

PERSONAL INFORMATION

Lilyana Markova Koleva



 Sofia, Bulgaria

 +359887283710

 liljanamarkova@abv.bg

 www.ltu.bg

Sex female | Date of birth 11/04/1970 | Nationality Bulgarian

WORK EXPERIENCE

2017 - Assoc. Professor

University of Forestry, Sofia, Bulgaria

- Lectures and tutorials: plant protection, plant nematology, Education, Plant Protection

October 2009 -2017 Assist. Professor

University of Forestry, Sofia, Bulgaria

- Lectures and tutorials: plant protection, plant nematology, agricultural and forest entomology

Education, Plant Protection

September 2007- October 2009 Researcher

Institute of Plant Physiology and Genetics-Bulgarian academy of sciences

- Laboratory and field experiments in wheat

Applied Genetics and Plant Biotechnology

February 2004- April 2007 Senior Expert in Entomology

National Service for Plant Protection, Bulgaria

- Identification of insect pests and monitoring

Plant Quarantine

2001- 2003 (6 months) Project assistant

Institute of Plant Pathology and Plant Protection; Georg-August University, Goettingen, Germany

- Laboratory and field experiments in wheat and oilseed rape

Department for Crop Sciences, Section of Agricultural Entomology

1998- 2000 (9 months) Project assistant

KWS SAAT AG Einbeck, Germany

- Laboratory experiments in plant breeding

Plant Breeding and Seed Source Genetics

EDUCATION AND TRAINING

November 1997- July 2002 Magister Scientiarum agrariorum (Mag. sc. agr.)

Institute of Plant Pathology and Plant Protection, Georg-August University, Goettingen, Germany

- Agricultural Entomology, Magister Thesis: "Interactions of Collembola with *Pseudomonas fluorescens* in the suppression of the sugar beet seedling disease caused by *Pythium ultimum*"

November 1997 - July 2000 PhD (2007)

Plant Protection Institute, Kostinbrod, Bulgaria

- Plant protection, entomology, PhD Thesis: "New methods for control of insect pests in stored products"

October 1988 – March 1994 Dipl. Ing. Agrar

Faculty of Plant Protection and Plant Ecology, Agricultural University in Plovdiv, Bulgaria

- Plant protection

1992 Teacher of agronomy

Higher Agricultural Institute - Plovdiv, Free Faculty

- Teaching qualification

PRACTICAL TRAINING

2004-2006 (1 months)

Laboratoire de la santé des végétaux [Plant Health Laboratory] Unité entomologie et plantes invasives, Montpellier, France

- Identification methods of insect species

May-August 1997 (3 months)

NOVARTIS AG, Basel, Switzerland

- Field and greenhouse experiments, testing of pesticides, diagnosis of pests and diseases

September - November 1994
(2 months)

BASF AG, Ludwigshafen, Germany

- Field and greenhouse experiments, soil sampling for analysis, identification of weeds, diseases and pests on crops

June - August 1992 (3 months)

Biologische Bundesanstalt für Land- und Forstwirtschaft, Institute of Stored Product Protection, Berlin; TEMPUS Programme

- Control of stored-product insects

PERSONAL SKILLS

Mother tongue(s)

Bulgarian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
German	C2	C2	C2	C2	C2
Hochschulzugang (DSH) 29.09.1998					
English	B1	B2	B1	B1	B2
1999-2003 Language Learning Center of Georg-August University, Goettingen, Germany.					
Russian	C2	C2	B2	B2	B2
1979-1992- School and University					

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Self-assessment grid	Self-assessment grid	Self-assessment grid	Self-assessment grid	Self-assessment grid

- MS Office, SPSS 10 and SYSTAT 10 for Windows

Membership in professional organizations

- "EUCARPIA";
- Deutsche Phytomedizinische Gesellschaft e.V., Germany
- International Society for Horticultural Sciences (ISHS) etc.

