

Agroecology- Georg-August-University Göttingen

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Tagungsbeiträge / Contribution to Conferences 2017

Tagungsbeiträge

1. Barnes AD, Allen K, Kreft H, Corre MD, Jochum M, Veldkamp E, Clough Y, Daniel R, Darras K, Denmead LH, Farikhah Haneda N, Hertel D, Knohl A, Kotowska MM, Kurniawan S, Meijide A, Rembold K, Edho Prabowo W, Schneider D, Tscharntke T, Brose U (2017) Direct and cascading impacts of tropical land-use change on multi-trophic biodiversity. *Nat Ecol Evol* 0: 0, doi: 10.1038/s41559-017-0275-7
2. Batáry P, Gallé R, Riesch F, Fischer C, Dormann CF, Mußhoff O, Császár P, Fusaro S, Gayer C, Happe AK, Kurucz K, Molnár D, Rösch V, Wietzke A, Tscharntke T (2017) The former Iron Curtain still drives biodiversity–profit trade-offs in German agriculture. *Nat Ecol Evol* 1(9): 1279–1284, doi: 10.1038/s41559-017-0272-x
3. Batáry P, Kurucz K, Suarez-Rubio M, Chamberlain DE (2017) Non-linearities in bird responses across urbanization gradients: A meta-analysis. *GLOBAL CHANGE BIOL* n/a: n/a–n/a, doi: 10.1111/gcb.13964
4. Betz L, Tscharntke T (2017) Enhancing spider families and spider webs in Indian rice fields for conservation biological control, considering local and landscape management. *J INSECT CONSERV* 0: 0, doi: 10.1007/s10841-017-9990-2
5. Bosem Baillod A, Tscharntke T, Clough Y, Batáry P (2017) Landscape-scale interactions of spatial and temporal cropland heterogeneity drive biological control of cereal aphids. *J APPL ECOL* Marini, Lorenzo: 0, doi: 10.1111/1365-2664.12910
6. Denmead LH, Darras K, Clough Y, Diaz P, Grass I, Hoffmann MP, Nurdiansyah F, Fardiansah R, Tscharntke T (2017) The role of ants, birds and bats for ecosystem functions and yield in oil palm plantations. *ECOLOGY* n/a: n/a–n/a, doi: 10.1002/ecy.1882
7. Ernst LM, Tscharntke T, Batáry P (2017) Grassland management in agricultural vs. forested landscapes drives butterfly and bird diversity. *BIOL CONSERV* 216: 51–59, doi: 10.1016/j.biocon.2017.09.027
8. Fischer C, Gayer C, Kurucz K, Riesch F, Tscharntke T, Batáry P (2017) Ecosystem services and disservices provided by small rodents in arable fields: Effects of local and landscape management. *J APPL ECOL* Rhodes, Jonathan: 0, doi: 10.1111/1365-2664.13016
9. Ganser D, Denmead LH, Clough Y, Buchori D, Tscharntke T (2017) Local and landscape drivers of arthropod diversity and decomposition processes in oil palm leaf axils. *AGR FOREST ENTOMOL* 19(1): 60–69, doi: 10.1111/afe.12181
10. Ghoddousi A, Egli L, Soofi M, Khorozyan I, Waltert M (2017) After sanctions: the urge to upgrade and integrate conservation in Iran. *FRONT ECOL ENVIRON* 15(1): 9–10, doi: 10.1002/fee.1452
11. Grass I, Lehmann K, Thies C, Tscharntke T (2017) Insectivorous birds disrupt biological control of cereal aphids. *ECOLOGY* 0: 0, doi: 10.1002/ecy.1814
12. Herbst C, Arnold-Schwandner S, Meiners T, Peters MK, Rothenwöhler C, Steckel J, Wäschke N, Westphal C, Obermaier E (2017) Direct and indirect effects of

