

List of publications arising from the FlyIPM project

Peer-reviewed papers

1. Lamy, F., Bellec, L., Rusu-Stievenard, A., Clin, P., Ricono, C., Olivier, D., Mauger, S., Poinso, D., Faloya, V., Daniel, L., et al. Oviposition preference of the cabbage root fly towards some chinese cabbage cultivars: A search for future trap crop candidates. *Insects* 2020, 11(2), 127; <https://doi.org/10.3390/insects11020127>.
2. Collier, R., Mazzi, D., Folkedal Schjøll, A., Schorpp, Q., Thöming, G., Johansen, T.J., Meadow, R., Meyling, N.V., Cortesero, A., Vogler, U., Gaffney, M.T., Hommes, M. (2020). The potential for decision support tools to improve the management of root-feeding fly pests of vegetables in Western Europe. *Insects*, 11(6), 69; <https://doi.org/10.3390/insects11060369>.

Non-peer-reviewed scientific publications, proceedings and books:

1. Boeriis, T., Mazzi, D., Vogler, U. (2020). Push (-and-pull) strategy with sage extracts may reduce crop losses caused by the cabbage root fly, *Delia radicum*. Working Group "Integrated Protection in Field Vegetables". Proceedings of the Meeting at Stratford-upon-Avon (UK), 13-16 October, 2019. 153. In press.
2. Collier, R., Elliott, M., Wilson, D., Teverson, D., Cowgill, S. (2020). Phenology and abundance of pest insects of vegetable and salad crops in Britain: decision support for growers. Working Group "Integrated Protection in Field Vegetables". Proceedings of the Meeting at Stratford-upon-Avon (UK), 13-16 October, 2019. 153. In press.
3. Collier, R.H. & Villeneuve, F. (2019). 'Pests of carrot' in Carrot and other vegetable Apiaceae' CABI. In press.
4. Hutchison, I., Meyling, N.V., Thapa, S., Berge, L., Meadow, R. (2020). Biological control of cabbage root fly using an entomopathogenic fungus. Working Group "Integrated Protection in Field Vegetables". Proceedings of the Meeting at Stratford-upon-Avon (UK), 13-16 October, 2019. 153. In press.
5. Johansen, T.J., Cortesero, A.-M., Gaffney, M., Meadow, R., Schorpp, Q., Collier, R. (2020). Phenology of brassica root flies (*Delia radicum* and *D. floralis*) in northern Europe. Working Group "Integrated Protection in Field Vegetables". Proceedings of the Meeting at Stratford-upon-Avon (UK), 13-16 October, 2019. 153. In press.
6. Lamy, F., Wetzel, G., Daniel, L., Faloya, V., Poinso, D., Cortesero, A.-M. (2019). The spatial implantation of the trap crop used as Pull component has to be considered to maximize the efficiency of a Push-Pull strategy against the cabbage root fly. IOBC-WPRS Bulletin: Proceedings of the Meeting at Wädenswil/Arenenberg (Switzerland) 02-06 October, 2017. 142: 59-64.
7. Mesmin, X., Faloya, V., Maret, M., Cortesero, A.-M., Le Ralec, A. (2019). Carabid predation on *Delia radicum*: the early bird catches the worm. IOBC-WPRS Bulletin: Proceedings of the Meeting at Wädenswil/Arenenberg (Switzerland) 02-06 October, 2017. 142: 65-72.
8. Sauer, C. (2019). Possible impacts of climate change on carrot fly's population dynamics in Switzerland. IOBC-WPRS Bulletin: Proceedings of the Meeting at Wädenswil/Arenenberg (Switzerland) 02-06 October, 2017. 142:31-41.
9. Schorpp, Q., Vogler, U. (2020) Preinoculation and push-pull methods for the control of cabbage root fly in cauliflower – a critical reflection of field trials. Working Group "Integrated Protection in Field Vegetables". Proceedings of the Meeting at Stratford-upon-Avon (UK), 13-16 October, 2019. 153. In press.
10. Thapa, S., Cotes, B., Uslu, H., Meyling, N.V. (2020). Inoculation of the entomopathogenic fungus *Metarhizium brunneum* to target the larvae of the cabbage root fly *Delia radicum*. Working Group "Integrated Protection in Field Vegetables". Proceedings of the Meeting at Stratford-upon-Avon (UK), 13-16 October, 2019. 153. In press.

11. Thöming, G., Schjøll, A.F., Johansen, T.J. (2019). Developing tools for monitoring and forecasting of onion fly *Delia antiqua* in Norway. IOBC-WPRS Bulletin: Proceedings of the Meeting at Wädenswil/Arenenberg (Switzerland) 02-06 October, 2017. 142: 42-49.
12. Vogler, U., Szikora, T. (2019). A vegetable brassica based diet to test individual traits to control the cabbage root fly. IOBC-WPRS Bulletin: Proceedings of the Meeting at Wädenswil/Arenenberg (Switzerland) 02-06 October, 2017. 142: 50-58.

