

Europass Curriculum Vitae



Personal information

Surname(s) / First name(s) **Duduman Mihai-Leonard**

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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 "Ștefan 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.

Type of business or sector 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: <i>Ips typographus</i> l. and <i>Hylobius abietis</i> 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 Braşov, 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	Forest Research and Management Institute and 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		B2	
A2		A2		A1		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	Role	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	Assistant researcher	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	Assistant researcher	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	Assistant researcher	National Forest Agency;
4. Research on biology, prognosis and pest control of <i>Pristiphora abietina</i> .	2006-2007	Scientific researcher	National Forest Agency;
5. Study on identification of invasive alien insect species in Romania	2006-2009	Scientific researcher	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	Scientific researcher	CNCSIS National Programme
7. Rehabilitation technology functionality spruce ecosystem s affected by biotic factors disturbing	2006-2008	Scientific researcher	CEEX National Programme
8. Sustainable management of forest ecosystems in the context of global environmental changes.	2009-2011	Scientific researcher	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	Scientific researcher	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 (http://www.silvic.usv.ro/motive/)	2009-2013	Scientific researcher gr. III	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. (http://www.silvic.usv.ro/suvmofips/)	2010-2012	Scientific researcher gr. III, project director	UEFISCDI (RU-PostDoc) National Programme
12. Sustainability of short-term rotation cultures of trees on marginal lands (STRoMA) (http://www.silvic.usv.ro/stroma/)	2012-2015	Scientific researcher gr. III, WP coordinator	UEFISCDI (Parteneriate) National Programme
13. Tree level forest planning using remote sensing data (RemoteForest)	2012-2015	Scientific researcher gr. III	UEFISCDI (Parteneriate) National Programme
14. FP7 FORMIT (Forest Management Strategies to Enhance the Mitigation Potential of European Forests) Collaborative project - Large-scale integrating project, Grant agreement no.: 311970	2012-2015	Scientific researcher gr. III	European Union/FP7

List of papers:

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: 135-140.
10. Brudea, V., **Duduman, M.-L.**, Rakosy, L. (eds.) 2011: The Volume of Conference Papers “Biodiversity and Management of insects in Romania. Publishing House: Editura Universității “Ștefan 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 Brașov, Series II, Vol. 4 (53) No.2: 19-26.
12. **Duduman, M.-L.**, Vasian I., 2012: [Effects of volatile emissions of *Picea abies* fresh debris on *Ips duplicatus* response to characteristic synthetic pheromone](#). Notulae Botanicae Horti Agrobotanici Cluj-Napoca, Vol. 40 No.1: 308-313.
13. Horodnic, S.-A., **Duduman, M.-L.**, Palaghianu, C. (eds.) 2012: Proceedings of the International Conference Integrated Management of Environmental Resources - Suceava, November 4-6th, 2011. Editura Universității „Ștefan cel Mare” Suceava, Romania, 138 p.
14. Paraschiv, M., Isaia, G., **Duduman, M.-L.**, 2012: [The effect of Intercept trap color on *Ips typographus* captures \(Preliminary results\)](#). Bulletin of the Transilvania University of Brasov Series II: Forestry, Wood Industry, Agricultural Food Engineering, 5(54) No. 1: 85-90.
15. **Duduman, M.-L.**, Olenici, N., Isaia, G., 2012: Research Carried Out in Romania on the Northern Bark Beetle (*Ips duplicatus*, Coleoptera: Curculionidae, Scolytinae). In: Abrudan, V., I., et al. (eds): Proceedings of the Biennial International Symposium Forest and Sustainable Development Brasov, 19-20th of October 2012: 9-15.