



2ND CIRCULAR

6TH MEETING OF THE EWRS WORKING GROUP “WEEDS AND BIODIVERSITY”

Riga, Latvia
28 - 29 September 2016



Dear Colleagues,

We are pleased to present 2nd circular of 6th meeting of the EWRS working group %Weeds and biodiversity+that will be held from 28 to 29 September 2016 in Riga, Latvia.

In this circular you will find:

- General information (venue, fee, travel, accommodations);
- Scientific programme.

We are looking forward to see you all in Riga.

Local organizer: Zane Erdmane (zane.mintale@laapc.lv; zane.erdmane@laapc.lv +371 26334338)

Scientific organizer and Chairman of the Working group: Paula Westerman
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THE VENUE

The meeting will take place at the Days Hotel Riga VEF (<http://dayshotelriga.com/en>). This hotel is located 5 km (a 15-minute drive) from the city centre and can be reached easily by public transport.

The meeting will be organized by Latvian Plant Protection Research Centre (LPPRC) which has more than 100 years of experience in plant protection. Today LPPRC belongs to the Latvia University of Agriculture and is the official GEP unit and leading organization in Latvia conducting plant protection product efficacy trials.

Currently, scientific research covers four main areas of research: weed research, horticultural crop pathology, field crop pathology and entomology.

Riga, the capital of Latvia, is the pearl both of Latvia and the whole of the Baltics. Riga is included in the UNESCO World Cultural and Natural Heritage list. It is located in the central part of the country, on the south coast of the Gulf of Riga, at the mouth of our largest river, the Daugava. Riga is home for more than 690,000 inhabitants and is the largest city in the Baltic States.

Riga is also known as the pearl of architecture . it is famous for its Old Town and city centre, in which over 800 buildings are of the Art Nouveau (Jugendstil) style of architecture, as well as for wooden architecture which has survived for centuries.

ACCOMMODATION

Days Hotel Riga VEF will offer accommodation for the meeting participants at negotiated rates (Single room: 45 EUR, Double room 50 EUR - prices including breakfast and VAT) if booking requested.

Days Hotel Riga VEF offer a free parking for overstaying clients with car.

Distances from the hotel

- Bus Terminal . 5 km (a 15-minute drive)
- Railway Terminal . 5 km (a 15-minute drive)
- Passenger Port . 5 km (a 15-minute drive)
- Airport . 17 km (a 30-minute drive)
- Old Town . 4 km (a 10-minute drive)

Other hotels can be found and booked via Riga tourist information webpages: www.liveriga.com or via the booking.com: www.booking.com.

TRAVEL

By plane

Riga (capital city), which can be easily reached via direct or connected flights from many European airports. The Latvian national airline, airBaltic, provides easy and convenient connections to all of the major airports in Europe and the CIS countries. Riga International Airport is only ten kilometres south-west of Riga city centre. Check <http://www.riga-airport.com/en> and <https://www.airbaltic.com/en/index>.

Travelling from Riga International Airport (RIX) to Days Hotel Riga VEF:

- The bus stop is opposite the airport. Take bus No. 22;
- Get off at stop "Autoosta";
- From there, take bus No. 21 and get off at stop "VEF";
- Cross the street through the pedestrian tunnel, and you will find yourself at Days Hotel Riga VEF+.

By ferry

Ferry connections to Riga are available from Stockholm. Tallink operates daily ferry connections from Stockholm to Riga. The ferry terminal building is located at 1 Eksporta Street, within walking distance of the Old Town. See more at: <http://www.latvia.travel/en/city/riga-8#sthash.S57TSZKs.dpuf>

By bus

Bus connections to Riga are available from Berlin, Hamburg, Warsaw, Prague, Pskov, Kiev, Grodno, Vilnius, Tallinn, St Petersburg, Moscow, Kaliningrad, Minsk, and many other international cities. Check: <http://www.autoosta.lv/?lang=en>.

Travelling from Riga International bus terminal to Days Hotel Riga VEF:

- Walk to the public transport stop in front of "Stockmann" shopping-centre;
- Take bus No. 21 and get off at stop "VEF";
- Cross the street through the pedestrian tunnel, and you will find yourself at Days Hotel Riga VEF+.

By car

The major highways connect Riga with Tallinn, St Petersburg, Moscow, Kaunas, and Vilnius. The northern and southern road links have recently been modernised.

You can easily reach the meeting place from the city centre by public transport (check: <https://www.rigassatiksmelv/en/>):

Buses No. 1, 14, 16, 21, 40;

Trolleybuses No.: 12, 14, 17;

Trams No.: 3, 6.

Costs of one ride in public transport

Ticket for 1 trip if e-talon card is purchased in advance from a ticket office, vending machine, press kiosk or Narvesen shop: 1.15 EUR.

Ticket for 1 trip if paid on board to the driver (cash only): 2.00 EUR.

COSTS

	EWRS Member	Non-member*
Regular	100 EUR	160 EUR
Student (MSc-PhD)	60 EUR	90 EUR

* The difference in fees between members and non-members is the cost of a yearly membership to the EWRS.

The registration fee will cover the costs for the book of abstracts, lunches, coffee breaks and dinner on Wednesday evening.

The registration fee will cover accommodation and travel expenses.

