

CABI staff publications in 2013

CABI author staff names are in bold.

Published papers	1
Published abstracts.....	11
Theses	17
Extension materials.....	17
Patents	17

Published papers

- Abram, P.K., Boivin, G., **Haye, T.** and Mason, P.G. (2013) *Contarinia nasturtii* Kieffer, swede midge (Diptera: Cecidomyiidae). In: Mason, P.G. and Gillespie, D.R. (eds) *Biological Control Programmes in Canada, 2001–2012*. CABI, Wallingford, UK, pp. 134–138.
- Adams, I.P., Miano, D.W., Kinyua, Z.M., Wangai, A., Kimani, E., **Phiri, N.**, **Reeder, R.**, Harju, V., Glover, R., Hany, U., Souza-Richards, R., Deb Nath, P., Nixon, T., Fox, A., Barnes, A., Smith, J., Skelton, A., Thwaites, R., Mumford, R. and Boonham, N. (2013) Use of next-generation sequencing for the identification and characterization of maize chlorotic mottle virus and sugarcane mosaic virus causing maize lethal necrosis in Kenya. *Plant Pathology* 62(4), 741–749.
- Afari-Sefa, V., Chagomoka, T., **Karanja, D.K.**, Njeru, E., Samali, S., Katunzi, A., Mtwaenzi, H. and Kimenye, L (2013) Private contracting versus community seed production systems: experiences from farmer-led seed enterprise development of indigenous vegetables in Tanzania. *Acta Horticulturae* 1007, 671–680.
- Al-Shanfari, A., Hountondji, F.C.C., Al-Zawamri, H., Rawas, H., Al-Mashiki, Y., Moraes, G.J. de, **Moore, D.** and Gowen, S.R. (2013) Occurrence and seasonal prevalence of the coconut mite, *Aceria guerreronis* (Eriophyidae), and associated arthropods in Oman. *Experimental and Applied Acarology* 60(2), 139–151.
- Anjara, P., Breton, F., Nelson, S., Rahmaningsih, M., Setiawati, U., Virdiana, I. and **Flood, J.** (2013) Some approaches to *Ganoderma* management in Sumatra. In: *Proceedings of the MPOB International Palm Oil Congress (PIPOC 2013) – Green Opportunities from the Golden Crop*, Kuala Lumpur, Malaysia, 19–21 November 2013. Malaysian Palm Oil Board, Kajang, Malaysia, A06, 8 pp.
- Augustin, J.O., Groenewald, J.Z., Nascimento, R.J., Mizubuti, E.S.G., Barreto, R.W., Elliot, S.L. and **Evans, H.C.** (2013) Yet more “weeds” in the garden: fungal novelties from nests of leaf-cutting ants. *PLoS ONE* 8(12): e82265, 17 pp.
doi:10.1371/journal.pone.0082265
- Bailey, B., **Crozier, J.**, Sicher, R.C., Strem, M.D., Melnick, M., Carazzolle, M.F., Costa, G., Pereira, G., Zhang, D., Maximova, S., Guiltinan, M. and Meinhardt, L. (2013) Dynamic changes in pod and fungal physiology associated with the shift from biotrophy to necrotrophy during the infection of *Theobroma cacao* by *Moniliophthora roreri*. *Physiological and Molecular Plant Pathology* 81, 84–96.
- Baker, P.S.** (2013) Coffee as a global system. In: Thurston, R.W., Morris, J. and Steiman, S. (eds) *Coffee: a Comprehensive Guide to the Bean, the Beverage, and the Industry*. Rowman & Littlefield, Lanham, Maryland, pp. 26–29.

- Baker, P.S.** (2013) The 2012 Latin American coffee rust outbreak: “black swan” or “new normal”. In: *Risk and Finance in the Coffee Sector. Progress Report on the Joint Study by the International Coffee Association and the World Bank*. International Coffee Association, London, UK, and World Bank, Washington, DC, pp. 39–43.
<http://dev.ico.org/documents/cy2012-13/cg-12e-study-ico-world-bank.pdf>
- Baker, P.S.** (2013) The changing climate for sustainable coffee. In: *Proceedings of the 24th International Conference on Coffee Science*, San José, Costa Rica, 12–16 November 2012. Association for Science and Information on Coffee, Bussigny, Switzerland, pp. 603–610.
- Becker, R.L., **Gerber, E.**, **Hinz, H.L.**, Katovich, E., Panke, B., Renz, M., Reardon, R. and Van Riper, L.C. (2013) *Biology and Biological Control of Garlic Mustard*. USDA Forest Service, Forest Health Technology Enterprise Team, Morgantown, West Virginia, FHTET-2012-05, 61 pp.
- Becker, R.L., Katovich, E.J.S., **Hinz, H.L.**, **Gerber, E.**, Ragsdale, D.W., Venette, R.C., McDougall, D.N., Reardon, R., Van Riper, L.C., Skinner, L.C. and Landis, D.A. (2013) The garlic mustard (*Alliaria petiolata*) case, what makes a good biological control target: the intersection of science, perspectives, policy and regulation. In: Wu, Y., Johnson, T., Sing, S., Raghu, S., Wheeler, G., Pratt, P., Warner, K., Center, T., Goolsby, J. and Reardon, R. (eds) (2013) *Proceedings of the XIII International Symposium on Biological Control of Weeds*, Waikoloa, Hawaii, 11–16 September 2011. USDA Forest Service, Forest Health Technology Enterprise Team, Morgantown, West Virginia, FHTET-2012-07, pp. 332–339.
- Bentley, J. and Boa, E.** (2013) The snowman outline: fact sheets by extensionists for farmers. *Development in Practice* 23, 440–448.
- Bigirimana, J., Njoroge, K., Muthomi, J.W., Gahakwa, D., **Phiri, N.A.**, Gichuru, E.K. and Walyaro, D.J. (2013) Genetic diversity among disease resistant coffee varieties and cultivars in Rwanda based on RAPD and SSR markers. *Journal of Renewable Agriculture* 1(6), 106–112. doi:10.12966/jra.09.01.2013
- Bouchier, R.S., Grevstad, F. and **Shaw, R.** (2013) *Fallopia japonica* (Houtt.) Ronse Decraene, Japanese knotweed, *Fallopia sachalinensis* (F. Schmidt) Ronse Decraene, giant knotweed, *Fallopia x bohemica* (Chrtek & Chrtková) J. P. Bailey, Bohemian knotweed (Polygonaceae). In: Mason, P.G. and Gillespie, D.R. (eds) *Biological Control Programmes in Canada, 2001–2012*. CABI, Wallingford, UK, pp. 321–328.
- Bouchier, R.S., Weed, A., Casagrande, R., **Gassmann, A.**, Smith, S.M. and Cappuccino, N. (2013) *Vincetoxicum nigrum* (L.) Moench, *V. rossicum* (Kleopow) Barbar., swallow-worts, dog strangling vine (Apocynaceae). In: Mason, P.G. and Gillespie, D.R. (eds) *Biological Control Programmes in Canada, 2001–2012*. CABI, Wallingford, UK, pp. 378–383.
- Boy, G. and **Witt, A.** (2013) *Invasive Alien Plants and their Management in Africa*. CABI Africa, Nairobi, Kenya, 179 pp.
- Bridge, P.D.** (2013) Pragmatic characterization of fungal plant pathogens: some practical examples. *Indian Phytopathology* 66(2), 117–124.
- Bridge, P.D.** and **Buddie, A.** (2013) *Talaromyces versatilis* Bridge & Buddie. *Index Fungorum* 26, 1. www.indexfungorum.org/Names/NamesRecord.asp?RecordID=550190
- Broadbent, A.B., **Haye, T.**, Gariepy, T., Olfert, O. and **Kuhlmann, U.** (2013) *Lygus lineolaris* (Palisot), tarnished plant bug (Hemiptera: Miridae). In: Mason, P.G. and Gillespie, D.R. (eds) *Biological Control Programmes in Canada, 2001–2012*. CABI, Wallingford, UK, pp. 221–227.

