



CURRICULUM VITAE: TEAM MEMBER¹

Name: LYUBENOVA MARIYANA IVANOVA (Family Name, First Name, Middle Name)	
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Education (University / High School, Faculty / Department, Course, Year of Graduation): University of Sofia „Ts. Kliment Ohridski”, Faculty of Biology, Biology- Ecology, 1978	
Honours/Titles/Qualifications (Organization, Title, Year of Award): University of Sofia „Ts. Kliment Ohridski”, Faculty of Biology, Department of Ecology and EP; Associate Profesor; 2000 r. - Department of Ecology and EP; Chief Assistant; 1993-2000 (I 784/29.06.1993) Department of Ecology and EP; Senior Assistant; 1989-93 (N 2325/27.04.1989) Department of Ecology and EP; Assistant; 1986-89 (N 4743/19.06.1986; 03.06.1986) Department of Ecology and EP; Biologist; 1981-86 Institute of Botany, BAS; PHD 1984-88 (N 18417/16.12.1988) University of Sofia „Ts. Kliment Ohridski”, Faculty of Biology, Department of Ecology and EP; Master; 1973-78 (N 085872/06.1978)	
Previous Experience (Organization, Position, Title, Dates): University of Sofia „Ts. Kliment Ohridski”, Faculty of Biology, Department of Ecology and EP; Associate Profesor; 2000 r. -	
Major Fields of Scientific Research (Keywords): phytoecology, primary production, energy flux, biological turn-over, dendrochronology, phytomonitoring, ecotoxicology, plant and vegetation protection	
Membership in Scientific and/or Professional Institutions, Bodies, and Organizations: Balkan Ecological Federation, Balkan Academy of Science and Culture, International Association of Vegetation Sciences (IAVS) Editorial Board of Journal of Balkan Ecology MC of COST Action ES 0805	

¹ Each team member is expected to supply their curricula vitae.



Professional and Scientific Awards:

Foreign Languages (Level of Proficiency): **Indicate level of competence using scale from 1 to 5 (where 1 is poor and 5 is excellent)**

Language	Reading	Speaking	Writing
English	4	3	4
Russian	5	4	4

International Experience (Country, Institution, Duration, Year):

References:

1. Prof. Dr Ivan Petkov
1. Prof. Dr Ilia Christov
2. Prof. Dr Elisaveta Bozilova

Principal Publications²:

Books before 2005:

Mirchev, C., M. Lyubenova, A. Chikalaniov, N. Simeonova. 2000. Dendrochronology – a short course. Pensoft PH, Sofia-Moscow, 198 p.

Lyubenova, M. 2004. Phytoecology. M. Drinov Akad. Publishing House, Sofia, 574 p.

Publications for the last 5 years:

Lyubenova, M. 2005. Self-government of biocoenoses and stability of ecosystems. Review of Biology, Ecology and Biotechnology № 2, 30-45.

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Dimitrova, V., M. Lyubanova, Sv. Bratanova-Doncheva, M. Chavdarova. 2005. Floristic investigations of chestnut (*Castanea sativa* Mill.) communities in the mountain Belasitsa. Annuire de l'Universite de Sofia "St. Kliment Ohridski", Part II, v.96, l. 4 – 10^{eme} Session Scientifique, Sofia' 03, 357-373.

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Asenova, A., M. Lyubanova, A. Bratoeva. 2005. Dendroecological investigations in reserve "Sokolata", Malashevska mountain. – In: Proceeding " First National Scientific Conference of Ecology - biodiversity, ecosystems, global changes", Sofia, 145-155.

Lyubanova, M., A. Asenova. 2005. Indicatory Significance of Early and Late Wood of *Pinus sylvestris* L. and *Pinus nigra* Arn. Located in Sofia Region, Bulgaria. Journal of Balkan Ecology, vol. 8, N 1, 47-55.

Lyubanova, M. 2005. Yew (*Taxus baccata* L.) - tree of life or tree of death. Review of Biology, Ecology and Biotechnology № 3, 12-23.

Lyubanova, M. 2005. Chestnut – Importance and state of communities. Review of Biology, Ecology and Biotechnology № 4, 28-43.

