

**Curriculum vitae
Europass**

Inserați fotografia. (rubrică facultativă, vezi instrucțiunile)

Personal Information

First name / Surname Nițu Eugen
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 Naționalitate(-tăți) Romanian
 Data nașterii May 30, 1964
 gender masculine

Studies applied for **Research in systematics and biodiversity, zoogeography and ecology.
 Biodiversity conservation; environment protection.
 Studies on systematics, zoogeography, ecology of Coleoptera species.**

Work Experience

Period	01.11.2001 - prezent
Occupation and position held	Senior researcher II, Biospeleology and Soil Biology Department.
Main activities and responsibilities	Studies on systematics, zoogeography and ecology of soil, subterranean and saproxylic Coleoptera. Protection, management and monitoring of Coleoptera species of Romania.
Employer's name and locality	Romanian Academy ; «Emile Racovitză» Institute of Speleology, Calea 13 septembrie No. 13, sector 5, Bucharest 050711
business or sector	Research
Period	09.01.1996 – 10.31. 2001
Occupation and position held	Senior researcher III
Main activities and responsibilities	Biological researches: Studies on systematics, zoogeography and ecology of soil, subterranean and saproxylic Coleoptera; studies of adaptive morphology, niche overlapping among functional trophic category in Coleoptera.
Employer's name and locality	Romanian Academy «Emile Racovitză» Institute of Speleology, Calea 13 septembrie No. 13, sector 5, Bucharest 050711
business or sector	Research
Period	09.01.1992 -08.31.1996
Occupation and position held	Researcher
Main activities and responsibilities	Studies on systematics, zoogeography and ecology of soil, saproxylic and subterranean Coleoptera.
Employer's name and locality	Romanian Academy «Emile Racovitză» Institute of Speleology, Calea 13 septembrie No. 13, sector 5, Bucharest 050711
business or sector	Research
Period	15.09.1990-01.09.1992
Occupation and position held	Research assistant
Main activities and responsibilities	Researches on taxonomy, zoogeography and phylogeny of Coleoptera.

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Employer's name and locality Romanian Academy, Institute of Biology in Bucharest, Taxonomy Department. Splaiul Independenței 296, București 060031, OP-CP 56-53, ROMANIA

business or sector Research

Period 09.23.1989-09.15.1990

Occupation and position held Biologist

Main activities and responsibilities Phytosanitary control of plants and agricol products, product analysis and releasing of phytosanitary permits for import-export activity for products free of pest species.

Employer's name and locality The Central Phyto-sanitary Laboratory in Bucharest. Invertebrates department, Bulevardul Voluntari 11, Voluntari, 077190.

Period 09.16.1986 – 09.23.1989

Occupation and position held Probationer biologist

Main activities and responsibilities Researches and analyses)chemical and biochemical analyses on vineyards and grapes

Employer's name and locality Grapes and Wine Research and Production Station Greaca, Giurgiu County

business or sector Research chemical and bichemical analyses.

Education and training

Period 1991 - 1997

qualification awarded PhD in Biology

list of principal subjects covered or skills acquired The taxonomy and zoogeography of *Coleoptera* species of the Romanian fauna. Statistical Ecology.

education or training organisation's name and locality Romanian Academy, Institute of Biology Bucharest.

Period 1982-1986

qualification awarded Bachelor degree in Biology

list of principal subjects covered or skills acquired Invertebrate zoology, vertebrate zoology, comparative anatomy, ecology, statistical ecology, systematic botany, cell biology, cyto-histo-embriology, animal physiology, plant physiology, plant cytology, hydrobiology, entomology, microbiology, genetic, analitical chemistry, biochemistry, biophysics. Statistycal Ecology.

education or training organisation's name and locality Biology Section, Faculty of Biology, Bucharest University

Personal skills

Microphotograpy, Drawing.

Mother tongue(s)

Romanian

Other language(s)

Autoevaluation

European level(*)

English

French

German

UNDERSTANDING				SPEAKING				WRITING	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient	C1	Proficient	C1	Proficient	C1	Proficient	C1	Proficient
B2	Independent	B2	Independent	B1	Insdependent	B1	Independent	A2	Basic
A2	Basic	B1	Independent	A1	Basic	A1	Basic	A2	Basic

(*)Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Social skills

Working in complex research teams on field expeditions and interinstitutional projects and grants.

