepted in 2008): „Vipera ursinii: Comparisons between the populations from Moldavia and the Danube Delta”, a CNCSIS - PNCDI PN II grant. Sum: 1 000 000 RON.

10. Skills:

- Very good knowledge of the European herpetofauna, north-american and african venomous snakes as well as good knowledge of other european, north-american and african vertebrates.
- Rich experience in keeping numerous European and exotic reptile species in captivity.
- Good knowledge of standard and special software: MS Office, Adobe Photoshop, Adobe Acrobat Professional, Statistica 6.0, etc.
- Ability to popularize scientific research.
- Amateur wildlife photographer.

11. Oral presentations (selection from a total of 19) :

1. **Strugariu Al.**, (2007) : *Seasonal activity of an adder, Vipera berus, population from North-Eastern Romania*. 1st Annual Symposium of the Romanian Herpetological Society, 2-3 march, 2007.

3. **Strugariu Al.**, Ghira I., Țibu P.L., Gherghel I., Sahlean T.C., Huțuleac-Volosciuc M.V., Pușcașu Cr.M. (2007): *Distribuția spațială, preferința de habitat și statutul actual al herpetofaunei din nordul zonei Munții Măcinului (jud. Tulcea, România)*. Sesiunea Științifică "Impactul antropic asupra biodiversității". Universitatea "Al. I. Cuza" Iași, 28-30 september 2007. (in romanian)

4. **Strugariu Al.**, Zamfirescu Șt., Gherghel I. (2007) : *A new population of Vipera ursinii moldavica from Romanian Moldavia ?*. "Vipera ursinii rakosiensis Life Program Closing Workshop", 27-28 october, Kecskemet, Hungary. (invited).

6. **Strugariu Al.** (2008) : *Sex-ratio, size structure and melanism in an adder (Vipera berus berus) population from the Northern Carpathians (Romania)*. 2nd Annual Symposium of the Romanian Herpetological Society, 8 march, Cluj-Napoca, Romania.

12. Poster Presentations :

1. Huțuleac-Volosciuc M.V., **Strugariu Al.** (2007): *A preliminary study on the avifauna from urban and peri-urban environments from the city of Suceava (Romania)*. International Conference of Fundamental Sciences, University of Oradea, Faculty of Sciences, 11-13 Nov. 2007, Băile Felix, Romania.

2. . 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*. Concepts for the conservation of the moor frog (*Rana arvalis*) – practice-oriented species conservation in the 21st century, 11-13th September 2008, Osnabruck, Germany.

13. Publications :

- **Books :**

1. Zamfirescu Șt., Zamfirescu O., Popescu I., Ion C., **Strugariu Al.** (2008): *The meadow viper (Vipera ursinii moldavica) and its habitats from Moldova (Romania)*. Ed. Universității “Al. I. Cuza”, Iași (Romania): 141 pg. (in romanian with english summary).

- **Refereed chapters in books :**

1. 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 (Germany): 337-354.

- **Articles in peer-reviewed journals or proceedings :**

1. **Strugariu Al.**, 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.

2. **Strugariu Al.**, Gherghel I., Huțuleac-Volosciuc M.V., Sahlean T.C., Sas I., Pușcașu M. Cr. (2006): *Preliminary data concerning the distribution of amphibian fauna in Suceava County (Romania)*. **Analele Universității din Oradea., Fasc. Biologie**, Tom XIII: 39-47.

3. **Strugariu Al.**, Huțuleac-Volosciuc M.V., Sas I., Pușcașu M.Cr., Sahlean T.C., Gherghel I. (2006): *Contributions to the study of the herpetofauna from the Suceava River Basin (Suceava County, Romania)*. **Studii și Comunicări, Complexul Muzeal de Stiintele Naturii “Ion Borcea”, Bacău** Vol 21: 437-446.

4. Covaciu-Marcov S.D., Ghira I., Cicort-Lucaciu A.Ș., Sas I., **Strugariu Al.**, Bogdan H.V. (2006): *Contributions to knowledge regarding the geographical distribution of the herpetofauna of Dobrudja, Romania*. **North-Western Journal of Zoology** 2 (2): 88-125.

5. **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.

(covered by SCI-e)

6. Țibu P.L., **Strugariu Al.** (2007): *A new record for the blotched snake (*Elaphe sauromates*) in Romania.* **North-Western Journal of Zoology** 3 (1) : 62-65. (covered by SCI-e)

7. **Strugariu Al.**, 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 - Bulletin of the Romanian Herpetological Society.**, Vol. 1 : 53-61.

8. Gherghel I., **Strugariu Al.**, 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 - Bulletin of the Romanian Herpetological Society.**, Vol. 1 : 70-76.