- Brubaker, J., **Danielsen, S.**, Olupot, M., **Romney, D.** and Ochatum, N. (2013) Impact evaluation of plant clinics: Teso, Uganda. *CABI Working Paper* 6, 88 pp.
- Cabrera Walsh, G., Maestro, M., Dalto, Y.M., **Shaw, R.**, **Seier, M.**, **Cortat, G.** and **Djeddour, D.** (2013). Persistence of floating pennywort patches (*Hydrocotyle ranunculoides*, Araliaceae) in a canal in its native temperate range: effect of its natural enemies. *Aquatic Botany* 110, 78–83.
- Cappuccino, N., **Haye, T.**, Tewksbury, L. and Casagrande, R. (2013) *Lilioceris lili* (Scopoli), lily leaf beetle (Coleoptera: Chrysomelidae). In: Mason, P.G. and Gillespie, D.R. (eds) *Biological Control Programmes in Canada, 2001–2012*. CABI, Wallingford, UK, pp. 208–213.
- Clewley, G.D.**, **Eschen, R.**, **Shaw, R.H.** and Wright, D.J. (2013) The effectiveness of classical biological control of invasive plants. *Journal of Applied Ecology* 49, 1287–1295.
- Cock, M.J.W.** (2013) *Batrachedra nuciferae*, an inflorescence-feeding moth associated with coconut, *Cocos nucifera*, and palmiste, *Roystonea oleracea*, in Trinidad, West Indies. *Journal of Insect Science* 13(124), 16 pp.
- Cock, M.J.W.** (2013) Collections of Lepidoptera from Trinidad and Venezuela by Ralph du Boulay Evans (1891–1929). *Living World, Journal of the Trinidad and Tobago Field Naturalists' Club* 2013, 83–84.
- Cock, M.J.W.** (2013) The skipper butterflies (Hesperiidae) of Trinidad. Part 20. Hesperiinae, Moncini: the remaining genera of mostly unmarked brown species: *Eutocus*, *Eprius*, *Mnasicles*, *Methionopsis*, *Sodalia*, *Thargella*, *Nastra*, *Mnasilus*, *Mnasitheus* and *Papias*. *Living World, Journal of the Trinidad and Tobago Field Naturalists' Club* 2013, 1–18.
- Cock, M.J.W.** and **Allard, G.B.** (2013) Observations on white grubs affecting sugar cane at the Juba Sugar Project, south-western Somalia in the 1980s, and implications for their management. *Insects* 4, 241–272.
- Cock, M.J.W.** and Alston-Smith, S. (2013) *Udranomia* spp. (Lepidoptera, Hesperiidae, Eudaminae) in Trinidad, West Indies. *Living World, Journal of the Trinidad and Tobago Field Naturalists' Club* 2013, 29–31.
- Cock, M.J.W.** and Burris, D.H. (2013) Neotropical palm-inflorescence feeding moths (Lepidoptera: Batrachedridae, Blastobasidae, Cosmopterigidae, Gelechiidae, Pyralidae, Tineidae): a review of the literature and new records from Trinidad, West Indies. *Journal of Research on the Lepidoptera* 46, 1–21.
- Cock, M.J.W.** and Congdon, T.C.E. (2013) Observations on the biology of Afrotropical Hesperiidae (Lepidoptera) principally from Kenya. Part 5. Hesperiinae incertae sedis: dicotyledon feeders. *Zootaxa* 3724, 1–85.
- Cock, M.J.W.**, Biesmeijer, J.C., Cannon, R.J.C., Gerard, P.J., Gillespie, D., Jiménez, J.J., Lavelle, P.M. and Raina, S.K. (2013) The implications of climate change for positive contributions of invertebrates to world agriculture. *CAB Reviews* 8, 28, 48 pp.
- Cross, A.E.** and **Poswal, M.A.** (2013) Dossier on *Pauesia antennata* (Mukerji): biological control agent for the brown peach aphid, *Pterochloroides persicae*, in Yemen. *CABI Working Paper* 5, iii + 23 pp.
- Danielsen, S.**, **Boa, E.**, Mafabi, M., Mutebi, E., **Reeder, R.**, Kabeere, F. and Karyeija, R. (2013) Using plant clinic registers to assess the quality of diagnoses and advice given to farmers: a case study from Uganda. *Journal of Agricultural Education and Extension* 19, 183–201.

- Danielsen, S.**, Centeno, J., López, J., Lezama, L., Varela, G., Castillo, P., Narváez, C., Zeledón, I., Pavón, F. and **Boa, E.** (2013) Innovations in plant health services in Nicaragua: from grassroots experiment to a systems approach. *Journal of International Development* 25(7), 968–986.
- Day, M.D., Kawi, A.P. and **Ellison, C.A.** (2013) Assessing the potential of the rust fungus *Puccinia spegazzinii* as a classical biological control agent for the invasive weed *Mikania micrantha* in Papua New Guinea. *Biological Control* 67, 253–261.
- Day, R.K.** (2013) More trade, safer trade: strengthening developing countries' sanitary and phytosanitary (SPS) capacity. *CABI Working Paper* 4, 33 pp.
- Decraemer, W. and **Hunt, D.J.** (2013). Structure and classification. In: Perry, R.N. and Moens, M. (eds) *Plant Nematology*, 2nd edn. CABI, Wallingford, UK, pp. 3–39.
- Djeddour, D.** (2013) Workshop report: wild gingers (*Hedychium* spp.). In: Wu, Y., Johnson, T., Sing, S., Raghu, S., Wheeler, G., Pratt, P., Warner, K., Center, T., Goolsby, J. and Reardon, R. (eds) (2013) *Proceedings of the XIII International Symposium on Biological Control of Weeds*, Waikoloa, Hawaii, 11–16 September 2011. USDA Forest Service, Forest Health Technology Enterprise Team, Morgantown, West Virginia, FHTET-2012-07, p. 496.
- Eschen, R.**, Müller-Schärer, H. and **Schaffner, U.** (2013) Plant interspecific differences in arbuscular mycorrhizal colonization as a result of soil carbon addition. *Mycorrhiza* 23, 61–70.
- Evans, H.C.** (2013) Biological control of weeds with fungi. In: Kempken, F. (ed.) *The Mycota: Agricultural Applications XI*, 2nd edn. Springer, Berlin, Germany, pp. 145–172.
- Evans, H.C.** (2013) Fungal pathogens of spiders. In: Nentwig, W. (ed.) *Spider Ecophysiology*. Springer, Berlin, Germany, pp. 107–121.
- Evans, H.C.**, Bezerra, J.L. and Barreto, R.W. (2013) Of mushrooms and chocolate trees: aetiology and phylogeny of witches' broom and frosty pod diseases of cacao. *Plant Pathology* 62(4), 728–740. doi:10.1111/ppa.12010
- Evans, H.C.**, **Seier, M.K.**, Derby, J.-A., Falk, S. and Bailey, K.L. (2013) Tracing the origins of white tip disease of *Cirsium arvense* and its causal agent, *Phoma macrostoma*. *Weed Research* 53, 42–52.
- Flood, J.** and **Lum, K.Y.** (2013) Quarantine tools for evading oil palm pests and diseases. In: *Proceedings of the 5th MPOB-IOPRI International Seminar on Sustainable Management of Pests and Diseases in Oil Palm – the Way Forward*, Kuala Lumpur, Malaysia, 22–23 November 2013. Malaysian Palm Oil Board, Kajang, Malaysia, pp. 153–161.
- Foxcroft, L.C., **Witt, A.** and Lotter, W.D. (2013) Icons in peril: invasive alien plants in African protected areas. In: Foxcroft, L.C., Pyšek, P., Richardson, D.M. and Genovesi, P. (eds) *Plant Invasions in Protected Areas: Patterns, Problems and Challenges*. Springer, Dordrecht, the Netherlands, pp. 117–143.
- Gaskin, J.F., Schwarzländer, M., **Hinz, H.L.**, Williams, L., **Gerber, E.**, Rector, B.G. and Zhang, D.Y. (2013) Genetic identity and diversity of perennial pepperweed in its native and invaded ranges. *Invasive Plant Science and Management* 6(2), 268–280.
- Gillespie, D.R., Olfert, O.O. and **Cock, M.J.W.** (2013) Climate change and biological control in Canada. In: Mason, P.G. and Gillespie, D.R. (eds) *Biological Control Programmes in Canada, 2001–2012*. CABI, Wallingford, UK, pp. 12–22.

