



## Curriculum vitae Europass



### Personal information

First/Last name **DUMITRU T. MURARIU**  
Address Str. Amman Nr. 20, 011614 Sectorul 1, București  
Tele: 021 316 72 39; Of: 021 312 88 55  
021 312 88 55  
E-mail [dmurariu@antipa.ro](mailto:dmurariu@antipa.ro) dumitru.murariu@ibiol.ro  
Nationality Romanian  
Birth date 21 September 1940  
Sex Male

**Affiliated** Institute of Biology of the Romanian Academy  
Spl. Independenței No. 296, Sector 6 Bucharest, Romania

**Scientific fields** Biology – Zoology, specialized in morphology, systematics, ecology, ethology, zoogeography, mammal ecology

**Functions**

- Senior scientist and general manager of institution (1 Nov. 1988 – 24 July 2014)
- Senior scientist and deputy director (1 April 2015 – 30 June 2016) to the Institute of Speleology „Emil Racovita”, Bucharest
- Director of the Institute of Biology (since 1-st July 2016)

### Professional experience

Period October 1966 – March 1969  
Function and job Biologist – bacteriologist and haematologist  
Main activities Laboratory analysis and scientific research in the Hospital Biobase.  
Name and Address of Institution Unified Hospital „Pantelimon”, Bucharest, Sector 3  
Type of activities Bio-medical analysis and scientific research  
Period March 1969 – September 1970

Function	Guide in a national Museum of N.H.
Activities and responsibilities	Educational programme, research activity, scientific collections
Name of Institution	„Grigore Antipa” National Museum of Natural History, Șos. Kiseleff Nr. 1, Sectorul 1 Bucharest
Type of activities	Scientific, cultural, education, natural heritage
Period	September 1970 – August 1972
Function	Museologist
Activities	Educational programmes, scientific research, heritage.
Name of Institution	„Grigore Antipa” National Museum of Natural History, Șos. Kiseleff Nr. 1, Sectorul 1 Bucharest
Type of activities	Scientific, cultural, educational, heritage
Period	August 1972 – October 1976
Function	Senior museologist
Activities	Scientific, cultural, educational, heritage
Name of Institution	„Grigore Antipa” National Museum of Natural History, Șos. Kiseleff Nr. 1, Sectorul 1 Bucharest
Type of activities	Scientific, cultural, educational, heritage
Period	October 1976 – October 1988
Function	Head of Department Vertebrate and Restoration
Activities	Educational programmes, scientific research, heritage.
Name of Institution	„Grigore Antipa” National Museum of Natural History, Șos. Kiseleff Nr. 1, Sectorul 1 Bucharest
Type of activities	Scientific, cultural, educational, heritage
Period	November 1988 – September 1990
Function	Director of Museum
Activities	Scientific and Cultural Institution Management – Biodiversity and faunistic research
Name of Institution	„Grigore Antipa” National Museum of Natural History, Șos. Kiseleff Nr. 1, Sectorul 1 Bucharest