Lyubanova, M. 2005. *Juniperus communis* in Bulgaria – state and significance of its communities. Review of Biology, Ecology and Biotechnology № 6, 14-20.

Lyubanova, M. 2005. 30 years Department of Ecology and Invironmental Protection. Review of Biology, Ecology and Biotechnology № 1, 17-24.

Bratanova-Dontcheva, Sv., V. Dimitrova, M. Lyubanova, Sv. Mihajlov. 2005. Ecological characteristics, Distribution and Management of *Castanea sativa* Mill. ecosystems in Bulgaria, *III International Chestnut Congress, Chaves, Portugal, Acta Horticulturae, special issue*,355-367.

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Любенова, М., Н. Николов, С. Братанова-Дончева, Т. Недялкова. 2006. Фитоекологично изследване на *Picea abies* (L.) Karst. от Западна Стара планина – биосферен резерват "Чупрене". – В: Годишник на Шуменския у-т "Епископ К. Преславски", т. XIV В4 Природни науки, Унив. Издателство "Епископ К. Преславски", 89-102.

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Братанова-Дончева, М. Любенова. (in press). 9260 Кестенови гори.-В: Червена книга на хабитатите в България.



Любенова, М. (in press). 9260 *Castanea sativa* woods.-В: Природозащитно състояние (БПС) на природни местообитания на ниво зона.

Mirchev, S., M. Lyubanova, A. Shikalanov, V. Dimitrova, S. Bratanova-Doncheva. (in press). Dendrochronological assesment of risk for Impacts of Climate Change on chestnut communities in Bulgaria. – In: Proceedings of the 1st European Congress and the 5th Italian Congress on Chestnut “Castanea 2009: Food, Timber, Biomass & Energy in Europe”, October 13th -16th 2009.

Lyubanova, M., Sv. Bratanova - Doncheva, V. Dimitrova, M. Grozeva (in press). Main characteristics of biological turn-over in *Castanea sativa* Mill. communities from Belasitza mountain, Bulgaria. –In: Proceedings of the 1st European Congress and the 5th Italian Congress on Chestnut “Castanea 2009: Food, Timber, Biomass & Energy in Europe”, October 13th -16th 2009.

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IEDA PROJECT: Integrated environmental diagnosis and assessment: Ecological systems at risk in Bulgaria-Montana and coastal forest communities (funded by European Scientific Fund, 1997-2000).

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Institutional

025/2009 UFNI - Investigations about connection between production and energetic level of water state in *Zea mays* L. agroecosystem at the conditions of “Dragalevtzi” Study – Experimental Base(funded by University of Sofia Scientific Fund, 2009 – 2010).

PUDOOS/2006-2008: Red Book of Bulgaria, т. 3, Natural habitats. N. Chipev (Vice Editor)

3358/1997/ University of Sofia Scientific Fund (UFNI) - Ecological assessment of the *Juniperus excelsa* L. state in “Tisata” Reserve and the influence factors on the species decline(funded by University of Sofia Scientific Fund, 2001 – 2002).

3357/1997 UFNI - Investigations about biological active substance in the *Chenopodium botrys* phytomass and ecological factors(funded by University of Sofia Scientific Fund, 2001 – 2002).

3356 НИС/1997 UFNI - Ecological assessment of the f. *Piceeta excelsa* L. state and the influence factors on the Norway spruce decline in the “Tchuprene” Biosphere Reserve, Western Balkan Mountains(funded by University of Sofia Scientific Fund, 2001 – 2002).

3180 НИС/1997 UFNI - The phytoecological investigations of the relict ecosystem in the region "Boishte" in the Western Balkan Mountains (1997 – 1998).

1172-1992/94 NFNI - The complex ecological and nature-protect ional investigation about biotopes and biocoenoses of natural and agricultural ecosystems in the region of Etropole district(funded by Etropole Municipality, Ministry of regional development, 1992 – 1994) .

Б-213-1992/96 NFNI - The complex investigations about the structure and functions of the xerophytes (forest) ecosystem in Bulgaria (funded by Bourgas Municipality, Ministry of regional development, 1992 – 1994).