

Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) Christa Lethmayer
 Address(es) Spargelfeldstraße 191, A-1220 Vienna, Austria
 Telephone(s) ++43-(0)-50555-33311
 E-mail christa.lethmayer@ages.at
 Nationality Austrian
 Date of birth 25.12.1965
 Gender Female



Work experience

Dates	July 2012 – ...: Research Scientist and Vice Head of Department; Department for Plant Health in Fruit Crops, Viticulture and Special Crops; Institute for Sustainable Plant Production, Austrian Agency for Health and Food Safety (AGES) (Austria) June 2002 – July 2012: Research Scientist and Vice Head of Department (since 09/2003), Department of Horticultural Entomology and Nematology, Institute for Plant Health, AGES Sept. 1995 – 2002: Research Scientist; Department of Pests and Diseases of Vegetables and Ornamentals (1995-1999), Department of Horticultural Entomology and Nematology (1999-2002), Institute for Plant Protection, Federal Office and Research Centre for Agriculture (BFL) (Austria)
Occupation or position held	Vice Head of Department for Plant Health in Fruit Crops, Viticulture and Special Crops Research entomologist
Main activities and responsibilities	Diagnostics and identification of insects, mainly of fruit pests including invasive alien species, monitoring activities, studies on biology of pests and integrated plant protection management; research project coordination and implementation
Name and address of employer	Austrian Agency for Health and Food Safety (AGES) Institute of Sustainable Plant Production Department for Plant Health in Fruit Crops, Viticulture and Special Crops Spargelfeldstrasse 191 A-1220 Vienna
Type of business or sector	Public

Education and training

Dates	09/1984-02/1996: Study of Biological Sciences (Zoology), University of Vienna (Austria) 1992: Master of Science (Biology, Zoology) 1996: Doctor (Zoology, Entomology and Agriculture)
Title of qualification awarded	Master of Science (Magister rer. nat.) Doctor rer. nat. Diploma thesis title: Einfluß der Beweidung auf die Arthropodenfauna der Feuchtwiesen im Seewinkel (Burgenland) Doctor thesis title: Effects of sown weed strips on pest insects

Name and type of organisation providing education and training	University of Vienna (Austria) University of Berne (Switzerland) (doctoral thesis related stay)																										
Further education	Morphological identification of aphids (Homoptera: Aphidina) (Germany, 1994) Morphological and molecular identification of quarantine <i>Liriomyza</i> spp. (Diptera: Agromyzidae) (Norway, 2005) Morphological identification of quarantine plant-parasitic nematodes (Nematoda) (Germany/Vienna, 2005) Morphological identification of non-European quarantine fruit flies (Diptera: Tephritidae) (Great Britain /Vienna 2007) Morphological identification of non-European quarantine scale insects (Hemiptera: Coccoidea) (Great Britain/Vienna, 2008) COST-Training "Workshop for psyllid identification" (Hemiptera: Psylloidea) (Germany, 2010) Internal AGES-training courses for quarantine insects and mites (Vienna, 2009-2010): Curculionidae, Chrysomelidae, Scarabaeidae, Tortricidae, Tineidae, Noctuidae, Thysanoptera, Coccina, Cicadina, Aleurodina, Tetranychidae, Eriophyidae																										
Personal skills and competences																											
Mother tongue(s)	German																										
Other language(s)																											
Self-assessment																											
European level (*)																											
English	<table><tr><th colspan="2">Understanding</th><th colspan="2">Speaking</th><th colspan="2">Writing</th></tr><tr><td colspan="2">Listening</td><td colspan="2">Reading</td><td colspan="2">Spoken interaction</td><td colspan="2">Spoken production</td><td colspan="2">Writing</td></tr><tr><td></td><td>C1</td><td></td><td>C1</td><td></td><td>C1</td><td></td><td>C1</td><td></td><td>C1</td></tr></table>	Understanding		Speaking		Writing		Listening		Reading		Spoken interaction		Spoken production		Writing			C1		C1		C1		C1		C1
Understanding		Speaking		Writing																							
Listening		Reading		Spoken interaction		Spoken production		Writing																			
	C1		C1		C1		C1		C1																		
	(*) Common European Framework of Reference for Languages																										
Social skills and competences	Project leader of several national research projects and WP-leader of international research projects. Team work in various types of national and international research teams. Organization of national and international meetings Consulting and education activities for national phytosanitary inspectors Internal AGES-training courses for quarantine insects Guide in the Natural History Museum Vienna (during years of study)																										
Organisational skills and competences	WP-leader of international research projects Organization of national and international meetings																										
Technical skills and competences	Expertise in fruit crop pests and phytosanitary pests; taxonomy and determination of insects; knowledge in IPM																										
Computer skills and competences	Competence with most Microsoft Office programs																										
Other skills and competences	teaching experience as trainer of phytosanitary inspectors																										
Driving licence	Category B																										
Key competences	Diagnostics and identification of insects, mainly of fruit insect pests including invasive alien species																										

