

***Veröffentlichte Arbeiten / Peer reviewed articles***

***Reviews***

1. Laengle, T. & **Strasser, H.** (2010) Developing a risk index to comparatively assess environmental risks posed by microbial and conventional pest control agents. *Biocont. Sci. Technol.* 20 (7), 659-681.
2. Toepfer, S., Haye, T., Erlandson, M., Goettel, M., Lundgren, J., Kleespies, R.G., Weber, D., Jackson, J., Peters, A., Cabrera Walsh, G., Ehlers, R.U., **Strasser, H.**, Keller, S., Moore, D., Vidal, S. & Kuhlmann, U. (2009) A review of the natural enemies of beetles in the subtribe *Diabroticina* (Coleoptera: Chrysomelidae): Implications for sustainable pest management. *Biocontrol. Sci. Technol.* 19, 1-65.
3. Pernfuss, B., Abendstein, D. & **Strasser, H.** (2004) Virulence of entomopathogenic fungi. *Laimburg J.* 1 (2), 242-247.
4. Blum, B., Ehlers, R.U., Haukeland-Salinas, S., Hokkanen, H.M.T., Jung, K., Kuhlmann, U., Menzler-Hokkanen, I., Ravensberg, W., **Strasser, H.**, Warrior, P. & Wilson, M. (2003) Biological control agents: Safety and regulatory policy. *BioControl* 48: 474-487.
5. **Strasser, H.**, Butt, T.M. & Vey, A. (2000) Are there any risks in using entomopathogenic fungi for pest control, with particular reference to the bioactive metabolites of *Metarhizium*, *Tolypocladium* and *Beauveria* species? *Biocont. Sci. Technol.* 10, 717-735.

***Fachzeitschriften / Journals***

1. Rauch, H., Steinwender, B.M., Mayerhofer, J., Sigsgaard, L., Eilenberg, J., Enkerli, J., Zelger, R. & **Strasser, H.** (2017) Efficacy assessment of *Heterorhabditis bacteriophora* (Nematoda: Heterorhabditidae), *Metarhizium brunneum* (Hypocreales: Clavicipitaceae), and chemical insecticides for *Diabrotica virgifera virgifera* larval management under real farm conditions. *Biol. Cont.*, 107: 1-10. DOI: 10.1016/j.biocontrol.2017.01.007.
2. Taibon, J., Sturm, S., Seger, S., **Strasser, H.** & Stuppner, H. (2017) Combination of a QuEChERS-based extraction protocol with a fast and selective UHPLC-QTOF-MS assay for the detection and quantification of *Metarhizium brunneum* metabolites in honey samples. *SOJ Pharm Pharm Sci*, 4 (1), 1-5. (DOI: <http://dx.doi.org/10.15226/2374-6866/4/1/00147>).
3. Rauch, H., Zelger R. & **Strasser, H.** (2016) Highly efficient field emergence trap for quantitative adult western corn rootworm monitoring. *J. Kansas Entomol. Soc.* 89 (3): 256-266.
4. Mayerhofer, J., Enkerli, J., Zelger, R. & **Strasser, H.** (2015) Long term monitoring of persistence and efficacy of the biological control agent *Beauveria brongniartii* BIPESCO 2 at cockchafer infested sites in the Euroregion Tyrol. *BioControl* 60, 617-629.