- Gómez Lozano, R., Anderson, L., Akins, J.L., Buddo, D.S.A., García-Moliner, G., Gourdin, F., Laurent, M., Lilyestrom, C., Morris, Jr., J.A., **Ramnanan, N.** and Torres, J.A. (2013) Regional Strategy for the Control of Invasive Lionfish in the Wider Caribbean. International Coral Reef Initiative, 31 pp. www.icriforum.org/sites/default/files/ICRI_lionfish_Strategy_En.pdf
- Gourlay, A.H., **Shaw, R.** and **Cock, M.J.W.** (2013) Workshop report: The Nagoya Protocol on access to genetic resources under the Convention on Biological Diversity. In: Wu, Y., Johnson, T., Sing, S., Raghu, S., Wheeler, G., Pratt, P., Warner, K., Center, T., Goolsby, J. and Reardon, R. (eds) (2013) *Proceedings of the XIII International Symposium on Biological Control of Weeds*, Waikoloa, Hawaii, 11–16 September 2011. USDA Forest Service, Forest Health Technology Enterprise Team, Morgantown, West Virginia, FHTET-2012-07, pp. 493–495.
- Grevstad, F., **Shaw, R.**, Bourchier, R., Sanguankeo, P., **Cortat, C.** and Reardon, R.C. (2013) Efficacy and host specificity compared between two populations of the psyllid *Aphalara itadori*, candidates for biological control of invasive knotweeds in North America. *Biological Control* 65, 53–62.
- Grzywacz, D., **Moore, D.** and Rabindra, R.J. (2014) Mass production of entomopathogens in less industrialized countries. In: Morales-Ramos, J., Rojas, G. and Shapiro-Ilan, D.I. (eds) *Mass Production of Beneficial Organisms: Invertebrates and Entomopathogens*. Academic Press, Elsevier, London, pp. 519–561.
- Hauser, S. and **Norgrove, L.** (2013) Slash-and-burn agriculture, effects of. In: Levin, S.A. (ed.) *Encyclopedia of Biodiversity, 2nd edn, Volume 6*. Academic Press, Waltham, Massachusetts, pp. 551–562.
- Haye, T.**, Mason, P.G., Dosdall, L.M., Gillespie, D.R., Gibson, G.A.P. and **Kuhlmann, U.** (2013) *Ceutorhynchus obstrictus* (Marsham), cabbage seedpod weevil (Coleoptera: Curculionidae). In: Mason, P.G. and Gillespie, D.R. (eds) *Biological Control Programmes in Canada, 2001–2012*. CABI, Wallingford, UK, pp. 119–129.
- Haye, T.**, Olfert, O., Weiss, R.M., Gariepy, T.D., Broadbent, B. and **Kuhlmann, U.** (2013) Bioclimatic analyses of distributions of a parasitoid *Peristenus digoneutis* and its host species *Lygus* spp. in Europe and North America. *Agricultural and Forest Entomology* 15, 43–55.
- Hernandez-Vera, G., Caldara, R., **Toševski, I.** and Emerson, B.C. (2013) Molecular phylogenetic analysis of archival tissue reveals the origin of a disjunct southern African–Palaearctic weevil radiation. *Journal of Biogeography* 40, 1348–1359.
- Hinz, H.L.**, Bourchier, R.S. and Schwarzländer, M. (2013) *Lepidium draba* L., *L. chalepense* L., *L. appelianum* Al-Shehbaz, hoary cresses (Brassicaceae). In: Mason, P.G. and Gillespie, D.R. (eds) *Biological Control Programmes in Canada, 2001–2012*. CABI, Wallingford, UK, pp. 332–337.
- Holden, S.T. and **Lunduka, R.W.** (2013) Who benefit from Malawi's targeted farm input subsidy program? *Forum for Development Studies* 40, 1–25.
- Holliday, N.J., Andreassen, L.D., Dixon, P.L. and **Kuhlmann, U.** (2013) *Delia radicum* (L.), cabbage maggot (Diptera: Anthomyiidae). In: Mason, P.G. and Gillespie, D.R. (eds) *Biological Control Programmes in Canada, 2001–2012*. CABI, Wallingford, UK, pp. 142–151.
- Hulme, P.E., Pyšek, P., Jarošík, V., Pergl, J., **Schaffner, U.** and Vilà, M. (2013) Bias and error in understanding plant invasion impacts. *Trends in Ecology and Evolution* 28(4), 212–218.

- Jakovljević, M., Kosovac, A., Krstić, O., Mitrović, M., Jović, J., **Toševski, I.** and Cvrković, T. (2013) Diverzitet faune cikada podfamilije Deltocephalinae u agroekosistemima Srbije i potencijalni vektori fitoplazmi. [Diversity of Auchenorrhyncha species of subfamily Deltocephalinae in Serbian agroecosystems and potential phytoplasma vectors. *Zaštita bilja (Plant Protection)* 64(3), 134–143. [In Serbian, English abstract]
- Jassogne, L., Nibasumba, A., **Wairegi, L.**, Baret, P.V., Deraeck, J., Mukasa, D., Wanyama, I., Bongers, G. and van Asten, P.J.A. (2013) Coffee/banana intercropping as an opportunity for smallholder coffee farmers in Uganda, Rwanda and Burundi. In: Blomme, G., van Asten, P. and Vanlauwe, B. (eds) *Banana Systems in the Humid Highlands of Sub-Saharan Africa: Enhancing Resilience and Productivity*. CABI, Wallingford, UK, pp 144–149
- Jenner, W.H., Jenner, E.J., Kuhlmann, U.**, Bennett, A.M. and Cossentine, J.E. (2013) *Enarmonia formosana* Scopoli, cherry bark tortrix (Lepidoptera: Tortricidae). In: Mason, P.G. and Gillespie, D.R. (eds) *Biological Control Programmes in Canada, 2001–2012*. CABI, Wallingford, UK, pp. 156–163.
- Jongschaap R.E.E., **Kenis M., Ellison C.**, Rouamba M. and Freyer B. (2013) Jatropha growth and oilseed production in Africa. ERA-ARD. Jatropha Facts Series, Issue 1, 4 pp. www.cde.unibe.ch/News%20Files/BIA_policy_brief_jatropha_grows.pdf
- Kairo, M.T.K., Paraiso, O., Gautam, R.D. and **Peterkin, D.D.** (2013) *Cryptolaemus montrouzieri* (Mulsant) (Coccinellidae: Scymninae): a review of biology, ecology, and use in biological control with particular reference to potential impact on non-target organisms. *CAB Reviews* 8, 5, 20 pp.
- Katsanevakis, S., Genovesi, P., Gaiji, S., Hvid, H.N., Roy, H., Nunes, A.L., Aguado, F.S., Bogucarskis, K., Debusscher, B., Deriu, I., Harrower, C., Josefsson, M., Lucy, F.E., **Richards, G.**, Trichkova, T., Vanderhoeven, S., Zenetos, A. and Cardoso, A.C. (2013) Implementing the European policies for alien species – networking, science, and partnership in a complex environment. *Management of Biological Invasions* 4, 3–6.
- Katsanis, A., Babendreier, D., Nentwig, W. and Kenis, M.** (2013) Intraguild predation between the invasive ladybird *Harmonia axyridis* and non-target European coccinellid species. *Biocontrol* 58, 73–83.
- Kenis, M., Nacambo, S., Leuthardt, F.L.G., di Domenico, F., Haye, T.** (2013) The box tree moth, *Cydalima perspectalis*, in Europe: horticultural pest or environmental disaster? *Alien* 33, 38–41.
- Kirichenko, N., **Péré, C.**, Baranchikov, Y., **Schaffner, U.** and **Kenis, M.** (2013) Do alien plants escape from natural enemies of congeneric residents? Yes but not from all. *Biological Invasions* 15, 2105–2113.
- Kurose, D., Furuya, N., **Djeddour, D., Evans, H.C.**, Tsushima, S. and Tsuchiya, K. (2013) Distribution of fungal diseases occurring on *Fallotia japonica* in Japan. *Kyushu Plant Protection Research* 59, 31–37.
- Leach, M.C. and Hobbs, S.L.A.** (2013) Plantwise knowledge bank: delivering plant health information to developing country users. *Learned Publishing* 26, 180–185.
- Lukuyua, B.A., Murdoch, A.J., **Romney, D.**, Mwangi, D.M., Njuguna, J.G.M., McLeod, A. and Jama, A.N. (2013) Integrated maize management options to improve forage yield and quality on smallholder farms in Kenya. *Field Crops Research* 153, 70–78.
- Mason, P.G., **Jenner, W.H.**, Brauner, A., **Kuhlmann, U.** and Cappuccino, N. (2013) *Acrolepiopsis assectella* (Zeller), leek moth (Lepidoptera: Acrolepiidae). In: Mason, P.G. and Gillespie, D.R. (eds) *Biological Control Programmes in Canada, 2001–2012*. CABI, Wallingford, UK, pp. 56–62.

