



Europass Curriculum Vitae

Personal information

Surname(s) / First name(s) **Duduman Mihai-Leonard**
Address(es) 42, 6 Noiembrie street, 7210191, Suceava, Suceava
Telephone(s) +40744791070
E-mail mduduman@usv.ro; mduduman@gmail.com
Nationality Romanian
Date of birth 31.08.1977
Gender Male

Work experience

Dates **Since May 2009**
Occupation or position held Researcher gr. III
Main activities and responsibilities Research in forest protection (forest entomology): methodology, development of field and laboratory experiments, statistical analysis of data etc.
Name and address of employer "Stefan cel Mare" University of Suceava, Forestry Faculty
Type of business or sector Higher education

Dates **September 2004 – October 2010**
Occupation or position held Researcher
Main activities and responsibilities Research in forest protection (forest entomology): methodology, development of field and laboratory experiments, statistical analysis of data etc
Name and address of employer Forest Research and Management Institute, Research Station for Norway Spruce Silviculture
Câmpulung Moldovenesc, Forest Protection Lab.
Research

Dates **November 2000 – September 2004**
Occupation or position held Forest engineer
Main activities and responsibilities Field measurements, design, technical and economic computations, drafting technical documentation
Name and address of employer Divers private employers
Type of business or sector Forest road design

Education and training

Dates October 2001 – September 2009
Title of qualification awarded PhD, Specialization: Silviculture, Forest Protection
Thesis title: *Ips typographus* l. and *Hylobius abietis* l. response to the various combinations of the synthetic attractants
Principal subjects/occupational skills covered Forest Protection, Forest Ecology, Insect Ecology
Name and type of organisation providing education and training Transilvania University of Brasov, Romania

Dates December 2005
 Title of qualification awarded Certificate
 Principal subjects/occupational skills covered Research project management
 Name and type of organisation providing education and training The Bucharest Academy of Economic Studies

Dates October 1995 – June 2000
 Title of qualification awarded Graduate in Forestry
 Principal subjects/occupational skills covered
 Name and type of organisation providing education and training Ştefan cel Mare University of Suceava, Faculty of Forestry

Mother tongue(s) **Romanian**

Other language(s) **English, French**

Self-assessment
 European level (*)

Language

Language

Understanding		Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production	
B2		B2		B2		B1	
A2		A2		A1		A1	

(*) Common European Framework of Reference for Languages

Technical skills and competences Excellent abilities in coordinating and organizing research activities.
 Excellent cooperation with the related departments.

Computer skills and competences Office software; Corel Draw; AutoCad; divers photo software; statistical analysis software (XLStat, Statistica etc);

Driving licence B and Tr. category.

Additional information More than 20 studies and scientific articles

Annexes List of research projects; List of papers

List of research projects:

Project title	Periods	Beneficiary
1. Research aimed at quantifying the <i>Hylobius abietis</i> attack risk in resinous cultures and establish safeguards against the risk level – Phase II	2004-2005	National Forest Agency;
2. Technical assistance on quantifying <i>Hylobius abietis</i> attack risk and protective measures in differentiating resinous cultures of Forestry Department of Suceava	2004-2006	National Forest Agency;
3. Technical assistance on the detection, prognosis and pest <i>Pristiphora abietina</i> in spruce stands outside the area of Forestry Department of Suceava	2005	National Forest Agency;
4. Research on biology, prognosis and pest control of <i>Pristiphora abietina</i> .	2006-2007	National Forest Agency;
5. Study on identification of invasive alien insect species in Romania	2006-2009	Ministry of Agriculture, Forest and Rural Development
6. Research concerning the response of <i>Ips typographus</i> and <i>Hylobius abietis</i> adults to different release rates of alpha-pinene in combination with the aggregation pheromone, and with ethanol respectively	2007-2008	CNCSIS
7. Rehabilitation technology functionality spruce ecosystems affected by biotic factors disturbing	2006-2008	CEEX National Programme
8. Sustainable management of forest ecosystems in the context of global environmental changes.	2009-2011	National Programme, cod PN 09460201
9. Evaluation of forest biodiversity in representative protected areas, as a benchmark for sustainable forestry management of cultivated trees	2009-2011	National Programme, cod PN 09460203
10. FP7 Collaborative Project MOTIVE (Models for Adaptive Forest Management), Call ID: FP7- ENV.2008.6.2.1.6. Development of adaptive forest management models	2009-2013	European Union/FP7
11. Role of the Norway Spruce volatile substances upon <i>Ips typographus</i> and <i>Ips duplicatus</i> bark beetles response to aggregative pheromones.	2010-2012	UEFISCDI