5. Taibon, J., Sturm, S., Seger, S., Werth, M., **Strasser, H.** & Stuppner, H. (2015) Supercritical fluid chromatography as an alternative tool for the qualitative and quantitative analysis of *Metarhizium brunneum* metabolites from culture broth. *Planta med* 81(18):1736-1743 (DOI: 10.1055/s-0035-1557823).
6. Taibon, J., Sturm, S., Seger, S., **Strasser, H.** & Stuppner, H. (2015) Quantitative assessment of destruxins from strawberry and maize in the lower ppb range: Combination of a QuEChERS-based extraction protocol with a fast and selective UHPLC-QTOF-MS assay. *J. Agric. Food Chem.* 63 (25) 5707–5713. (DOI 10.1021/acs.jafc.5b01562).
7. Taibon, J., Sturm, S., Seger, S., Parth, M., **Strasser, H.** & Stuppner, H. (2014) Development of a fast and selective UHPLC-DAD-QTOF-MS/MS method for the qualitative and quantitative assessment of destruxin profiles. *Anal. Bioanal. Chem.* 406 (29), 7623-7632.
8. Lösch, A., Hutwimmer, S. & **Strasser, H.** (2010) Carbon utilization pattern as a potential quality control criterion for virulence of *Beauveria brongniartii*. *J. Invertebr. Pathol.* 104, 58-65.
9. Hutwimmer, S., Wang, H., **Strasser, H.** & Burgstaller, W. (2010) Formation of exudate droplets by *Metarhizium anisopliae* and the presence of destruxins. *Mycologia* 102(1), 1-10.
10. Shah, F.A., Greig, C., Hutwimmer, S., **Strasser, H.**, Dyson, P. & Butt, T.M. (2010) Evaluation of the effects of the insect pathogenic fungus *Metarhizium anisopliae* on microbial populations of disparate plant growing media. *Fungal Ecol.* 3(3), 185-194.
11. Wang, H., Hutwimmer, S., **Strasser, H.** & Burgstaller, W. (2009) Destruxin production of *Metarhizium anisopliae* under carbon and nitrogen exhaustion. *J. Basic Microbiol.* 49, 404-411.
12. Hutwimmer, S., Wagner, S., Affenzeller, M., Burgstaller, W. & **Strasser, H.** (2008a). Algorithm-based design of novel synthetic media for *Metarhizium anisopliae* simulating its nutritional conditions in the environment. *J. Appl. Microbiol.* 105, 459-468.
13. Hutwimmer, S., Wagner, S., Affenzeller, M., Burgstaller, W. & **Strasser, H.** (2008b). Algorithm-based design of synthetic growth media stimulating virulence properties of *Metarhizium anisopliae* conidia. *J. Appl. Microbiol.* 105, 2026-2034.
14. Seger, C., Eberhart, K., Sturm, S., **Strasser, H.** & Stuppner, H. (2006) Apolar chromatography on Sephadex LH-20 combined with high-speed-counter-current chromatography, High yield strategy for structurally closely related analytes. Destruxin derivatives from *Metarhizium anisopliae* as a case study. *J. Chrom. A.*, 1117 (2006) 67–73.
15. Laengle, T., Raffalt, J., Pernfuss, B. & **Strasser, H.** (2005a) Appendices: Risk Assessment of Fungal Biocontrol Agent Standards. A: Quality control of fungal biological control agents. *Sydowia* 57 (1), 67-77.
16. Laengle, T., Raffalt, J., Pernfuss, B. & **Strasser, H.** (2005b) Appendices: Risk Assessment of Fungal Biocontrol Agent Standards. B: Monitoring of fungal BCAs in the soil. *Sydowia* 57 (1), 78-83.
17. Laengle, T., Raffalt, J., Pernfuss, B. & **Strasser, H.** (2005c) Appendices: Risk Assessment of Fungal Biocontrol Agent Standards. C: Biotests and field efficacy trials of fungal BCAs against scarabaeid larvae. *Sydowia* 57 (1), 84-93.
18. Laengle, T., Pernfuss, B., Seger, C. & **Strasser, H.** (2005) Field efficacy evaluation of *Beauveria brongniartii* (Sacc.) Petch against *Melolontha melolontha* L. in potato cultures. *Sydowia* 57 (1), 54-66.

