

PERSONAL INFORMATION Alexandru Lucian CURTU

Date of birth: xxxxxxxxxx

✉ lucian.curtu@unitbv.ro

POSITION UNITBV Dean of the Faculty of Silviculture and Forest Engineering, Professor and PhD Supervisor Transilvania University of Brasov, Romania

RESEARCH INTEREST AREAS Forest genetics and forest tree breeding, Conservation of forest genetic resources, Dendrology, Biodiversity conservation

WORK EXPERIENCE

1999 - present **Permanent position (Professor 2013 – present, Associate Professor 2008-2013, Lecturer 2006-2008, Assistant 2001-2003, Associate Assistant 1999-2001).**

Transilvania University of Brasov, Romania, www.unitbv.ro

- Main activities and responsibilities: teaching, research and university management
- Business or sector:** higher education

EDUCATION AND TRAINING

2003-2006 **Doctor in Forest Sciences (Summa cum laude - Excellent)**

Georg-August Universität Göttingen, Germany

- Forest Genetics and forest tree breeding, Forest botany, Silviculture

1998-1999 **Postgraduate studies**

Transilvania University of Brasov, Faculty of Silviculture and Forest Engineering, Romania

- Biotechnology in forestry

1993-1998 **Programme: Forestry**

Transilvania University of Brasov, Faculty of Silviculture and Forest Engineering, Romania

- Silviculture, Dendrology, Forest Genetics and forest tree breeding, Watershed management, Forest botany

1989-1993 **Diploma of Baccalaureate**

Andrei Șaguna High School Brașov, Romania

- Mathematics and physics

PERSONAL SKILLS

Mother tongue Romanian

Other language(s)

UNDERSTANDING

SPEAKING

WRITING

Listening

Reading

Spoken interaction

Spoken production

English

C1

B2

B2

B2

B2

German

B2

B2

B2

B2

B2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
Common European Framework of Reference for Languages

Communication skills ▪ good communication skills gained through my experience as teaching staff (25 years), DAAD

scholarship holder (2003-2006)

Organisational / managerial skills

- dean of the Faculty of Silviculture and Forest Engineering, member of the Faculty Board (2012 - present) and of the University Board (2012 - present)
- member of the board of municipal forest administrations: RPLP Kronstadt (2012-2024) and RPLP Piatra Craiului Zămești (since 2016)
- member of Management Committee of COST (Cooperation in Science and Technology) Action FP0905 Biosafety of Forest Transgenic Trees (2010-2014)
- member of Management Committee of COST Action FP1202 Strengthening conservation: a key issue for adaptation of marginal/peripheral populations of forest tree to climate change in Europe (MaP-FGR) (2012-2016)
- member of Management Committee of COST Action FP1403 Non-native tree species for European forests - experiences, risks and opportunities (NNEXT) (2014-2018)
- member of National Council of Scientific Research (CNCS) (2015 - 2016)
- member of Life Sciences and Biotechnology Section of CNCS (2011-2013; 2020-present)
- member of the Executive Committee of EVOLTREE (EVOLution of TREEs as drivers of terrestrial biodiversity) <http://www.evoltree.eu/> (since 2016)
- member of the Scientific Advisory Board of OPTFOREST Horizon Europe project <https://www.optforests.eu/> (since 2023)

Job-related skills

- expert of the Romanian Agency for Quality Assurance in Higher Education (ARACIS) in the field of Agricultural and Forest Sciences (since 2015). Member of the Board for Agricultural and Forest Sciences and Veterinary Medicine of ARACIS.
- expert of European Commission, Directorate-general for research and innovation: participation in the evaluation of the proposals and monitoring the implementation of actions (2015 - 2024).