Driving licence B, M

ANNEXES

- copies of diplomas and certificates;
- list of publications and participation in scientific forums
- list of participation activities in scientific and research/development projects

SELECTED SCIENTIFIC PUBLICATIONS
1999-2018
Lilyana Markova Koleva

ISSUED BOOK CHAPTERS

- 1(1). Koleva, L. 2012: Nepriyateli po lozata.// Naručnik na predpriemacha v traĩnite nasazhdeniya. Izdatelstvo Intel Eltrans, Sofiya, 278-282. (Bg)
- 2(2). Koleva, L. 2012: Bolesti pri sũkhranenie na presni plodove.// Naručnik na predpriemacha v traĩnite nasazhdeniya. Izdatelstvo Intel Eltrans, Sofiya, 124-127. (Bg)

PUBLICATIONS IN SCIENTIFIC JOURNALS

Publications in Journals with impact factor (IF) or impact rang (SJR)

- 3(1). Tsołova E., **Koleva L.**, S. Kalcheva, 2017: Control and management of plant-parasitic nematodes in integrated production of garden strawberries (*Fragaria ×ananassa* Duchesne ex Rozier). Proceedings of the Latvian Academy of Sciences, Section B, 71,(3), 225-228. (En) SJR (2017)= 0,127.
- 4(2). Ganeva, G., Landjeva, S., Belchev, I., L. **Koleva**. 2014: Characterization of two wheat doubled haploid populations for resistance to common bunt and its association with agronomic traits. Cereal Research Communications, 42(3), 484-494. (En) IF 2015/2016: 0.528.
- 5(3). Koleva, L., Ulber, B., & Wolf, G. A. 2014: Studies on the Effect of Collembola Species *Onychiurus Fimatus* Gisin (*Onychiuridae*) and *Folsomia candida* Willem (*Isotomidae*) on the Infection of Sugar Beet with *Pythium ultimum* Trow. Comptes Rendus De L Academie Bulgare Des Sciences, 67(6), 815-820. (En) IF 2015/2016: 0,233.
- 6(4). Koleva L., B. Ulber, G. A. Wolf, 2009: The influence of Collembola on the dissemination and antagonistic effect of *Pseudomonas fluorescens* against *Pythium ultimum* in soil. Biotechnol. & Biotechnol. EQ. 23/2009/SE, 293-296. (En) IF 2010: 0.503.
- 7(5). Koleva L., Ulber B., G. A Wolf. 2008: Interactions of Some Species of Collembola with *Pseudomonas fluorescens* and their Antagonistic Influence on *Pythium ultimum* on Sugar Beet. Acta Zoologica Bulgarica, 60 (3), 295-303. (En) IF 2010: 0.269.
- 8(6). Mateeva A., L. **Koleva**, 2003: Using potential of crude leaves power of basil, lavender and wormwood as methil-bromide alternative against some storage pests. Journal of Environmental Protection and Ecology 4, No 2, 398-400. (En) SJR (2002-2009)= 0,03.

Publications in international journals indexed with INDEX COPERNICUS (IC)

- 9(1). Tsołova, E., L. **Koleva**, 2015: Species composition of plant parasitic nematodes *Pratylenchus spp.* in conventional and organic production of raspberries. Scientific Papers-Series B, Horticulture, (59), 109-113. (En). ICV 2015: 72.68.

PUBLICATIONS IN REFEREED JOURNALS

Publications in refereed international journals

- 10(1).** Koleva, L., Tsoleva, E., & Naidenova, T. (2017). Monitoring of potato cyst nematodes (*Globodera* spp.) in Southwest Bulgaria. *Journal of Agricultural, Food and Environmental Sciences*, 71, (2) 92-95. (En)
- 11(2).** Koleva, L., Yordanova, M., & Dimitrov, G. (2017). Collembola Communities in Different Compost Types as Bioindicator of Substrate Quality. *Journal of Tekirdag Agriculture Faculty Year 2017-The Special Issue of 2nd International Balkan Agriculture Congress*, May 16-18, 2017, 1-6. (En)
- 12(3).** Tsoleva E., **Koleva L.**, S. Kalcheva, (2017): Effects of different organic fertilization on the community structure of plant parasitic nematodes in organic raspberry production. *Integrated Protection of Fruit Crops; IOBC-WPRS Bulletin Vol. 123*, 201 pp. 219-227. (En)
- 13(4).** Koleva L., E. Tsoleva, 2016: Population Structure of Free-Living and Plant-Parasitic Nematodes in Strawberry Plantations under Organic Farming Conditions. *Acta Horticulturae* 1139: III Balkan Symposium on Fruit Growing, 745-752. DOI:10.17660/ActaHortic.2016.1139.127. (En)
- 14(5).** Koleva, L., M. Yordanova & E. Tsoleva, 2015: Nematode Communities as Indicators of Compost Maturity and Quality. *Международный Научный Институт "Educatio", Ежемесячный научный журнал*, XI (18), 2015, 129-132. (En)