Organisational / managerial skills

Organiser of Scientific Sesion of Research communications of "Emile Racovitza" Institute of Speleology 2007, 2008;
Member in the scientific committee of Annual Congress of Zoology "Gr. Antipa" (2010-2014)
Scientific Secretary of the academic series "Fauna Romaniei" (Romanian Fauna)
Redactor in Chief at „Travaux de l'Institut de Spéologie Émile Racovitza”
Responsible, coordinator for research contracts and projects and Grant director (see annex 2)

Job-related skills

Technical skills and competences in systematics zoology and statistical ecology.
 -Skills in quantitative and qualitative sampling of invertebrate fauna (with Barber traps, MSS drillings, light traps, Winkler extactor, direct sampling).
 High professional competences in species identification (Coleoptera) and microscopy, microphotography and micrometry.
 Competence and expertise in parametric and nonparametric statistical analysis Skills and competences in using the methods of analysis and interpretation in regional zoogeography, migrational zoogeography, historical zoogeography, chorology.

Computer skills

User of programs PAUP, HENNIG (pylogeny) – Specialisation stage at Institute of Limnology in Mondsee, Austria, 1992.
 User of programs „Ecostat” (Ludwig and Reynolds aut.), Biodiversity Professional, Canoco for Windows, MaxStat (statistical Ecology).
 Advanced skills in using programs „Ms. Office” „Corel Draw – Corel Photo Paint” and „Helicon Focus.

Other skills

Drawing, macro and microphotography.

Driving licence

Cathegory B

Additional Information**Memberships**

member in SIBIOS (International Society for Subterranean Biology)
<http://www.fi.cnr.it/sibios/members.htm>
 founding member of the Romanian Society of General and Applied Entomology (SOREGA).

Awards:

Prize “Emil Racoviță” conferred by the Romanian Academy (2006)

Specific experience in region**Country****De la Data - până la Data**

Austria	8.XII.1992-22.XII.1992 – Limnology Laboratory in Mondsee
France	1993-1995 stages at Subterranean Laboratory Moulis
Israel	June 1995 Scientific expedition + Studz af the soil and subterranean invertebrate fauna of Neghev
România	1982-2009 – participant in elaboration of the faunal inventory of the protected areas of Romania and monitoring of national and communitary interes level of species of Coleoptera.
România	6 – 13 VI.2008. Expert in nevertebrates at national level (mandated expert for Ord. Coleoptera at Biogeographic Seminars for establishing the satus of protected areas and of the communitary importance sites as part of the European ecological net NATURA 2000 - Mandate NO. 1789/A.K./28.05.2008 emitted by Ministry of Environment and Development) and European (Red List of the European Saproxlyic Beetles)