- Matovu, J.R., Kangire, A., Kabole, C., **Phiri, N.A.**, Nalukenge, A., Nakendo, S. and Musoli, P.C. (2013) Resistance to coffee leaf rust (*Hemileia vastatrix*, Berk. and Broome) among arabica coffee genotypes in Uganda. *African Crop Science Conference Proceedings* 11, 221–226.
- Matovu, R.J., Kangire, A., **Phiri, N.A.**, Hakiza, G.J., Kagezi, G.H. and Musoli, P.C. (2013) Ecological factors influencing incidence and severity of coffee leaf rust and coffee berry disease in major Arabica coffee growing districts of Uganda. *Uganda Journal of Agricultural Sciences* 14(1), 87–100. [Not checked]
- McClay, A.S. and **Gassmann, A.** (2013) *Tanacetum vulgare* L., common tansy (Asteraceae). In: Mason, P.G. and Gillespie, D.R. (eds) *Biological Control Programmes in Canada, 2001–2012*. CABI, Wallingford, UK, pp. 378–383.
- McClay, A.S., Peng, G., Bailey, K.L., Hynes, R.K. and **Hinz, H.L.** (2013) *Tripleurospermum inodorum* (L.) Sch. Bip., scentless chamomile (Asteraceae). In: Mason, P.G. and Gillespie, D.R. (eds) *Biological Control Programmes in Canada, 2001–2012*. CABI, Wallingford, UK, pp. 378–383.
- McClay, A.S., Stutz, S. and **Schaffner, U.** (2013) *Leucanthemum vulgare* Lam., oxeye daisy (Asteraceae). In: Mason, P.G. and Gillespie, D.R. (eds) *Biological Control Programmes in Canada, 2001–2012*. CABI, Wallingford, UK, pp. 337–342.
- McCorriston, S., **Hemming, D.J.**, **Lamontagne-Godwin, J.D.**, **Osborn, J.**, **Parr, M.J.** and **Roberts, P.D.** (2013) *What is the Evidence of the Impact of Agricultural Trade Liberalisation on Food Security in Developing Countries? A Systematic Review*. EPPI-Centre, Social Science Research Unit, Institute of Education, University of London, UK, 127 pp. <http://r4d.dfid.gov.uk/output/192570/default.aspx>
- Melnick, R.L., Strem, M.D., **Crozier, J.**, Sicher, R.C. and Bailey, B. (2013) Molecular and metabolic changes of cherelle wilt of cacao and its effect on *Moniliophthora roreri*. *Physiological and Molecular Plant Pathology* 84, 153–162.
- Minter, D.W.** and **Cannon, P.F.** (2013). *Bacidia incompta*, *Cerothallia luteoalba*, *Cryptospora hypodermia*, *Eutypella stellulata*, *Hapalocystis bicaudata*, *Lopadostoma gastrinum*, *Physcia tribacioides*, *Platychora ulmi*, *Quaternaria dissepta*, *Splanchnonema foedans*. *IMI Descriptions of Fungi and Bacteria*, set 196, sheets 1951–1960.
- Moffat, C.E., Lalonde, R.G., Ensing, D.J., DeClerck-Floate, R.A., **Grosskopf-Lachat, G.** and Pither, J. (2013) Frequency-dependent host species use by a candidate biological control insect within its native European range. *Biological Control* 67, 498–508.
- Mora-Aguilera, G., Acevedo-Sánchez, G., Calderón-Estrada, G., Flores-Sánchez, J., Domínguez-Monge, S., **Baker, P.S.** and González-Gómez, R. (2013) Influencia del cambio climático en la fitosanidad tropical. *Revista Mexicana de Fitopatología* 31 (suplemento), S46–56.
- Mukherjee, A., **Ellison, C.A.**, Cuda, J.P. and Overholt, W.A. (2013) Biological control of *Hygrophila*: foreign exploration for candidate natural enemies. In: Wu, Y., Johnson, T., Sing, S., Raghu, S., Wheeler, G., Pratt, P., Warner, K., Center, T., Goolsby, J. and Reardon, R. (eds) (2013) *Proceedings of the XIII International Symposium on Biological Control of Weeds*, Waikoloa, Hawaii, 11–16 September 2011. USDA Forest Service, Forest Health Technology Enterprise Team, Morgantown, West Virginia, FHTET-2012-07, pp. 142–152.
- Murphy, S.T.**, Subedi, N., Jnawali, S.R., Lamichhane, B.R., Upadhyay, G.P., Kock, R. and Amin, R. (2013) Invasive mikania in Chitwan National Park, Nepal: the threat to the greater one-horned rhinoceros *Rhinoceros unicornis* and factors driving the invasion. *Oryx* 47(3), 361–368.

- Norgrove, L.** and Hauser, S. (2013) Carbon stocks in shaded *Theobroma cacao* farms and adjacent secondary forests of similar age in Cameroon. *Tropical Ecology* 54(1), 15–22.
- Ochilo, W.N.**, Nyamasyo, G.H. and Nderitu, J.H. (2013) Impact of soil fertility management practices on a major insect pest infestation and yield of beans (*Phaseolus vulgaris* L.) in Taita District, Kenya. *African Journal of Food, Agriculture, Nutrition and Development* 13(5), 8341–8350.
- Pae, S.N. and **Holmes, K.** (eds) (2013) *Proceedings of the Academy of Agricultural Sciences – CABI Joint Scientific Symposium on Pest Monitoring and Forecasting*, Pyongyang, DPR Korea, 28–30 August 2012. Agricultural Information Technology Institute, Academy of Agricultural Sciences, DPR Korea, 287 pp.
- Parepa, M., **Schaffner, U.** and Bossdorf, O. (2013) Help from under ground: soil biota facilitate knotweed invasion. *Ecosphere* 4(2), 31, 11 pp. <http://dx.doi.org/10.1890/ES13-00011.1>
- Péré, C.**, Jactel, H. and **Kenis, M.** (2013) Response of insect parasitism to elevation depends on host and parasitoid life-history strategies. *Biology Letters* 9(4), 20130288, 4 pp.
- Pratt, C.F., Shaw, R.H., Tanner, R.A., Djeddour, D.H. and Vos, J.G.M.** (2013) Biological control of invasive non-native weeds: an opportunity not to be ignored. *Entomologische Berichten* 73(4), 144–154.
- Radonjić, S., Hrnčić, S., Jović, J. and **Toševski, I.** (2013) Monitoring results for *Scaphoideus titanus* Ball (Hemiptera, Cicadidae) in grape-growing region of Podgorica in 2012. In: *Proceedings of the 4th International Agronomic Symposium ‘Agrosym 2013’*, Jahorina, Bosnia and Herzegovina, 3–6 October 2013. Faculty of Agriculture, University of East Sarajevo, Bosnia and Herzegovina, pp. 590–594. www.agrosym.rs.ba/agrosym/agrosym_2013/documents/proceedings.pdf
- Radonjić, S., Hrnčić, S., Krstić, O., Cvrković, T., Mitrović, M., Jović J. and **Toševski I.** (2013) First report of alder yellows phytoplasma infecting common and grey alder (*Alnus glutinosa* and *A. incana*) in Montenegro. [Disease Note]. *Plant Disease* 97(5), 686.
- Ravn, H.-P., Havill, N.P., Akbulut, S., Foottit, R.G., Serin, M., Erdem, M., Mutun, S. and **Kenis, M.** (2013) *Dreyfusia nordmannianae* in northern and central Europe: potential for biological control and comments on its taxonomy. *Journal of Applied Entomology* 137, 401–417.
- Rehman, H.M., Mahmood, R.** and Razaq, M. (2013) Phenology, distribution, biology and population trends of *Procontarinia matteiana* Kieffer and Cecconi (Diptera: Cecidomyiidae) in Punjab, Pakistan. *Pakistan Journal of Zoology* 45(4), 941–947.
- Rehman, H.M., Mahmood, R.** and Razaq, M. (2013) Phenology, population dynamics and within tree distribution of *Dasineura amaramanjarae* Grover, 1965 (Diptera: Cecidomyiidae) in Punjab, Pakistan. *Pakistan Journal of Zoology* 45(6), 1563–1572.
- Riaz, S., **Ahmad, S.** and Poswal, A. (2013) Population dynamics of insect pests, parasitoids and predators in cabbage and cauliflower agro-ecosystem. *Journal of Entomological Research* 37(2), 129–137.
- Roberts, P.D., Diaz-Soltero, H., Hemming, D.J., Parr, M.J., Wakefield, N.H. and Wright, H.J.** (2013) What is the evidence that invasive species are a significant contributor to the decline or loss of threatened species? A systematic review map. *Environmental Evidence* 2(5), 7 pp. doi:10.1186/2047-2382-2-5