Publications in referenced Bulgarian scientific journals

- 15(1).** Tsoleva E., **L. Koleva**, 2016: Effects of Organic Fertilization on the Community Structure of Plant-Parasitic Nematodes in Strawberry Plantations under Organic Farming Conditions. *Journal of Mountain Agriculture on the Balkans*, vol. 19, 3, 173-183. (Bg) (En)
- 16(2).** Petrova P., **L. Koleva**, E. Tsoleva, M. Yordanova, 2015: Influence of the composting process on nematodes in the soil substrate. *J. BioSci. Biotechnol.* 2015, SE/ONLINE, 313-317. (En).
- 17(3).** Tsoleva, E., **L. Koleva**, 2015: Ecological Characteristics of Plant Parasitic Nematodes in Conventional and Organic Production of Raspberries, *Journal of Mountain Agriculture on the Balkans*, 18, 4, 727-739. (Bg/En)
- 18(4).** Markova L, E. Tsoleva, B. Kokudev, 2014: Vliyanie na techniia korenov biostimulator Fertiacetyl®GZ vŭrkhu povredite po domati, prichineni ot galovi nematodi (*Meloidogyne* spp.). *Rasteniievŭdni nauki*, 2-3, 97-101. (Bg)
- 19(5).** Markova L., Tsoleva E., N. Ŗonchev, 2013: Vidov sŭstav na migrirashti fitonematodi pri konventsionalno i biologichno proizvodstvo na malini. *Acta Entomol. Bulg.* 1-2/2013, 92-100. (Bg)
- 20(6).** Markova L., B. Kokudev, 2013: Vliyanie na techniia korenov biostimulator Fertiacetyl® GZ i na nematotsida Vydate® 10G pri domati, zarazeni s galovi nematodi (*Meloidogyne* spp.). *Nauchni trudove na Rusenskiia universitet - 2013*, tom 52, 31-35. (Bg)
- 21(7).** Markova L., G. Dimitrov, 2012: Populatsionna plŭtnost i dinamika na nyakoi vidove ot razred Collembola pri razlichni pochveni tipove i zemedelski kulturi. *Acta Entomologica*

Bulgarica., 116-127. (Bg)

22(8). Koleva L., G. Dimitrov, G. Kolev, 2010: The Influence of Collembolans on Conidia Formation and Spread of *Fusarium oxysporum* Schltdl. of Cucumber and of Tomato Plants. Scientific Works- Agricultural University Plovdiv. Volume LV, Book 2, 65-70. (En)

23(9). Koleva L., G. Ganeva, 2009: Prouchvaniya vŭrkhu zhizneniya tsikŭl na zŭrnoviya molets *Sitotroga cerealella* Oliv. (Lepidoptera: Gelechiidae) pri izkhranvane s razlichni genotipove pshenitsa (*Triticum aestivum* L.). Rastenievŭdni nauki, 2, 130-134. (Bg)

22(10). Koleva L., B. Ulber, G. A. Wolf, 2008: Feeding preferences of the collembolans *Onychiurus fimatus* Gisin and *Folsomia candida* Willem with interaction with *Pseudomonas fluorescens* in the suppression of the sugar beet seedling disease caused by *Pythium ultimum* Trow. Ecological engineering and environment protection, 2-3, 99-102. (En)

Publications in non-refereed journals scientific journals

24(1). Dimitrov G., L. Koleva, M. Teokharov, 2016: Mikrobiologichna i enzimna aktivnost na Chervenotsvetnite pochvi ot severoiztochnata chast na Sofiiskiia raŭon. Science&Technologies. Science and technologies: Volume VI, 6: AGROBIOLOGICAL SCIENCE. 20-24. (Bg)

26(2). Koleva M. Lilyana. 2013: Effect of Synthetic Pyrethroid Lambda-Cyhalothrin on Population Dynamics of Cereal Aphids and Aphid Predators (Coleoptera: Coccinellidae) in Winter Wheat. Journal of International Scientific Publications: Agriculture Food, Volume 1, Part1, 296-304. (En).

