



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **Ciprian Claudiu MÂNZU**
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Date of birth October 1975

Research Interests

Biology, Environmental Sciences: Botany, Floristic studies, Biodiversity conservation, Plant and vegetation ecology, Natura 2000 habitats, Climate change, Glacial and post-glacial relict plant species

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Work experience

Dates 2007 - present
Occupation or position held Lecturer
Main activities and responsibilities **Teaching, research**
Name and address of employer Alexandru Ioan Cuza University of Iași, Faculty of Biology, Department of Biology
Disciplines Plant Systematics; Forest Resources; Field Methods in Ecology; Habitats and Species of Community Interest
Type of business or sector Education and research
Dates 2000 – 2007
Occupation or position held assistant professor
Main activities and responsibilities **Teaching, research**
Name and address of employer Alexandru Ioan Cuza University of Iași, Faculty of Biology, Department of Biology
Type of business or sector Education and research
Dates 1998 – 2000
Occupation or position held biologist
Main activities and responsibilities research
Name and address of employer Alexandru Ioan Cuza University of Iași, Romania, “Anastasiu Fătu” Botanical Garden

Education 1999 – 2005 PhD Student, Doctoral Degree in 2005 (international classification ISCED 6), Alexandru Ioan Cuza University of Iași, Faculty of Biology (The diversity of flora and vegetation from the natural ecosystems from Moldovița River Basin)
1998 – 2000 Master degree – Plant Protection (international classification ISCED 5a - 2nd. qualification) - Alexandru Ioan Cuza University of Iași, Faculty of Biology
1994 - 1998 Bachelor Degree - Biology (international classification ISCED 5a - 1st. qualification) - Alexandru Ioan Cuza University of Iași, Faculty of Biology

Personal skills and competences

Mother tongue(s) **romanian**
Other language(s) **English**

Self-assessment <i>European level</i> (*) English	Understanding				Speaking				Writing	
	Listening		Reading		Spoken interaction		Spoken production			
	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user

(*) [Common European Framework of Reference for Languages](#)

Organisational skills and competences Head of the Department of Biology, Faculty of Biology, Alexandru Ioan Cuza University of Iași (2012-2016)

Technical skills and competences **graphics processing, word processing**

Computer skills and competences Microsoft Office software package (Word, Excel, Powerpoint), graphics processing software (Corel Draw, Adobe Photoshop)

Other skills and competences
Driving licence Driving License - B category

Scientific and research activities

Number of books and scientific papers Author or co-author of 4 scientific books/chapters in books; 3 courses and manuals of practical works; over 40 scientific papers

Scientific projects As team member in 11 national and 1 international projects

As independent researcher 5 national projects

October 2020

Books/ Chapters in books

- Sârbu I., Ștefan N., Ivănescu L., **Mânzu C.**, 2001. *Flora ilustrată a plantelor vasculare din Estul României*, Vol. I, II, Edit. Univ. „Al. I. Cuza” Iași: 781 p. + 354 pl., ISBN 973-9312-91-8.
- Chifu T., **Mânzu C.**, Zamfirescu O., 2006. *Flora și vegetația Moldovei (România)*, I, II, Edit. Univ. „Al. I. Cuza” Iași: 367 p.; 698 p.; ISBN 973-703-159-8; ISBN 973-703-160-1.
- Chifu T., Ștefan N., Zamfirescu O., **Mânzu C.**, Zamfirescu Ș., 2006. Forest communities floristically specific to Eastern Romania, În Gafta D., Akeroyd J. (eds.) – *Nature Conservation, Concepts and Practice*, Springer-Verlag Berlin Heidelberg: 169-180. ISBN 10 3-540-47228-2.
- Ion C., Stoleriu C., Baltag E., **Mânzu C.**, Ursu A., Ignat A., 2011. *Păsările și habitatele din zonele umede ale Moldovei*, Edit. Univ. „Al. I. Cuza” Iași: 290 p.; ISBN 978-973-640-660-7

Courses and manuals of practical works

- Ștefan N., Lupașcu A., Oprea A., **Mânzu C.**, 2001. *Botanică generală, Curs*, Edit. Univ. „Al. I. Cuza” Iași: 293 p.
- Chifu T., Zamfirescu O., **Mânzu C.**, Șurubaru B., 2001. *Botanică sistematică. Cormobionta*, Curs, Edit. Univ. „Al. I. Cuza” Iași: 535 p.
- Chifu T., **Mânzu C.**, Zamfirescu O., Șurubaru B., 2002. *Îndrumător pentru lucrări practice de Botanică sistematică. Cormobionta*, Edit. Univ. „Al. I. Cuza” Iași: 340 p.

