

Contributions to refereed journals**2004**

1. **Agboka, K., Tounou, A.K., Al-Moaalem, R., Poehling, H.-M., Raupach, K. & C. Borgemeister 2004.** Life-table study of *Anagrus atomus*, an egg parasitoid of the green leafhopper *Empoasca decipiens*. *BioControl* 49: 261-275.
2. **Ako, M., Borgemeister, C., Poehling, H.-M., Elbert, A. & R. Nauen 2004.** Effects of neonicotinoid insecticides on the bionomics of two-spotted spider mite *Tetranychus urticae* Koch (Acari: Tetranychidae). *Journal of Economic Entomology* (in press).
3. **Ebssa, L., Borgemeister, C. & H.-M. Poehling 2004a.** Effectiveness of different species/strains of entomopathogenic nematodes for control of western flower thrips (*Frankliniella occidentalis*) at various concentrations, host densities, and temperatures. *Biological Control* 29: 145-154.
4. **Ebssa, L., Borgemeister, C. & H.-M. Poehling 2004b.** Effects of post-application irrigation and substrate moisture on the efficacy of entomopathogenic nematodes against western flower thrips *Frankliniella occidentalis*. *Entomologia Experimentalis et Applicata* (in press).
5. **Ebssa, L., Borgemeister, C. & H.-M. Poehling 2004c.** Efficacy of entomopathogenic nematodes against western flower thrips *Frankliniella occidentalis* at different pupation depths. *Nematology* (in press).
6. **Fiebig, M., Poehling, H.-M. & C. Borgemeister 2004.** BYDV, wheat and *Sitobion avenae*: A case of trilateral interactions. *Entomologia Experimentalis et Applicata* 110: 11-21.
7. **Hill, G., Borgemeister, C. & C. Nansen 2004.** Ecological studies on the Larger Grain Borer, *Prostephanus truncatus* (Horn) (Coleoptera: Bostrichidae) and their implications for Integrated Pest Management. *Integrated Pest Management Reviews* (in press).
8. **Premachandra, W.T.S.D., Borgemeister, C., Chabi-Olaye, A. & H.-M. Poehling 2004.** Influence of temperature on the development, reproduction and longevity of *Ceratothripoides claratris* (Thysanoptera: Thripidae) on tomatoes. *Bulletin of Entomological Research* (in press).
9. **Schneider, H., Borgemeister, C., Sétamou, M., Affognon, H., Bell, A., Zweigert, M.E., Poehling, H.-M. & F. Schulthess 2004.** Biological control of the larger grain borer *Prostephanus truncatus* (Horn) (Coleoptera: Bostrichidae) by its predator *Teretrius nigrescens* (Lewis) (Coleoptera: Histeridae) in Togo and Benin. *Biological Control* 30(2): 241-255.

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10. **Agboka, K., Tounou, A.K., Poehling, H.-M., Raupach, K. & C. Borgemeister 2003.** Searching and oviposition behavior of *Anagrus atomus* L. (Hymenoptera: Mymaridae) on four host plants of its host the green leafhopper *Empoasca decipiens* Paoli (Homoptera: Cicadellidae). *Journal of Insect Behavior* 16: 667-678.
11. **Camara, M., Borgemeister, C., Markham, R.H. & H.-M. Poehling 2003.** Electrophoretic analysis of the prey spectrum of *Teretrius nigrescens* Lewis (Col., Histeridae), a predator of *Prostephanus truncatus* (Horn) (Col., Bostrichidae), in Mexico, Honduras, and Benin. *Journal of Applied Entomology* 127: 360-368.
12. **Fiaboe, M.K., Chabi-Olaye, A., Gounou, S., Smith, H., Borgemeister, C. & F. Schulthess 2003.** *Sesamia calamistis* calling behavior, and its role in the host finding of the egg

parasitoids *Telenomus busseolae*, *Telenomus isis* and *Lathromeris vicida*. *Journal of Chemical Ecology* 29(4): 921-929.