PROGRAMME

Wednesday 28 September

Time	Authors	Presentation title
08:30		Registration, morning coffee
09:00		Opening words, introduction
09:15	Storkey J.	Key-note speech: Predicting the winners and losers of agricultural change
Session "Arable weed diversity I: environmental and historical factors"		
10:15	Meyer S.	Impoverishment of the arable flora of central Germany during the past 50 years: a multiple-scale analysis
10:35	Bürger J., Gerowitt B.	Joining weed survey data bases for analyses on a European scale
10:55		Coffee break
11:10	Pinke G., Blazsek K., Nagy K., Karácsony P., Magyar L., Czúcz B., Botta-Dukát Z.	Factors influencing weed species composition in Hungarian soybean fields
11:30	Bassler G.	Biology and distribution of rare weeds in the Northwestern Waldviertel, Austria
11:50		Lunch
Session "Arable weed diversity II: crop diversification and cover crops"		
12:50	Piliksere D., Lapi z D., Ma ecka S., e ajeva J.	The occurrence of weed species in arable fields in Latvia, as a function of crop rotation
13:10	Hofmeijer M.A.J., Gerowitt B.	Studying the workings of on-farm crop diversification on weed diversity in Northern European organic cereals
13:30	KadŅien G., Auzkalnien Ņ., Pranaitien S., Putramentait A., Januzauskait D., Feiza V., Supronien S., Ramanauskien B.	Tillage and cover crop management as an option to minimize soil compaction and weed infestation
13:50	Salonen J.	Manipulating plant species diversity with cover crops . enhancing both biodiversity and weed management in cereals?
14:10	Rivier S., Wentzel M., Mota M.	Cover crop roller-crimper increases biodiversity in Swiss vineyards
14:30		Coffee break
Session "Arable weed diversity III: management "		
14:50	Pupalien R., Marcinkevi en A., Veli ka R., Keidan M., Butkevi en L. M., Kriau i nien Z., Kosteckas R., S. ekanaukas, Jodaugien D.	Weed density in winter oilseed rape crop under different weed control methods in organic farming system
15:10	Auskalniene Ņ., Kadziene G., Janusauskaite D., Jomantaite B.	Impact of seeding rate and delayed sowing on winter wheat and weed competition
15:30	Winter S., Penke, N., Kriechbaum, M., Popescu, D.; Lora, A., Sánchez de la Cuesta, R., Guzmán, G., Cabezas, J.M., Gómez, J.A., Paredes, D., Jung, V., Fertil, A., Schneider, A., Chollet, S., Comsa, M., Zaller, J.G.	Effects of management intensity on plant biodiversity and related ecosystem services in Austrian, French, Romanian and Spanish vineyards
Poster session		
15:50	Ruza A., Ausmane M., Melngalvis I.	Investigations of tillage systems and crop sequence on weed incidence
	Jansone Z., Bleidere M., V cupe Z.	Germination rate of wild oats (<i>Avena fatua</i> L.) in relation to seed morphology
	Güzel N.P., Güler Y.	Important weed species for sustainability of Megachilidae (Hymenoptera: Apoidea) species in Turkey
16:10		Discussion of the day
16:30		WG subgroup meetings
18:30		Excursion to old Riga
20:00		Dinner in Old Town

Thursday 29 September

Time	Authors	Presentation title
Session "Arable weed diversity IV: primary productivity"		
08:30	Hernández Plaza E., Bastida F., Pallavicini Y., Izquierdo I., González-Andújar J.L.	Relationship between weed diversity and crop yield in Spanish wheat fields
08:50	Lazauskas P.	The original law of field crop performance (<i>agrophytocenosis</i>) productivity for development of the theoretical cognition of weed control and soil tillage
Session "Ecosystems services by weeds"		
09:10	Serim A., Güzel N.P., Asav Ü.	Rimsulfuron and nicosulfuron mitigation potential of some grass species
09:30	Blaix C., Dostatny D. F., Izquierdo J., Le Corff J., Morrison J., von Redwitz C., Schumacher M., Westerman P., Moonen A C.	Weeds and Ecosystem services: a systematic review in arable crops
09:50	Saska P., Hon k A., Martinková Z.	Carabid beetles respond differently to seeds liberated from the seed bank
10:10	Izquierdo J., García R., Morrison J., González-Andújar J.L.	Insect attractiveness of five weeds
10:30	Morrison J., Izquierdo J., Andújar J.L.	The role of weeds in supporting bee populations in agro-ecosystems
10:50		Coffee break
Session "Weed biology and integrated control"		
11:10	Dostatny D.F., Majuszy ska E., Podyma W., Chojnowski M.	Effect of temperature and storage conditions on seed germination of <i>Avena strigosa</i> and <i>Avena fatua</i>
11:30	Mennan H., Kaya-Altop E.	Effect of environmental factors on germination of <i>Lolium rigidum</i> resistant and susceptible biotypes to ALS-inhibiting herbicides
11:50	Gaile I., Gulbis G.	Hogweed containment with integrated pest management methods; the EMPHASIS project
12:10		Lunch
13:00		Training session on plant functional traits lead by Jonathan Storkey
14:30		Coffee break
14:50		Training session on plant functional traits lead by Jonathan Storkey
16:30		Closure

The 6th meeting of the EWRS working group "Weeds and biodiversity" is supported by



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Please go online at http://ewrs.org/Biodiversity_2016/ to obtain the most recent information concerning the workshop.