Type of activities	Science, culture, education, heritage
Period	October 1990 – August 2007
Function	Director of Museum (Minister Order No. 5726/01.101990)
Activities	Management of Scientific and Cultural Institution.
Name of Institution	Minister of Education and Research, for "Grigore Antipa" M.N.H. Bucharest
Type of activities	primoni
Period	March 1995 – March 2000
Function	Senior scientist to the Faculty of Biology – University of Bucharest – the team of molecular cytogenetics research
Activities and responsibilities	Collecting and preliminary conservation of the biological materials, for scientific research
Name of Institution	University of Bucharest (Rector Decision, No. 820/27.03.1995)
Type of activities	Scientific research
Period	February 2001 – March 2005
Function	Member of the National Commission of Museums and Collections
Activities	Analysis and decisions in Natural History Museums to be applied Law No. 182 of the Mobile patrimony/heritage
Name of Institution	Ministry of Culture and Religions (Order of Minister No. 2006/07.02.2001)
Type of activities	Museological exhibitions, in country and abroad representations, legislation in the field
Period	August 2007 – July 2014
Function	General Manager of the National Museum N.H. (Minister Order No. 593/15.08.2007 and Minister Order since 2010)
Activities and responsibilities	Management of a Scientific and Cultural Institution.
Name of Institution	Ministry of Culture and Religions for „Gr. Antipa” National Museum of Natural History, Șos. Kiseleff Nr. 1 , Sector 1 - Bucharest
Type of activities	Science, Culture, Heritage, Education
<b>Education</b>	
Period	1961 - 1966
Calification/Diploma	University Diplomat (Diploma No. 204140/25.10.1966) as Biologist – Zoologist, specialized in Zoology, Botany, Anatomy, Paleontology, Physiology, Microbiology
Main studied disciplines/professional competences	Zoogeography, Ecology, General Physics, General Chemistry, Biophysics, Biochemistry, Genetics, Anthropology, Cito-Histo-Embriology etc.
Name and type of Institutions	University „Al. Ioan Cuza” from Iași - Faculty of Biology-Geography, Section of Biology – Zoology
Period	1971 – 1975 – PhD student at the Comparative Animal Morphology Cathedra – Faculty of Biology – University of Bucharest. On 11 July 1975 - Public defence of the PhD thesis entitled <i>Integumentary glands of Insectivora order (Mammalia) from Romania. Their anatomy, histology and histochemistry.</i> PhD Diploma in Biology confirmed by High Commission of Diploms (Ministry of Education) - Series C, No. 1790 with registered No 1876/06.04.1981 – University of Bucharest.
<b>Aptitudes and personal competences</b>	
Native language	Romanian

Foreign languages known	English and French (fluently); Russian and German – with dictionaries
<b>English</b>	Very well
<b>French</b>	Well
<b>Russian</b>	Translation with dictionary
<b>German</b>	Translation with dictionary
Social competences and abilities	Cultural marketing and museological pedagogy; communication in a cultural institution with visitors, mainly with scholars
Competences and organisational aptitudes	Head of Department, general manager of scientific and cultural institution. Co-ordination of scientific teams for research Projects. Organizer of scientific expeditions in the country and abroad (Indonesia, Brasil, North Africa, Middle East)
Competences and technical aptitudes	Use of microtome, of optic and electronic microscopes (with technical assistance), of field work equipments, of stereomicroscope; collecting and conservation of biological materials for molecular biology studies
PC competences and aptitudes	Currently work in Microsoft Office Word 2007, Microsoft Office Access 2007, Microsoft Office Excel 2007 ANDi Power Point Programmes. Basic knowledge on Arc View and Gis Map.
Artistical competences and aptitudes	None