- Rohde, C., **Smith, D.**, Martin, D., Fritze, D. and Stalpers, J. (2013) Code of Conduct on Biosecurity for Biological Resource Centres: procedural implementation. *International Journal of Systematic and Evolutionary Microbiology* 63, 2374–2382.
- Romney, D., Day, R., Faheem, M., Finegold, C., Lamontagne-Godwin, J. and Negussie, E.** (2013) Plantwise: putting innovation systems principles into practice. *Agriculture for Development* 18, 27–31.
- Schüngel, M., Stackebrandt, E., Bizet, C. and **Smith, D.** (2013) MIRRI – the Microbial Resource Research Infrastructure: managing resources for the bio-economy. *EMBnet.Journal* 19(1), 5–8.
- Seier, M.K., Ellison, C.A., Cortat, G., Day, M. and Dhileepan, K.** (2013) How specific is specific enough? – case studies of three rust species under evaluation for weed biological control in Australia. In: Wu, Y., Johnson, T., Sing, S., Raghu, S., Wheeler, G., Pratt, P., Warner, K., Center, T., Goolsby, J. and Reardon, R. (eds) (2013) *Proceedings of the XIII International Symposium on Biological Control of Weeds*, Waikoloa, Hawaii, 11–16 September 2011. USDA Forest Service, Forest Health Technology Enterprise Team, Morgantown, West Virginia, FHTET-2012-07, pp. 89–96.
- Shah, R. and Poswal, M.A.** (2013) Management of the vinegar fruit fly, *Drosophila auraria* Peng (Drosophilidae: Diptera) infesting fresh cherry fruits. *Journal of Entomological Research* 37(3), 201–205.
- Shah, R., Ahmed, S. and Poswal, A.** (2013) Population dynamics of insect pests, parasitoids and predators in cabbage and cauliflower agro-ecosystems. *Journal of Entomological Research* 37(2), 129–137.
- Shaw, R. and Tanner, R.** (2013) Biocontrol of escaped ornamentals. *The Plantsman (New Series)* 12(4), 220–224.
- Smith, D., Fritze, D. and Stackebrandt, E.** (2013) Public service collections and biological resource centers of microorganisms. In: Rosenberg, E., De Long, E.F., Lory, S., Stackebrandt, E. and Thompson, F. (eds) *The Prokaryotes. Prokaryotic Biology and Symbiotic Associations*, 4th edn. Springer, Berlin, Germany, pp. 267–304.
- Solangi, G.S., Karamaouna, F., Kontodimas, D., Milonas, P., Lohar, M.K., Abro, G.H. and Mahmood, R.** (2013) Effect of high temperatures on survival and longevity of the predator *Cryptolaemus montrouzieri* Mulsant. *Phytoparasitica* 41, 213–219.
- Sun, Y., Collins, A.R., Schaffner, U. and Müller-Schärer, H.** (2013) Dissecting impact of plant invaders: do invaders behave differently in the new range? *Ecology* 94, 2124–2130.
- Tanner, R.A. and Gange, A.C.** (2013) The impact of two non-native plant species on native flora performance: potential implications for habitat restoration. *Plant Ecology* 214(3), 423–432.
- Tanner, R.A., Varia, S., Eschen, R., Wood, S., Murphy, S.T. and Gange, A.C.** (2013) Impacts of an invasive non-native annual weed, *Impatiens glandulifera*, on above- and below-ground invertebrate communities in the United Kingdom. *PLoS ONE* 8(6), e67271, 13 pp. doi:10.1371/journal.pone.0067271
- Taylor, B., Edgington, S., Luke, B. and Moore, D.** (2013) Yield and germination of the entomopathogenic fungus *Beauveria bassiana* when grown on different rice preparations. *Journal of Stored Products Research* 53, 23–26.
- Toepfer, S. and Kuhlman, U.** (2013) Research and development for a nematode-based biological control solution for western corn rootworm in maize. *Insect pathogens and entomoparasitic nematodes. IOBC-WPRS Bulletin* 90, 277–282.

- Toepfer, S.**, Zellner, M. and **Kuhlmann, U.** (2013) Food and oviposition preferences of *Diabrotica v. virgifera* in multiple-choice crop habitat situations. *Entomologia* 1(8). doi:10.4081/entomologia.2013.e8
- Tomoshevich, M., Kirichenko, N., **Holmes, K.** and **Kenis, M.** (2013) Foliar fungal pathogens of European woody plants in Siberia: an early warning of potential threats? *Forest Pathology* 43, 345–359.
- Toševski, I.** and **Gassmann, A.** (2013) New developments in the biological control of Dalmatian toadflax. *Wyo-Bio* 13(1), 1–2, 4.
- Toševski, I.**, Jović, J., Krstić, O. and **Gassmann, A.** (2013) PCR-RFLP-based method for reliable discrimination of cryptic species within *Mecinus janthinus* species complex (Mecinini, Curculionidae) introduced in North America for biological control of invasive toadflaxes. *BioControl* 58, 563–573.
- Trkulja, N., Ivanović, Ž., Pfaf-Dolovac, E., Dolovac, N., Mitrović, M., **Toševski, I.** and Jović, J. (2013) Characterisation of benzimidazole resistance of *Cercospora beticola* in Serbia using PCR-based detection of resistance associated mutations of the β-tubulin gene. *European Journal of Plant Pathology* 135, 889–902.
- Tueche, J.R., **Norgrove, L.**, Hauser, S. and Cadisch, G. (2013) Tillage and varietal impacts on tomato (*Solanum lycopersicum* L.) production on an ultisol in central Cameroon. *Soil and Tillage Research* 128, 1–8.
- Vincent, C., **Babendreier, D.**, **Kuhlmann, U.** and Lasnier, J. (2013) *Hoplocampa testudinea* (Klug), European apple sawfly (Hymenoptera: Tenthredinidae). In: Mason, P.G. and Gillespie, D.R. (eds) *Biological Control Programmes in Canada, 2001–2012*. CABI, Wallingford, UK, pp. 198–175.
- Wairegi, L.W.I.** and van Asten, P.J.A. (2013) Exploring the scope of fertilizer use in the East African region. In: Vanlauwe, B., van Asten, P. and Blomme, G. (eds) *Agro-Ecological Intensification of Agricultural Systems in the African Highlands*. Routledge, London, UK, pp. 70–76.
- Wan, M.** and Meng, X. (2013) Needs analysis of problem-solving agricultural scientific and technological knowledge service. *Journal of Agricultural Science and Technology* 15, 72–76. [In Chinese]
- Wheeler, G.S. and **Schaffner, U.** (2013) Improved understanding of weed biological control safety and impact with chemical ecology: a review. *Invasive Plant Science and Management* 6(1), 16–29.
- Witt, A.B.R.** (2013) Alien plant invasions in sub-Saharan Africa – status, prognosis and key challenges. In: Zachariades, C., Strathie, L.W., Day, M.D. and Muniappan, R. (eds) *Proceedings of the 8th International Workshop on Biological Control and Management of Chromolaena odorata and other Eupatorieae*, Nairobi, Kenya, 1–2 November 2012. ARC-PPRI, Pretoria, South Africa, pp. 11–17.
- Wogin, M.J.**, Gillespie, D.R., **Haye, T.** and Roitberg, B.D. (2013) Female-biased sex ratio shifts in a solitary parasitoid and their effects on virginity, population dynamics, and biological control. *Entomologia Experimentalis et Applicata* 146, 165–176.
- Worner, S.P., Gevrey, M., **Eschen, R.**, **Kenis, M.**, Paini, D., Singh, S., Suiter, K. and Watts, M.J. (2013) Prioritizing the risk of plant pests by clustering methods; self-organising maps, k-means and hierarchical clustering. *Neobiota* 18, 83–102.
- Zachariades, C., Janse van Rensburg, S. and **Witt, A.B.R.** (2013) Recent spread and new records of *Chromolaena odorata* in Africa. In: Zachariades, C., Strathie, L.W., Day, M.D. and Muniappan, R. (eds) *Proceedings of the 8th International Workshop on Biological Control and Management of Chromolaena odorata and other Eupatorieae*, Nairobi, Kenya, 1–2 November 2010. ARC-PPRI, Pretoria, South Africa, pp. 20–27.

