

## Publication List of Thomas Degen

### Peer-reviewed journals:

- Turlings, T. C. J., P. M. Jeanbourquin, M. Held & T. Degen, 2005.** Evaluating the induced-odour emission of a Bt maize and its attractiveness to parasitic wasps. *Transgenic research*: 807–816.
- Degen T., Ch. Dillmann, F. Marion-Poll and T. C. J. Turlings. 2004.** High genetic variability of herbivore-induced volatile emission within a broad range of maize inbred lines. *Plant Physiology* 135: 1928–1938.
- Hoballah, M. E., T. Degen, D. Bergvinson, A. Savidan, C. Tamó & T. C. J. Turlings. 2004.** Occurrence and direct control potential of parasitoids and predators of the fall armyworm (Lepidoptera: Noctuidae) on maize in the subtropical lowlands of Mexico. *Agricultural and Forest Entomology* 6: 83–88.
- Turlings, T. C. J., S. Gouinguéné, T. Degen and M. E. Fritzsche-Hoballah, 2002.** The chemical ecology of plant-caterpillar-parasitoid interactions. In Tschardtke, T. & B. Hawkins (editors). *Multitrophic level interactions*. Cambridge University Press. 148-173 pp.
- Gouinguéné, S., T. Degen & T. Turlings, 2001.** Variability in herbivore-induced odour emissions among maize cultivars and their wild ancestors (teosinte). *Chemoecology* 11: 9–16.
- Degen, T., E. Städler & P. R. Ellis, 1999.** Host-plant susceptibility to the carrot fly, *Psila rosae*. 1. Acceptability of various host species to ovipositing females. *Annals of Applied Biology* 134: 1–11.
- Degen, T., E. Städler & P. R. Ellis, 1999.** Host-plant susceptibility to the carrot fly, *Psila rosae*. 2. Suitability of various host species for larval development. *Annals of Applied Biology* 134: 13–26.
- Degen, T., E. Städler & P. R. Ellis, 1999.** Host-plant susceptibility to the carrot fly, *Psila rosae*. 3. The role of oviposition preferences and larval performance. *Annals of Applied Biology* 134: 27–34.
- Degen, T., H.-R. Buser & E. Städler, 1999.** Patterns of oviposition stimulants for the carrot fly in leaves of various host plants. *Journal of Chemical Ecology* 25: 67–87.
- Degen, T., G. Poppy & E. Städler, 1999.** Extracting oviposition stimulants for the carrot fly from host-plant leaves. *Journal of Chemical Ecology* 25: 89–104.
- Degen, T. & E. Städler, 1998.** Oviposition of carrot fly (*Psila rosae*) in response to foliage and leaf surface extracts of host plants. *Chemoecology* 8: 39–49.
- Degen, T. & E. Städler, 1997.** Foliar form, colour and surface characteristics influence oviposition behaviour in the carrot fly. *Entomologia Experimentalis et Applicata* 83: 99–112.
- Degen, T. & E. Städler, 1997.** An improved oviposition assay for the carrot fly. *Entomologia Experimentalis et Applicata* 83: 113–117.
- Degen, T. & E. Städler, 1996.** Influence of natural leaf shapes on oviposition in three phytophagous flies: a comparative study. *Entomologia Experimentalis et Applicata* 80: 97–100.

## **Journals without peer-review:**

- Degen, T., A. Chevallier & S. Fischer, 2005.** Evolution de l'usage des phéromones sexuelles pour la lutte contre les vers de la grappe. *Revue suisse de Viticulture, Arboriculture et Horticulture* 37: 273–280.
- Charmillot, P.-J., Th. Degen, D. Pasquier & F. Briand, 2005.** Nouveaux procédés de lutte contre les vers de la grappe basés sur les phéromones : Essais préliminaires effectués en 2004. *Revue suisse de Viticulture, Arboriculture et Horticulture* 37: 283–288.
- Charmillot, P.-J., D. Pasquier & T. Degen, 2005.** Climat et populations respectives des vers de la grappe eudémis et cochylis. Le Guide Viti 2005-2006. *Revue suisse de Viticulture, Arboriculture et Horticulture* 37: 53–54.
- Degen, T., 1994.** Attempts to quantify the role of antixenosis and antibiosis in plant resistance to the carrot fly, *Psila rosae* (F.) (Dipt., Psilidae). *IOBC wprs Bulletin Vol* 17(8): 96–101.
- Kesper, C. & T. Degen, 1993.** Überwachung von *Frankliniella occidentalis* im Gemüsebau. *Gemüse* 3: 165–168.
- Kesper, C. & T. Degen, 1993.** Überwachung des Kalifornischen Blütenthrips. *Der Gemüsebau* 2: 8.
- Degen, T. & L. Jenni, 1990.** Biotopnutzung von Kleinvögeln in einem Naturschutzgebiet und im umliegenden Kulturland während der Herbstzugzeit. *Der Ornithologische Beobachter* 87: 295–325.

## **Doctoral Thesis:**

- Degen, T. 1998.** Host-Plant Acceptance by the Carrot Fly: Some Underlying Mechanisms and the Relationship to Host-plant Suitability. *Inauguraldissertation zur Erlangung der Würde eines Doktors der Philosophie, vorgelegt der Philosophisch-Naturwissenschaftlichen Fakultät der Universität Basel.* 137 p.

## **Diploma Thesis:**

- Degen, T. 1989.** Habitatwahl und Nahrung von Kleinvögeln während des Herbstzuges. *Diplomarbeit Zoologisches Institut der Universität Basel.* 91 p.