19. Seger, C., Längle, T., Pernfuss, B., Stuppner, H. & **Strasser, H.** (2005) High-performance liquid chromatography-diode array detection assay for the detection and quantification of the *Beauveria* metabolite oosporein from potato tubers. *J. Chromatogr. A* 1092, 254-257.
20. Seger, C., Erlebach, D., Stuppner, H., Griesser, U.J. & **Strasser, H.** (2005) Physico-chemical characterization of oosporein, a major metabolite of the entomopathogenic fungus *Beauveria brongniartii*. *Helvet. Chim. Acta* 88, 802-809.
21. Seger, C., Sturm, S., Längle, T., Wimmer, W., Stuppner, H. & **Strasser, H.** (2005) Development of a sensitive HPLC-DAD assay for the detection and quantification of the fungal metabolite oosporein from fungal culture broth and biological pest control formulations. *J. Agri. Food Chem.* 53, 1364-1369.
22. **Strasser, H.** & Pernfuss, B. (2005) Effects of in vitro subculturing on the virulence of *Beauveria brongniartii* against the target host *Melolontha melolontha*. *Laimburg J.* 2, 85-92.
23. Traugott, M., Weissteiner, S. & **Strasser, H.** (2005) Effects of the entomopathogenic fungus *Beauveria brongniartii* on the non-target predator *Poecilus versicolor* (Coleoptera: Carabidae). *Biol. Cont.* 33, 107-112.
24. Abendstein, D., Schweigkofler, W. & **Strasser, H.** (2004) Effect of the fungal metabolite oosporein on feeding behaviour and survival of *Melolontha melolontha*- and *Galleria mellonella* larvae. *Laimburg J.* 1 (2), 273-276.
25. Kirchmair, M., Huber, L., Porten, M., Rainer, J. & **Strasser, H.** (2004) *Metarhizium anisopliae*, a potential agent for the control of grape phylloxera. *BioControl* 49, 295-303.
26. Michelitsch, A., Rückert, U., Rittmannsberger, A., Seger, C., **Strasser, H.** & Likussar, W. (2004) Accurate determination of oosporein in fungal culture broth by differential pulse polarography. *J. Agri. Food Chem.* 52, 1423 – 1426.
27. Seger, C., Sturm, S., Stuppner, H., Butt, T.M. & **Strasser, H.** (2004) Combination of a new sample preparation strategy and an accelerated high-performance liquid chromatography assay with photodiode array and mass spectrometric detection for the determination of destruxins from *Metarhizium anisopliae* culture broth. *J. Chrom. A* 1061, 35-43.
28. **Strasser, H.** (2004a) Assessment of Scarab infestation in Austria. *Laimburg J.* 1 (2), 171-175.
29. **Strasser, H.** (2004b) Biocontrol of important soil dwelling pests by improving the efficacy of insect pathogenic fungi. *Laimburg J.* 1 (2), 236-241.
30. Abendstein, D., Pernfuss, B. & **Strasser, H.** (2000) Evaluation of *Beauveria brongniartii* and its metabolite oosporein regarding phytotoxicity on seed potatoes. *Biocont. Sci. Technol.* 10, 789–796.
31. **Strasser, H.**, Abendstein, D., Stuppner, H. & Butt, T. (2000) Monitoring of spatial-temporal distribution of secondary metabolites produced by the entomopathogenic fungus *Beauveria brongniartii* with particular reference to oosporein. *Mycol. Res.* 10, 1227–1233.
32. Müller, B., Burgstaller, W., **Strasser, H.**, Zanella, A. & Schinner, F. (1995) Leaching of zinc from an industrial filter dust with *Penicillium*, *Pseudomonas* and *Corynebacterium*: citric acid is the leaching agent rather than amino acids. *J. Ind. Microbiol.* 14: 208-212.