Other competences and aptitudes	Hobby – reading literature, listening selected music, travel, gardening
Additional information	<p>- Attended 26 Scientific International Congresses and Workshops with oral contributions.</p> <p>- PhD scientific adviser since 2000 – Faculty of Biology – University of Bucharest.</p> <p>- Chief-editor of journal <i>Travaux du Muséum National d'Histoire Naturelle "Grigore Antipa"</i>, (volumes XXXIII – LIII = 22 volumes (between 1989 – 2014).</p> <p>Life member of the American Society of mammalogists (since 1976).</p> <p>- Member of the European Society of mammalogists (since 1997).</p> <p>- Member of the Advisory Committee of EUROBATS – European Convention.</p> <p>- Member of the Romanian Association of Museologists (since 1993).</p> <p>- Member of EIONET Nature Protection and Biodiversity from the European Agency of Environment (since 1995).</p> <p>- IUCN Member (International Union for Nature Conservation) – the International Commission of Species Conservation – Rodentia (since 1987).</p> <p>- President of the Romanian Federation of Chiropterology (since 2000).</p> <p>- Member of the Scientific Councils of two National Parks.</p> <p>- Member of the Scientific College of the Eco-Museal Research Institute from Tulcea, Romania.</p> <p>- Co-ordinator of the Project "<i>Grigore Antipa</i>" National Museum of Natural History, <i>reinvented after 100 years</i>" (reorganisation and modernization with updated museological techniques, between 2009 – 2011).</p> <p>- Editor in Chief of the "<i>Romanian Journal of Biology</i>" – <i>Zoology</i> (member since 2005) – Romanian Academy Printing House.</p> <p>- Editor in Chief of Romanian FAUNA COLLECTION (member since 2003). Romanian Academy Printing House.</p> <p>Two Awards "Mihai Băcescu" and two of "Grigore Antipa (2001 – 2004) of the Ministry of Culture for results of scientific results and management of natural heritage.</p> <p>- Order "<i>Meritul Cultural în grad de Ofițer</i>", Category E – "National Cultural Heritage" (M.O. of Romania, Part I, No. 171/27.II.2004).</p>
Articles published in journals with Impact Factor (ISI Thomson):	<p>Present distribution of the Golden Jackal <i>Canis aureus</i> in the Balkans and adjacent regions. <i>Mammal Review</i>, <b>27</b> (2): 109 – 114. <b>IF: 1,037</b> (KRYŠTUFEK B., <b>MURARIU D.</b>, KURTONUR C./1997).</p> <p>Current status and distribution of golden jackals (<i>Canis aureus</i> L., 1758) in Europe. <i>Mammal Review</i>, <b>42</b>: 1: 1-11. <b>IF: 3,034</b> (ARNOLD J., A. HUMER, M. HELTAI, <b>D. MURARIU</b>, N. SPASSOV, K. HACKLÄNDER/2011)</p> <p>Beolens B., M. Watkins and M. Grayson (Eds.), 2009 – The Eponym Dictionary of Mammals. John Hopkins University Press, Baltimore, Maryland USA, I – XIII + 574 pp. In: <i>Journal of Mammalogy</i>, <b>92</b> (2): 474 – 475 <b>IF: 1,840</b> (WILSON D.E., <b>D. MURARIU</b>/2011).</p> <p><i>Sinanodonta woodiana</i> (Mollusca: Bivalvia: Unionidae): Isolation and Characterization of the First Microsatellite Markers. <i>International Journal of Molecular Sciences</i>, <b>12</b> (8): 5255–5260. <b>IF: 1,387</b> (POPA O.P., L.O. POPA, A.-M. KRAPAL, <b>D. MURARIU</b>, E.I. IORGU, M. COSTACHE/2011).</p> <p>Isolation and characterization of the first microsatellite markers for the endangered relict mussel <i>Hypanis colorata</i> (Mollusca: Bivalvia: Cardiidae), <i>International Journal of Molecular Sciences</i>, <b>12</b> (1): 456–461. <b>IF: 4,183</b> (POPA O.P., E.I. IORGU, A.-M. KRAPAL, B.S. KELEMEN, <b>D. MURARIU</b>, L.O. POPA/2011).</p> <p>Molecular insights into the taxonomy of <i>Hypanis</i> (Bivalvia: Cardiidae: Lymnocardiinae) in the Black Sea lagoons. <i>Helgoland Marine Research</i>, <b>66</b> (2): 153-158 <b>IF: 1,115</b> (POPA L.O., O.P. POPA, E. I. IORGU, B. KELEMEN, <b>D. MURARIU</b>/2012).</p>

Development of nuclear microsatellite markers for the lesser blind mole rat *Nannospalax leucodon* (Spalacidae: Rodentia). *Conservation genetics resources*, **6** (3): 787 – 789. **IF: 0,446** (POPA O.P., G.B. CHIȘAMERA, **D. MURARIU**, L.O. POPA/2014).

Dobrava Virus Carried by the Yellow-Necked Field Mouse *Apodemus flavicollis*, Causing Hemorrhagic Fever with Renal Syndrome in Romania. *Vector-Borne and Zoonotic Diseases*, **14** (5): 358-64. **IF: 1,939** (PANCULESCU-GATE R.I., A. SÎRBU, S. DINU, M. WALDSTROM, P. HEYMAN, **D. MURARIU**, A. PETRESCU, C. SZMAL, G. OPRÎȘAN/2014).

Fossorial morphotype does not make a species in water voles. *Mammalia*, **79** (3): 293 – 303. **IF: 0,681** (KRYŠTUFÉK B., T. KOREN, S. ENGELBERGER, G.F. HORVÁTH, Jenő J. PURGER, A. ARSLAN, G. CHIȘAMERA, **D. MURARIU**/2014).