27(3). Koleva L., K. Reŭkhmut. 2006: Vliyanie na niskite temperaturi vŭrkhu zhiznesposobnostta na yaŭtsata na siviya brashnen molets (*Ephestia kuehniella* Zeller). Godishnik na Shumenskiya universitet "Episkop Konstantin Preslavski", "Prirodni nauki", Vol. XVI B4, 268-275. (Bg)

PUBLICATIONS IN PROCEEDINGS OF SCIENTIFIC FORUMS

Publications in the proceedings of international scientific forums

28(1). Koleva, L., & Y. Zhelezov, 2017: Effect of winter oilseed rape cultivars on the population density of pollen beetle (*Meligethes aeneus* F.) in Bulgaria. PROCEEDINGS, 52nd CROATIAN AND 12th INTERNATIONAL SYMPOSIUM ON AGRICULTURE, February 12-17, 2017, Dubrovnik, Croatia, 347-351. (En)

29(2). Koleva L., S. Landjeva, E. Tsoleva, K. Ivanov, 2015: Screening for Antixenosis Resistance of Winter Wheat Genotypes to Cereal Leaf Beetles (*Oulema* spp.). BOOK OF PROCEEDINGS, Sixth International Scientific Agricultural Symposium "Agrosym 2015", Jahorina, October 15 -18, 2015, 831-837. (En)

30(3). Markova L., N. Tomchev, 2013: Seasonal dynamics of cereal aphids and predators on various wheat genotypes *Triticum aestivum* L.). Proceedings in Global Virtual Conference, April, 8. - 12, 669-673. (En)

31(4). Koleva L., G. Ganeva, 2011: Effect of Food Source on the Biology of Angoumois Grain Moth *Sitotroga cerealella* Olivier (Lepidoptera: Gelechiidae) when Feeding on Various

Wheat Genotypes (*Triticum Aestivum* L.). Agrisafe Final Conference - March 21-23, 2011, Budapest, Hungary, 82-85. (En).

32(5). Markova L., A. Mateeva, Stefan Vidal, M. Ivanova. 2003. Study the effectiveness of dichlorophos insecticides for control of the fruit moth (*Plodia interpunctella* Hbn. (Lepidoptera: Pyralidae) in grain stored in bulks. In Proceedings of the 2nd International Conference on "Ecological Protection of the Planet Earth", 5 – 8 June 2003, Sofia, Bulgaria, 261 – 265. (En) www.sicv2003.org.

Publications in the proceedings of national scientific conferences

33(1). Dimitrov. G., E. Tsoleva, L. Koleva, 2016: Mikrobiologichna kharakteristika na pochvi pri razlichni agroekosistemi. Sbornik dokladi, III - Mladezhki forum po zemedelie, 96-100. (Bg)

34(2). Markova L, G. Kolev, E. Tsoleva. 2012: Interaction of *Meloidogyne arenaria* with *Fusarium oxysporum* f. sp. *radicis-lycopersici* on Red Pepper Plants. Seminar of Ecology-2012, April 26-27 Sofia, Proceedings and Abstracts, 26-33. (En)

35(3). Koleva L., G. Dimitrov, E. Myanushev. 2011: Abundance and Dynamics of Some Species of the Order Collembola in Various Soil and Crops. Seminar of Ecology-2011 Sofia, Proceedings and Abstracts, 62-63. (En)

36(4). Koleva L., A. Atanasov, B. Ulber. 2009: Side effects of some plant protection products used in wheat fields on survival of beneficial soil insects of order Collembola. Seminar of Ecology-2009 Sofia, *Proceedings*, 233-238. (En).

POPULAR SCIENCE PUBLICATIONS

37(1). Tsoleva E., **Markova L.**, 2018. Ne podtsenyavaite mokritsite i nematodite. Rastitelna zashtita, № 5, s. 32-33. (Bg)

38(2). Tsoleva E., **Markova L.**, 2018. Koi nepriyateli atakuvat yagodata i malinata. Rastitelna zashtita, №3,s. 24-28. (Bg)

39(3). Markova, L. 2002: Vŭglerodniyat dioksid pod nalyagane- alternativa v borbata sreshu siviya brashnen molets i moletsa po sushenite plodove. Rastitelna zashtita, XL № 1, s. 24-25. (Bg)

40(4). Markova, L. 2000: Mozhem li da opazim skladiranite produkti bez khimiya? Rastitelna zashtita, № 3, s. 11. (Bg)

