**CURRICULUM VITAE**

Alexandru Viorel Ciornei

**PERSONAL INFORMATION**

**Date and place of birth:** 1984, Bucharest, Romania

**Citizenship:** Romanian

**E-mail:** alexandru.ciornei@iabvp.ro

<https://instarhparvan.academia.edu/CiorneiAlexandru>

<https://www.researchgate.net/profile/Alexandru_Ciornei>

<https://www.brainmap.ro/alexandru-ciornei>

<https://scholar.google.ro/citations?hl=en&user=rVUPIKYAAAAJ>

<https://publons.com/researcher/3143302/ciornei-alexandru/>

<https://orcid.org/0000-0002-4542-9420>

**SCIENTIFIC ACTIVITY**

I am a specialist in the characterization and provenance of lithic raw materials used by prehistoric communities, a research line which provides evidence for landscape exploitation, mobility patterns, exchange and social networks. At the "Vasile Pârvan" Institute of Archaeology, I am presently engaged in building a lithoteque of knapped raw materials used throughout Prehistory for the territory of Romania. This is shown by the numerous field surveys I carried out in various areas of Romania (point 4) in the past few years in the frame of several international research projects (point 3). From an archaeological point of view, my current focus is on applying various raw material characterization techniques combined with the study of Upper Palaeolithic lithic assemblages (refitting and minimum analytical nodule analysis). This is illustrated by my recently published works (point 6) and in my involvement in the research at various Palaeolithic sites (point 5).

