

Professor Christian Borgemeister

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Career history

2005 – to date International Centre of Insect Physiology and Ecology (<i>icipe</i>) in Nairobi, Kenya	Director General Director General and CEO of the International Centre of Insect Physiology and Ecology (<i>icipe</i>) in Nairobi, Kenya, and since 2006 also Director Research & Partnership of <i>icipe</i> ; providing strategic leadership in all areas of the Centre; key fundraiser of <i>icipe</i> ; strong involvement in project development and grant mobilization; outreach and partnership development
2002 - 2005 Leibniz University Hannover, Institute of Plant Diseases and Plant Protection	Assistant / Associate / Professor for Applied Entomology and Plant Protection Research project development, internationalisation of the Faculty, fundraising, teaching, MSc and PhD student supervision; co-ordination of the Faculty's interdisciplinary project on protected vegetable production in Bangkok, Thailand; additional project work in Colombia, Cameroon, Vietnam and PR China
2000 - 2001 Justus-Liebig University, Faculty of Agriculture, Institute of Phytopathology and Applied Zoology	Visiting Professor for Applied Zoology Research project development, teaching, MSc and PhD student supervision.
1992 - 1997 International Institute for Tropical Agriculture (IITA), Biological Control Centre for Africa, Cotonou, Benin	Postdoc, Associate and Senior Scientist Development of integrated control technologies, with a particular emphasis on biological control, of the larger grain borer, an invasive post-harvest pest of maize and cassava in Africa. I commenced as Post-doc in phase I of this multi- country project, to become the Coordinator in phase II

Recognitions and awards

2011 International Plant Protection Award of Distinction for:
“Contributions toward the Development of Plant Protection Strategies and the Global
Promotion of Food Security”

- Fellow African Academy of Sciences
- Fellow Royal Entomological Society (UK)
- President International Branch of the Entomological Society of America (since
November 2011)
- Vice-President International Branch of the Entomological Society of America
(November 2010 – 2011)
- Editor-in-Chief *International Journal of Tropical Insect Science*
- Member Editorial Board *Bulletin of Entomological Research*
- Member Advisory Board *East African Agricultural and Forestry Journal*
- Regular scientific reviewer for, among others, *Biological Control*, *Environmental
Entomology*, *Entomologia Experimentalis et Applicata*, *Physiological Entomology*, *Biocontrol*

Selected invited talks and keynotes

HUCE Seminar, Harvard University's Centre for the Environment (2012)
Carleton University, Ottawa, Canada (2012)
Tropentag, Bonn, Germany (2011)
Sawicki Lecture, Rothamsted Research, Harpenden, UK (2010)
World Food Prize, Des Moines, USA (2010)
Society for Vector Ecology, Belek, Turkey (2009)
Swedish Agriculture University, Uppsala, Sweden (2009)
Invited Lectures at Kyushu, Kyoto and Tokyo Universities, Japan (2008)
Oxford University, UK (2007)

Memberships and activities in public/ civic/ international affairs

Founding Member, Consortium of National Health Research (CNHR), Kenya
German Council for Research on Tropical and Sub-tropical Agriculture (ATSAF)
Entomological Society of America (ESA)
African Academy of Sciences (AAS)
International Organisation for Biological Control (IOBC)
Royal Entomological Society, UK
South African Entomological Society
African Association of Insect Scientists
German Society for Basic and Applied Entomology (DGaaE)
German Society for Phytomedicine (DPG)

Education

1979 - 1985	Diploma in Agriculture. Georg-August-University Göttingen, Germany
1986 - 1991	PhD in Horticulture (major in entomology). Leibniz University Hannover, Germany
1999	Habilitation in Plant Health. Leibniz University Hannover, Germany

Peer-reviewed publications

2011

1. Jaramillo, J., Muchugu, E., Vega, F., Davis, A., Borgemeister, C. & A. Chabi-Olaye 2011. Some like it hot: the influence and implications of climate change on coffee berry borer (*Hypothenemus hampei*) and coffee production in East Africa. *PLoS ONE* 6(9): e24528. doi:10.1371/journal.pone.0024528.

2010

2. Ferguson, H.M., Dornhaus, A., Beeche, A., Borgemeister, C., Gottlieb, M., Mulla, M.S., Gimnig, J.E., Fish, D., & G.F. Killeen 2010: Ecology: A Prerequisite for Malaria Elimination and Eradication. *PLoS Medicine* 7(8): e1000303, doi:10.1371/journal.pmed.1000303.
3. Jaramillo, J., Chabi-Olaye, A., & C. Borgemeister 2010. Temperature-Dependent Development and Emergence Pattern of *Hypothenemus hampei* (Coleoptera: Curculionidae: Scolytinae) From Coffee Berries. *Journal of Economic Entomology* 103(4): 1159–1165.

