

CURRICULUM VITAE

1. NAME AND PERSONAL DATA

First name: Ioan Cosmin

Family name: Moga

Nationality: Romanian

Age: 39 years

2. PRESENT TITLE AND POSITION

- Phd. student in biology: Study of the avifauna of Podisului Mediasului and the surrounding areas.
- Biologist, *The Mihai Eminescu Trust*, Sighisoara.
- Manager of the Breite Reserve
- Biology teacher : Joseph Haltrich highschool, Sighisoara.

3. EDUCATION:

- 1989-1994. B.Sc in Agronomy, Agricultural Faculty at the University of Agricultural Sciences, Cluj-Napoca.
- 1994-1999. Highschool teacher in Sighisoara.
- 1999-2002. B.Sc in Biology, Babes-Bolyai University, Cluj-Napoca.
- 2002-2003. M.Sc in Biology, Babes-Bolyai University Cluj Napoca.
- 2003-present. PhD student, Babes-Bolyai University Cluj-Napoca, under supervision of Dr. Tomescu Nicolae.

4. KNOWN LANGUAGES:

English – basic level

5. RESEARCH INTERESTS:

Birds ecology, landscape ecology.

7. PUBLICATIONS

1. *Scientific publications in international refereed journal*

Hartel, T., **Moga, C.I.**, David, A., Coroiu, I. Pond area – species richness relationships in amphibians and birds. *Community Ecology*, in press.(IF=0.604)

Hartel, T., Nemes, Sz., Cogalniceanu, D., Öllerer, K., **Moga, C. I.**, D. Lesbarreres, L. Demeter. Pond and landscape determinants of *Rana dalmatina* population sizes in a Romanian rural landscape. *Acta Oecologica*, in press. (IF=1.306)

Hartel, T., K. Öllerer, D. Cogălniceanu, Sz. Nemes, **C.-I. Moga**, L. Demeter. 2008. Using a habitat based approach in mapping amphibian distribution in Romania: study case of the Saxon cultural landscape in the Târnava Mare basin. *Italian Journal of Zoology*, in press. (IF=0.466)

Hartel, T., **C. I. Moga**, K. Öllerer, I. Sas, L. Demeter, D. Rusti, A. Balog. 2008. A Proposal towards the incorporation of spatial heterogeneity into animal distribution studies in Romanian landscapes. *North-Western Journal of Zoology* 4: 173-188. (Covered by ISI).

Öllerer, K., T. Hartel, **C. I. Moga**, Anna Anna-Mária Csergő. 2008. Conservation management activities in the Breite Wood Pasture Natural Reserve (Sighisoara, Romania). 6th European Conference on Ecological Restoration Ghent, Belgium, 8-12/09/2008.

Moga I. C., T. Hartel, & M. Vogrin. 2007. Aspects of the passage of waterfowl at the fish ponds in Brădeni, Romania. *Biota - Journal of Biology and Ecology* 8/1-2, 43-49.

Hartel, T., Sz. Nemes, D. Cogălniceanu, K. Öllerer, O. Schweiger, **C.I. Moga** and L. Demeter. 2007. The effect of fish and habitat complexity on amphibians. *Hydrobiologia* 583: 173-182. (IF=1.201)

Moga I. C., A. David, T. Hartel, and I. Coroiu. 2005. Trophic spectrum of long-eared owl *Asio otus* during a winter lacking significant snow cover. *Biota - Journal of Biology and Ecology* 6/1-2, 43-48.

Hartel, T., **C. I. Moga**, Sz. Nemes. 2005. Use of temporary ponds by amphibians in a wood pasture, Romania. *Biota - Journal of Biology and Ecology* 5: 21-28.

2. Scientific publication in Romanian refereed journals

Hartel, T., **C. I. Moga**, L. Farczády. 2008. Incorporating occupancy models in designing studies of animal distribution: an application on *Hyla arborea*. *Studia Universitatis Babeş-Bolyai, Seria Biologia* 2: 19-32.

Hartel, T. **C. I. Moga**. 2007. Population fluctuations and the spatial habitat use by amphibians in a human modified landscape. *Studia Universitatis Babeş-Bolyai, Seria Biologia* 2: 19-32.

Moga I. C., K. Öllerer, T. Hartel, 2007. The Breeding avifauna of the Breite Plateau Natural Reserve and the surrounding forest. *Studia Universitatis Babeş-Bolyai, Biologia*, LII, 2, p. 33-43.