Anexe

Annex 1. Publications
 Annex 2. Projects and Grants
 Annex 3. Conferences

Annex 1.
Publications

A. In Romanian scientific journals.

- Alexandrina Popescu, Nițu E., 1986- Insects, an Important Component Part of the Food of the Little-Owl (*Athene noctua noctua* Scop.) in Summer Time. *Ann. Univ. Buc. An XXXV*, p.17-20
- Nițu, E., 1991- *Calosoma (Charmosta) investigator* Ill., a new species for the Romanian Fauna. *Rev. Roumaine de Biologie*, 36 (1-2):121-125. Ed. Academiei Române.
- Nițu E., 1992- *Cardioderus chloroticus* F. -W., A New Sp. for the Romanian Fauna (Col. Caraboidea), *Rev. Roumaine de Biologie* 2, 101-102
- Nițu E., 1995- *Bembidion (Bembidionetolitzkya) paracomplanatum*, a new sp. from Romania. *Trav. Mus. d'Hist. Nat. "Gr. Antipa"*, XXXV, P. 153-160.
- Decu V., F.D. Por, Ch. Dimentman, E. Nițu, V. Iavorschi and V. Gheorghiu, (1995) 1998 - A second expeditionary survey of the edaphic and stygobiontic fauna of Israel (May 1995). General information and a list of collection sites. *Trav. Inst. Spéol. «Émile racovitza» XXXIV*, p.157-166.
- Nițu E., (1998), 1999 *Laemostenus (Pristonychus) euxinicus* n.sp. (Coleoptera, Carabidae) from the subterranean habitat from Southern Dobrogea, Romania. *Trav. Hist. nat. "Gr. Antipa"*.40, p. 337-346 Bucarest.
- Nițu E., 2000 - Carabidae (Coleoptera) from Israel (Second note). *Travaux de l'Institut de Spéologie «Émile Racovitza»*, XXXVI, pp. 192-199. Ed. Academiei Române, 1997.
- Nițu E., 2000. Edaphicolous, Endogeous and Subterranean Coleoptera from the Mobile Karstic Area *Trav. Inst. Spéol. "E. Racovitza" XXXVI*, pp. 71-96, 1997
- Nițu E., Giurginca, A, Ilie, V., Vanoaica, L, 2002, First note on the edaphic and subterranean fauna from the evaporitic karstic regions of Romania. *Trav. Inst. Spéol. "E. Racovitza" XXXVII-XXXVIII* : 143-157
- Nițu E., 2003, Contribution to the knowledge of the tribus Bembidiini (Coleoptera, Carabidae) from Romania. *Trav. Mus. natl. d'Hist. Nat. "Gr. Antipa"*, XLV: 179-185.
- Nițu E., 2003, Description of a new species of *Anommatus* from Romania and of the male of *A. duodecimstriatus* (Coleoptera, Anommatidae). *Trav. Inst. Spéol. "E. Racovitza" XXXIX-XL* : 115-120.
- Nițu E., 2003. New data on the genus *Anommatus* (Coleoptera, Anommatidae) from Romania. Proceedings of the International Workshop on Subsurface Organisms. Fauna Europaea project. p. 37-39
- Nițu E., Ilie, V., 2004. Contribution to the knowledge of edaphic and subterranean coleoptera from the Closani karstic area (Oltenia, Romania) - with special references on the Mesovoid Shallow Substratum. *Trav. Inst. Spéol. "E. Racovitza" XLII* : 159-168.
- Nițu E., Nae, A., 2005. Contribution to the knowledge of riparian Coleoptera and Araneae from the Natural Reserve "Codrii Seculari Slatioara" (Bucovina, Romania). *Trav. Inst. Spéol. "E. Racovitza" XLIII* : 207-216.
- Nae A., Vlaicu, M., Popa, I., Iavorschi, V., Constantinescu, T., Nițu, E., 2005. First note on the invertebrate fauna of caves from the Piatra Craiului National Park. *Trav. Inst. Spéol. "E. Racovitza" XLIII* : 133-164.
- Nițu E., Nae A., Popa I., 2007. Eco-faunistic study on the Invertebrate fauna (Araneae, Collembola and Coleoptera) from the Vârghiș Gorge Natural Reserve (the Oriental Carpathians, Romania), with special note on the micro-refugial role of the subterranean habitats. *Trav. Inst. Spéol. "E. Racovitza" XLV*: 31-50
- Nițu E., 2007, Eco-faunistic studies on the soil Coleoptera in the Sic-Pastaraia area (Transylvanian Plane), *Analele ICAS, Seria I*, 153-168.
- Nițu E., Popa I., Nae A., Iușan C., 2008, Faunal researches on the invertebrates (Coleoptera, Orthoptera, Collembola and Araneae) in the Rodnei Mountains Biosphere Reserve. *Travaux de l'Institut de Spéologie "E. Racovitza"*, XLVII, p. 3-52.
- Nițu E., 2008, Species Diversity of the Beetle Fauna, a sensitive parameter for ecological monitoring. Maramureș Mountains Nature Park (Romania); *Transylvanian Review of Systematical and Ecological Research* 5: 143 – 154.
- Nițu E., Olenici N., Popa I., Nae A., Biriș. I. A., 2009, Soil and saproxylic species (Coleoptera, Collembola, Araneae) in primeval forests FROM the Northern part of the south-Eastern Carpathians. *Annals of Forest Research* 52:27-54