Specific international experience

1996 - onwards: participation and presentations on international conferences and international project meetings
2002 -: Member of the IOBC/WPRS Working Group "Integrated Plant Protection in Fruit Crops" (IOBC = International Organisation for Biological and Integrated Control of Noxious Animals and Plants)
Nomination as Austrian expert for the EPPO-panel "Invasive Alien Species" (2005, 2006)
EPPO Workshop on Eradication, Containment and Contingency planning, Treviso, Italy (26.-28.10.2010)
Staff member of EURL for Insects and Mites
Staff member of Austrian NRL for Insect and Mites; responsible for Entomological Reference Collection

Additional information

List of selected publications

Selected publications

- Lethmayer, C., Nentwig, W., Frank, T. (1997): Effects of weed strips on the occurrence of noxious coleopteran species (Nitidulidae, Chrysomelidae, Curculionidae). - J. Plant Dis. Prot. 104 (1), 75 - 92.
- Zulka, K. P., Milasowszky, N., Lethmayer, C. (1997): Spider biodiversity potential of an ungrazed and a grazed inland salt meadow in the National Park „Neusiedler See - Seewinkel“ (Austria): implications for management (Arachnida: Araneae).- Biodiversity and Conservation 6: 75-88.
- Nentwig, W., Frank, T., Lethmayer, C. (1998): Sown weed strips: Artificial ecological compensation areas as an important tool in conservation biological control. In: Barbosa, P. (Ed.): Conservation biological control. - Academic Press, San Diego, 133-153.
- Lethmayer, C. (1998): Occurrence of aphids in an agricultural area with sown weed strips. - In: Nafria, J. M. N. & Dixon, A. F. G.: Proceedings of the V. International Symposium on Aphids: Aphids on natural and managed ecosystems, 601 – 608.
- Lethmayer, C. (2000): Herbivore – Förderung von Schädlingen. In: Nentwig, W. (Hrsg.): Streifenförmige ökologische Ausgleichsflächen in der Kulturlandschaft: Ackerkrautstreifen, Buntbrache, Feldränder. – Verlag der Agrarökologie Bern – Hannover, 127 – 135.
- Traxler, A., Gaugitsch, H., Heissenberger, A., Frank, G., & Lethmayer, C. (2001): Ecological monitoring of genetically modified organisms. - UBA-Monographien Band 147, pp. 87.
- Traxler, A., Gaugitsch, H., Heissenberger, A., Frank, G. & Lethmayer, C. (2001): Ecological monitoring of genetically modified organisms. - In: UBA Berlin: EU-Workshop: Monitoring of environmental impacts of genetically modified plants. Texte 45/01: 79 – 84.
- Lethmayer, C. & Rabitsch, W. (2002): Pflanzenläuse (Sternorrhyncha). – In: Essl, F. & Rabitsch, W. (Hrsg.): Neobiota in Österreich. – Umweltbundesamt, Wien, 316 – 323.
- Lethmayer, C. (2002): The parasitism of the horsechestnut leafmining moth (*Cameraria ohridella*) in Austria. – In: Melika, G. & Thuroczy, C. (Eds.): Parasitic wasps: Evolution, Systematics, Biodiversity and Biological Control. – Agroiinform, Budapest, 400 – 404.
- Lethmayer, C. (2003): Über 10 Jahre *Cameraria ohridella* (Gracillariidae, Lepidoptera) – neue Nützlinge? – Entomologica Austriaca 8, 3 - 6.
- Lethmayer, C., Hausdorf, H. & Blümel, S. (2004): The first field experiences with sex-aggregation pheromones of the strawberry blossom weevil, *Anthonomus rubi*, in Austria. – In: Linder, C. & Cross, J. (Eds.): Integrated Plant Protection in Fruit Crops –Soft Fruit. – IOBC wprs Bulletin Vol. 27 (4), 133 – 139.
- Lethmayer, C. (2005): 10 years of experience with the invasive horse chestnut leafminer (*Cameraria ohridella*) in Austria. – In: Alford, D. V. & Backhaus, G. F. [Eds]: Plant Protection and Plant Health in Europe: Introduction and Spread of Invasive Species. - BCPC Symposium Proceedings No. 81, 61-66.
- Rabitsch, W., Lethmayer, C. & Grabenweger, G. (2005): Insekten und Spinnentiere. – In: BMLFUW (Hrsg.): Aliens, Neobiota in Österreich. – Grüne Reihe 15, Böhlau Verlag, 171-188.
- Persen, U., Steffek, R., Lethmayer, C., Blümel, S. & Polesny, F. (2005): Pflanzengesundheit im Obstbau. – Österreichischer Agrarverlag, 208 pp.
- Frank T., Aeschbacher S., Barone M., Künzle I., Lethmayer C. & Mosimann C. (2009): Beneficial arthropods respond differentially to wildflower areas of different age. - Ann. Zool. Fennici 46, 465-480;ISSN 0003-455X
- Lethmayer C., Hausdorf H., Altenburger J. & S. Blümel (2009): Trials of Alternative Codling Moth (*Cydia pomonella*) Control Strategies in Austria. – International Journal of Fruit Science 9, 1–9.
- Grabenweger, G., Kehrl, P., Zweimüller, I., Augustin, S., Avtzi, N., Bacher, S., Freise, J., Girardoz, S., Guichard, S., Heitland, W., Lethmayer, C., Stolz, M., Tomov, R., Volter, L. & Kenis, M. (2010): Temporal and spatial variations in the parasitoid complex of the horse chestnut leafminer during its invasion of Europe. – Biol. Invasions 12(8): 2797-2813.