Digital skills

- Microsoft Office™, software packages (e.g. statistics, genetics)

Other skills

- organization of scientific events

ADDITIONAL SKILLS

Scientific publications – topics and statistics

Genetic diversity and structure of forest tree and wildlife species, conservation of forest genetic resources, gene flow and hybridization, forest tree breeding, biology of forest tree species, tree genomes

~700 citations (without self-citations) in > 560 articles according to Web of Science Core Collection, H-index: 15, **Researcher ID: AAK-9342-2020 (Curtu AL)**, **ORCID: 0000-0001-8509-279X**, ~1800 citations, Google Academic, H-index: 23.

Research/educational projects

Coordinator of research grants funded by Romanian National Research Council CNCS (Ideas-ID-183, 2007-2010, Young research teams TE-73, 2010-2013, 32BG, 2016-2018). Member of the research team in > 20 international / national projects (1999-2025)

Coordinator of the European Union - Canada Transatlantic Exchange Partnership (2010-2013, Managing forests for multiple values, funded by European Commission through Educational, Audiovisual and Culture Executive Agency).

Academic coordinator for Transilvania University of Brasov (partner institution) of Erasmus Mundus Joint Master Degree Programme MSc European Forestry

Coordinator for UNITBV of the Horizon Europe grant eco2adapt (2022-2027)

Member of Editorial Board

Annals of Forest Research, Notulae Botanicae Horti Agrobotanici, *Revista Pădurilor* – the oldest forestry journal in Romania edited since 1886, *Bucovina Forestieră*.

Senior Editor of BULLETIN OF THE TRANSILVANIA UNIVERSITY OF BRASOV, SERIES II - Forestry. Wood Industry. Agricultural Food Engineering (since 2017) – SCOPUS indexed

Editor of BULLETIN OF THE TRANSILVANIA UNIVERSITY OF BRASOV, SERIES II – Forestry (2012-2017)

Reviewer for journals indexed by Web of Science

Forest Ecology and Management, Tree Genetics & Genomes, Canadian Journal of Botany, European Journal of Forest Research, Notulae Botanicae Horti Agrobotanici, Annals of Forest Research, International Journal of Plant Sciences, Dendrobiology, Conservation Genetics, Evolutionary Ecology, Botanical Journal of the Linnean Society, Annals of Botany, Plant Systematics and Evolution, iForest, DNA Research, AoB Plants, Annals of Forest Science, Acta Biologica Cracoviensia Series Botanica, Acta Botanica Croatica, Forests, Scandinavian Journal of Forest Research, Applied Sciences, Forestry, Trees.

Research stays

- 16/06-20/06/2014 – Institute of Biosciences and BioResources, National Research Council, Florence, Italy;
- 05/10-19/10/2013 – School of Forest Resources & Environmental Science, Michigan Tech University, USA;
- 16/11-22/11/2012 – Plant Genetics Institute, Division of Florence, National Research Council, Italy;
- 02/05-28/07/2012 – Section of Forest Genetics and Tree Breeding, Büsgen Institute, Georg August University Göttingen, Germany;
- 11/09-21/09/2011 – Unidad de Anatomía, Fisiología y Genética ETSI de Montes Universidad Politécnica de Madrid, Spain;
- 15/11/2010-29/11/2010 – INRA Pierroton, UMR 1202 BIOGECO Genetics, France;
- 09/12/2008-12/12/2008 – DNA Sequencing, Beckman laboratories, UK;
- 10/11/2008-19/11/2008 – University of Freiburg, Germany;
- 20/08/2008-31/08/2008 – Section of Forest Genetics and Tree Breeding, Büsgen Institute, Georg August University Göttingen, Germany;
- 29/11/2007-01/12/2007 – Bayerisches Amt für forstliche Saat- und Pflanzenzucht (ASP), Teisendorf, Germany;
- 12/08/2007-05/09/2007 – Section of Forest Genetics and Tree Breeding, Büsgen Institute, Georg August University Göttingen, Germany;
- 01/10/2003-31/07/2006 – DAAD (Deutscher Akademischer Austausch Dienst) scholarship at Institute of Forest Genetics and Tree Breeding, Büsgen Institute, Georg August University Göttingen, Germany;
- 30/04-11/05/2001 – International Training Course on Conservation and Management of Forest Genetic Resources in Eastern Europe – Gmunden, Austria, organized by International Plant Genetic Resources Institute (IPGRI) Rome, Italy and Austrian Federal Ministry for Agriculture and Forestry, Environment and Water Management (MLUFW);
- 01-08/2000 – Institute of Forest Genetics, Federal Forestry Research Centre, Vienna, Austria;
- 02-06/1997 – Institute of Nature Conservation and Free University Bruxelles, Belgium.

