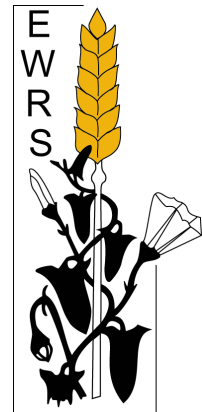




UNIVERSITY OF  
HOHENHEIM



7<sup>th</sup> meeting of the EWRS working group  
“Weeds and biodiversity”

17. – 19. June 2019  
University of Hohenheim in Stuttgart, Germany

Dear Colleagues,

The final programme of the 7<sup>th</sup> meeting of the EWRS working group “Weeds and biodiversity” is ready. We thank you very much for your interesting contributions. In this second circular you will find

- The final programme
- Travel instructions to Hohenheim
- A map of Hohenheim with important locations

All information will also be available online shortly. Please go online at <https://biodiversity2019.uni-hohenheim.de/> or the EWRS homepage (ewrs.org) to obtain the most recent information concerning the workshop.

### **Final Programme**

Monday, 17.06.2019

13:00 Lunch and Get Together at Mensa Hohenheim

14:00 Welcome to the WG meeting

**14:20 Session: Weed Diversity and Farming systems**

14:25 Development of the arable vegetation 23 years after the change from conventional to organic farming – experiences on a farm scale

*Harald Albrecht (TU Munich, Germany)*

14:45 Preserving weed biodiversity: The role of precision agriculture technologies

*Joanna Davies (Syngenta, UK)*

15:05 A landscape-scale approach for linking farming strategies to weed communities and their contribution to ecosystem services

*Séverin Yvoz (INRA, France)*

15:25 The contribution of spatial mass effects to plant diversity in arable fields

*Helen Metcalfe (Rothamsted Research, UK)*

15:45 Steering weed communities using sown wildflowers

*Christoph v. Redwitz (JKI, Germany)*

16:05 Coffee Break

**16:25 Session: Weed Surveys and Databases**

16:30 Weed species composition of oil pumpkin fields in Hungary  
*Gyula Pinke (Széchenyi István University, Hungary)*

16:50 Organisation of data rights within a collection of weed vegetation surveys  
*Jana Bürger (University of Rostock, Germany)*

**17:10 Collaboration Initiative: Vegetation Databases (Jana Bürger and Helen Metcalfe)**

18:10 General Discussion and Closure

20:00 Dinner in a traditional Swabian restaurant (at own costs)

Tuesday, 18.06.2019

**08:30 Session: Rare arable weed species**

08:35 Keynote: A future for rare segetal plants? Conservation approaches and challenges for the protection in Central Europe  
*Stefan Meyer (Germany)*

09:05 How can we improve effectiveness and uptake of arable plant options in agri-environment schemes?  
*Markus Wagner (Centre for Ecology & Hydrology, UK)*

09:25 Impact of crop density, crop type and soil tillage on reintroduction of rare arable plants in three-year crop rotations  
*Marion Lang (TU Munich, Germany)*

09:45 Changes in floral composition of segetal communities of cereal crops in Poland  
*Denise Dostatny (Plant Breeding and Acclimatization Institute, Poland)*

10:05 Coffee Break

**10:25 Session: Biotic interactions and Seed Predation**

10:30 Predation of weed seeds (*Echinochloa crus-galli*) in SE Norway  
*Therese W. Berge (NIBIO, Norway)*

10:50 Do the properties of seeds affect their predation?  
*Hana Foffová (CRI & CULS Prague, Czech Republic)*

11:10 Does the increased soil biological activity reduce weed seed survival rates?  
*Stefano Carlesi (Scuola Superiore Sant'Anna, Italy)*

**11:30 Collaboration Initiative: Ecosystem services (Stefano Carlesi)**

12:00 WG Issues

12:30 Lunch break

13:00 Departure Excursion to nature conservation area Rangendingen

18:00 Return from Excursion to University of Hohenheim

20:00 Dinner in Stuttgart City Center

Wednesday, 19.06.2019

**09:00 Session: Ecosystem services of weeds**

09:05 How attractive are weeds for pollinators?