Published abstracts

- Bailey, B.A., Guiltinan, M.J., **Crozier, J.**, Phillips, W., Gonçalo, A.G. and Meinhardt, L. (2013) *Moniliophthora roreri* and *Moniliophthora perniciosa*: Atypical hemibiotrophs causing disease on cacao. [Abstract]. Plant and Animal Genome Conference, San Diego, California, 12–16 January 2013.
<https://pag.confex.com/pag/xxi/webprogram/Paper7218.html>
- Baker, J.L., Webber, N. and **Schaffner, U.** (2013) Long-term control of leafy spurge, *Euphorbia esula*, by the flea beetle *Aphthona nigriscutis*. [Abstract]. In: Wu, Y., Johnson, T., Sing, S., Raghu, S., Wheeler, G., Pratt, P., Warner, K., Center, T., Goolsby, J. and Reardon, R. (eds) (2013) *Proceedings of the XIII International Symposium on Biological Control of Weeds*, Waikoloa, Hawaii, 11–16 September 2011. USDA Forest Service, Forest Health Technology Enterprise Team, Morgantown, West Virginia, FHTET-2012-07, pp. 463.
- Baker, J.L., Webber, N., Johnson, K., Collier, T., Meyers, K., **Schaffner, U.**, Littlefield, J. and Shambaugh, B. (2013) Post release monitoring of a 2009 release of *Jaapiella ivannikovi* (Diptera: Cecidomyiidae) for the control of Russian knapweed in Fremont County, Wyoming. [Abstract]. In: Wu, Y., Johnson, T., Sing, S., Raghu, S., Wheeler, G., Pratt, P., Warner, K., Center, T., Goolsby, J. and Reardon, R. (eds) (2013) *Proceedings of the XIII International Symposium on Biological Control of Weeds*, Waikoloa, Hawaii, 11–16 September 2011. USDA Forest Service, Forest Health Technology Enterprise Team, Morgantown, West Virginia, FHTET-2012-07, p. 485.
- Colmenarez, Y.C.** (2013) Transferência de tecnologia MIP e práticas agroecológicas através da implementação do programa Plantwise na América Latina e o Caribe. In: *III Encontro Internacional de Agroecologia*, Botucatu, São Paulo, Brazil, 31 July –3 August 2013. UNESP–FCA [Universidade Estadual Paulista “Júlio de Mesquita Filho” - Faculdade de Ciências Agronômicas], p. 127. http://eia2013.org/eia/?cbg_tz=0
- Colmenarez, Y.C.** and Franco P., J. (2013) Controle biológico como ferramenta chave de controle de pragas dentro do programa Plantwise. [Abstract]. In: *Proceedings of the XIII Siconbiol*, Bonito, Mato Grosso do Sul, Brazil, 15–18 September 2013. Embrapa, Brazil. www.cpa.br/publica/edmilson/alex/trabalhos/oral/ (aporal28)
- Colmenarez, Y.C.**, Ciomperlik, M.A. and Gibbs, I. (2013) Assessment of natural enemies as potential for biocontrol of *Scirtothrips dorsalis* Hood (Thysanoptera: Thripidae) in the Caribbean. [Abstract]. In: *Proceedings of the XIII Siconbiol*, Bonito, Mato Grosso do Sul, Brazil, 15–18 September 2013. Embrapa, Brazil. www.cpa.br/publica/edmilson/alex/trabalhos/oral/ (aporal66)
- Colmenarez, Y.**, **Moore, D.**, Polar, P. and Johnson, E. (2013) Assessment of pathogenic fungi of the red palm mite, *Raoiella indica*, in the Caribbean. [Abstract]. In: Mason, P.G., Gillespie, D.R. and Vincent, C. (eds) *Proceedings of the 4th International Symposium on Biological Control of Arthropods*, Pucón, Chile, 4–8 March 2013. Instituto de Investigaciones Agropecuarias (INIA) and Universidad de Chile, p. 368.
- Cortat, G.**, **Grosskopf-Lachat, G.**, **Hinz, H.L.**, Cagáň, L., Tóth, P. and Hansen, R. (2013) Searching for new potential agents for an old problem: field bindweed (*Convolvulus arvensis*). [Abstract]. In: Wu, Y., Johnson, T., Sing, S., Raghu, S., Wheeler, G., Pratt, P., Warner, K., Center, T., Goolsby, J. and Reardon, R. (eds) (2013) *Proceedings of the XIII International Symposium on Biological Control of Weeds*, Waikoloa, Hawaii, 11–16 September 2011. USDA Forest Service, Forest Health Technology Enterprise Team, Morgantown, West Virginia, FHTET-2012-07, p. 51.

- Cortat, G., Grosskopf-Lachat, G., Hinz, H.L., DeClerck-Floate, R., Littlefield, J. and Moffat, C.** (2013) An update on biological control of invasive hawkweeds in North America. [Abstract]. In: Wu, Y., Johnson, T., Sing, S., Raghu, S., Wheeler, G., Pratt, P., Warner, K., Center, T., Goolsby, J. and Reardon, R. (eds) (2013) *Proceedings of the XIII International Symposium on Biological Control of Weeds*, Waikoloa, Hawaii, 11–16 September 2011. USDA Forest Service, Forest Health Technology Enterprise Team, Morgantown, West Virginia, FHTET-2012-07, p. 50.
- Cvrković, T., Jović, J., Mitrović, M., Krstić, O. and Toševski, I.** (2013) The role of *Reptalus panzeri* in transmission of bois noir disease in Serbian vineyards. [Extended abstract]. In: *Proceedings of the 3rd European Bois Noir Workshop*, Barcelona, Spain, 20–21 March 2013. International Phytoplasmatologist Working Group, pp. 16–17.
- Cvrković, T., Jović, J., Mitrović, M., Krstić, O. and Toševski, I.** (2013) Searching for vectors: molecular epidemiology of bois noir in southern Banat viticultural region of Serbia. [Extended abstract]. In: *Proceedings of the 3rd European Bois Noir Workshop*, Barcelona, Spain, 20–21 March 2013. International Phytoplasmatologist Working Group, pp. 29–30.
- Delaney, K., Espeland, E., Norton, A., Sing, S., Keever, K., Baker, J.L., Cristofaro, M., Jashenko, R., Gaskin, J. and Schaffner, U.** (2013) Russian olive – a suitable target for classical biological control in North America? [Abstract]. In: Wu, Y., Johnson, T., Sing, S., Raghu, S., Wheeler, G., Pratt, P., Warner, K., Center, T., Goolsby, J. and Reardon, R. (eds) (2013) *Proceedings of the XIII International Symposium on Biological Control of Weeds*, Waikoloa, Hawaii, 11–16 September 2011. USDA Forest Service, Forest Health Technology Enterprise Team, Morgantown, West Virginia, FHTET-2012-07, p. 352.
- Djeddour, D. and Shaw, R.** (2013) Can wild gingers ever be tamed? The search for natural enemies hots up. [Abstract]. In: Wu, Y., Johnson, T., Sing, S., Raghu, S., Wheeler, G., Pratt, P., Warner, K., Center, T., Goolsby, J. and Reardon, R. (eds) (2013) *Proceedings of the XIII International Symposium on Biological Control of Weeds*, Waikoloa, Hawaii, 11–16 September 2011. USDA Forest Service, Forest Health Technology Enterprise Team, Morgantown, West Virginia, FHTET-2012-07, p. 245.
- Eschen, R. and Kenis, M.** (2013) Where have all the 2-spots gone? [Abstract]. 2nd International Congress on Biological Invasions, Qingdao, China, 23–27 October 2013, p. 174.
- Eschen, R., Grégoire, J.-C., Hengeveld, G., de Hoop, B., Rigaux, L. and Potting, R.** (2013) Patterns of trade in *Acer* plants in Europe and changes therein following findings of CLB, *Anoplophora chinensis* Forster in the Netherlands. [Abstract]. 2nd International Congress on Biological Invasions, Qingdao, China, 23–27 October 2013, p. 69.
- Gassmann, A., McClay, A., Chandler, M., Gaskin, J., Wolf, V. and Clasen, B.** (2013) European insects as potential biological control agents for common tansy (*Tanacetum vulgare*) in Canada and the United States. [Abstract]. In: Wu, Y., Johnson, T., Sing, S., Raghu, S., Wheeler, G., Pratt, P., Warner, K., Center, T., Goolsby, J. and Reardon, R. (eds) (2013) *Proceedings of the XIII International Symposium on Biological Control of Weeds*, Waikoloa, Hawaii, 11–16 September 2011. USDA Forest Service, Forest Health Technology Enterprise Team, Morgantown, West Virginia, FHTET-2012-07, p. 182.

- Gassmann, A.**, Van Riper, L., **Toševski, I.**, Jović, J. and Skinner, L. (2013) Developing biological control for common and glossy buckthorn. [Abstract]. In: Wu, Y., Johnson, T., Sing, S., Raghu, S., Wheeler, G., Pratt, P., Warner, K., Center, T., Goolsby, J. and Reardon, R. (eds) (2013) *Proceedings of the XIII International Symposium on Biological Control of Weeds*, Waikoloa, Hawaii, 11–16 September 2011. USDA Forest Service, Forest Health Technology Enterprise Team, Morgantown, West Virginia, FHTET-2012-07, p. 44.
- Gassmann, A.**, Weed, A., Tewksbury, L., Leroux, A., Smith, S., DeJonge, R., Bourchier, R. and Casagrande, R. (2013) Evaluating the potential for biological control of swallow-worts (*Vincetoxicum nigrum* and *V. rossicum*) in eastern North America. [Abstract]. In: Wu, Y., Johnson, T., Sing, S., Raghu, S., Wheeler, G., Pratt, P., Warner, K., Center, T., Goolsby, J. and Reardon, R. (eds) (2013) *Proceedings of the XIII International Symposium on Biological Control of Weeds*, Waikoloa, Hawaii, 11–16 September 2011. USDA Forest Service, Forest Health Technology Enterprise Team, Morgantown, West Virginia, FHTET-2012-07, p. 45.
- Gerber, E.**, Edelmann, L. and **Hinz, H.L.** (2013) Simulated herbivory may underestimate the effects of natural herbivory: a case study with dyer's woad. [Abstract]. In: Wu, Y., Johnson, T., Sing, S., Raghu, S., Wheeler, G., Pratt, P., Warner, K., Center, T., Goolsby, J. and Reardon, R. (eds) (2013) *Proceedings of the XIII International Symposium on Biological Control of Weeds*, Waikoloa, Hawaii, 11–16 September 2011. USDA Forest Service, Forest Health Technology Enterprise Team, Morgantown, West Virginia, FHTET-2012-07, p. 39.
- Gerber, E.**, **Hinz, H.L.**, Cristofaro, M., Di Cristina, F., Lecce, F., Paolini, A., Dolgovskaya, M., Hayat, R. and Gültekin, L. (2013) Developing biological control for perennial pepperweed in the U.S.: progress so far. [Abstract]. In: Wu, Y., Johnson, T., Sing, S., Raghu, S., Wheeler, G., Pratt, P., Warner, K., Center, T., Goolsby, J. and Reardon, R. (eds) (2013) *Proceedings of the XIII International Symposium on Biological Control of Weeds*, Waikoloa, Hawaii, 11–16 September 2011. USDA Forest Service, Forest Health Technology Enterprise Team, Morgantown, West Virginia, FHTET-2012-07, p. 55.
- Gibson, R., **Hinz, H.L.** and Schwarzländer, M. (2013) Comparing the population biology of *Isatis tinctoria* in its native Eurasian and introduced North American range under different experimental treatments. [Abstract]. In: Wu, Y., Johnson, T., Sing, S., Raghu, S., Wheeler, G., Pratt, P., Warner, K., Center, T., Goolsby, J. and Reardon, R. (eds) (2013) *Proceedings of the XIII International Symposium on Biological Control of Weeds*, Waikoloa, Hawaii, 11–16 September 2011. USDA Forest Service, Forest Health Technology Enterprise Team, Morgantown, West Virginia, FHTET-2012-07, p. 173.
- Haye, T.**, Mason, P.G., Gillespie, D. and **Kuhlmann, U.** (2013) Progress and problems in host specificity testing of arthropod biological control agents. [Abstract]. In: Mason, P.G., Gillespie, D.R. and Vincent, C. (eds) *Proceedings of the 4th International Symposium on Biological Control of Arthropods*, Pucón, Chile, 4–8 March 2013. Instituto de Investigaciones Agropecuarias (INIA) and Universidad de Chile, p. 8.