Scientific papers in ISI journals (Web of Science)

- Truță E., Căpraru D., Roșu C.M., Zamfirache M.M., Olteanu Z., **Mânzu C.**, 2011. Morphometric pattern of somatic chromosomes in three Romanian seabuckthorn genotypes. *Caryologia*, 64, 2: 189-196.
- Roșu C.M., **Mânzu C.**, Olteanu Z., Oprică L., Oprea A., Ciornea E., Zamfirache M.M., 2011. Several Fruit Characteristics of *Rosa* sp. Genotypes from the Northeastern Region of Romania. *Not. Bot. Horti Agrobi.* 39, 2: 203-208.
- Mânzu C.**, Gherghel I., Zamfirescu Ș., Zamfirescu O., Roșca I., Strugariu A., 2013. Current and future potential distribution of glacial relict *Ligularia sibirica* (Asteraceae) in Romania and temporal contribution of Natura 2000 to protect the species in light of global change. *Carpathian Journal of Earth and Environmental Sciences*, 8, 2: 77-87.
- Chinan V., Fusu L., **Mânzu C.**, 2015. First record of *Inocutis tamaricis* in Romania with comments on its cultural characteristics. *Acta Bot. Croat.* 74, 1: 187-193. DOI: 10.1515/botcro-2015-0001.

- Oprică L., **Mânzu C.**, 2016. Antioxidants Content in *Empetrum nigrum* Fresh and Dried Fruits. Iranian Journal of Public Health, 45, 2: 263-265.
- Cișlariu A.G., **Mânzu C.C.**, Zamfirache M.M., 2018. Habitat requirements and germination performance of some relict populations of *Ligularia sibirica* (Asteraceae) from Romania. Plant Ecology and Evolution. 151, 3: 314-326.
- Mânzu C.C.**, Tomescu C.V., Cișlariu A.G., 2019. Present state of rare species *Ligularia glauca* in Northern Romania. Present Environment and Sustainable Development, 13, 2: 279-288. DOI: 10.2478/pesd-2019-0042.
- Cișlariu A.G., Ichim P., **Mânzu C.C.**, 2020. Long term changes of wetlands in the context of anthropic influences: the case of ROSCI0222 (North-Eastern Romania), Carpathian Journal of Earth and Environmental Sciences, 15, 1: 27-36; DOI:10.26471/cjees/2020/015/105
- Cișlariu A.G., **Mânzu C.C.**, Baltaș E.Ș., 2020. Which are the drivers that influence the performance of *Ligularia sibirica* populations from Romania?, Plant Biosystems - An International Journal Dealing with all Aspects of Plant Biology, DOI: 10.1080/11263504.2020.1756972

Other scientific papers, in peer-reviewed journals (non-ISI)