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| **1. PROFESSIONAL CAREER** |
| July 2017-present | *Scientific researcher* at the "Vasile Pârvan" Institute of Archaeology, Bio-Archaeology department, Bucharest, Romania |
| November 2013-July 2017 | *Occupational health and safety inspector* at Green Solutions S.R.L., Bucharest, Romania |
| April 2011-June 2013 | *Research assistant* at the "Vasile Pârvan" Institute of Archaeology, Department of Palaeolithic Archaeology, Bucharest, Romania |
| May 2013 | *Archaeological research assistant* at the Bucharest Municipality Museum, Department of Archaeology, Bucharest, Romania |
| August 2009-March 2013 | *Archaeological research assistant* at the National History Museum of Romania, Department of Preventive Archaeology, Bucharest, Romania |
| July 2007-July 2009 | *Archaeological research assistant* at the National History Museum of Romania, Department of Archaeology, Bucharest, Romania |
| August-September 2006 | *Archaeological research assistant* at Giurgiu County Museum “Teohari Antonescu”, Giurgiu, Giurgiu county, Romania |
| **2. ACADEMIC CAREER** |
| 2013 | *PhD in Geology*, thesis entitled *Raw-material sources, supply strategies and technological organization in the Palaeolithic from Wallachian Sector of the Moesian Platform* (in Romanian), under the direction of Prof. Dr. Lucian Matei; publicly defended in 30.09.2013; PhD title awarded in 21.01.2014 through Order no. 20 of the National Education Minister |
| 2009-2012 | *Doctoral studies* at the Faculty of Geology and Geophysics (University of Bucharest), Bucharest, Romania |
| 2009 | *Master degree* in Ancient History and Archaeology, thesis entitled *Techniques and methods for interpreting the Palaeolithic variability of lithic assemblages* (in Romanian), under the direction of Conf. Dr. Emilian Alexandrescu |
| 2007-2009 | *Masters studies* in Ancient History and Archaeology, Faculty of History (University of Bucharest), Bucharest, Romania |
| 2007 | *Bachelor in History*, thesis entitled *Upper Palaeolithic combustion structures from Southeastern Europe* (in Romanian), under the direction of Conf. Dr. Emilian Alexandrescu |
| 2003-2007 | *Undergraduate studies* at the Faculty of History (University of Bucharest), Bucharest, Romania |
| **3. PROJECTS** |
| 2024-present | *Integrating multi‐analytical results for the characterisation and provenance of Upper Palaeolithic Cretaceous flint artefacts in northeast Romania*, coordinated by M. Händel, Austrian Archaeological Institute, Austrian Academy of Sciences, Vienna |
| 2022-2024 | *FIRE: Experimental investigations of stone artifact burning to infer prehistoric behavioral patterns in Late Pleistocene Romania* (UEFISCDI project PN-III-P1-1.1-TE-2021-1071), coordinated by A. Doboş, “Vasile Pârvan” Institute of Archaeology, Bucharest |
| 2021-2023 | *Comparing Upper Palaeolithic sequences across the Carpathians*, coordinated byM. Händel, Austrian Archaeological Institute, Austrian Academy of Sciences |
| 2020-2023 | *Last Foragers of the Ice Age. Reassessing the Late Upper Palaeolithic in Eastern Romania* (UEFISCDI project PN-III-P4-ID-PCE-2020-0653), coordinated by M. Anghelinu, “Valahia” University of Târgoviște, Târgoviște |
| 2017-2019 | *Late Glacial forager adaptations in the Eastern Romanian Carpathians: the Ceahlău Basin record* (UEFISCDI project PN-III-P4-ID-PCE-2016-0262), coordinated by M. Anghelinu, “Valahia” University of Târgoviște, Târgoviște |
| 2017-2019 | *CRC 806 “Our Way to Europe”, subproject B1 The Eastern Trajectory: Last Glacial Paleogeography and Archeology of the Eastern Mediterranean and of the Balkan Peninsula*, coordinated by W. Chu, Institute of Prehistoric Archaeology, University of Cologne |
| 2011-2017 | *Le Paléolithique de Roumanie*, coordinated by A. Tuffreau (Ministère français des Affaires étrangères et du Développement international) and R. Dobrescu (“Vasile Pârvan” Institute of Archaeology) |
| 2011 | *Lower Danube Survey for Paleolithic Sites*, coordinated by R. Iovita (Max Planck Institut für Evolutionäre Anthropologie) and A. Doboş (“Vasile Pârvan” Institute of Archaeology) |