- Hinz, H.L., Gassmann, A., Bourchier, R.S. and Schwarzländer, M.** (2013) Successes we might never have had: a retrospective comparison of predicted versus realized host range of established weed biological control agents in North America. [Abstract]. In: Wu, Y., Johnson, T., Sing, S., Raghu, S., Wheeler, G., Pratt, P., Warner, K., Center, T., Goolsby, J. and Reardon, R. (eds) (2013) *Proceedings of the XIII International Symposium on Biological Control of Weeds*, Waikoloa, Hawaii, 11–16 September 2011. USDA Forest Service, Forest Health Technology Enterprise Team, Morgantown, West Virginia, FHTET-2012-07, p. 98.
- Katovich, E., Becker, R., **Gerber, E., Hinz, H.L.**, Skinner, L. and Ragsdale, D. (2013) Biological control of garlic mustard, *Alliaria petiolata*, with the root and crown-boring weevil *Ceutorhynchus scrobicollis*. [Abstract]. In: Wu, Y., Johnson, T., Sing, S., Raghu, S., Wheeler, G., Pratt, P., Warner, K., Center, T., Goolsby, J. and Reardon, R. (eds) (2013) *Proceedings of the XIII International Symposium on Biological Control of Weeds*, Waikoloa, Hawaii, 11–16 September 2011. USDA Forest Service, Forest Health Technology Enterprise Team, Morgantown, West Virginia, FHTET-2012-07, p. 58.
- Kenis, M.** (2013) Assessing the ecosystem impact of invasive insects. [Abstract]. 2nd International Congress on Biological Invasions, Qingdao, China, 23–27 October 2013, p. 128.
- Kenis, M. and Eschen, R.** (2013) The trade of plants for planting: an important pathway of introduction of tree pests in Europe. [Extended abstract]. In: *Proceedings of the 23rd U.S. Department of Agriculture Interagency Research Forum on Invasive Species*, Annapolis, Maryland, 10–13 January 2012. USDA Forest Service, pp. 31–32.
- Kenis, M., Pérez, C. and Jactel, H.** (2013) Will climate change affect biological control in forests and other natural habitats? [Abstract]. In: Mason, P.G. Gillespie, D.R. and Vincent, C. (eds) *Proceedings of the 4th International Symposium on Biological Control of Arthropods*, Pucón, Chile, 4–8 March 2013. Instituto de Investigaciones Agropecuarias (INIA) and Universidad de Chile, p. 312.
- Kermode, A., Kasulyte-Creasey, D., Smith, D. and Ryan, M.J.** (2013) Cryopreservation of fungi using an encapsulation-vitrification approach. [Abstract]. *Cryoletters* 34, 195.
- Kosovac, A., Johannessen, J., Krstić, O., Mitrović, M., Cvrković, T., Maixner, M., **Toševski, I.** and Jović, J. (2013) Microsatellite and mtDNA evidence for genetic differentiation of *Hyalesthes obsoletus* populations associated with a new major host, stinking hawk's-beard (*Crepis foetida*), in southeast Europe. [Extended abstract]. In: *Proceedings of the 3rd European Bois Noir Workshop*, Barcelona, Spain, 20–21 March 2013. International Phytoplasmatologist Working Group, pp. 18–19.
- Li, H.-M., Fan, J.-T. Roques, A., Eschen, R. and Kenis, M.** (2013) Sentinel nurseries as tools for pathway risk assessment: (1) Insects found on Chinese woody plants commonly shipped to Europe. [Abstract]. 2nd International Congress on Biological Invasions, Qingdao, China, 23 – 27 October 2013, p. 91.
- McClay, A., Chandler, M., **Hinz, H.L., Gassmann, A.**, Battiste, V. and Littlefield, J. (2013) The road less taken: a classical biological control project operated through an NGO. [Abstract]. In: Wu, Y., Johnson, T., Sing, S., Raghu, S., Wheeler, G., Pratt, P., Warner, K., Center, T., Goolsby, J. and Reardon, R. (eds) (2013) *Proceedings of the XIII International Symposium on Biological Control of Weeds*, Waikoloa, Hawaii, 11–16 September 2011. USDA Forest Service, Forest Health Technology Enterprise Team, Morgantown, West Virginia, FHTET-2012-07, p. 180.

- Müller-Schärer, H. and **Schaffner, U.** (2013) Biological control of *Ambrosia artemisiifolia*: learning from the past. [Abstract]. In: Wu, Y., Johnson, T., Sing, S., Raghu, S., Wheeler, G., Pratt, P., Warner, K., Center, T., Goolsby, J. and Reardon, R. (eds) (2013) *Proceedings of the XIII International Symposium on Biological Control of Weeds*, Waikoloa, Hawaii, 11–16 September 2011. USDA Forest Service, Forest Health Technology Enterprise Team, Morgantown, West Virginia, FHTET-2012-07, p. 319.
- Müller-Schärer, H., Henery, M.L., Hahn, M., Collins, A.R. and **Schaffner, U.** (2013) Polyploidy and invasion success in spotted knapweed, *Centaurea stoebe*: specialist herbivores as drivers of invasions and effective control agents? [Abstract]. In: Wu, Y., Johnson, T., Sing, S., Raghu, S., Wheeler, G., Pratt, P., Warner, K., Center, T., Goolsby, J. and Reardon, R. (eds) (2013) *Proceedings of the XIII International Symposium on Biological Control of Weeds*, Waikoloa, Hawaii, 11–16 September 2011. USDA Forest Service, Forest Health Technology Enterprise Team, Morgantown, West Virginia, FHTET-2012-07, p. 295.
- Nawaz Khan, A.** and **Ahmad, S.** (2013) Assessing the threat posed to forest and horticultural plants by an invasive insect in northern areas of Pakistan: a field survey of a giant scale insect (*Drosicha* sp.) (Hemiptera, Monophlebidae) outbreak in Baltistan. [Abstract]. XIII International Symposium on Scale Insect Studies, Sofia, Bulgaria, 2–5 September 2013. <http://issis-bg.com/wp-content/uploads/2012/07/Download-PROGRAM.pdf>
- Rapo, C.B., Eigenbrode, S.D., **Hinz, H.L.**, Gaskin, J., Price, W.J., **Schaffner, U.** and Schwarzländer, M. (2013) Metabolic profiling: a new tool in the prediction of host-specificity in classical biological control of weeds? [Abstract]. In: Wu, Y., Johnson, T., Sing, S., Raghu, S., Wheeler, G., Pratt, P., Warner, K., Center, T., Goolsby, J. and Reardon, R. (eds) (2013) *Proceedings of the XIII International Symposium on Biological Control of Weeds*, Waikoloa, Hawaii, 11–16 September 2011. USDA Forest Service, Forest Health Technology Enterprise Team, Morgantown, West Virginia, FHTET-2012-07, p. 37.
- Ryan, M.J.** and **Smith, D.** (2013) Assessment, development and validation of cryopreservation regimes. [Abstract]. *Cryoletters* 34, 193.
- Sankaran, K.V., **Ellison, C.A.** and Suresh, T.A. (2013) Biological control of *Mikania micrantha* in India: opportunities and constraints. [Abstract]. In: Zachariades, C., Strathie, L.W., Day, M.D. and Muniappan, R. (eds) *Proceedings of the Eighth International Workshop on Biological Control and Management of Chromolaena odorata and other Eupatorieae*, Nairobi, Kenya, 1–2 November 2010. ARC-PPRI, Pretoria, South Africa, 158.
- Shaw, D.** and **Eschen, R.** (2013) Weed biological control in Europe: a reality. [Abstract]. In: Wu, Y., Johnson, T., Sing, S., Raghu, S., Wheeler, G., Pratt, P., Warner, K., Center, T., Goolsby, J. and Reardon, R. (eds) (2013) *Proceedings of the XIII International Symposium on Biological Control of Weeds*, Waikoloa, Hawaii, 11–16 September 2011. USDA Forest Service, Forest Health Technology Enterprise Team, Morgantown, West Virginia, FHTET-2012-07, p. 97.
- Sivapragasam, A.**, **Witt, A.**, Rathea, S., Setiawati, T., Hinlo, R. and Nguyen, T.L.D. (2013) FORIS – the GEF-funded project on removing barriers to invasive species management in production and protection forests in SE Asia. [Abstract]. *2nd International Congress on Biological Invasions*, Qingdao, China, 23–27 October 2013, p. 156.