- Oprea A., **Mânzu C.**, 2000. Refacerea comunităților vegetale pe haldele de steril din Obcina Mestecănișului, Bul. Grăd. Bot. Iași, 9: 125-130.
- Ștefan N., Sârbu I., Oprea A., **Mânzu C.**, 2000. Contributions to the study of Romanian's vegetation (III), An. șt. Univ. "Al. I. Cuza" Iași, t. XLVI, s. II a, Biol. veget.: 127-131.
- Mânzu C.**, Chifu T., 2001. Contributions à l'étude de la végétation forestière du bassin de Moldovița (département de Suceava), Rev. Roum. Biol. – Biol. végét., 46, 2: 131-148.
- Chifu T., Ștefan N., Sârbu I., **Mânzu C.**, Șurubaru B., 2002. Nouvelles contributions à l'étude phytosociologique des forêts de Moldova, An. șt. Univ. "Al. I. Cuza" Iași, t. XLVIII, s. II a Biol. veget.: 103-118.
- Sârbu I., Ștefan N., Oprea A., **Mânzu C.**, 2003. *Trientalis europaea* L. într-o nouă localitate în Bucovina, Bul. Grăd. Bot. Iași, 11: 93-95.
- Chifu T., **Mânzu C.**, 2003. Asociații de pajiști din Bazinul Moldoviței (Jud. Suceava), Bul. Grăd. Bot. Iași, 11: 123-132.
- Mânzu C.**, Chifu T., 2003. Paludal associations from Moldovița river's area (Suceava county), An. șt. Univ. "Al. I. Cuza" Iași, t. XLIX, s. II a Biol. veget.: 189-194.
- Zamfirescu O., **Mânzu C.**, 2003. Comparative study of some plant communities of association *Festuco rubrae* – *Agrostetum capillaris* Horv. 1951 from Oriental Carpathians, An. șt. Univ. "Al. I. Cuza" Iași, t. XLIX, s. II a Biol. veget.: 195-204.
- Ștefan N., Sârbu I., **Mânzu C.**, 2003. Contributions to the study of vegetation from the Dranov and Belciug Lakes area (Danube Delta Biosphere Reserve) (I), Stud. și Cercet., Biologie, 8, Univ. Bacău: 68-71.
- Mânzu C.**, 2004. Contributions to the study of the vascular flora from the Moldovița River's area (Suceava county), Bul. Grăd. Bot. Iași, 12: 75-80.
- Mânzu C.**, 2004. The analysis of the vascular flora from the Moldovița's River basin (Suceava County), An. șt. Univ. "Al. I. Cuza" Iași, t. L, s. II a Biol. veget.: 79-88.
- Mânzu C.**, Chifu T., 2005. Asociații ale ordinului *Molinietalia caeruleae* W. Koch 1926 din bazinul Moldoviței (Județul Suceava), Mem. Secț. Șt., Ser. IV, XXVII (2004), Acad. Rom.: 151-166.
- Mânzu C.**, 2005. The *Festuco rubrae* – *Agrostietum capillaris* Horvat 1951 *genistetosum sagittalis* Coldea 1991 subassociation in Moldovița river's basin (Suceava county), An. șt. Univ. "Al. I. Cuza" Iași, t. LI, s. II a Biol. veget.: 115-122.
- Zamfirescu O., Chifu T., **Mânzu C.**, 2005. Phytocoenoses of the Class *Elyno* – *Seslerietea* Br.-Bl. 1948 from the Ceahlău Mountain, Stud. și Cerc., Biol., 10, Univ. Bacău: 129-135.
- Ștefan N., Sârbu I., **Mânzu C.**, 2006. Contributions to the study of vegetation from the Dranov and Belciug Lakes area (Danube Delta Biosphere Reserve) (II), Bul. Grăd. Bot. Iași, 13: 19-32.
- Mânzu C.**, Mânzu I., 2006. Aspects of Moldovița River's Basin vascular flora (Suceava county), Bul. Grăd. Bot. Iași, 13: 85-90.
- Zamfirescu O., Chifu T., **Mânzu C.**, 2007. Spruce forests from the Ceahlău Mountain, Rom. J. Biol. – Plant Biol., 49-50: 79-92, București.
- Ștefan N., **Mânzu C.**, Mardari C., 2007. Contributions to the study of saxicolous vegetation from Bicz Gorges (Eastern Carpathians), Rom. J. Biol. – Plant Biol., 51-52: 59-76, București.
- Mânzu C.**, Șurubaru B., Chifu T., 2007. The *Hieracio transsylvanici* – *Abietetum* (Borhidi 1971) Coldea 1991 association from the „Obcinele Bucovinei” territory, Rom. J. Biol. – Plant Biol., 51-52: 77-97, București.
- Zamfirescu O., Chifu T., Zamfirescu Șt., **Mânzu C.**, 2007. Contribution to the study of the plant associations from the sub-alpine plateau of the Ceahlău Mountain (I), An. șt. Univ. "Al. I. Cuza" Iași, t. LIII, s. II a Biol. veget.: 140-147.
- Chifu T., **Mânzu C.**, Zamfirescu O., 2008. Contribution to the study of grassy vegetation in the Ceahlău Mountain, An. șt. Univ. "Al. I. Cuza" Iași, t. LIV, 1, s. II a Biol. veget.: 94-102.
- Zamfirescu O., **Mânzu C.**, Chifu T., 2008. Contribution to the study of the ruderal vegetation from the Ceahlău Mountain, An. șt. Univ. "Al. I. Cuza" Iași, t. LIV, 2, s. II a Biol. veget.: 128-135.
- Zamfirescu O., Zamfirescu Ș.R., **Mânzu C.**, 2009. The diversity study of the ruderal associations of the Ceahlău Mountain, An. șt. Univ. "Al. I. Cuza" Iași, t. LV, 1, s. II a Biol. veget.: 133-138.