| **4. FIELD SURVEYS FOR RAW MATERIAL SOURCES** |
| 2024 | Middle Prut Valley around Ripiceni village, Botoșani county, Romania |
| Middle Prut Valley between Cotu Miculinți area, Botoșani county, Romania |
| Middle Danube Valley in Vienna area, Austria |
| Ceahlău Mountains, Neamț county, Romania |
| Lacul Roșu area, Harghita county, Romania |
| 2023 | Middle Prut Valley between Cotu Miculinți-Mitoc area, Botoșani county, Romania |
| Ceahlău Mountains, Neamț county, Romania |
| Brad-Băița area, Hunedoara county, Romania |
| 2022 | Middle Prut Valley between Cotu Miculinți-Mitoc area, Botoșani county, Romania |
| Nișcov Valley, Prahova county, Romania |
| Middle Bistrita Valley and the Ceahlău Mountains, Neamț county, Romania |
| Lower and Middle Bistrita Valley, Neamț county, Romania |
| Toplița area, Harghita county, Romania |
| Poiana Ruscă Mountains, Northeastern Banat, Timiș county, Romania |
| Lacul Roșu area, Harghita county, Romania |
| 2021 | Middle Prut Valley between Darabani - Rădăuți-Prut - Ripiceni area, Botoșani county, Romania |
| Middle Bistrita Valley and the Ceahlău Mountains, Neamț county, Romania |
| Toplița area, Harghita county, Romania |
| Sita Buzăului-Întorsura Buzăului area, Covasna county, Romania |
| Lower Bistrita Valley, Neamț county, Romania |
| Dolhasca-Suceava area, Siret and Suceava rivers, Suceava county, Romania |
| 2019 | Poiana Ruscă Mountains, Northeastern Banat, Timiș county, Romania |
| Maramureș Mountains, Prislop Pass, Borșa commune, Maramureș county, Romania |
| Middle Bistrita Valley and the Ceahlău Mountains, Neamț county, Romania |
| Tulgheș area, Harghita county, Romania |
| 2018 | Slava Rusă village, Slava Cercheză commune (Dobrudja), Tulcea county, Romania |
| Poiana Ruscă Mountains, Northeastern Banat, Timiș county, Romania |
| Maramureș Mountains, Prislop Pass, Borșa commune, Maramureș county, Romania |
| Southern Gutâi Mountains, Baia Mare area, Maramureș county, Romania |
| Middle Bistrita Valley (Audia village, Hangu commune), Neamț county, Romania |
| 2017 | Amaradia and Seaca valleys, near Logrești village, Gorj county, Romania |
| Baia Mare area, Maramureș county, Romania |
| 2013 | Lower Bistrita Valley, Bacău county, Romania |
| 2011 | Lower Danube Valley, Olt, Teleorman, Giurgiu and Călărași counties, Romania |
| Peştera village, Constanța county, Romania |
| **5. ARCHAEOLOGICAL EXCAVATIONS (AS TEAM MEMBER)** |
| 2024 | Ripiceni-*La Izvor*, Ripiceni village, Ripiceni commune, Botoșani county, Romania |
| Cotu Miculinți-*Gârla Mare*, Cotu Miculinți village, Coțușca commune, Botoșani county, Romania |
| Kammern-*Grubgraben*, Hadersdorf, Lower Austria, Austria |
| Bistricioara-*Lutărie III*, Bistricioara village, Ceahlău commune, Neamț county, Romania |
| Bistricioara-*La Mal*, Bistricioara village, Ceahlău commune, Neamț county, Romania |
| 2023 | Cotu Miculinți-*Gârla Mare*, Cotu Miculinți village, Coțușca commune, Botoșani county, Romania |
| Kammern-*Grubgraben*, Hadersdorf, Lower Austria, Austria |
| Bistricioara-*Lutărie III*, Bistricioara village, Ceahlău commune, Neamț county, Romania |
| Bistricioara-*La Mal*, Bistricioara village, Ceahlău commune, Neamț county, Romania |
| Crăciunești-*Copta Mare*, Crăciunești village, Băița commune, Hunedoara county, Romania |
| Conduratu-*Conduratu 1* (A7 Ploiești-Buzău highway), Conduratu village, Baba Ana commune, Prahova county, Romania |
| 2022 | Cotu Miculinți-*Gârla Mare*, Cotu Miculinți village, Coțușca commune, Botoșani county, Romania |
| Conduratu-*Conduratu 1* (A7 Ploiești-Buzău highway), Conduratu village, Baba Ana commune, Prahova county, Romania |
| archaeological research in the Borșa-Pasul Prislop area, Borșa town, Maramureș county, Romania |
| Bistricioara-*Lutărie III*, Bistricioara village, Ceahlău commune, Neamț county, Romania |
| Bistricioara-*La Mal*, Bistricioara village, Ceahlău commune, Neamț county, Romania |
| Dolhasca-*Dealul Viei* II, Dolhasca town, Suceava county, Romania |
| preventive archaeological research at Popeşti-*Nucet*, Popeşti village, Mihăileşti town, Giurgiu county, Romania |
| 2021 | Cotu Miculinți-*Gârla Mare*, Cotu Miculinți village, Coțușca commune, Botoșani county, Romania |
