

Alexander Mathis (March 2015)

Publications

Peer-reviewed

- Eichenberger, R., P. Deplazes, and **A. Mathis** (2015): Ticks on dogs and cats: a pet owner based survey in a rural town in northeastern Switzerland. *Ticks and Tick-borne Diseases*. (doi: 10.1016/j.ttbdis.2015.01.007).
- Fankhauser, B., P. Dumont, J.S. Hunter, J.W. McCall, C. Kaufmann, **A. Mathis**, D.R. Young, S.P. Carroll, S. McCall, S.T. Chester, and M.G. Pollmeier: Repellent efficacy of a new combination of fipronil and permethrin against three mosquito species (*Aedes aegypti*, *Ae. albopictus*, *Culex pipiens*) on dogs. *Parasites & Vectors* **8**:64 (doi: 10.1186/s13071-015-0691-y).
- Kaufmann, C., **A. Mathis**, and C. Vorburger (2015): Sugar feeding behaviour and longevity of European *Culicoides* biting midges. *Medical and Veterinary Entomology* **29**:17-25 (doi: 10.1111/mve.12086).
- Bobeva, A., P. Zehndjiev, M. Ilieva, D. Dimitrov, **A. Mathis**, and S. Bensch (2015): Host preferences of ornithophilic biting midges of the genus *Culicoides* in Eastern Balkans. *Medical and Veterinary Entomology* (doi: 10.1111/mve.12108).
- Schaffner, F., A. Mathis (2014): Dengue and dengue vectors in the WHO European Region: past, present, and scenarios for the future. *The Lancet Infectious Diseases* **14**(12): 1271-1280. doi:10.1016/S1473-3099(14)70834-5.
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- Steinmann, I.C., V. Pflüger, F. Schaffner, **A. Mathis**, C. Kaufmann (2013): Evaluation of matrix-assisted laser desorption/ionization time of flight mass spectrometry for the identification of ceratopogonid and culicid larvae. *Parasitology* **140**: 318-327.
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- Schaffner, F., I. Thiéry, C. Kaufmann, A. Zettor, C. Lengeler, **A. Mathis**, C. Bourgoïn (2012): *Anopheles plumbeus* (Diptera: Culicidae) in Europe: a mere nuisance mosquito or potential malaria vector? *Malaria Journal* **11**:393.
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Review articles

- Schaffner, F., **A. Mathis** (2014): Dengue and dengue vectors in the WHO European Region: past, present, and scenarios for the future. *The Lancet Infectious Diseases* (accepted for publication).
- Engler, O., G. Savini, A. Papa, J. Figuerola, M. Groschup, H. Kampen, J. Medlock, A. Vaux, A. Wilson, D. Werner, H. Jöst, M. Goffredo, G. Capelli, V. Federici, M. Tonolla, N. Patocchi, E. Flacio, J. Portmann, A. Rossi-Pedruzzi, S. Mourelatos, S. Ruiz, A. Vázquez, M. Calzolari, P. Bonilauri, M. Dottori, F. Schaffner, **A. Mathis** and N. Johnson (2013): European surveillance for West Nile virus in mosquito populations. *International Journal of Environmental Research and Public Health*: **10**, 1-x manuscripts; doi:10.3390/ijerph100x000x.
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- Mathis, A.**, R. Weber, and P. Deplazes (2005): Zoonotic potential of the microsporidia. *Clinical Microbiology Reviews* **18**: 423-445 (invited review).
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