Bukovina blind mole rat *Spalax graecus* revisited: phylogenetics, morphology, taxonomy, habitat associations and conservation. *Mammal Review*, **44** (1):19-29. **IF: 4,256** (CHIȘAMERA G., E.V. BUŽAN, T. SÁHLEAN, **D. MURARIU**, S. ZUPAN, B. KRYŠTUFÉK/2014).

Book review: Archibald, J.D., 2015. Extinction and radiation: How the Fall of Dinosaurs led to the Rise of Mammals. *Journal of Mammalogy*, **96** (5): 1106 – 1107. **IF: 1,840** (**MURARIU D.**/2015).

In Memoriam: Gheorghe Racoviță (1940 – 2015). *International Journal of Speleology*, **45** (1): 101 – 102. **IF: 1,439** (ONAC B., **D. MURARIU**/2016).

Comparative diet analysis of the eurasian otter (*Lutra lutra*) in different habitats: Putna - Vrancea Natural Park and Lower Siret Valley, south-eastern Romania. *North-Western Journal of Zoology*, **13** (2): 311 – 319. **IF: 0,596** (BOUROȘ G., **D. MURARIU**/2017).

Correlation data between habitat variables and the presence of breeding bird species subject of protection in the Natura 2000 site ROSPA0071 Lower Siret Meadow, eastern Romania. *North-Western Journal of Zoology*, **14** (1): 96 – 101. **IF: 0,843** (DRAGOMIR M.I., A. DRAGOMIR, **D. MURARIU**/2018).

New insights into fall passage ecology and behaviour of black storks (*Ciconia nigra*) at Dumbrăvița fishing complex (Central Romania). *North-Western Journal of Zoology*, **15** (1): 101-106. **IF: 0,843** (IONESCU D.T., M. CIOBOTĂ, A.-L. MILAC, A. CIOBOTĂ, **D. MURARIU**/2019).

Pierotti R. and B.R. Fogg, 2017 – The First Domestication. How Wolves and Humans Coevolved. Yale University Press, New Haven and London, ISBN 978-0-300-22616-4 (Hardcover: alk. Paper), XV + 326 pp. *Journal of Mammalogy*, **100** (4): 1403 -1405 **IF: 1,840** (Book review) (**D. MURARIU**/2019).

Why should We Reconsider Natural History? *IOSR Journal of Pharmacy and Biological Sciences*, vol. **15**, Issue 1: 19-25. **IF: 3,83** (**D. MURARIU**/2020).

Thoughts on Progress in Biological System Developments. *IOSR Journal of Pharmacy and Biological Sciences*, vol. **15**, Issue 2: 22-34. **IF: 3,83**. (**D. MURARIU**/2020).

New insights into fall passage ecology and behaviour of black storks (*Ciconia nigra*) at Dumbrăvița fishing complex (Central Romania). *North-Western Journal of Zoology*, **15** (1): 101-106. **IF: 0,843** (IONESCU D.T., M. CIOBOTĂ, A.-L. MILAC, A. CIOBOTĂ, **D. MURARIU/2019**)

Pierotti R. and B.R. Fogg, 2017 – The First Domestication. How Wolves and Humans Coevolved. Yale University Press, New Haven and London, ISBN 978-0-300-22616-4 (Hardcover: alk. Paper), XV + 326 pp. *Journal of Mammalogy*, **100** (4): 1403 -1405 **IF: 1,840** (Book review) (**D. MURARIU/2019**).

Why should We Reconsider Natural History? *IOSR Journal of Pharmacy and Biological Sciences*, vol. **15**, Issue 1: 19-25. **IF: 3,83** (**D. MURARIU/2020**).

Thoughts on Progress in Biological System Developments. *IOSR Journal of Pharmacy and Biological Sciences*, vol. **15**, Issue 2: 22-34. **IF: 3,83**. (**D. MURARIU/2020**).

**Total published scientific articles and reviews = 353.**

**Toral published books = 26 from which 13 in the Romanian Academy Publishing House and 1 in the Edition Universitaire Européene – Omniscriptum, Germany (521 pages in 2016).**

10 November 2021

Dumitru Murariu