Brasov, 2025

Annexes

List of projects

No.	Title	Beneficiary	Role	Period
1.	SOSFOR – Unveiling sustainable operating spaces for European forests	ForestValue2 Joint Call	UNITBV coordinator	2024-2027
2.	Unita Universitas Montis – UNITA, ERASMUS-EDU-2023-EUR-UNIV-1 - 101124853	European Commission	Task co-leader (Task 5.2)	2023-2027
3.	Servicii de elaborare de studii pentru proiectul noului Cod silvic și a modelului de structurare a legislației subsecvente	Ministerul Mediului, Apelor și Pădurilor	Member of the coordinating committee Expert for forest genetic resources	03-06/2023
4.	Project 101059498 — eco2adapt, 2022-2027, HORIZON-CL6-2021-CLIMATE-01-10 — EU-China international cooperation on increasing the resilience of forests	Horizon Europe (HORIZON), European Commission (European Research Executive Agency)	UNITBV coordinator	2022-2027
5.	Servicii de cercetare pentru elaborarea studiului independent și a schiței Strategiei Naționale a Pădurilor 2020-2030, obligație stabilită prin Programul Național de Redresare și Reziliență	Ministerul Mediului, Apelor și Pădurilor	Team member	03-07/2022
6.	SusTainable Resilient Ecosystem and Agriculture Management in Mongolia (STREAM)	Federal Ministry for Economic Cooperation and Development (BMZ) and European Commission	Team member	2022-2024
7.	Development of genetic markers for the analysis of adaptation of beech and oak to drought stress	University of Applied Sciences and Arts Hildesheim / Holzminden / Goettingen, Germany	Team member	2021-2022
8.	Training Masters in Ecosystem Services Management in Protected Areas (ECOSERVE) ERASMUS-CAPACITY BUILDING - 619060-EPP-1-2020-1-ES-EPPKA2-CBHE-JP	Comisia Europeană EACEA	UNITBV coordinator	2021-2022
9.	Understanding biotic and abiotic controls of woody debris decomposition and its contribution to carbon budgets in old-growth forests Acronym: DEWOOD Project code: PN-III-P4-ID-PCE-2020-2696	Ministerul Educației Naționale UEFISCDI	Team member	2021-2023
10.	Multiplicarea vegetativă prin altoire a molidului cu coroană îngustă	INCDS " Marin Drăcea", Stațiunea Brasov	Team member	2021
11.	Studiu privind regenerarea arboretelor de stejar pedunculat din silvostepa și de la tranziția spre câmpia colinară - ocoalele silvice Craiova, Filiați, Sadova și Segarcea	RNP-Romsilva	Team member	2020-2021
12.	Genomische Signaturen	Georg-August University	Kooperationspartner	2019-2022