- Sivapragasam, A. and Loke, W.H.** (2013) Red palm weevil – a biological invasion with potential threat to oil palm into Malaysia. [Abstract]. *2nd International Congress on Biological Invasions*, Qingdao, China, 23–27 October 2013, p. 66.
- Sing, S.E., Weaver, D.K., Ward, S.M., Milan, J., Jorgensen, C.L., Progar, R.A., **Gassmann, A. and Toševski, I.** (2013) Hybrid weeds! Agent biotypes!: Montana's ever-evolving toadflax biological control soap opera. [Abstract]. In: Wu, Y., Johnson, T., Sing, S., Raghu, S., Wheeler, G., Pratt, P., Warner, K., Center, T., Goolsby, J. and Reardon, R. (eds) (2013) *Proceedings of the XIII International Symposium on Biological Control of Weeds*, Waikoloa, Hawaii, 11–16 September 2011. USDA Forest Service, Forest Health Technology Enterprise Team, Morgantown, West Virginia, FHTET-2012-07, p. 329.
- Smith, D.** (2013) Microbial Resource Research Infrastructure (MIRRI) facilitating improved pathways to discovery. [Abstract]. Portuguese Congress of Microbiology and Biotechnology, Aveiro, Portugal, 6–8 December 2013, p. 132.
<http://microbiotec13.web.ua.pt/>
- Smith, D.** (2013) The means to achieve the goals of the Microbial Resource Research Infrastructure (MIRRI). [Abstract]. German Association for General and Applied Microbiology (VAAM) Annual Meeting, held jointly with the Royal Netherlands Society for Microbiology (KNVM), Bremen, Germany, 12–13 March 2013; MIRRI Symposium.
<http://vaam2013.abstract-management.de/program/index.php?conViewSession=3209&action=papers&showDay=179>
- Szücs, M., **Schaffner, U.** and Schwarzländer, M. (2013) Post-introduction evolution in the biological control agent *Longitarsus jacobaeae*. [Abstract]. In: Wu, Y., Johnson, T., Sing, S., Raghu, S., Wheeler, G., Pratt, P., Warner, K., Center, T., Goolsby, J. and Reardon, R. (eds) (2013) *Proceedings of the XIII International Symposium on Biological Control of Weeds*, Waikoloa, Hawaii, 11–16 September 2011. USDA Forest Service, Forest Health Technology Enterprise Team, Morgantown, West Virginia, FHTET-2012-07, p. 314.
- Tanner, R., Ellison, C., Evans, H., Bereczky, Z., Kassai-Jager, E., Kiss, L., Kovacs, G. and Varia, S.** (2013) The potential for the biological control of Himalayan balsam using the rust pathogen *Puccinia cf. komarovii*: opportunities for Europe and North America. [Abstract]. In: Wu, Y., Johnson, T., Sing, S., Raghu, S., Wheeler, G., Pratt, P., Warner, K., Center, T., Goolsby, J. and Reardon, R. (eds) (2013) *Proceedings of the XIII International Symposium on Biological Control of Weeds*, Waikoloa, Hawaii, 11–16 September 2011. USDA Forest Service, Forest Health Technology Enterprise Team, Morgantown, West Virginia, FHTET-2012-07, p. 183.
- Tewksbury, L., Casagrande, R., **Häfliger, P., Hinz, H.L.** and Blossey, B. (2013) Host specificity testing of *Archana geminipuncta* and *A. neurica* (Lepidoptera: Noctuidae), candidates for biological control of *Phragmites australis* (Poaceae). [Abstract]. In: Wu, Y., Johnson, T., Sing, S., Raghu, S., Wheeler, G., Pratt, P., Warner, K., Center, T., Goolsby, J. and Reardon, R. (eds) (2013) *Proceedings of the XIII International Symposium on Biological Control of Weeds*, Waikoloa, Hawaii, 11–16 September 2011. USDA Forest Service, Forest Health Technology Enterprise Team, Morgantown, West Virginia, FHTET-2012-07, p. 69.
- Vannini, A., **Li, H.-M., Eschen, R.**, Vettraino, A.M., Roques, A., Yart, A. and **Kenis, M.** (2013) Fungi associated with symptomatic tissues of Chinese ornamental trees commonly imported into Europe. [Abstract]. *2nd International Congress on Biological Invasions*, Qingdao, China, 23–27 October 2013, p. 85.

Varia, S. and Shaw, R. (2013) Potential for the biological control of *Crassula helmsii* in the U.K. [Abstract]. In: Wu, Y., Johnson, T., Sing, S., Raghu, S., Wheeler, G., Pratt, P., Warner, K., Center, T., Goolsby, J. and Reardon, R. (eds) (2013) *Proceedings of the XIII International Symposium on Biological Control of Weeds*, Waikoloa, Hawaii, 11–16 September 2011. USDA Forest Service, Forest Health Technology Enterprise Team, Morgantown, West Virginia, FHTET-2012-07, p. 179.

Theses

- Andreassen, L.** (2013) *Investigation of Aleochara bipustulata (Coleoptera: Staphylinidae) adult diet and community interactions*. PhD thesis, University of Manitoba, Winnipeg, Canada. Director of thesis: Holliday, N.; thesis committee: Galloway, T., Mason, P., Whyard, S., Mills, N. and **Kuhlmann, U.**
- Luke, B.** (2013) Formulating hydrophobic fungal conidia in water: overcoming problems of hydrophobicity by examining hydrophobin-like proteins and the use of commercial adjuvants. PhD Thesis, Birkbeck College, University of London.

Extension materials

- CABI** (2013) Common pests and diseases of banana. Plantwise photosheet, 2 pp.
- CABI** (2013) Common pests and diseases of cassava. Plantwise photosheet, 2 pp.
- CABI** (2013) Common pests and diseases of coffee. Plantwise photosheet, 2 pp.
- CABI** (2013) Common pests and diseases of cotton. Plantwise photosheet, 1 pp.
- CABI** (2013) Common pests and diseases of maize. Plantwise photosheet, 1 pp.
- CABI** (2013) Common pests and diseases of orange. Plantwise photosheets, 2 pp.
- CABI** (2013) Common pests and diseases of potato. Plantwise photosheet, 2 pp.
- CABI** (2013) Common pests and diseases of rice. Plantwise photosheet, 2 pp.
- CABI** (2013) Common pests and diseases of tomato. Plantwise photosheet, 2 pp.
- CABI** (2013) Common pests and diseases of wheat. Plantwise photosheet, 2 pp.
- CABI** (2013) Common diseases of wheat. Afghanistan. Plantwise photosheet, 1 pp.
- CABI** (2013) Common pests of wheat. Afghanistan. Plantwise photosheet, 1 pp.
- CABI** (2013) La pyrale du buis *Cydalima perspectalis* – une espèce nuisible envahissante en Suisse et dans le Jura. CABI Europe – Switzerland, 4 pp.
- Mulaa, M., Oronje, M.L. and Ringera, E.K.** (2013) Maize stem borer. *Busseola fusca*, *Chilo partellus*, *Chilo orichalcociliellus*, *Sesamia calamistis*. Plantwise Pest Management Decision Guide: Green and Yellow List, 1 pp.

Patents

- Luo, S., Haye, T., Lu, Y., Li, H., Zhang, F., Kuhlmann, U. and Wu, K.** (2013) An artificial rearing method of a parasitoid of mirid bugs. State Intellectual Property Office, PR China. No. ZL 2011 1 0092491.3. [In Chinese]