13. **Ndemah, R., Schulthess, F., Korie, S., Borgemeister, C. Poehling, M. & K. Cardwell 2003.** Factors Affecting Infestations of the Stalk Borer *Busseola fusca* (Fuller) on Maize in the Forest Zone of Cameroon with special Reference to Scelionid Egg Parasitoids. *Environmental Entomology* 32(1): 51-60.
14. **Premachandra, W.T.S.D., Borgemeister, C., Berndt, O., Ehlers, R.-U. & H.-M Poehling 2003a.** Combined releases of entomopathogenic nematodes and the predatory mite *Hypoaspis aculeifer* to control soil-dwelling stages of western flower thrips *Frankliniella occidentalis*. *BioControl* 48: 529-541.
15. **Premachandra, W.T.S.D., Borgemeister, C., Berndt, O., Ehlers, R.-U. & H.-M Poehling 2003b.** Laboratory bioassays of virulence of entomopathogenic nematodes against soil-inhabiting stages of *Frankliniella occidentalis* Pergande (Thysanoptera: Thripidae). *Nematology* 5: 539-547.
16. **Thoeming, G., Borgemeister, C., Sétamou, M. & H.-M. Poehling 2003.** Systemic Effects of Neem on Western Flower Thrips, *Frankliniella occidentalis* (Thysanoptera: Thripidae). *Journal of Economic Entomology* 96: 817-825.
17. **Tounou A.-K., Poehling, H.-M., Agboka, K., Raupach K., Langewald, J., Zimmermann, G. & Borgemeister, C. 2003.** Evaluation of the Entomopathogenic Fungi *Metarhizium anisopliae* and *Paecilomyces fumosoroseus* (Deuteromycotina: Hyphomycetes) for Control of the Green Leafhopper *Empoasca decipiens* (Homoptera: Cicadellidae) and Potential Side Effects on the Egg Parasitoid *Anagrus atomus* (Hymenoptera: Mymaridae). *Biocontrol Science and Technology* 13(8): 715-728.

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18. **Adda, C., Borgemeister, C., Biliwa, A., Meikle, W.G., Markham, R.H., & H.-M. Poehling 2002.** Assessment of an Integrated Pest Management approach in post-harvest maize: a case study from Togo (West Africa). *Agriculture, Ecosystem and Environment* 93(1-3): 305-321.
19. **Kuklinski, F. & C. Borgemeister 2002.** Cotton pests and their natural enemies in Madagascar. *Journal of Applied Entomology* 126: 55-65.
20. **Raupach, K., Borgemeister, C., Sétamou, M., Poehling, H-M. & M. Hommes 2002.** Effect of temperature and host plants on the bionomics of *Empoasca decipiens* Paoli (Homoptera: Cicadellidae). *Crop Protection* 21(2): 113-119.
21. **Sétamou, M., Schulthess, F., Goergen, G., Poehling, H-M. & C. Borgemeister 2002.** Natural enemies of the maize cob borer, *Mussidia nigrivenella* Ragonot (Lepidoptera: Pyralidae) in Benin, West Africa. *Bulletin of Entomological Research* 92: 343-349.
22. **v. Elling, K., Borgemeister, C., Sétamou, M., & H.-M. Poehling 2002.** The effect of NeemAzal-T/S®, a commercial neem product, on different developmental stages of the common greenhouse white fly *Trialeurodes vaporariorum* Westwood (Hom.: Aleyrodidae). *Journal of Applied Entomology* 126: 40-45.