Moga I. C. 2006. Status of the avifauna in the Sighişoara area in 1948 and present: a comparative approach. *Studia Universitatis Babeş-Bolyai, Biologia*, LI, 1, 11-22.

Moga I. C., David A., Coroiu I. and Munteanu D., 2004. Birds fauna of the fishponds from Campenesti (Cluj County, Romania). *Travaux du National d Histoire Naturelle <Grigore Antipa> XLVI*: 251-269.

3. Scientific publication in Romanian nonrefereed journals

Moga I. C. and K. Öllerer, 2007. The importance of the riparian forest habitat for birds species richnes in the Tarnava Mare Valley (Transylvania, Romania). *Transylvanian Review of Ecological and Systematical Research*, 4: 179-185.

Hartel T., K. Öllerer, **C. I. Moga.**, 2007. Regional distribution, dynamic and determinants of breeding pond use of *Pelobates fuscus* (Amphibia) in the middle section of the Târnava Mare basin (Transylvania, Romania). *Transylvanian Review of Ecological and Systematical Research*, 4: 149-158.

Moga I.C. 2005. Study on the avifauna of the Mediaş Plateau. **Scripta Ornitologica Romaniae**. Vol. II, 26-37.

Moga I. C. 2005. The bird fauna from the centuries oak trees Nature Reserve from the Breite Plateau and the Neighbouring forests. *Scripta Ornitologica Romaniae*. Vol. II, 128-132.

Moga I. C., 2004. Avifaunistical Reasons for Designatind a New Protected Area in the Middle Basin of Tarnava Mare River. *Scripta Ornitologica Romaniae* 1: 52-57.

Moga I. C. 2004. *Cygnus olor* breeds on Brădeni fishponds. *Scripta Ornitologica Romaniae* 1: 96-97.

4. Popularization publication:

Moga I. C. 2003. Sighisoara: landscape value. **Sighisoara Journal**, nr. 296, pp. 16.

Moga I. C., 2004. Why do we destroy? **Sighisoara Journal**, nr. 364, pp. 5.

Hartel, T, **Moga, C.I.** 2006. The Breite Reservation: a paradise that escaped from destruction? (Rezervația Breite: un paradis care a săpat de destrămăre?) **Jurnalul Sighișoara Reporter** Iulie.

8. REPORTS

Moga I. C., T. Hartel and A. Gota. 2007. A report from a BOU-supported project: Situation of the Corncrake *Crex crex* population in the Medias Table Land, Transylvania, Romania. In: News and notices. *Ibis* 149: 444-447.

Cosmin Ioan Moga and T. Hartel, 2007. Project: Conservation of the farmland birds and its habitats in Southern Part of Transylvania Tableland, Romania. Preliminar report for Rufford Maurice Fundation.

Cosmin Ioan Moga and T. Hartel, 2007. Project: Conservation of the farmland birds and its habitats in Southern Part of Transylvania Tableland, Romania. Final report for Rufford Maurice Foundation.

9. BIODIVERSITY CONSERVATION

Scientific documentation for the proposal of two Natural Parks (Laslea NP and Bunesti NP), a new Natural Reserve (Bradeni fishponds) and the extension of the Breite Natural Reserve.

Scientific data for the designation of Natura 2000 areas (SCI and SPA)

Member of the team who realized the Management Plan of the Breite Nature Reserve.

10. GRANTS

PROJEKT LEADER

2005. **British Ornithologists Union:** The situation of the *Crex crex* population in the Medias Table Land, Romania.

2006. **The Mihai Eminescu Trust Foundation:** Research on the use of open habitats by birds in winter, in the Stejareni and Malâncrav Valleys.

2007. **The Rufford Maurice Laing Foundation:** Conservation of the farmland birds and its habitats in Southern Part of Transylvania Tableland, Romania.

2008. **The Mihai Eminescu Trust Foundation:** Folosirea habitatelor din Valea Tarnavei Mari de catre specia *Lanius minor*.

PARTICIPANT

2004. **Fundatia Pentru Parteneriat:** Management plan of Breite Reservation. In partnership with the following NGO's: Sighisoara Durabila, Mihai Eminescu Trust, Ecotransilvania Educational Association, Environmental Protection Agency-Targu Mures.

Grant CNCSIS 223/2005 – Mapping of the rare and protected animal and plant species from the Padurea Craiului, Vladesei, Codru Moma and Zarandului Mountains.

2006: **The Mihai Eminescu Trust Foundation:** Research on the amphibian mortality caused by auto traffic in the Tarnava Mare basin.