| Bistricioara-*Lutărie III*, Bistricioara village, Ceahlău commune, Neamț county, Romania |
| Ceahlău-*Scaune*, Ceahlău village, Ceahlău commune, Neamț county, Romania |
| archaeological diagnostic on the section Lunca Moldovei-Târgu Neamț-Pintic of the A8 highway Târgu Neamț-Tulgheș, Neamț county, Romania |
| 2020 | Seaca-*Capul Dealului*, Seaca village, Logreşti commune, Gorj county, Romania |
| archaeological diagnostic on the section Săbăoani-Paşcani of the A7 highway Bacău-Paşcani, Iași county, Romania |
| 2019 | Bistricioara-*Lutărie III*, Bistricioara village, Ceahlău commune, Neamț county, Romania |
| 2019 | Moșnița Veche-*Proprietate Privată Benedeto*, Moșnița Veche village, Moșnița Nouă commune, Timiș county, Romania |
| Românești-*Dumbrăvița I*, Românești village, Tomești commune, Timiș county, Romania |
| archaeological research in the Borșa-Pasul Prislop area, Borșa town, Maramureș county, Romania |
| Seaca-*Capul Dealului*, Seaca village, Logreşti commune, Gorj county, Romania |
| 2018 | Românești-*Dumbrăvița I*, Românești village, Tomești commune, Timiș county, Romania |
| Seaca-*Capul Dealului*, Seaca village, Logreşti commune, Gorj county, Romania |
| Bucureşti*-Șoseaua Gheorghe Ionescu Sisești no. 451-453*, sector 1, Bucharest, Romania |
| 2017 | Bucureşti-*Șoseaua Fundeni, no. 15*, sector 3, Bucharest, Romania |
| Temerești-*Dealul Vinii*, Temerești village, Făget commune, Timiș county, Romania |
| Seaca-*Capul Dealului*, Seaca village, Logreşti commune, Gorj county, Romania |
| Bușag-*Coasta Bușagului*, Buşag village, Tăuții-Măgherăuș commune, Maramureș county, Romania |
| 2013 | Buda-Dealu Viilor, Buda village, Blăgești commune, Bacău county, Romania |
| Bucureşti-*Strada Neajlovului, no. 87-95*, sector 1, Bucharest, Romania |
| 2012 | Buda-*Dealu Viilor*, Buda village, Blăgești commune, Bacău county, Romania |
| Lespezi-*Lutărie*, Lespezi village, Gârleni commune, Bacău county, Romania |
| 2011 | Crețuleasca 2 (km 7+900→8+175), A3 Highway Bucharest-Moara Vlăsiei, Crețuleasca village, Ștefăneștii de Jos commune, Ilfov county, Romania |
| Vădastra-*Magura Fetelor*, Vădastra village and commune, Olt county, Romania |
| Peștera-*Dealu Guran*, Peștera village and commune, Constanța county, Romania |
| 2010 | Crețuleasca 2 (km 7+900→8+175), A3 Highway Bucharest-Moara Vlasiei, Crețuleasca village, Ștefăneștii de Jos commune, Ilfov county, Romania |
| 2009 | Crețuleasca 1 (km 8+175 → 8+250) and Crețuleasca 2 (km 7+900→8+175), A3 Highway Bucharest-Moara Vlăsiei, Crețuleasca village, Ștefăneștii de Jos commune, Ilfov county, Romania |
| 2009 | Bucșani-*La Școală*, Bucșani village and commune, Giurgiu county, Romania |
| Sălard K 50, Highway Brasov-Oradea, Bihor county, Romania |
| 2008 | Fegernicul Nou V43, Highway Brasov-Oradea, Bihor county, Romania |
| Bucșani-*La Pod*, Bucșani village and commune, Giurgiu county, Romania |
| 2007 | Cârlomănești-*Cetățuia*, Cârlomănești village, Verneşti commune, Buzău county, Romania |
| Bucșani-*La Pădure*, Bucșani-*La Pod*, Bucșani-*La Școală*, Bucșani village and commune, Giurgiu county, Romania |
| 2006 | Giurgiu-Malu Roșu, Lower Danube Valley, Giurgiu county, Romania |
| 2005 | Adamclisi-*Platoul de Est*, Adamclisi commune, Constanța county, Romania |
| 2004 | Adamclisi-*Platoul de Est*, Adamclisi commune, Constanța county, Romania |
| **6. PUBLISHED WORKS** |
| **A. Ciornei** (2023) | An enduring classification of the raw materials from the Upper Palaeolithic and Epipalaeolithic sites in the Middle and Lower Bistriţa Valley (Northeastern Romania): overview and reassessment, *Arheologia Moldovei* 45: 27-58. |
| W. Chu, S. McLin, L. Wöstehoff, **A. Ciornei**, J. Gennai, J. Marreiros, A. Doboș (2022) | Aurignacian dynamics in Southeastern Europe based on spatial analysis, sediment geochemistry, raw materials, lithic analysis, and use‑wear from Românești‑Dumbrăvița, *Scientific Reports* 12 (14152): <https://doi.org/10.1038/s41598-022-15544-5> |