33. **Strasser, H.**, Brunner, H. & Schinner, F. (1995) Leaching of iron and toxic heavy metals from anaerobically digested sewage sludge. *J. Ind. Microbiol* 14: 281-287.
34. **Strasser, H.**, Burgstaller, W. & Schinner, F. (1994) High-yield production of oxalic acid by *Aspergillus niger* for metal leaching process. *FEMS Microbiol. Lett.* 119: 365-370.
35. Brunner, H., **Strasser, H.**, Pümpel, T. & Schinner, F. (1993) Mikrobielle Laugung von Kupfer und Zink aus tetraedrit-haltigem Baryt (Region Kleinkogel/Tirol) durch *Thiobacillus ferrooxidans*. *Arch. f. Lagerst.forsch. Geol. B.-A.* 16: 5-12.
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37. Burgstaller, W., **Strasser, H.**, Wöbking, H. & Schinner, F. (1992) Solubilization of zinc oxide from filter dust with *Penicillium simplicissimum*: Bioreactor leaching and stoichiometry. *Environ. Sci. Technol.* 26: 340-346.
38. **Strasser, H.**, Burgstaller W. & Schinner, F. (1990) Copper and antimony extraction from tetrahedrite-containing dolomite by heterotrophic bacteria. *Geomicrobiol. J.* 8: 111-119.
39. Burgstaller, W., **Strasser, H.**, Wöbking, H. & Schinner, F. (1990) Biohydrometallurgie: Mikrobielle Laugung von Zink aus Sekundärrohstoffen und industriellen Zwischenprodukten. *Metall* 9: 840-843.

#### ***Buchkapitel / Book chapters***

1. Taibon, J. & **Strasser, H.** (2016) Analytical methods for secondary metabolite detection, in *Methods in Molecular Biology 1477 on Microbial-Based Biopesticides - Methods and Protocols*. Travis R. Glare & Maria M. Moran-Diez (Eds.). pp. 191-209. Springer Protocols, Humana Press, New York.
2. Altomare, C., Pernfuss, B. & **Strasser, H.** (2012) Assessing potential cytotoxicity of biocontrol microorganisms using invertebrate assays, in *Beneficial Microorganisms in Agriculture, Food and Environment* Sundh, I., Goettel, M. & Wilckes, A. (Eds.). 240-256. CABI Publishing, Wallingford.
3. **Strasser, H.**, Hutwimmer, S. & Burgstaller, W. (2011) Metabolite toxicology of fungal biocontrol agents: Risks and Risk Assessment, in *Regulation of Biological Control Agents*. Ehlers, R.U. (Ed.). Part 2, 191-213. Springer, Dordrecht.
4. Strauch, O., **Strasser, H.**, Hauschild, R. & Ehlers, R.-U. (2011) Proposals for bacterial and fungal biocontrol agents, in: *Regulation of Biological Control Agents*. Ehlers, R.-U. Ed.), Part 3, 267-288. Springer, Dordrecht.
5. **Strasser, H.**, Hutwimmer, S. & Zelger, R. (2008). Fungal control of subterranean pests, in *Exploitation of Fungi*. Robson, G., van West, P. & Gadd, G.M. (Eds.). 257-274. Cambridge University Press.
6. **Strasser, H.** & Kirchmair, M. (2006) Potential health problems due to exposure in handling and using biological control agents, in *An Ecological and Societal Approach to Biological Control*. Eilenberg, J., Hokkanen H.M.T. (Eds.). 275-293. Springer, Dordrecht.

7. Inglis, G.D., Goettel, M.S., Butt, T.M. & **Strasser, H.** (2001) Use of hyphomycetous fungi for managing insect pests, in *Fungi as Biocontrol Agents: Progress, Problems and Potential*. Butt, T.M., Jackson, C., Magan, N. (Eds.). 27–69. CABI, Wallingford.
8. **Strasser, H.**, Gamper, M. & Schinner, F. (1996) Considerations concerning the necessity of safety studies for the registration of *Beauveria brongniartii* as a microbial pest control agent, in *Microbial Control of Soil Dwelling Pests*. Jackson, T. & Glare, T. (Eds.). 131–136. AgResearch, Lincoln.
9. **Strasser, H.**, Forer, A. & Schinner, F. (1996) Development of media for the selective isolation and maintenance of virulence of *Beauveria brongniartii*, in *Microbial Control of Soil Dwelling Pests*. Jackson, T. & Glare, T. (Eds.). 125–130. AgResearch, Lincoln.