- Nitzu, E., Nae A., Giurginca A., Popa, I., 2010, Invertebrate communities from the mesovoid shallow substratum of the Carpatho-Euxinic area. "Travaux de l'Institut de Spéologie "E. Racovitza", XLIX, p. 41-80.
- Nitzu E., Popa I., Giurginca A., 2011, Invertebrate fauna (Coleoptera, Collembola, Diplopoda, Isopoda) collected in the karst areas of the Aninei – Locvei Mountains. "Travaux de l'Institut de Spéologie "E. Racovitza", L, p. 15-35.
- Sendra A., Nitzu E., Sanjuan A., 2012, Half a century after Ionescu's work on Romanian Diplura – A faunal contribution based on material collected from karst areas. *Travaux de l'Institut de Spéologie "E. Racovitza"*, LI: 37 – 66.
- Stan M., Nitzu E., 2013, New data on the knowledge of beetle fauna (Insecta: Coleoptera) in the "Bârnova-Repede Forest" site of community importance (ROSCI 01235, Iași, Romania). *Travaux du Muséum National d'Histoire Naturelle "Grigore Antipa"* 56: 33 – 44.
- Nitzu, E., 2016, Scree habitat as ecological refuge: A study of case on the Carpathian endemic species *Platynus glacialis* and *Pterostichus pilosus wellensii* (Coleoptera, Carabidae) in their first case of co-occurrence in the rock debris. *North-Western Journal of Zoology*, 12(1):33-39
- Nitzu, E., Dobrin, I., Dumbrava, M., Gutue, M., 2016. The Range Expansion of *Ovalisia festiva* (Linnaeus, 1767) (Coleoptera: Buprestidae) in Eastern Europe and its Damaging Potential for Cupressaceae. *Travaux du Muséum National d'Histoire Naturelle «Grigore Antipa»* 58(1-2): 51-57.
- Eugen Nitzu, Andrei Giurginca, Augustin Nae, Ionut Popa, Stefan Baba, Ioana Nicoleta Meleg, Marius Vlaicu, 2016. The catalogue of caves with endemic cavernicolous arthropod fauna of Romaia. *Trav. Inst. Spéol. «Émile Racovitza»*, t. LV, p 3-62.
- Cruceru N., Petculescu A., Plăiașu R., Meleg I., Nae A., Munteanu C., Faur L., Cociuba D., Nitu E., Vlaicu M., Robu M. 2017. *Monitoring and segmentation of 10 caves from the Pădurea Craiului Mountains in order to ensure conservative management. Case study: Ciur Ponor Cave*, Proceedings of Romanian Geomorphology Symposium, The 33rd edition, Editura Universității „Alexandru Ioan Cuza”, (edited by: Niculiță M., Mărgărit M.), pg 35-37. http://geomorfologie.ro/documente/Proceedings_SNG2017_ISSN_2559-c.pdf.
- Dorobat M.L., Nitzu E., Popa I., Giurginca A., Nae A., Baba S., Dobrescu C.M., 2017. *Researches regarding the invertebrate fauna in the edaphic environment (limestone lithoclastic soil) in the Rudaritei Keys*. Scientific studies and research. Biology, „Vasile Alecsandri” University of Bacau, 26(2): 67-74,
- Eugen Nitzu, 2017. An update of the Romanian fauna of Coleoptera: new records and notes on rare and little known species. *Travaux de l'Institut de Spéologie "Emile Racovitza"*, t. LVI: 25-32, 20.
- Dorobat M.L., Nitzu E., Popa I., Giurginca A., Nae A., Baba S., Dobrescu C.M., 2017. Ecofaunistic researches on some taxonomic invertebrate groups on the edaphic fauna (shale lithosol) from Leaota Mountains, 2014-2015. Oltenia. Studii si comunicari. Seria Stiintele Naturii, Muzeul Olteniei Craiova, Romania, Issue XXXIII (33), No. 2 2017: 107-114.
- Nitzu, E., Dorobat M.L., Popa I., Giurginca A., Baba St. C., 2018. The influence of geological substrate on the faunal structure of the superficial subterranean habitats. *Carpathian Journal of Earth and Environmental Sciences*, 13, No. 2, p. 383 – 393, 2018
- Nitzu E., Popa I., Baba St., Plaiasu R., 2019, New data ofn the biodiversity and distributional pattern of Coleoptera in the Carpathian lansdcape. *Travaux de l'Institut de Speologie "Emile Racovitza"*, LVII: 49 -60.
- Magdalin Leonard Dorobăț, Eugen Nitzu, Ionuț Popa, Andrei Giurginca, Augustin Nae, Ștefan Baba, Codruța Mihaela Dobrescu, 2019, A systematic conspectus of the invertebrate species identified in the scree and lithosol areas from the North-Western sector of the Leaota Mountains (Southern Carpahtans),. *Studii și Cercetări Martie 2019 Biologie* 28/2 60-65 Universitatea "Vasile Alecsandri".