- Roșca I., **Mânzu C.**, 2011. Feeding ecology of knout goby (*Mesogobius batrachocephalus* Pallas, 1814) from the Romanian Black Sea (Agigea – Eforie Nord area), AACL Bioflux, 4, 2: 123-129.
- Mânzu C.**, Carmen Aoncioaie, 2011. On the presence of *Rosa micrantha* Borrer ex Sm. in Moldova (Romania). An. șt. Univ. "Al. I. Cuza" Iași, t. LVII, 1, s. II a Biol. veget.: 87-89.
- Truță E., Vochița G., Roșu C.M., **Mânzu C.**, Gheorghiu G., Rați I.V., 2011. Karyotype traits in *Rosa nitidula* Besser. An. șt. Univ. "Al. I. Cuza" Iași, s. II a Gen. Biol. Molec.: 12, 4:111-116.
- Roșu C.M., Olteanu Z., Truță E., Ciornea E., **Mânzu C.**, Zamfirache M.M., 2011. Nutritional value of *Rosa* spp. L. and *Cornus mas* L. fruits, as affected by storage conditions. An. șt. Univ. "Al. I. Cuza" Iași, s. II a Gen. Biol. Molec.: 12, 4:147-155.
- Cătănoiu S., Zamfirescu O., **Mânzu C.**, Deju R., Zamfirescu Ș., Gherghel I., 2012. Grazing capacity - a tool to establish potential habitats for the release of the european bison in "Vânători Neamț" Natural Park. An. Stiint. Univ. Al. I. Cuza Iasi, Sect. II a. Biol. veget., 58, 1: 99-110.
- Irimia I., **Mânzu C.**, 2013. *Iris pontica* Zapal. in Moldova's flora (Romania). An. Stiint. Univ. Al. I. Cuza Iasi, Sect. II a. Biol. veget., 59, 1: 45-51.
- Mardari C., Oprea A., **Mânzu C.**, Bârsan C., 2013. The dwarf shrubs communities within Loiseleurio-Vaccinietea Eggler ex Schubert 1960 from Romanian Eastern Carpathians. Journal of Plant Development, 20: 121-140.
- Bartók A., Irimia I., **Mânzu C.**, 2014. Chorology and new chorological data for *Astragalus corniculatus* M. Bieb. in Romania. An. Stiint. Univ. Al. I. Cuza Iasi, Sect. II a. Biol. Veget., 60, 1: 87-94.
- Chinan V., **Mânzu C.**, 2014. Macrofungal diversity of a peat bog from Dorna Depression (Eastern Carpathians, Romania). An. Stiint. Univ. Al. I. Cuza Iasi, Sect. II a. Biol. Veget., 60, 2: 43-52.
- Irimia I., **Mânzu C.**, 2018. *Ephedra distachya* L. subsp. *distachya* – Conservation status in phytocoenoses from Eastern Romania. An. Stiint. Univ. Al. I. Cuza Iasi, Sect. II a. Biol. veget., 64: 11-19.
- Chinan V., **Mânzu C.**, 2018. Distribution, Incidence and Severity of the Catalpa Powderi Mildew caused by *Erysiphe elevata* in North-Eastern Romania. Notulae Scientia Biologicae, 10, 4: 614-617.
- Mânzu C.C.**, Cișlariu A.G., 2019. *Ligularia sibirica* (L.) Cass. in Romania - an updated chorological checklist. An. Stiint. Univ. Al. I. Cuza Iasi, Sect. II a. Biol. veget., 65:13-43