	oekologischer Artbildung und paralleler Evolution bei Eichen	Goettingen, Germania		
13.	MSc European Forestry, Erasmus Mundus Joint Master Degrees, 610532-EPP-1-2019-1-FI-EPPKA1-JMD-MOB	Comisia Europeană EACEA	UNITBV coordinator	2019-2024
14.	Reînființarea plantajului de molid Sudrigiu, din Ocolul Silvic Sudrigiu - Direcția Silvică Bihor	RNP-Romsilva	Team member	2018-2021
15.	Potential climate change mediated recovery of Autochthonous broadleaf species to the detriment of allochthonous planted conifers, NATIVE, PN-III-P1-1.1-PD-2016-0583	Ministerul Educației Naționale UEFISCDI	Team member	2018-2020
16.	Îmbunătățirea tehnologiei de producere a semintelor în livezi semincere de molid. Nr. contract 32BG/2016 (458 750 Lei ≈ 102 000 EUR)	Ministerul Educației Naționale UEFISCDI	Project coordinator	2016-2018
17.	MSc European Forestry, Erasmus Mundus Joint Master Degree (EMJMD) – Project number 574389-EPP-1-2016-1-FI-EPPKA1-JMD-MOB Agreement/decision number 2016-2051	Comisia Europeană EACEA	UNITBV coordinator	2016-2021
18.	Non-native tree species for European forests - experiences, risks and opportunities (NNEXT)	Comisia Europeană - COST Action FP 1403	Member of the management committee	2014-2018
19.	Evaluarea potențialului genetic adaptiv al principalelor specii de rășinoase pentru un management forestier durabil în contextul schimbărilor climatice Contractul nr. 151/2014	UEFISCDI - PN-II-PCCA-2013	Team member	2014-2016
20.	Înființarea unei livezi semincere de stejar brumăriu în cadrul DS Tulcea Nr. ctr. 10244/03.09.2014	RNP-Romsilva și ICAS București	Team member	2014-2017
21.	Strengthening conservation: a key issue for adaptation of marginal / peripheral populations of forest trees to climate change in Europe (MaP-FGR)	Comisia Europeană - COST Action FP 1202	Member of the management committee	2012-2016
22.	Biosafety of forest transgenic trees: improving the scientific basis for safe tree development and implementation of EU policy directives	Comisia Europeană - COST Action FP 0905	Member of the management committee	2010-2014
23.	Cercetări privind hibridarea naturală în complexul de specii <i>Quercus</i> din România (TE-73) Contract nr. 119/4.08.2010 (750 000 Lei ≈ 178 000 EUR)	Ministerul Educației Naționale CNCS PN II RU	Project coordinator	2010-2013
24.	EU-Canada Transatlantic Exchange Partnership, 2010 - 2651/001-001-CPT EU-CANADA TEP "Managing	Comisia Europeană EACEA	Project coordinator	2010-2013

	and conserving forests for multiple values" (138 000 EUR)			
25.	Evaluarea resurselor genetice de stejar pedunculat (<i>Quercus robur</i> L.) și de stejar brumăriu (<i>Q. pedunculiflora</i> K. Koch) cu ajutorul descriptorilor fenotipici și a markerilor genetici (IDEI – 183). Contract nr. 237/01.10.2007 (318 000 Lei ≈ 95 800 EUR)	Ministerul Educației Naționale CNCSIS-UEFISCSU PN II IDEI	Project coordinator	2007-2010
26.	Studiul biodiversității pădurilor de molid și brad din arii protejate Natura 2000 prin metode moderne, pluridisciplinare - CONBIODIV	Ministerul Educației Naționale PN II Parteneriate	Team member	2007-2010
27.	Evaluarea și cartarea diversității genetice a speciilor de stejari autohtoni din România în scopul gestionării durabile a ecosistemelor forestiere și conservarea dinamică a resurselor genetice - OAKGIS	Ministerul Educației Naționale PN II Parteneriate	Team member	2007-2010
28.	Studierea variabilității genetice a principalelor specii forestiere în vederea stabilirii surselor de semințe testate și armonizării cu reglementările U.E. (TREEVARGEN) Nr. ctr. 762/2006	Ministerul Educației și Cercetării (Programul CEEX)	Team member	2006-2008
29.	Conservarea și managementul durabil al resurselor genetice forestiere din România (COREGE - FOREST)	Ministerul Educației și Cercetării (Programul CEEX)	Team member	2006-2008
30.	Cercetări privind caracteristicile nișelor ecologice optime, suboptime și limitative pentru cultura frasinului comun, arțarului și aninului negru, Cod A 1031/2005, nr. cntr. 27684/2005	CNCSIS	Team member	2005-2007
31.	Cercetări privind caracteristicile nișelor ecologice optime, suboptime și limitative pentru cultura frasinului comun, arțarului și aninului negru; Contract RNP 34/2005	RNP-Romsilva	Team member	2005-2007
32.	Cercetări privind caracteristicile nișelor ecologice optime, suboptime și limitative la paltin (<i>Acer pseudoplatanus</i> L.), sorb [<i>Sorbus torminalis</i> (L.) CR.] și cireș pădureț (<i>Prunus avium</i> L.). Nr. ctr. 33459/2002	CNCSIS	Team member	2002-2004
33.	Cercetări privind caracteristicile nișelor ecologice optime, suboptime	RNP-Romsilva	Team member	2003-2004