*Jordi Izquierdo (Universitat Politècnica de Catalunya, Spain)*

09:25 The use of rare arable plants to enhance ecosystem functions of agro-ecosystems

*Alina Twerski (TU Munich, Germany)*

09:45 The influence of rare arable plants on biological pest control

*Fabian Sauter (TU Munich, Germany)*

10:05 Could Brassicaceae weeds contribute to disease management in rapeseed and vegetable crops?

*Josiane Le Corff (INRA, France)*

10:25 Coffee Break

10:45 Poster presentations

Variables influencing the abundance of *Ambrosia artemisiifolia* in the Austrian-Hungarian borderland

*Tamás Kolejanisz & Gyula Pinke (Széchenyi István University, Hungary)*

Soil microbial effects on weed seed bank persistence: current knowledge and applications for weed management

*Markus Wagner (Centre for Ecology & Hydrology, UK)*

Using functional traits to model plant communities in arable fields

*Helen Metcalfe (Rothamsted Research, UK)*

**11:15 Update: Collaboration on weed seed predation ring experiment (Paula Westerman)**

12:10 General Discussion and Closure of WG meeting

13:00 Lunch at Mensa Hohenheim

## **Travelling to Hohenheim**

Arrival with all kind of transportation can be found on the universities homepage:  
<https://www.uni-hohenheim.de/en/directions>

Information about the public transportation system can be found here:  
<https://en.vvs.de/>. We advise to purchase a ticket before getting on a Stadtbahn (U-Bahn) or bus. Normally there is the possibility to pay directly on a bus but not in a Stadtbahn! Purchase a ticket directly at the vending machines at the respective station to the destination "Universität Hohenheim".

### **By plane**

Public transportation from the Stuttgart airport (STR):

Take bus line 122 until the stop Plieningen-Post, then switch to the bus lines 70 or 74 until the bus stop "Universität Hohenheim"; travel time: 25-35 min.; costs: 2,75 €

Taxi from Stuttgart airport:

Costs approx. € 15 - travel time: approx. 15 min.

### **By car**

From Stuttgart center: From the B14 (Konrad-Adenauer-Straße), turn onto the B27 (Charlottenstraße) at Charlottenplatz (near the Schloss), then keep driving straight. The street turns into 4 lanes, take exit S-Hohenheim. Follow the signs S-Plieningen/S-Hohenheim for several kilometers until you reach Plieningen. Turn left to the University of Hohenheim. Follow the street and turn right at the next opportunity. Continue to follow the street until you reach the parking spaces.

From Karlsruhe/Heilbronn: Autobahn A8, exit Stuttgart-Flughafen/S-Hohenheim, stay left, and follow the signs S-Hohenheim. After around 4 km, turn left to the University of Hohenheim. Follow the street until you reach the parking spaces after a sharp left turn.

From Munich: Autobahn A8, exit S-Plieningen/S-Hohenheim, stay right, and follow the signs S-Hohenheim. After around 4 km, turn left to the University of Hohenheim. Follow the street until you reach the parking spaces after a sharp left turn.

When traveling to the University, please remember: The University of Hohenheim is in an [environmental zone](#).

### **By train**

Public transportation from the Stuttgart main train station: Stadtbahn U7 or U15 (underground train station) toward Ostfildern to Ruhbank (Fernsehturm), then transfer to the city bus 70 toward Plieningen until the stop Universität Hohenheim.

Alternative: Stadtbahn U5, U6, or U12 (underground train station) toward Leinfelden or Fasanenhof until Möhringen Bahnhof, then transfer to the Stadtbahn U3 toward "Plieningen (Universität Hohenheim)". Then walk to the University of Hohenheim or transfer into the city bus 65 toward Obertürkheim Bf. until the stop "Universität Hohenheim"; travel time: 28-35 min.; costs: 2,75€

Taxi from Stuttgart main train station:  
Costs approx. € 20-25. Travel time: approx. 25 min.

If you run into any trouble, please do not hesitate to contact me.  
We are looking forward to seeing you in Hohenheim.

Kind regards  
Matthias

Matthias Schumacher M.Sc.  
University of Hohenheim  
Institute of Phytomedicine (360b)  
Department of Weed Science  
Otto-Sander-Str. 5, 70593 Stuttgart  
Phone: [+49 711 459 24643](tel:+4971145924643)  
Mail: [matthias.schumacher@uni-hohenheim.de](mailto:matthias.schumacher@uni-hohenheim.de)