### **Konferenz-Proceedings (Full paper)**

1. Mayerhofer, J., Eckard, S., Rauch, R., Hartmann, M., Wimder, F., Grabenweger, G., **Strasser, H.**, Leuchtman, A. & Enkerli, J. Non-target effects of *Metarhizium brunneum* on soil microorganisms. IOBC wprs Bulletin, in press.
2. **Strasser, H.**, Rauch, H. & Zelger, R. Biological control of adult *Diabrotica* - Spray experiments with *Metarhizium brunneum* strain BIPESCO 5 under real farm conditions. IOBC wprs Bulletin, in press.
3. Zottele, M. & **Strasser, H.** *Metarhizium brunneum* BIPESCO 5: a sustainable and preventive biological control agent to control *Diabrotica virgifera virgifera* larvae. IOBC wprs Bulletin, in press.
4. **Strasser, H.** (2017) Influence of spatial and temporal separation on population structure of the European cockchafer and its main fungal pathogen fungi. 72. ALVA "Zukunft Obstbau". Tagungsbericht. Wesenufer. Arbeitsgemeinschaft für Lebensmittel-, Veterinär- und Agrarwesen, pp. 223-225.
5. Rauch, H., Zelger, R. & **Strasser, H.** (2016) Efficacy assessment of *Heterorhabditis bacteriophora* (Nematoda: Heterorhabditidae), *Metarhizium brunneum* (Hypocreales: Clavicipitaceae), and chemical insecticides for *Diabrotica virgifera virgifera* larval management under real farm conditions. IOBC wprs Bulletin, 113, 87-92.
6. **Strasser, H.** (2016) Kritische Betrachtung der Anforderungen für die EU-Zulassung von antagonistischen Pilzen (Critical review regarding requirements for EU authorization of antagonistic active fungi). 71. ALVA "Tagung Eiweißpflanzen - Strategien und Chancen für Landwirtschaft und Industrie". Tagungsbericht. Klagenfurt: Arbeitsgemeinschaft für Lebensmittel-, Veterinär- und Agrarwesen, pp. 241-242.
7. Taibon, J., Sturm, S., Seger C., Stuppner H. & **Strasser, H.** (2016) Methodvalidierung zum Nachweis von toxisch relevanten Toxinen am Beispiel von *Metarhizium brunneum* (Method validation for the assessment of toxic relevant metabolites from *Metarhizium brunneum*) 71. ALVA "Tagung Eiweißpflanzen - Strategien und Chancen für Landwirtschaft und Industrie". Tagungsbericht. Klagenfurt: Arbeitsgemeinschaft für Lebensmittel-, Veterinär- und Agrarwesen, pp. 243-244.
8. Taibon, J., Sturm, S., Seger, S., Stuppner, H. & **Strasser, H.** (2016) Development of validated analytical methods for the assessment of *Metarhizium brunneum* metabolites in different matrices. IOBC wprs Bulletin, 113: 80.