	și limitative pentru cultura unor specii indigene cu lemn valoros <i>Acer pseudoplatanus</i> L. – paltin, <i>Sorbus torminalis</i> (L.) CR. – sorb și <i>Prunus avium</i> L. – cireș pădureț. Nr. ctr. 10/2003			
34.	Cercetări de genetică ecologică privind climatipurile și edafotipurile la cvercinee și fag în vederea stabilirii măsurilor de conducere și de conservare a acestor arboreta. Nr. crt. 510/2000	ANSTI Orizont 2000	Team member	2000-2003
35.	Multiple objective forest management for prevention of soil erosion on protected areas in Eastern Europe	EU DG12 (1999-2001)	Team member	1999

List of scientific publications (selection)

- Alexandru, A. M., Mihai, G., Stoica, E., & Curtu, A. L. (2023). Multi-Trait Selection and Stability in Norway Spruce (*Picea abies*) Provenance Trials in Romania. *Forests*, 14(3). <https://doi.org/10.3390/f14030456>
- Apostol, E. N., Curtu, A. L., Daia, L. M., Apostol, B., Dinu, C. G., & Sofletea, N. (2017). Leaf morphological variability and intraspecific taxonomic units for pedunculate oak and grayish oak (genus *Quercus* L., series *Pedunculatae* Schwz.) in Southern Carpathian Region (Romania). *SCIENCE OF THE TOTAL ENVIRONMENT*, 609, 497–505. <https://doi.org/10.1016/j.scitotenv.2017.05.274>
- Besliu, E., Curtu, A. L., Apostol, E. N., & Budeanu, M. (2024). Using Adapted and Productive European Beech (*Fagus sylvatica* L.) Provenances as Future Solutions for Sustainable Forest Management in Romania. *Land*, 13(2), 183.
- Bruxaux, J., Zhao, W., Hall, D., Curtu, A. L., Androsiuk, P., Drouzas, A. D., Gailing, O., Konrad, H., Sullivan, A. R., Semerikov, V., & Wang, X. R. (2024). Scots pine - panmixia and the elusive signal of genetic adaptation. *NEW PHYTOLOGIST*. <https://doi.org/10.1111/nph.19563>
- Ciocîrlan, E., Sofletea, N., Ducci, F., & Curtu, A. L. (2017). Patterns of genetic diversity in European beech (*Fagus sylvatica* L.) at the eastern margins of its distribution range. *IFOREST-BIOGEOSCIENCES AND FORESTRY*, 10, 916–922. <https://doi.org/10.3832/ifor2446-010>
- Ciocîrlan, E., Șofletea, N., Mihai, G., Teodosiu, M., & Curtu, A. L. (2021). Comparative analysis of genetic diversity in Norway spruce (*Picea abies*) clonal seed orchards and seed stands. *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, 49(4). <https://doi.org/10.15835/nbha49412575>
- Ciocîrlan, M. I. C., Ciocîrlan, E., Chira, D., Radu, G. R., Păcurar, V. D., Beșliu, E., Zormpa, O. G., Gailing, O., & Curtu, A. L. (2024). Large Differences in Bud Burst and Senescence between Low- and High-Altitude European Beech Populations along an Altitudinal Transect in the South-Eastern Carpathians. *Forests*, 15(3), 468. <https://doi.org/10.3390/f15030468>