B. Abroad

- Nitzu, E., 1988, *Pterostichus ienishtei*, n. sp. aus Rumänien. *Entomol. Blätter*, Bd.84, Hft. 1-2, p.17-18, Krefeld. Deutschland.
- Decu, E. Nitzu, C. Juberthie, 1994-*Clivina subterranea*, une nouvelle esp. dans le Grotte Movilé. *Mem. Biospéol.* XXI, p.41-45, Moulis.
- Nitzu, 1995, Contributions to the knowledge of the Israeli Carabidofauna p.135-150, in *Soil Fauna of Israel* I., D. T. P. Ed. E. Nitzu.
- Nitzu, E., Juberthie, C., 1995, Changement dans l'équipement sensoriel des antennes et des palpes maxillaires en fonction de l'habitat edaphique et souterrain chez les coleopteres Trechinae (Caraboidaea, Trechidae). *Bull. Soc. Ecophysologie*, XX (1-2), p. 67-78. Toulouse.
- Nitzu, E., Juberthie, C., 1996, Changement dans l'équipement sensoriel des antennes et des palpes maxillaires en fonction de l'habitat chez les coleopteres Clivininae (Scaritidae). *Mém Biospéol.* XXIII, p. 91-102, Moulis.

Nitzu et Decu, V., 1998. First record of *Limnastis galilaeus* Brulle 1875 and *Parazuphium chevrolati* (Castelnau, 1833) (Coleoptera, Caraboidae) in the subterranean habitat from Southern Dobrudja, Romania. *Entomol. Mitt. zool. Mus. Hamburg* 12 (157): 229-236.

Nitzu, E. 2001 - Edaphic and subterranean Coleoptera from the Dobrogean karstic areas. A zoogeographic approach. *Mitt. hamb. zool. Mus. Inst.* 98: 131-169. Hamburg (2002).

Tatole V., Tatole A., Iftimie A., Grigoras I., Otel V., Nitzu E., Cojocaru F., Öllerer K., 2008, Approach for the management strategy of Natura2000 Sites – habitats directive, in Romania. *6th European Conference on Ecological Restoration, Book of papers*, p.66-70, Ghent, Belgium.

Nitzu E., Nae A., Popa I., 2008, The soil beetle fauna (edaphic coleoptera) - a sensitive indicator of evolution and conservation of ecosystems. a study on altitudinal gradient in the Rodnei Mountains Biosphere Reserve (the Carpathians). *Advances in Arachnology and Developmental Biology. Monograph dedicated to Acad. Prof. Dr. B.P.M. CURCIC* (S. E. Makarov and R. N. Dimitrijevic eds.), p. 405-417. Vienna-Belgrade-Sofia, Monographs, 12.

Nitzu E., Olenici N., 2009, The First study on the beetle fauna in the Giumalau spruce primeval forest (Eastern Carpathians, Romania), mainly based on quantitative analysis on terrestrial and saproxylic species. In. *Saproxylic beetles – their role and diversity in European woodland and tree habitats.* (J. Buse, K.N.A. Alexander, T. Ranius, T. assmann Eds). *Proceedings of 5th International Conference on saproxylic beetles.*, p. 27-48. Pensoft Ed.

Nitzu E., 2013, The Cholevinae of Romania (exclusive of Leptodirini) (Coleoptera, Leiodidae) with special reference to the hypogean records. *Zootaxa* 3620(3): 351-378.

Nitzu E., Nae A., Bancila R., Popa I., Giurginca A., Plaiasu R., 2014, Scree habitats: ecological function, species conservation and spatial-temporal variation in the arthropod community. *Systematics and Biodiversity*, 12(1): 65 – 77. Taylor & Francis Ed. & Natural History Museum London.