9. Zottele, M., Zelger, R. & **Strasser, H.** (2016) Einsatz von *Metarhizium brunneum* zur präventiven Bekämpfung der Maiswurzelbohrer- Larven (Usage of *Metarhizium brunneum* for preventive control of western corn rootworm – larvae) 71. ALVA “Tagung Eiweißpflanzen - Strategien und Chancen für Landwirtschaft und Industrie”. Tagungsbericht. Klagenfurt: Arbeitsgemeinschaft für Lebensmittel-, Veterinär- und Agrarwesen, pp. 305-307.
10. Parth, M., Taibon, J. & **Strasser, H.** (2014) Pflanzenschutzmittel und ihre Rückstände – Methoden zur Vermeidung einer möglichen Destruxin-Anreicherung während der Produktherstellung von *Metarhizium brunneum* (Plant protection agents and their residues – Methods to avoid destruxin accumulation while producing *Metarhizium brunneum* biomass in a bioreactor system). ALVA Tagungsband, pp. 306-308.
11. **Strasser, H.**, Rauch, H., Schweisgut, M. & Zelger, R. (2014) Praxistauglicher Einsatz von biologischen Pflanzenschutzmitteln zur Bekämpfung des Maiswurzelbohrers – eine erste Bilanz basierend auf Feldversuche in der Steiermark (Practical application of biological control agents against the western corn root worm – an initial review based on field experiments in Styria). ALVA Tagungsband, pp. 178-180.
12. **Strasser, H.** (2014) Melocont® Pilzgerste zur biologischen Maikäfer-Schädlingsbekämpfung im Grünland. Semiarmappe – Internationaler Grünlandtag 2014: Praktikertag am 10. Mai 2014, LLA Weitau, St. Johann in Tirol. PP, 1-5.
13. Mayerhofer, J., Enkerli, J., Zelger, R. & **Strasser, H.** (2013) Monitoring of the entomopathogenic fungus *Beauveria brongniartii* in cockchafer infested areas of the Euroregion Tyrol. IOBC wprs Bulletin 90, 21-25.
14. Mitteregger, M., Sonderegger, S. & **Strasser, H.** (2013) Field evaluation of the persistence of *Metarhizium anisopliae* conidia on leaves for the biological control of ticks. IOBC wprs Bulletin 90, 63-67.
15. Rauch, H., Zelger, R., Hutwimmer, S. & **Strasser, H.** (2013) Susceptibility of *Diabrotica virgifera virgifera* (Coleoptera: Chrysomelidae) to entomopathogenic fungi: Laboratory assays and field trials IOBC wprs Bulletin 90, 27-31.
16. Taibon, J., Sturm, S., Seger C., **Strasser, H.** & Stuppner H. (2013) Development of analytical tools to monitor the fate of *Metarhizium anisopliae* metabolites in the environment IOBC wprs Bulletin 90, 75-78.
17. Niedermayr, V. & **Strasser, H.** (2012) Mass production of ecologically competent *Metarhizium anisopliae* spores for pest management. IOBC wprs Bulletin 78, 103-106.
18. Sonderegger, S., Niedermayr V. & **Strasser, H.** (2011) Studies on the storage of formulated *Metarhizium anisopliae* conidia: Effect of temperature on conidia germination and virulence against *Tenebrio larvae*. IOBC wprs Bulletin 66, 145-149.
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20. Kirchmair, M., Neuhauser, S., **Strasser, H.** & Huber, L. (2009) Fungal BCAs in viticulture: Compatibility with common fungicides. Ehlers, R.-U., Crickmore, N., Enkerli, J., Glaser, I., López-Ferber, M. & Tkaczuk, C. (Eds.) IOBC wprs Bulletin 45, 283-286.