2009

4. Klueken, A.M., Borgemeister, C. & B. Hau 2009. Field release of a non-toxigenic *Aspergillus flavus* L strain in central Benin. *Journal of Plant Diseases and Protection* 116: 17–22.
5. Nguyen, T.H.N., Borgemeister, C., Max J. & H.-M. Poehling 2009. Manipulation of ultraviolet light affects immigration behavior of the thrips *Ceratothripoides claratris* in tropical greenhouses. *Journal of Economic Entomology* 102: 1559-1566.
6. Jaramillo, J., Chabi-Olaye, A., Poehling, H.M., Kamonjo, Ch. & C. Borgemeister 2009a. Development of a new laboratory production technique for coffee berry borer *Hypothenemus hampei* (Ferrari) (Coleoptera: Curculionidae, Scolytinae), using fresh coffee berries. *Entomologia, Experimentalis et Applicata* 130(3): 275-281.
7. Jaramillo, J., Chabi-Olaye, A., Borgemeister, C., Kamonjo, Ch., Poehling, H.M., Kamonjo & F. Vega 2009b. Where to sample? Ecological implications of sampling strata in determining abundance and impact of natural enemies of the coffee berry borer, *Hypothenemus hampei*. *Biological Control* 49: 245–253.
8. Jaramillo, J., Chabi-Olaye, A., Kamonjo, Ch., Vega, F., Poehling, H.M., K& C. Borgemeister 2009c. Thermal tolerance of the coffee berry borer *Hypothenemus hampei*: Predictions of climate change impact on a tropical insect pest. *PLoS ONE* 4(8): e6487. doi:10.1371/journal.pone.0006487.

2008

9. Hossain, M.B., Poehling, H.-M., Thöming, G. & C. Borgemeister 2008. Effects of soil application of neem (NeemAzal®-U) on different life stages of *Liriomyza sativae* (Diptera: Agromyzidae) on tomato in the humid tropics. *Journal of Plant Diseases and Protection* 115: 80–87.
10. Chabi-Olaye, A., Schulthess, F. & C. Borgemeister 2008. Effects of nitrogen and potassium combinations on the yields and infestations of maize by *Busseola fusca* (Lepidoptera: Noctuidae) in the humid forest of Cameroon. *Journal of Economic Entomology* 101: 90-98.
11. Kumar, P., Whitten, M., Thoeming, G., Borgemeister, & H.-M. Poehling 2008. Effects of bio-pesticides on *Eretmocerus warrae* (Hym., Aphelinidae), a parasitoid of *Bemisia tabaci* (Hom., Aleyrodidae). *Journal of Applied Entomology* (doi:10.1111/j.1439-0418.2008.01282.x).
12. Nguyen, N.T.H., Borgemeister, C., Poehling, H.-M. & G. Zimmermann 2008. Laboratory investigations on the potential of entomopathogenic fungi for biocontrol of *Helicoverpa armigera* (Lepidoptera: Noctuidae) larvae and pupae. *Biocontrol, Science and Technology* 17: 853-864.

2007

13. Chabi-Olaye, A., Nolte, C., Schulthess, F. & C. Borgemeister 2007. Short-term effects of cover crops on stem borers and maize yield in the humid forest of southern Cameroon. In: A. Bationo,

B. Waswa, J. Kihara & J. Kimetu [eds.]: *Advances in Integrated Soil Fertility Management in sub-Saharan Africa: Challenges and Opportunities*. Springer, Heidelberg, New York, 227-239.