List of papers (CABI and B+ indexed):

1. **Duduman, M.-L.**, 2000: Biometric and ecological research of the insect *Euproctis chrysorrhoea* L. Revista Pădurilor, 115(4): 25-28.
2. Olenici, N., Olenici, V., **Duduman, M.-L.**, 2006: Influence of ground vegetation on the attack of large pine weevil. *Hylobius abietis* (L.). Revista Pădurilor, 121(2): 20-26.
3. Olenici, N., **Duduman, M.-L.**, Olenici, V., 2007: Inhibitory effect of (-)-alpha-pinene high release rates on *Ips typographus* (L.) response to its aggregation pheromone. Analele ICAS, 50: 203-212.
4. Olenici, N., **Duduman, M.-L.**, Olenici, V., 2007: Response of *Hylobius abietis* (L.) weevils to the variation of alpha-pinene and ethanol release rates, as well as of alpha-pinene/ethanol ratio. Analele ICAS, 50: 223-238.
5. Olenici, N., **Duduman, M.-L.**, Olenici, V., 2008: Response to the large pine weevil to various combinations of alpha-pinene and ethanol. În „Methodology of Forest Insect and Disease Survey in Central Europe” Proceedings of the IUFRO Working Party 7.03.10 Workshop September 15-19, 2008, Strbske Plesso, Slovakia.
6. **Duduman, M.-L.**, Olenici, N., Bouriaud, O., Olenici, V., 2009: Natural volatiles impair the response of *Hylobius abietis* adults to synthetic attractants in Norway spruce clear cut areas. Annals of Forest Research, 52:77-88.
7. Olenici, N., **Duduman, M.-L.**, Tulbure, C., Rotariu, C., 2009: *Ips duplicatus* (Coleoptera, Curculionidae, Scolytinae) – an important pest of spruce installed outside of the natural area. Revista Pădurilor, 124(1): 17-23.
8. Duduman G., Roibu C.-C., **Duduman M.-L.**, Miron-Onciul M., 2010: The influence of competition and dimensional-spatial characteristics of trees on their radial growth in Old-Growth Slătioara forest, Romania. AES Bioflux 2(2):215-230.
9. Olenici, N., **Duduman, M.-L.**, Olenici, V., Bouriaud, O., Tomescu, R., Rotariu, C., 2011: The first outbreak of *Ips duplicatus* in Romania. In: Delb, H., Pontuali, S. (eds.): Biotic Risks and Climate Change in Forests. Proceedings of the Working Party 7.03.10 Methodology of Forest Insect and Disease Survey in Central Europe, 10th Workshop September 20th-23rd, 2010, Freiburg, Germany. Berichte Freiburger Forstliche Forschung Heft, FVA, (in print).
10. Brudea, V., **Duduman, M.-L.**, Rakosy, L., 2011: The Volume of Conference Papers “Biodiversity and Management of insects in Romania. Publishing House: Editura Universităţii “Ştefan cel Mare” Suceava, 210 p.
11. **Duduman, M.-L.**, Isaia, G., Olenici, N., 2011: *Ips duplicatus* (Coleoptera: Curculionidae, Scolytinae) distribution in Romania. Preliminary results. Bulletin of the Transilvania University of Braşov, Series II, Vol. 4 (53) No.2 (in print).