9. Sas I., Kovacs E.H., Covaciu-Marcov S.D., **Strugariu Al.**, Covaci R., Ferenți S. (2007) : *Food habits of a pool frog *Pelophylax lessonae* – edible frog *Pelophylax kl. esculentus* population from North-Western Romania.* **Biota - Journal of Biology and Ecology** 8 (1/2): 71-78.

10. **Strugariu Al.** (2007): *A case of efficient long term sperm storage in smooth snake *Coronella austriaca*.* **Biota - Journal of Biology and Ecology** 8 (1/2): 79-82.

11. Gherghel I., **Strugariu Al.**, Glăvan T. (2007): *Eremias arguta deserti (Reptilia: Lacertidae): is not extinct from Romanian Moldavia.* **North-Western Journal of Zoology** 3 (2): 115-120 (covered by SCI-e)

12. **Strugariu Al.**, 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 Științifice ale Universității "Al. I. Cuza" Iași, s. Biologie Animală**, Tom LIII: 167-174.

13. Gherghel I., **Strugariu Al.** (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.

14. Strugariu Al., 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.

15. Strugariu Al., 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 (Suppl. 1): S1-S23. (covered by SCI-e)

16. Covaciu-Marcov S.D., Cicort-Lucaciu Al. Șt., Sas I., **Strugariu Al.**, 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 (Suppl. 1): S24-S47 (covered by SCI-e)

17. Strugariu Al., 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. (covered by SCI-e)

18. Gherghel I., **Strugariu Al.**, Ghiurcă D., Cicort-Lucaciu Al. - Șt. (2008): *The herpetofauna from the Bistrița River Basin (Romania): geographical distribution*. **North-Western Journal of Zoology** 4 (Suppl. 1): S71-S103(covered by SCI-e)

19. Strugariu Al., Sos T., Gherghel I., Ghira I., Sahlean T.C., Pușcașu Cr.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: in press.

20. Strugariu Al., Gherghel I., Zamfirescu Șt., Sahlean T.C. (2008): *Spatial distribution of the herpetofauna from the upper and middle Moldova river basin*. **Travaux du Museum National d'Histoire Naturelle "Grigore Antipa"**: in press.

21. Sas I., Covaciu-Marcov S.D., **Strugariu Al.**, David A., Ilea Cr. (2009): *Food habits of *Pelophylax kl. esculentus* females from a new recorded E-system population, from a forested habitat in North-Western Romania*. **Turkish Journal of Zoology** 33: 1-5. (covered by SCI-e)

22. Strugariu Al., Zamfirescu Ș.R. (accepted manuscript): *A melanistic adder (Vipera berus) neonate born from a cryptic female: are black vipers born heavier ?* North-Western Journal of Zoology. (covered by SCI-e)

- **Popular articles:**

1. Strugariu Al., 2002. *Fauna Noastră Herpetologică* . Alumn și Alumnel – Revista Colegiului Național “Petru Rareș”. An IV, Nr. 1, Suceava. pg. 16. (in Romanian)

2. Strugariu Al., 2004. *Vipera ursinii MOLDAVICA (vipera de stepă)*. Hyla – publicația Clubului Moldavica - C. N. “Petru Rareș” - nr. 1, Suceava: 2-3. (in Romanian)

3. Strugariu Al., 2004. *Vipera ammodytes (Vipera cu corn)*. Hyla – publicația Clubului Moldavica - C. N. “Petru Rareș” - nr. 2, Suceava: 17-18. (in Romanian)

4. Strugariu Al. 2004. *Herpetofauna României*. Hyla – publicația Clubului Moldavica - C. N. “Petru Rareș” - nr. 2, Suceava: 24-27. (in Romanian)

5. Strugariu Al. 2004. *Alerta taxonomică !!!*. Hyla – publicația Clubului Moldavica - C. N. “Petru Rareș” - nr. 2, Suceava. pg. 28. (in Romanian)

6. Strugariu Al. 2004. *Herpetofauna întâlnită în Rezervația “Pădurea Hagieni”, iulie 2004*. Hyla – publicația Clubului Moldavica - C. N. “Petru Rareș” - nr. 2, Suceava: 31-32. (in Romanian)

7. Strugariu Al. 2005. *Expediție în Nordul Greciei*. Monitorul – joi, 21 aprilie – Suceava, pg. 12. (in Romanian).

8. Strugariu Al. 2005. *Expoziție de reptile*. Monitorul – joi, 09 iunie – Suceava, pg. 12. (in Romanian).

9. Strugariu Al. 2005. *Expediție herpetologică în Munții Măcinului*. Monitorul – joi, 20 octombrie – Suceava, pg. 12. (in Romanian).