- Ciocirlan, M. I. C., Curtu, A. L., & Radu, G. R. (2022). Predicting Leaf Phenology in Forest Tree Species Using UAVs and Satellite Images: A Case Study for European Beech (*Fagus sylvatica* L.). *REMOTE SENSING*, 14(24). <https://doi.org/10.3390/rs14246198>
- Cocoradă, E., Curtu, A. L., Năstasă, L. E., & Vorovencii, I. (2021). Dropout intention, motivation and socio-demographics of forestry students in Romania. *Forests*, 12(5). <https://doi.org/10.3390/f12050618>
- Cotovelea, A., Ionescu, O., Șofletea, N., Ionescu, G., Jurj, R., Sîrbu, G., Popa, M., Fedorca, M., Mariș, C., & Curtu, A. L. (2015). Testing the influence of habituation on genetic structure of brown bear (*Ursus arctos*). *Annals of Forest Research*, 58(1). <https://doi.org/10.15287/afr.2015.355>
- Crăciunesc, I., Vornam, B., Leinemann, L., Finkeldey, R., Șofletea, N., & Curtu, A. L. (2015). High Genetic Differentiation among European White Oak Species (*Quercus* spp.) at a Dehydrin Gene. *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, 43(2). <https://doi.org/10.15835/nbha.43.2.10128>
- Curtu, A. L., Craciunesc, I., Enescu, C. M., Vidalis, A., & Sofletea, N. (2015). Fine-scale spatial genetic structure in a multi-oak-species (*Quercus* spp.) forest. *IFOREST-BIOGEOSCIENCES AND FORESTRY*, 8, 324–332. <https://doi.org/10.3832/ifor1150-007>
- Curtu, A. L., Finkeldey, R., & Gailing, O. (2004). Comparative sequencing of a microsatellite locus reveals size homoplasy within and between European oak species (*Quercus* spp.). In *Plant Molecular Biology Reporter* (Vol. 22, Issue 4). <https://doi.org/10.1007/BF02772677>
- Curtu, A. L., Gailing, O., & Finkeldey, R. (2007). Evidence for hybridization and introgression within a species-rich oak (*Quercus* spp.) community. *BMC Evolutionary Biology*, 7(1), 218. <https://doi.org/10.1186/1471-2148-7-218>
- Curtu, A. L., Gailing, O., & Finkeldey, R. (2009). Patterns of contemporary hybridization inferred from paternity analysis in a four-oak-species forest. *BMC Evolutionary Biology*, 9(1), 284. <https://doi.org/10.1186/1471-2148-9-284>
- Curtu, A. L., Gailing, O., Leinemann, L., & Finkeldey, R. (2007). Genetic variation and differentiation within a natural community of five oak species (*Quercus* spp.). *Plant Biology*, 9(1). <https://doi.org/10.1055/s-2006-924542>
- Curtu, A. L., Moldovan, I. C., Enescu, C. M., Craciunesc, I., & Sofletea, N. (2011). Genetic differentiation between *Quercus frainetto* Ten. and *Q. pubescens* Willd. in Romania. *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, 39(1). <https://doi.org/10.15835/nbha3915633>
- Curtu, A. L., Sofletea, N., Radu, R., Bacea, A., Abrudan, I. V., Butiuc-Keul, A., & Farcas, S. (2009). Allozyme variation of coniferous tree species from Maramures Mountains, Romania. *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, 37(2).
- Curtu, A. L., Sofletea, N., Toader, A. V., & Enescu, M. C. (2011). Leaf morphological and genetic differentiation between *Quercus robur* L. and its closest relative, the drought-tolerant *Quercus pedunculiflora* K. Koch. *Annals of Forest Science*, 68(7), 1163–1172. <https://doi.org/10.1007/s13595-011-0105-z>