21. **Strasser, H.** (2009) Concepts and visions to overcome problems with microbial biocontrol agent registration, Ehlers, R.-U., Crickmore, N., Enkerli, J., Glaser, I., López-Ferber, M. & Tkaczuk, C. (Eds.) IOBC wprs Bulletin 45, 41-46.
22. Kirchmair, M., Neuhauser, S., **Strasser, H.**, Voloshchuk, N., M. Hoffmann, M. & Huber, L. (2009) Biological Control of Grape Phylloxera – a Historical Review and Future Prospects In Proceedings, ISHS 2007 International Society for Horticultural Science. Acta Hort. 816, 13-17.
23. Kirchmair, M., Neuhauser, S., Huber, L. & **Strasser, H.** (2008) The impact of soil treatment on soil mycobiota. Ehlers, R.-U., Enkerli, J., Glaser, I., López-Ferber, M. & Tkaczuk, C. (Eds.). IOBC wprs Bulletin 31 (2), 239-244.
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25. Hutwimmer, S., Burgstaller, W. & **Strasser, H.** (2007) Are genetic algorithms a “magic bullet” for optimising cultivation conditions for entomopathogenic fungi? IOBC wprs Bulletin 30 (7), 143-147.
26. Kirchmair, M., Hoffmann, M., Neuhauser, S., **Strasser, H.** & Huber, L. (2007) Persistence of GRANMET®, a *Metarhizium anisopliae* based product, in grape phylloxera-infested vineyards. IOBC wprs Bulletin 30 (7), 137-142.
27. Loesch, A., Hutwimmer, S., Pernfuss, B. & **Strasser, H.** (2007) Assessment of virulence test-systems for quality assurance using sub-cultivated *Beauveria brongniartii* conidia. IOBC wprs Bulletin 30 (7), 149-154.
28. Pernfuss, B., Kron-Morelli, R., Zelger, R. & **Strasser, H.** (2007) *Metarhizium* spp. against locusts and grasshoppers – a short review and future prospects. IOBC wprs Bulletin 30 (7), 133-136.
29. Pernfuss, B., Längle, T., Kron-Morelli, R., **Strasser, H.** (2007) Fungal BCAs in the European Union: *Beauveria brongniartii* (Sacc.) Petch as the model organism to address key questions. Papierok, B. (Ed.). IOBC wprs Bulletin, 30 (1), 111-116.
30. **Strasser, H.**, Pernfuss, B. & Seger, C. (2007) Does *Beauveria* spp. produce toxins after application when the product is present at the crop? Papierok, B. (Ed.). IOBC wprs Bulletin 30 (1), 91-94.
31. Kirchmair, M., Huber, L., Leither, E. & **Strasser, H.** (2005) The impact of the fungal BCA *Metarhizium anisopliae* on soil fungi and animals, in Integrated Control of Soil Pests. Keller, S. (Ed.). IOBC wprs Bulletin 28 (2), 157-161.
32. Längle, T., Bauer, T., Pernfuss, B., Seger, C., Raffalt, J. & **Strasser, H.** (2005) A GLP/GEP based field study on *Beauveria brongniartii* with respect to the Commission Directive (2001/36/EC), in Insect Pathogens and Insect Parasitic Nematodes. Papierok, B. (Ed.). IOBC wprs Bulletin 28 (3), 109-112.
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37. Weissteiner, S., **Strasser, H.** & Traugott, M. (2005) Risk assessment of *Beauveria brongniartii* for three carabid beetles, in Insect Pathogens and Insect Parasitic Nematodes. Papierok, B. (Ed.). IOBC wprs Bulletin 28 (3), 93-96.
38. Kirchmair, M., Huber, L. & **Strasser, H.** (2004) The use of *Metarhizium anisopliae* against grape phylloxera, in Management of Plant Diseases and Arthropod Pests by BCAs and their Integration in Agricultural Systems. Elad, Y., Pertot, I. & Enkegaard, A. (Eds.). IOBC wprs Bulletin 27 (8), pp. 145-150.
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### **Posterpräsentationen / Posters**

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### **Vorträge / Oral presentations**

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2. **Strasser, H.**, Pabst, C.O., Schweisgut, M. & Zottele M. (2017) Innovation in Biocontrol – Challenges and Research: Making fungi - as biocontrol option – more accessible to farmers. 1<sup>st</sup> Mycology Tyrol Mini-Symposium, Universität Innsbruck, 29 September 2017, Innsbruck.
3. **Strasser, H.**, Rauch, H., & Zelger, R. (2017) Biological control of adult *Diabrotica* Spray experiments with *Metarhizium brunneum* strain BIPESCO 5 under real farm conditions. Is IPM ready for Microbial Control agents? 16<sup>th</sup> Meeting of the IOBC working group “Microbial and Nematode Control of Invertebrate Pests”. 11 - 15 June 2017, Tbilisi, Georgia.
4. Zottele, M. & Strasser, H. (2017) *Metarhizium brunneum* BIPESCO 5: a sustainable and preventive biological control agent to control *Diabrotica virgifera virgifera* larvae. 16<sup>th</sup> Meeting of the IOBC working group “Microbial and Nematode Control of Invertebrate Pests”. 11 - 15 June 2017, Tbilisi, Georgia.
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