2006

14. Chabi-Olaye, A., Nolte, C., Schulthess, F. & C. Borgemeister 2006a. Relationships of soil fertility and stem borers damage to yield in maize-based cropping system in Cameroon. *Annales de la Société Entomologique de France* 42(3-4): 471-479.
15. Chabi-Olaye, A., Nolte, C., Schulthess, F. & C. Borgemeister 2006b. The role of inland valleys in the management of stem borers and their natural enemies in upland maize fields in the humid forest zone of Cameroon. *Environmental Entomology* 35: 282-292.
16. Ebssa, L., Borgemeister, C. & H.-M. Poehling 2006. Simultaneous Application of Entomopathogenic Nematodes and Predatory Mites to Control Western Flower Thrips *Frankliniella occidentalis*. *Biological Control* 39: 66-74.
17. Jaramillo, J. & C. Borgemeister 2006. New bioassay method to assess the pathogenicity of Colombian strains of *Metarhizium anisopliae* (Metsch.) Sorokin and *Paecilomyces* sp. (Deuteromycotina: Hyphomycetes) against the subterranean burrower bug *Cyrtomenus bergi* Froeschner (Hemiptera: Cydnidae). *Journal of Invertebrate Pathology* 91: 57-60.
18. Jaramillo, J., Borgemeister, C. & M. Sétamou 2006a. Field superparasitism by *Phymastichus coffea*, a parasitoid of adult coffee berry borer, *Hypothenemus hampei*. *Entomologia Experimentalis et Applicata* 119: 231-237.
19. Jaramillo, J., Borgemeister, C. & P. Baker 2006b. Coffee berry borer *Hypothenemus hampei* (Ferrari) (Coleoptera: Curculionidae: Scolytinae): Searching for sustainable control strategies (review paper). *Bulletin of Entomological Research* 96: 223-233.
20. Xu, X., Borgemeister, C. & H.-M. Poehling 2006. Interactions in the biological control of western flower thrips *Frankliniella occidentalis* (Pergande) and two-spotted spider mite *Tetranychus urticae* Koch by the predatory bug *Orius insidiosus* Say on beans. *Biological Control* 36: 57-64.
21. Ako, M., Poehling, H.-M., Borgemeister, C. & R. Nauen 2006. Effect of imidacloprid on the reproduction of acaricide-resistant and susceptible strains of *Tetranychus urticae* Koch (Acari: Tetranychidae). *Pesticide Management Science* 62: 419-424.

2005

22. Belay, D., Ebssa, L. & C. Borgemeister 2005. Time and frequency of applications of entomopathogenic nematodes and their persistence for control of western flower thrips *Frankliniella occidentalis*. *Nematology* 7: 611-622.
23. Chabi-Olaye, A., Nolte, C., Schulthess, F. & C. Borgemeister 2005a. Relationships between stem borer damage, maize yield and land-use efficiency in maize intercrops in the humid forest zone of Cameroon. *Bulletin of Entomological Research* 95: 417-427.
24. Chabi-Olaye, A., Nolte, C., Schulthess, F. & C. Borgemeister 2005b. Abundance, dispersion and parasitism of the stem borer *Busseola fusca* (Lepidoptera: Noctuidae) in mono- and intercropped maize in the humid forest zone of southern Cameroon. *Bulletin of Entomological Research* 95: 169-177.
25. Chabi-Olaye, A., Nolte, C., Schulthess, F. & C. Borgemeister 2005d. Effects of grain legumes and cover crops on maize yield and plant damage by *Busseola fusca* (Fuller) (Lepidoptera: Noctuidae) in the humid forest of southern Cameroon. *Agriculture, Ecosystem & Environment* 108: 17-28.

26. Hondelmann, P., Borgemeister, C. & H.-M. Poehling 2005. Restriction fragment-length polymorphisms of different DNA regions as genetic markers in the hoverfly *Episyrphus balteatus* (Diptera: Syrphidae). *Bulletin of Entomological Research* 95: 349-359.
27. Jaramillo, J., Borgemeister, C., Ebssa, L., Gaigl, A., Tobón, R. & G. Zimmermann 2005a. Effect of combined applications of *Metarhizium anisopliae* (Metsch.) Sorokin (Deuteromycotina: Hyphomycetes) strain CIAT 224 and different dosages of imidacloprid on the subterranean burrower bug *Cyrtomenus bergi* Froeschner (Hemiptera: Cydnidae). *Biological Control* 34: 12-20.
28. Jaramillo, J., Bustillo, A.E., Montoya, E.C. & C. Borgemeister 2005b. Biological control of the coffee berry borer *Hypothenemus hampei* (Ferrari) (Coleoptera: Curculionidae, Scolytinae) by *Phymastichus coffea* LaSalle (Hymenoptera: Eulophidae) in Colombia. *Bulletin of Entomological Research* 95: 467-472.
29. Kumar, P., Poehling, H.-M. & C. Borgemeister 2005. Effects of different application methods of azadirachtin against sweetpotato whitefly *Bemisia tabaci* Gennadius (Hom., Aleyrodidae) on tomato plants. *Journal of Applied Entomology* 129: 489-497.
30. Mutwiwa, U.N., Borgemeister, C., von Elsner, B. & H.-J. Tantau 2005. Effects of UV-absorbing plastic films on the greenhouse whitefly *Trialeurodes vaporariorum* (Homoptera: Aleyrodidae). *Journal of Economic Entomology* 98: 1221-1228.
31. Premachandra, D.W.T.S.D., Borgemeister, C., Sétamou, M., Achilles, T. & H.-M. Poehling 2005a. Spatio-temporal Distribution and Population Dynamics of *Ceratothripoides claratris* (Thysanoptera: Thripidae) on Tomatoes in Thailand. *Environmental Entomology* 34: 883-890.
32. Premachandra, D.W.T.S.D., Borgemeister, C., & H.-M. Poehling 2005b. Effects of Neem and Spinosad on *Ceratothripoides claratris* (Shumsher) (Thysanoptera: Thripidae), an Important Vegetable Pest in Thailand, under Laboratory and Greenhouse Conditions. *Journal of Economic Entomology* 98: 438-448.
33. Premachandra, D.W.T.S.D., Borgemeister, C., Maiss, E., Knierim, D. & H.-M. Poehling 2005c. *Ceratothripoides claratris*, a new vector of a Capsicum chlorosis virus isolate infecting tomatoes in Thailand. *Phytopathology* 95: 659-663.
34. Tounou, A.-K., Gounou, S., Borgemeister, C., Goumedzoe, Y.M.D. & F. Schulthess 2005. Susceptibility of *Eldana saccharina* (Lepidoptera: Pyralidae), *Busseola fusca* and *Sesamia calamistis* (Lepidoptera: Noctuidae) to *Bacillus thuringiensis* Cry Toxins and Potential Side Effects on the Larval Parasitoid *Cotesia sesamiae* (Hymenoptera: Braconidae). *Biocontrol, Science and Technology* 15: 127-137.
35. Neuenschwander, P., Borgemeister, C. & J. Langewald [eds.] 2003. Biological Control in IPM Systems in Africa. *CAB International*, Wallingford, UK, xxii + 414pp.