- Dinuliță, F., Bucur, V., Albu, C. T., Vasilescu, M. M., Curtu, A. L., & Nicolescu, N. V. (2021). Relevant phenotypic descriptors of the resonance Norway spruce standing trees for the acoustical quality of wood for musical instruments. *European Journal of Forest Research*, 140(1). <https://doi.org/10.1007/s10342-020-01318-z>
- Ducci, F., De Rogatis, A., Proietti, R., Curtu, A. L., Marchi, M., & Belletti, P. (2021). Establishing a baseline to monitor future climate-change-effects on peripheral populations of *Abies alba* in central Apennines. *Annals of Forest Research*, 64(2). <https://doi.org/10.15287/afr.2021.2281>
- Dzialuk, A., Chybicki, I., Gout, R., Mączka, T., Fleischer, P., Konrad, H., Curtu, A. L., Sofletea, N., & Valadon, A. (2014). No reduction in genetic diversity of Swiss stone pine (*Pinus cembra* L.) in Tatra Mountains despite high fragmentation and small population size. *Conservation Genetics*, 15(6). <https://doi.org/10.1007/s10592-014-0628-6>
- Enescu, C. M., Curtu, A. L., & Șofletea, N. (2013). Is *quercus virgiliana* a distinct morphological and genetic entity among european white oaks? *Turkish Journal of Agriculture and Forestry*, 37(5). <https://doi.org/10.3906/tar-1210-28>
- Fady, B., Esposito, E., Abulaila, K., Aleksic, J. M., Alia, R., Alizoti, P., Apostol, E.-N., Aravanopoulos, P., Ballian, D., Kharrat, M. B. D., Carrasquinho, I., Albassatneh, M. C., Curtu, A.-L., David-Schwartz, R., de Dato, G., Douaihy, B., Eliades, N.-G. H., Fresta, L., Gaouar, S. B. S., ... Westergren, M. (2022). Forest Genetics Research in the Mediterranean Basin: Bibliometric Analysis, Knowledge Gaps, and Perspectives. *Current Forestry Reports*, 8(3), 277–298. <https://doi.org/10.1007/s40725-022-00169-8>
- Fedorca, A., Russo, I. R. M., Ionescu, O., Ionescu, G., Popa, M., Fedorca, M., Curtu, A. L., Sofletea, N., Tabor, G. M., & Bruford, M. W. (2019). Inferring fine-scale spatial structure of the brown bear (*Ursus arctos*) population in the Carpathians prior to infrastructure development. *Scientific Reports*, 9(1). <https://doi.org/10.1038/s41598-019-45999-y>
- Fedorca, M., Ionescu, O., Șofletea, N., Fedorca, A., Curtu, A. L., & Ionescu, G. (2020). Assessing the genetic structure of capercaillie (*Tetrao urogallus*) in Romania. *Annals of Forest Research*, 63(2). <https://doi.org/10.15287/afr.2020.2025>
- Gailing, O., & Curtu, A. L. (2014). Interspecific gene flow and maintenance of species integrity in oaks. In *Annals of Forest Research* (Vol. 57, Issue 1). <https://doi.org/10.15287/afr.2014.171>
- Gailing, O., Wachter, H., Schmitt, H. P., Curtu, A. L., & Finkeldey, R. (2007). Characterization of different provenances of Slavonian pedunculate oaks (*Quercus robur* L.) in Münsterland (Germany) with chloroplast DNA markers: PCR-RFLPs and chloroplast microsatellites. *Allgemeine Forst- Und Jagdzeitung*, 178(5–6).
- Hereș, A. M., Petritan, I. C., Bigler, C., Curtu, A. L., Petrea, Ș., Petritan, A. M., Polanco-Martínez, J. M., Rigling, A., & Curiel Yuste, J. (2021). Legacies of past forest management determine current responses to severe drought events of conifer species in the Romanian Carpathians. *Science of the Total Environment*, 751. <https://doi.org/10.1016/j.scitotenv.2020.141851>
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