41(5). Markova, L. 1999: Opazvane na skladiranite produkti i materiali po nekhimichen pŭt. Agrokompas, № 11-12, s. 28-29. (Bg)

PhD-THESIS AND PUBLICATIONS

PhD-Thesis: "New methods to control of storage pests"

42(1). Koleva L. 2011: Vliyanie na modifitsiranite atmosferi, bogati na vŭgleroden dioksid, vŭrkhu kachestvoto na skladiranoto zŭrno. Rastenievŭdni nauki, 3, 316-319. (Bg)

43(2). Koleva L. 2005: Opredeľyane efektivnostta na razlichni kontrolirani gazovi sredi, izpolzvani za borba s moletsa po sushenite plodove *Plodia interpunctella* Hübner i siviya brashnen molets *Ephestia kuehniella* Zeller (Lepidoptera, Pyralidae). Acta Entomologica Bulgarica., XI, 2005, N 1-2, 16-25. (Bg)

44(3). Koleva L., S. Vidal, K. Reïkhmut. 2005: Vŭgleroden dioksid pod nalyagane i fizichnite parametri na sredata za borba s moletsa po sushenite plodove *Plodia interpunctella* Hübner i siviya brashnen molets *Ephestia kuehniella* Zeller (Lepidoptera, Pyralidae). Nauchna konferentsiya s mezhdunarodno uchastie, St. Zagora: 2-3 yuni, tom II-Rastenievŭdstvo, 296-303. (Bg)

45(4). Markova, L. 2005: Opredeľyane efektivnostta na obgazyavaniyata s azot (N₂) i vŭgleroden dioksid (CO₂) na skladovi pomeshteniya sreshtu moletsa po sushenite plodove *Plodia interpunctella* Hübner i siviya brashnen molets *Ephestia kuehniella* Zeller (Lepidoptera, Pyralidae). Agraren universitet – Plovdiv, Nauchni trudove, t. L, 6, 2005. (Bg)

46(5). Markova, L. 2001: Carbon dioxide under high pressure as an alternative in *Ephestia kuehniella* (Zeller) and *Plodia interpunctella* (Hübner) (Lepidoptera, Pyralidae) control. - Bulg. J. Agric. Sci., 7, 285-289. (En)

Published summaries of international scientific forums

1. Tsołova E., **Koleva L.**, S. Kalcheva, 2016: Effects of different organic fertilization on the community structure of plant parasitic nematodes in organic raspberry production. 9th International Conference on Integrated Fruit Production, September 4-8, 2016, Thessaloniki, Greece. 174.

2. Tsołova E., L. **Koleva**, 2016: *Bibio marci* L. (Diptera: Bibionidae): as a new insect pest of raspberry plantations in West Bulgaria. In: Innovations in Professional Practice within Forestry & Arboriculture 6–7th September 2016 Brno, Czech Republic. Abstract and Paper Proceedings, 36.

3. Tsołova E., **Koleva L.**, S. Kalcheva. 2016: Control and management of plant-parasitic nematodes in integrated production of garden strawberries (*Fragaria ×ananassa* Duchesne ex Rozier). 3rd international scientific conference „Sustainable fruit growing: from plant to product” Riga–Dobele (Latvia), 17–18 August 2016. RPD Abstracts 2, 52.

4. Koleva L. 2015: Effects of Organic Fertilization on the Population Structure of Plant-Parasitic Nematodes in Strawberry Plantations under Organic Farming Conditions. In: Organic Innovation Days, 1& 2 December 2015, Brussels. 6, <http://www.tporganics.eu/>.

5. Koleva L. 2012: Population dynamics of cereal aphids and predators in winter wheat genotypes, Pensoft, 66-67. SIXTH EUROPEAN HEMIPTERA CONGRESS June 25-29, 2012, Blagoevgrad, Bulgaria. (En).

Issued teaching aids

Колева, Л. 2017: „ПРАКТИЧЕСКО РЪКОВОДСТВО ПО РАСТИТЕЛНА НЕМАТОЛОГИЯ – I ЧАСТ“, Издателство: Интел Ентранс, София; ISBN: 978-954-2910-67-1; 116 стр.

Koleva, L. 2017: "PRACTICAL GUIDE IN PLANT NEMATOLOGIY - PART I",
Publishing house: Intel Entrance, Sofia; ISBN: 978-954-2910-67-1; 116 pp.