Nitzu, E., Vlaicu, M., Giurginca, A., Meleg, I.N., Popa I., Nae A., Baba St. C., 2018. Assessing preservation priorities of caves and karst areas using the frequency of endemic cave-dwelling species. *International Journal of Speleology*, 47 (1), 43-52. Tampa, FL (USA) ISSN 0392-6672. <https://doi.org/10.5038/1827-806X.47.1.2147>. 2018

Nitzu, E., 2021. Microhabitats - integrative environmental factors for species communities of Coleoptera in the karst landscape. *Biologia* 76, 1775–1783 (2021). <https://doi.org/10.1007/s11756-021-00683-3>

Other papers

in Romania

Nițu E., 1988-Beiträge zur Kenntnis der Käfferfauna der Rumänischen Ebene. *The IV National Conf. of Entomology*, Cluj-Napoca, p. 247-249.

Băiașu V. & Nițu E., 1989- Determinarea gradului de aprovizionare în principalele elemente nutritive a unor suprafețe viticole ale S.C.P.V.V. Greaca în scopul precizării soluțiilor optime de fertilizare. Vol. Omagial S.C.P.V.V. Greaca, p. 267-273.

Nițu, 1992- Specii de Carabidae noi pentru fauna Dobrogei și a Deltei Dunării. *Analele Științifice ale Institutului "Delta Dunării" Tulcea*, p.119-120.

Nițu, E., 1997. Contribuții taxonomice și biogeografice asupra speciilor palearctice ale genului *Bembidion* prezente pe teritoriul României. *Teza de doctorat- rezumat*. 33 p.

Nițu, E., 1993 - Emil Racoviță. Importanța campaniilor speologice peste hotare din punct de vedere biospeologic. *Academica* 6(30), aprilie 1993, p. 19.

Nițu E., 2006, Coleopterele edafice din Câmpia Transilvaniei. *Argesis "Studii și Comunicări" seria Științele Naturii* T. XIII, 2005, 131-143.

Books

- In Romania

Soil Fauna of Israel 1995, I., Editura Academiei Române, 156 p, Editorial Board: V. Decu, E. Nitzu, F. D. Por, C. Dimentman, D. T. P. Editor E. Nitzu.

Nitzu E. 2000. (coautor Cls. Insecta). In *The Red List of Plant and Animal Species from the Danube Delta Biosphere Reserve Romania*. (Coordination V. Otel). Ministerul Apelor, Padurilor si Protectiei Mediului. 132 p + 22 pl. color.

Nițu, E., 2006. *Fauna României, Coleoptera, Carabidae: Tribus Bembidiini*, vol. X, fasc. 6, Editura Academiei Române, 200 p.

Nițu E., 2007, (Co-autor Coleoptera) in *Lista faunistică a României (specii terestre și de apă dulce)*. Casa Cărții de Știință, (Moldovan, O Ed.), 411 p.

Pasol, P., Paulian F., Palagesiu I., Nițu E. (Eds.), 2013. *Tratat de Zoologie Agricolă*, Vol. III, Ord. Coleoptera, 533 p. Ed. Academiei Române.

Vlaicu, M., Csaba, J., Dragu, A., Borda, D., Goran, C., Szodoray-Paradi, F., Bucur-Nastase, R., Nițu E., Murariu, D., Ghid pentru monitorizarea stării și conservarea a peșterilor și speciilor de lilieci de interes comunitar din România. Ed. Andversing, 134 p., 2013

Chapters in books

- in Romania

Nitzu, E., 1995, Contributions to the knowledge of the Israeli Carabidofauna. *Soil Fauna of Israel*, Ed. Acad. Române, 135-150.

Nițu, E. și V. Decu, 2002. Cap. 64, Coleoptera (domeniul acvatic). În *Diversitatea lumii vii. Determinatorul ilustrat al florei și faunei României*. Ed. Bucura Mond, București (sub red. S. Godeanu), vol. 3. p.522-571.

Decu V. și Nițu E., 2011. Cap.48, Coleoptera In *Diversitatea lumii vii. Determinatorul ilustrat al florei și faunei României* Vol. IV, Mediul subteran, S. Godeanu (Ed.), Ed. "V. Goldiș" University Press, Arad, p. 338 – 363.