2004

36. Borgemeister, C. 2004. The larger grain borer *Prostephanus truncatus* (Horn) (Coleoptera: Bostrichidae), an exotic outbreak pest of stored maize and cassava in Africa. In: Capinera, J.L. [ed.]: *Encyclopedia of Entomology*. *Kluwer Academic Press* 512-515.
37. 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.

38. 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* 97(5): 1587-1594.
39. 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.
40. 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* 112: 65-72.
41. Ebssa, L., Borgemeister, C. & H.-M. Poehling 2004c. Efficacy of entomopathogenic nematodes against western flower thrips *Frankliniella occidentalis* at different pupation depths. *Nematology* 6(4): 495-505.
42. 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.
43. 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* 94: 377-384.
44. 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.
45. Struck, L., Ebssa, L., Ehlers, R.-U., Poehling, H.-M., Gaigl, A. & C. Borgemeister 2004. Interactions between host plants, subterranean burrower bug *Cyrtomenus bergi* and entomopathogenic nematode *Heterorhabditis megidis*. *Nematology* Vol. 6(5): 633-639.

2003

46. Borgemeister, C., Holst, N. & R.J. Hodges 2003. Biological control and other pest management options for larger grain borer *Prostephanus truncates*, pp. 311-328. In: Neuenschwander, P., Borgemeister, C. & J. Langewald [eds.]: Biological control in IPM systems in Africa. CAB International, Wallingford, UK, xxii + 414pp.
47. 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.
48. 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.
49. 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.
50. 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.
51. 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.
 52. 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.
 53. 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.
 54. 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.
 55. Neuenschwander, P., Langewald, J., Borgemeister, C. & B. James 2003. Biological control for increased agricultural productivity, poverty reduction and environmental protection in Africa, pp. 377-405. In: Neuenschwander, P., Borgemeister, C. & J. Langewald [eds.]: Biological control in IPM systems in Africa. *CAB International*, Wallingford, UK, xxii + 414pp.

2002

56. 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.
57. Hill, G., Borgemeister, C. & C. Nansen 2002. Ecological studies on the Larger Grain Borer, *Prostephanus truncatus* (Horn) (Coleoptera: Bostrichidae) and their implications for Integrated Pest Management. *Integrated Pest Management Reviews* 7: 201-221.
58. Kuklinski, F. & C. Borgemeister 2002. Cotton pests and their natural enemies in Madagascar. *Journal of Applied Entomology* 126: 55-65.
59. 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.
60. 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.
61. 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.

2001

62. Borgemeister, C. & H.-M. Poehling [eds.] 2001. Integrated control in cereal crops. Proceedings of an IOBC-WPRS working group meeting, Gödöllő, Hungary 9-12 September 1999. *Bulletin IOBC/WPRS* Vol. 24(6).
63. 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, *Teretriosa nigrescens* Lewis (Coleoptera: Histeridae). *Journal of Invertebrate Pathology* 77: 75-77.
64. 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.
65. 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.
66. 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.
67. 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.
68. 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.
69. 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.
70. 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.

2000

71. 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.
72. 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.
73. Sétamou, M., Schulthess, F., Gounou, S., Poehling, H.-M. & C. Borgemeister 2000a. Host Plants and Population Dynamics of the Ear Borer *Mussidia nigricornis* (Lepidoptera: Pyralidae) in Benin. *Environmental Entomology* 29(3): 516-524.

74. 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.
75. 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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