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23. **Bourassa, C., Vincent, C., Lomer, C.J., Borgemeister, C. & Y. Mauffette 2001.** Effects of entomopathogenic Hyphomycetes against the larger grain borer, *Prostephanus truncatus* (Horn) (Coleoptera: Bostrichidae) and its predator, *Teretriosoma nigrescens* Lewis (Coleoptera: Histeridae). *Journal of Invertebrate Pathology* 77: 75-77.
24. **Chabi-Olaye, A., Schulthess, F., Poehling, H.-M. & C. Borgemeister 2001a.** Host location and host discrimination behavior of *Telenomus isis* (Polaszek) (Hymenoptera: Scelionidae), an egg parasitoid of the African cereal stem borer *Sesamia calamistis* Hampson (Lepidoptera: Noctuidae). *Journal of Chemical Ecology* 27(4): 663-678.
25. **Chabi-Olaye, A., Schulthess, F., Poehling, H.-M. & C. Borgemeister 2001b.** Factors affecting the biology of *Telenomus isis* (Polaszek) (Hymenoptera: Scelionidae), an egg parasitoid of cereal stem borers in West Africa. *Biological Control* 21: 44-54.
26. **Ebssa, L., Borgemeister, C., Berndt, O. & H.-M. Poehling 2001a.** Efficacy of Entomopathogenic Nematodes against Soil-dwelling Life Stages of Western Flower Thrips, *Frankliniella occidentalis* (Thysanoptera: Thripidae). *Journal of Invertebrate Pathology* 78: 119-127.
27. **Ebssa, L., Borgemeister, C., Berndt, O. & H.-M. Poehling 2001b.** Impact of entomopathogenic nematodes on different soil-dwelling stages of Western Flower Thrips, *Frankliniella occidentalis* (Pergande) (Thysanoptera: Thripidae), in the laboratory and under semi-field conditions. *Biocontrol Science and Technology* 11: 515-525.
28. **Ndemah, R., Schulthess, F., Poehling, M., Borgemeister, C. & G. Goergen 2001a.** Natural enemies of lepidopterous borers on maize and elephant grass in the forest zone of Cameroon with special reference to *Busseola fusca* (Fuller) (Lepidoptera: Noctuidae). *Bulletin of Entomological Research* 91(3): 205-212.
29. **Ndemah, R., Schulthess, F., Poehling, M. & C. Borgemeister 2001b.** Spatial dynamics of lepidopterous pests on *Zea mays* (Linnaeus) and *Pennisetum purpureum* (Moench) in the forest zone of Cameroon and their implications for sampling schemes. *Journal of Applied Entomology* 125: 1-8.
30. **Ndemah, R., Schulthess, F., Corie, S., Borgemeister, C. & K.F. Cardwell 2001c.** Distribution, Relative Importance and Effect of Lepidopterous Borers on Maize Yields in the Forest Zone and Mid-Altitude of Cameroon. *Journal of Economic Entomology* 94(6): 1434-1444.

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31. **Ndemah, R., Schulthess, F., Poehling, M. & C. Borgemeister 2000.** Species composition and seasonal dynamics of lepidopterous stem borers on maize and the elephant grass, *Pennisetum purpureum* (Moench) (Poaceae), at two forest margin sites in Cameroon. *African Entomology* 8(2): 265-272.
32. **Schäfer, K., Goergen, G. & C. Borgemeister 2000.** A simplified identification key to distinguish four different species of adult *Dinoderus* (Coleoptera: Bostrichidae), commonly attacking dried cassava chips in West Africa. *Journal of Stored Products Research* 36(3): 245-252.
33. **Sétamou, M., Schulthess, F., Gounou, S., Poehling, H.-M. & C. Borgemeister 2000a.** Host Plants and Population Dynamics of the Ear Borer *Mussidia nigriovenella* (Lepidoptera: Pyralidae) in Benin. *Environmental Entomology* 29(3): 516-524.

34. **Sétamou, M., Schulthess, F., Poehling, H-M. & C. Borgemeister 2000b.** Spatial distribution of and sampling plans for *Mussidia nigrivenella* Ragonot (Lepidoptera: Pyralidae) on cultivated and wild host plants in Benin. *Environmental Entomology* 29(6): 1216-1225.
35. **Sétamou, M., Schulthess, F., Poehling, H-M. & C. Borgemeister 2000c.** Monitoring and Modelling of Field Infestation and Damage by the Maize Ear Borer *Mussidia nigrivenella* (Lepidoptera: Pyralidae) in Benin, West Africa. *Journal of Economic Entomology* 93(3): 650-657.

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36. **Ayertey, J.N., Meikle, W.G., Borgemeister, C., Camara, M. & R.H. Markham 1999.** Studies on predation of *Prostephanus truncatus* (Horn) (Coleoptera: Bostrichidae) and *Sitophilus zeamais* Mots. (Coleoptera: Curculionidae) at different densities on maize by *Teretriosoma nigrescens* Lewis (Coleoptera: Histeridae). *Journal of Applied Entomology* 123(5): 265-271.
37. **Borgemeister, C., Schäfer, K., Goergen, G., Awande, S., Sétamou, M., Poehling, H.-M. & D. Scholz 1999.** Host-finding behavior of *Dinoderus bifoveolatus* (Coleoptera: Bostrichidae), an important pest of stored cassava: The role of plant volatiles and odors of conspecifics. *Annals of the Entomological Society of America* 92(5): 766-771.
38. **Sétamou, M., Schulthess, F., Bosque-Pérez, N.A., Poehling, H-M. & C. Borgemeister 1999.** Bionomics of *Mussidia nigrivenella* (Lepidoptera: Pyralidae) on three host plants. *Bulletin of Entomological Research* 89(5): 465-472.