Nițu E., 2010, Cap. Coleoptera. In Tatole V. Ed. *Managementul și Monitoringul speciilor de animale Natura 2000 din România*, Excelsior print, ISBN 978-973-0-09189-2, 326 pp.

Coleoptera - Coordonator capitol – E. NITZU in *The Red Book the Romanian Invertebrates* Coordonator general: Dr. D. Murariu; Ed. Academiei Romane - Abroad

Decu, V., Juberthie, C. et E. Nitzu, 1999, Coleoptera (varia). In Eds. C. Juberthie și V. Decu "*Encyclopaedia biospeologica*" II Editura Fabbro, Saint-Girons, Franța. p.1153-1165.

Ioan Povară, Horia Mitrofan, Bogdan P. Onac, Constantin Marin, **Eugen Nițu**, Daniela Ioniță, Alin Tudorache, and Mădălina Vișan - *Cernei Mountains: Caves Conveying Geothermal Fluids at Băile Herculane* in Gheorghe M. L. Ponta Bogdan P. Onac Editors: *Cave and Karst Systems of Romania*, Springer, 2018

Annex 2.

Projects, Grants, contracts.

Expert nevertebrate (Coleoptera) cadrul proiectului "*Completarea nivelului de cunoaștere a biodiversității prin implementarea sistemului de monitorizare a stării de conservare a speciilor și habitatelor de interes comunitar din România și raportarea în baza Articolului 17 al Directivei Habitate 92/43/CEE*" (cod SMIS: 2014+ 120009; contract de finanțare POIM nr. 238/11.03.2019. (perioada 2019-2021)

Contract Nr. 4861/20.03.2019 "Studiu de încadrare în clase de protecție a AVENULUI BETFIA", (participant) responsabil Dr. Nicolae Cruceru.

Contract No. 644/2017 - participant (Topolnița)

Contract SWISS 03/2016 – participant.

Consolidarea rețelei Natura 2000. Contract No. 5382-3.09.2015/2016. Responsabil contract ISER - Dr. Nițu E.

Expert for invertebrate species in contract No. C130890014/3 din 31.05.2013 cu ASSECO S:A: "Servicii pentru Configurarea arhitecturii, crearea și dezvoltarea la nivel național a Sistemului Informatic pentru Monitorizarea Speciilor și Habitatelor de Interes Comunitar (SIMSHAB)";

Participant (expert coleoptera) in project SINCRON "Servicii și echipamente necesare pentru realizarea Sistemului Integrat de Management și Conștientizare în România a Rețelei Natura 2000" – Lot 1: „Elaborarea planurilor de management prin utilizarea unui sistem electronic de baze de date on line, cu suport GIS”-Subcontractare cu Muzeul national de Istorie Naturala “Gr. Antipa” 2012;

Expert mandatat pentru Ord. Coleoptera la Seminariile Biogeografice Romania-Bulgaria privind instituirea regimului de arii protejate si a siturilor de importanta comunitara, ca parte integranta a rețelei ecologice europene Natura 2000 (Mandat Nr. 1789/A.K./28.05.2008 emis de Ministerul Mediului si Dezvoltarii Durabile);

Proiect partner PNII (2007-2010) in Grant "Fundamentarea științifică a unui model de implementare a legislației Natura 2000 în România, luând ca studiu de caz speciile de animale listate în Directiva Habitate 92/43/EEC (Anexa II) " Contract 31087/2007 cu Muzeul de Istorie Naturala "Gr. Antipa" (coordonator);

Responsible (behalf Speleological Institute) in contract 1387/30.04.2008 cu INCPDD "Realizarea de analize in vederea pregătirii negocierii siturilor de importanta comunitara cu Comisia Europeana, participarea la seminariile biogeografice și realizarea cercetărilor necesare în vederea completării listei siturilor de importanță comunitară și a bazei de date cu cerințele Comisiei Europene ";

Grant director (partener ISER) CEEEX-NATFORMAN, contract Nr. 59/2006, act additional Nr. 1/2007 – Structura și dinamica ecosistemelor forestiere naturale, suport pentru fundamentarea de măsuri silviculturale apropiate de natură și pentru o gestionare durabilă a pădurilor (2006-2008) (General Coordinator ICAS);