Lethmayer, C., Hausdorf, H., Suarez-Mahecha, B. & Reisenzein, H. (2011): The importance of psyllids (Hemiptera: Psyllidae) as vectors of phytoplasmas in pome and stone fruit trees in Austria. – Bulletin of Insectology 64 (Supplement): 255-256.

Lethmayer, C. (2013): First data on the dispersal and potential spread of *Anoplophora* spp.. – Journal of Entomological and Acarological Research 45 (s1), page 7.

Sauro, S., Baufeld P., Northing P., Bell, H., Gargani, E., Cuthbertson, A., Lethmayer, C., Egartner, A., Bluemel, S., Kehrli, P., Anfora, G., Grassi, A., Baroffio, C., Masci, A., Linder, C. & Ioriatti, C. (2013): DROSKII: a transnational attempt for insight on the damage potential of *Drosophila suzukii* and on the development of risk management and control measures. – IOBC-WPRS Bulletin 91, 323-326.

Lethmayer, C., Egartner, A. & Blümel, S. (2015): Evaluation of different trap types for catching the spotted wing drosophila (*Drosophila suzukii*). - IOBC-WPRS Bulletin Vol. 109, 187-193.

Reisenzein, H. & Lethmayer, C. (2016): Studies on the interaction between 'Ca. phytoplasma pyri' and the vectoring psyllids. – IOBC-WPRS Bulletin Vol. 112, 55-60.

Lethmayer, C. & Egartner, A. (2017): Enhancement of *Drosophila suzukii* trapping. – IOBC-WPRS Bulletin Vol. 123, 143-149.

Egartner, A. & Lethmayer, C. (2017): Invasive Fruit Flies of economic importance in Austria - monitoring activities 2016. - IOBC-WPRS Bulletin Vol. 123, 45-49.

Lethmayer, C., Wernicke, M. & Blümel, S. (2019): Laboratory choice trials to identify repellent substances against *Drosophila suzukii*. – IOBC-WPRS Bulletin Vol. 144, 8-15.

Egartner, A., Lethmayer, C., Gottsberger, R. A. & S. Blümel (2019): Recent records of the Mediterranean fruit fly, *Ceratitis capitata* (Tephritidae, Diptera) in Austria. – IOBC-WPRS Bulletin Vol. 146, 143-152.

Egartner, A., Lethmayer, C., Gottsberger, R. A. & S. Blümel (2019): Survey on *Bactrocera* spp. (Tephritidae, Diptera) in Austria. – Bulletin OEPP/EPPO Bulletin 49 (3), 578-584. – DOI: 10.1111/epp.12604

Wernicke, M., Lethmayer, C. & Blümel, S. (2020): Laboratory trials to investigate potential repellent/oviposition deterrent effects of selected substances on *Drosophila suzukii* adults. – Bulletin of Insectology 73 (2), 249-255.

Lethmayer, C. & Gottsberger, R.A. (2020): First report of 'Candidatus Liberibacter solanacearum' in common hogweed (*Heracleum sphondylium*) in Austria. – New Disease Reports 42, 17. <http://dx.doi.org/10.5197/j.2044-0588.2020.042.017>

Kenyon, D., Back, E., Sumner-Kalkun, J., Highet, F., Lethmayer, C., Gottsberger, R., Beniusis, A. & Pupeliene, S. (2022): Role of weed hosts as pathogen reservoirs of insect vectored diseases (WEEDVECT). – Zenodo. <https://doi.org/10.5281/zenodo.5846219>