| M. Anghelinu, M. Händel, L. Niță, C. Cordoș, D. Vereș, U. Hambach, **A. Ciornei**, N. Buchinger (2022) | New research on the Upper Paleolithic site at Bistricioara-Lutărie III (Eastern Romanian Carpathians), In: D. Aparaschivei, G. Bilavschi, L. Pîrnău (eds.), *Varia Archaeologica (II). Arheologie în pandemie: provocări în arheologia românească în anii 2020-2021*, Ed. Mega, Cluj-Napoca, p. 11-29. |
| **A. Ciornei**, I. Mariş, M. Anghelinu, L. Niță (2022) | The Upper Palaeolithic site of Bistricioara-Lutărie III (Ceahlău Basin, Northeastern Romania): raw materials and possible supply sources, *Studii de Preistorie* 18: 7-68. |
| M. Anghelinu, M. Händel, L. Niță, C. Cordoș, D. Veres, U. Hambach, G. Murătoreanu, **A. Ciornei**, C. Schmidt, T. Sava, C. Mănăilescu, M. Ilie, L. Demay, V. Georgescu (2021) | From Gravettian to Epigravettian in the Eastern Carpathians: Insights from the Bistricioara-Lutărie III archaeological site, *Quaternary International* 587-588: 210-229. |
| **A. Ciornei**, W. Chu, I. Mariş, A. Doboș (2020) | Lithic raw material procurement patterns at the Upper Palaeolithic site of Românești-Dumbrăvița I (Southwestern Romania), *Dacia* 64: 67-122. |
| W. Chu, St. Pötter, A. Doboș, T. Albert, N. Klasen, **A. Ciornei**, J. Bösken, P. Schulte (2019) | Geoarchaeology and geochronology of the Upper Palaeolithic site of Temerești Dealu Vinii, Banat, Romania: Site formation processes and human activity of an open-air locality, *Quartär* 66: 111-134. |
| L. Moreau, **A. Ciornei**, E. Gjesfjeld, P. Filzmoser, S.A. Gibson, J. Day, P.R. Nigst, P. Noiret, R.A. Macleod, L. Niţă, M. Anghelinu (2019) | First Geochemical ‘Fingerprinting’of Balkan and Prut Flint from Palaeolithic Romania: Potentials, Limitations and Future Directions, *Archaeometry* 61 (3): 521-538. |
| **A. Ciornei** (2018) | The occurrence and availability of siliceous rocks around the Palaeolithic site of Bușag-Coasta Bușagului (Maramureș county, North-Western Romania), *Marmația* 15: 5-39. |
| **A. Ciornei,** I. Mariş (2018) | From the Lower Danube to the Middle Prut and across the Carpathians: long-distance raw material transfers during the Upper Palaeolithic, *Marmația* 15: 41-67. |
| A. Tuffreau, R. Dobrescu, **A. Ciornei**, L. Niţă, A. Kostek (2018) | Le Paléolithique supérieur de la basse vallée de la Bistriţa (Moldavie roumaine): nouvelles recherches, *L’Anthropologie* 122 (2): 129-165. |
| **A. Ciornei** (2017) | Upper Palaeolithic supply sources: assessing chert occurrence and availability in the Lower Danube Valley, *Materiale şi Cercetări Arheologice S.N.* 13: 129-154. |
| **A. Ciornei** (2016) | The saga of the astonishing 14C dates obtained on some ”wooden” objects from Grădinile and Măgura sites (Early Neolithic, southern Romania), *Studii de Preistorie* 13: 213-232. |
| **A. Ciornei** (2015) | On the so-called “Kriva Reka type” of Ludogorie chert: a petrographic perspective from the Upper Palaeolithic sites in the Giurgiu-Călăraşi area (southern Romania), *Studii de Preistorie* 12: 31-80. |
| **A. Ciornei** (2015) | Petrographic analysis of raw materials from Lespezi-Lutărie: implications for Upper Palaeolithic sites from the Middle and Lower Bistriţa Valley, *Materiale şi Cercetări Arheologice S.N.* 11: 43-79. |
| A. Tuffreau, R. Dobrescu, S. Balescu, **A. Ciornei** (2014) | Occupations du Paléolithique supérieur ancien dans la Plaine roumaine du Danube à Vădastra-Măgura Fetelor et à Ciuperceni-La Vii 1: industries lithiques, matières premières et déplacements, În: M. Otte, F. Le Brun-Ricalens (eds.), *Modes de contacts et de déplacements au Paléolithique eurasiatique*, Actes du Colloque international de la commission 8 (Paléolithique supérieur) de l’UISPP, Universite de Liège, 28-31 mai 2012, Ed. Musée National d’Histoire et d’Art/Centre National de Recherche Archéologique et Études et Recherches Archéologiques de l’Université de Liège, ArchéoLogiques 5 – ERAUL 140, Luxembourg et Liège: 279-302. |
| **A. Ciornei** (2014) | Microfacies analysis of cherts from Peştera-Dealu Guran site (Lower Palaeolithic), Constanţa county, Romania, *Pontica* 47: 497-518. |
| **A. Ciornei**, I. Mariş., B. Soare (2014) | Microfacies analysis of cherts in Upper Palaeolithic sites along the Lower Danube Valley (Romania), *Geo-Eco-Marina* 20: 137-169. |