Non-scientific publications:

1. Boeriis, T., Mazzi, D., Vogler, U. (2019). FlyIPM - ein europäisches Projekt für die integrierte Bekämpfung von Gemüsefliegen. Article in German, French and Italian for the Gemüsebau Info, 22, 2019, 2.
2. Collier, R. (2019). FlyIPM – a European project on root-feeding flies. The Vegetable Farmer, April 2019, p. 21
3. Johansen, T.J., Schjøll, A.F., Meadow, R. (2020) "Kålfluene i Norge og Europa". Gartneryrket (growers' journal) in press.
4. Lamy, F., Faloya, V., Cortesero, A. M. (2018). Brocoli : le push-pull. Techniques culturales, 136, 17-18.
5. Meyling NV, Cotes B, Thapa S (2019). "Gør kål på kålfuerne". Gartnertidende, vol. 4, pp. 40-41.
6. Paap M. & Vogler U. (2019). Deutscher Gartenbautag. GartenbauProfi 107:50-52
7. Pest insects infesting carrot and other Apiaceous crops. AHDB Factsheet revision. In press.
8. Poster on FlyIPM was presented at an international meeting 'Future IPM' on 15-20 October 2017, Riva del Garda, Italy.
9. Schmon R., Sauer C., Vogler U. (2018). "Die Kleine Kohlflye (*Delia radicum*): Biologie und Bekämpfungsmöglichkeiten" datasheet (Merkblatt) in German, Agroscope (CH).
10. Schorpp Q. (2019). FlyIPM – Biologische Gegenspieler für die integrierte Kontrolle von Wurzelfliegen-Larven. BMEL Symposium zum nicht-chemischen Pflanzenschutz, Berlin.
11. Schorpp, Q., Vogler U. (submitted) Preinoculation and push-pull methods for the control of cabbage root fly in cauliflower – a critical reflection of field trials.
12. Schorpp, Q. (2019). Fly-IPM – Eine „Push+Pull“ Strategie für die integrierte Kontrolle von Gemüsefliegen-Larven. 29. Tagung der Fachreferenten für Pflanzenschutz im Gemüse- und Zierpflanzenbau/Baumschulen, Braunschweig. 05-07 November 2019.
13. Szikora, T., Vogler, U. (2018). Gemüseschädlinge alternativ bekämpfen. Article in German and French for Der Gemüsebau / Le Maraichère (CH) 6, 2018, 34.
14. Vogler, U. (2017). "Die Kleine Kohlflye *Delia radicum*" in German at Wädenswiler Gemüsebautag Agroscope (CH). Poster.
15. Vogler, U. (2019) Krankheiten und Schädlinge durch Klimaveränderungen – Neue Pflanzenschutzstrategien. Deutscher Gartenbautag 2019 des ZVG, Neckarsulm. 06 September 2019
16. Vogler, U., Collier, R., Cortesero, A.-M., Gaffney, M., Hommes, M., Johnsen, T., Meadow, R., Vitt Meyling, N., Trdan, S., Mazzi, D. (2018): FlyIPM – Integrated control of root-feeding fly larvae infesting vegetable crops. 31. Deutsche Pflanzenschutztagung. Herausforderungen Pflanzenschutz – Wege in die Zukunft; 11-14 September 2018, Universität Hohenheim – Kurzfassungen der Vorträge und Poster. Julius-Kühn-Archiv 461, Braunschweig 416
17. Vogler U., Collier R., Cortesero A.-M., Gaffney M., Hommes M., Johansen T., Meadow R., Vitt Meyling N., Trdan S., Mazzi D., Szikora T. FlyIPM Integrated control of root-feeding fly larvae infesting vegetable crops. 61st German Plant Protection Conference.
18. Vogler U. & Schorpp Q. (2020) FlyIPM – Ein europäisches Projekt zum integrierten Pflanzenschutz – Forscher tricksen Gemüsefliegen aus. Gemüse 56: 30-31
19. Vogler, U. & Schorpp, Q. (2020) Vorbeugende biologische Kontrolle der Kleinen Kohlflye im „Push Pull“-System. 93. Arbeitssitzung Deutscher Pflanzenschutzdienst, Hamburg. 02.03.2020
20. Article on Extension service website, 18.05.2020, Norway

21. Written information about the project for the extension agents, 04/06/2018, Norway
22. Written information about the project for the extension agents, 03/04/2019, Norway
23. "Nye metoder for å stoppe kålfluer" (New methods to stop cabbage flies). in *Gartneryrket* 9.2019. pp. 20-25. Author is Gerd Guren, the Norwegian Agricultural Extension Service.
24. "Kålfluene i Norge og Europa" (Cabbage Flies in Norway and Europe) will be published in the June 2020 edition of the growers' journal "*Gartneryrket*". The article describes the results from the project. The authors are Tor J. Johansen (NIBIO), Annette F. Schjøll (NIBIO) and Richard Meadow (NMBU).