Contract responsible (ISER) in contract 4197/21.X.2005 (INCPDD Tulcea) "Completarea sistemului informatic pentru inventarierea siturilor naturale de interes comunitar –Natura 2000 cu siturile propuse pentru grupa de habitate peșteri din Directiva Habitate" (2005, 2006);

Responsible for Coleoptera in Project 7174 LIFE-III "Functional Ecological Network in Central Transylvanian Plain" (2002-2005)

Grant director in C.N.C.S.I.S nr.33049, cod 72/2004 cu titlul Studii asupra asociațiilor interspecifice de Bembidiini (Coleoptera, Carabidae) – un grup cu specii ripicole importante în evaluarea biodiversității și gradului de poluare a bazinelor hidrografice din România

Grant director in A.N.S.T.I. nr.contract 5102/19.XI.1999, act adițional nr. 6024GR/28.VI.2000 „Particularități structurale și funcționale ale ecosistemelor subterane unice din carstul de tip Movile (cu referiri speciale asupra conservării unor specii relictice și a ipotezei existenței sub-refugiului glaciatic euxinic)"

External contributor lin composition of the biodiversity database of Romania- Ord. Coleoptera (contract with Ministry of Environment and University in Bucharest, 1992-1993)

Annex 3.

Conferences (selective)

XII Colloque International de Biospéologie. Moulis, Franța, 28.08-2.09.1995. E. Nitzu, C. Juberthie):

- Adaptive change in the sensorial equipment at soil- and cave- Scaritinae (Coleoptera).

- Phyletic and adaptive evolution in the sensory equipment of the antennae and maxillary palpi of cave beetles (Coleoptera, Trechinae).

Theoretical and Applied Karstology, Cluj-Napoca 14-22 Iulie 2000, - "Edaphicolous, Endogeous and Subterranean Coleoptera from the Movile Karstic Area (Southern Dobrogea, Romania)". In Proceedings of the joint meeting of Friends of Karst, Theoretical and Applied Karstology and IGCP 448, July 14-22, 2000, p.171-175.

Workshop "Fauna Europea". Băile Felix. 30.03-1.04.2003 - New data on the *Anommatus* (Coleoptera, Anommatae) from Romania (The Cloșani karstic area)

"Fauna Carpathica" Meeting, Smolenice 17-19. 03. 2004, Slovakia, - "Synthetic data on the Coleoptera Fauna of Romania";

"Checklist of the tribus Bembidiini (Coleoptera, Carabidae) from Romania,

XVIIIth International Symposium of Biospeology", Cluj-Napoca, 10 – 15 Iulie 2006: - "A coleopterological survey on the subterranean environment as ecological micro-refuge in the Carpatho-Euxinic area; its role in the regional biodiversity preserving".

"5th International conference on saproxylic beetles, 14-16.06.2008, Lüneburg, Germania - "The representativeness of saproxylic species for the coleopteran faunal diversity of the Giumalau spruce primeval forest (E. Nitzu et N. Olenici)

6th European Conference on Ecological Restoration, 8-12.09.2008 Ghent, Belgium. - «Approach for the management strategy of Natura2000 Sites – habitats directive, in Romania. » (Tatole V., Tatole A., Ifimie A., Grigoras I., Otel V., Nitzu E., Cojocaru F., Öllerer K.)

Annual Zoological Congress of „Gr. Antipa” Museum, 17-19 Noiembrie 2010, București - „The Cholevinae (Coleoptera Leiodiade) of Roumania „

The Third Annual Zoological Congress of „Gr. Antipa” Museum, 23-25 November 2011, București - „Arthropod community structure and environmental correlates in the mesovoid shallow substratum (MSS) of scree habitat in the Piatra Craiului National Reserve, Romania". (Nitu, A. Nae, R. Bancila, I. Popa, A. Giurginca, R. Plaiasu, I. Nae).

8th NEOBIOTA Conference, 4-8 November 2014, Antalya – "New potential pest species previously considered rare in the Romanian fauna: *Semanotus ruscicus* (Coleoptera, Cerambycidae) and *Ovalisia festiva* (Coleoptera, Buprestidae)" (Dobrin I., Nitu E). Book of Abstracts, p. 214.

CS II, Dr. Nițu Eugen