- agricultural intensification on a host-parasitoid system on the ribwort plantain (*Plantago lanceolata* L.) in a landscape context. LANDSCAPE ECOL 0: 0, doi: 10.1007/s10980-017-0562-3
- 13. Kelly J, Rahman A, Grass I, Tasirin JS, Waltert M (2017) Avifaunal status updates, range extensions and potential new taxa on the lesser Sangihe and Talaud islands, Indonesia. RAFFLES B ZOOL 65: 482--496
 - 14. Lichtenberg EM, Kennedy CM, Kremen C, Batáry P, Berendse F, Bommarco R, Bosque-Pérez NA, Carvalheiro LG, Snyder WE, Williams NM, Winfree R, Klatt BK, Åström S, Benjamin F, Brittain C, Chaplin-Kramer R, Clough Y, Danforth B, Diekötter T, Eigenbrode SD, Ekroos J, Elle E, Freitas BM, Fukuda Y, Gaines-Day HR, Grab H, Gratton C, Holzschuh A, Isaacs R, Isaia M, Jha S, Jonason D, Jones VP, Klein AM, Krauss J, Letourneau DK, Macfadyen S, Mallinger RE, Martin EA, Martinez E, Memmott J, Morandin L, Neame L, Otieno M, Park MG, Pfiffner L, Pocock MJO, Ponce C, Potts SG, Poveda K, Ramos M, Rosenheim JA, Rundlöf M, Sardiñas H, Saunders ME, Schon NL, Sciligo AR, Sidhu CS, Steffan-Dewenter I, Tscharntke T, Veselý M, Weisser WW, Wilson JK, Crowder DW (2017) A global synthesis of the effects of diversified farming systems on arthropod diversity within fields and across agricultural landscapes. GLOBAL CHANGE BIOL 23(11): 4946--4957, doi: 10.1111/gcb.13714
 - 15. Marty W, Clough Y, Tscharntke T (2017) Assessing the potential for avifauna recovery in degraded forests in Indonesia. RAFFLES B ZOOL 65: 35--48
 - 16. Pe'er G, Zinngrebe Y, Hauck J, Schindler S, Dittrich A, Zingg S, Tscharntke T, Oppermann R, Sutcliffe LME, Sirami C, Schmidt J, Hoyer C, Schleyer C, Lakner S (2017) Adding Some Green to the Greening: Improving the EU's Ecological Focus Areas for Biodiversity and Farmers. CONSERV LETT 10(5): 517--530, doi: 10.1111/conl.12333
 - 17. Rizali A, Tscharntke T, Buchori D, Clough Y (2017) Separating effects of species identity and species richness on predation, pathogen dissemination and resistance to invasive species in tropical ant communities: Separating effects of identity and richness of ants. AGR FOREST ENTOMOL 0: 0, doi: 10.1111/afe.12236
 - 18. Rossetti MR, Tscharntke T, Aguilar R, Batáry P (2017) Responses of insect herbivores and herbivory to habitat fragmentation: a hierarchical meta-analysis. ECOL LETT 20(2): 264--272, doi: 10.1111/ele.12723
 - 19. Schmidt FA, Ribas CR, Sobrinho TG, Ubaidillah R, Schoereder JH, Clough Y, Tscharntke T (2017) Similar alpha and beta diversity changes in tropical ant communities, comparing savannas and rainforests in Brazil and Indonesia. OECOLOGIA 0: 0, doi: 10.1007/s00442-017-3960-y
 - 20. Schrader J, Franzén M, Sattler C, Ferderer P, Westphal C (2017) Woody habitats promote pollinators and complexity of plant–pollinator interactions in homegardens located in rice terraces of the Philippine Cordilleras. PADDY WATER ENVIRON 0: 0, doi: 10.1007/s10333-017-0612-0
 - 21. Schröter M, Stumpf KH, Loos J, van Oudenoven APE, Böhnke-Henrichs A, Abson DJ (2017) Refocusing ecosystem services towards sustainability. ECOSYST SERV 25: 35--43, doi: 10.1016/j.ecoser.2017.03.019
 - 22. Taylor PJ, Grass I, Alberts AJ, Joubert E, Tscharntke T (2017) Economic value of bat predation services – A review and new estimates from macadamia orchards. ECOSYST SERV 0: 0, doi: 10.1016/j.ecoser.2017.11.015
 - 23. Toledo-Hernández M, Wanger TC, Tscharntke T (2017) Neglected pollinators: Can enhanced pollination services improve cocoa yields? A review. AGR ECOSYST ENVIRON 247: 137--148, doi: 10.1016/j.agee.2017.05.021
 - 24. Weisser WW, Roscher C, Meyer ST, Ebeling A, Luo G, Allan E, Beßler H, Barnard RL, Buchmann N, Buscot F, Engels C, Fischer C, Fischer M, Gessler A, Gleixner G, Halle S, Hildebrandt A, Hillebrandt H, de Kroon H, Lange M, Leimer S, Le Roux X,

- Milcu A, Mommer L, Niklaus PA, Oelmann Y, Proulx R, Roy J, Scherber C, Scherer-Lorenzen M, Scheu S, Tscharntke T, Wachendorf M, Wagg C, Weigelt A, Wilcke W, Wirth C, Schulze ED, Schmid B, Eisenhauer N (2017) Biodiversity effects on ecosystem functioning in a 15-year grassland experiment: Patterns, mechanisms, and open questions. *BASIC APPL ECOL* 0: 0, doi: 10.1016/j.baae.2017.06.002
25. Wende B, Gossner MM, Grass I, Arnstadt T, Hofrichter M, Floren A, Linsenmair KE, Weisser WW, Steffan-Dewenter I (2017) Trophic level, successional age and trait matching determine specialization of deadwood-based interaction networks of saproxylic beetles. *PROY SOC B-BIOL SCI* 284(1854): 20170198, doi: 10.1098/rspb.2017.0198

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1. Attwood S, Park S, Loos J, Phillips M, Mills DK, McDougall C (2017) Does Sustainable Intensification Offer a Pathway to Improved Food Security for Aquatic Agricultural System-dependent Communities? In: Routledge (Hg.) *Sustainable Intensification in Smallholder Agriculture*. Routledge, Oborn, Ingrid;Vanlauwe, Bernard;Phillips, Michael;Thomas, Richard;Brooijmans, Willemien;Atta-Krah, Kwesi, 0

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1. Ernst LM, Tscharntke T, Batáry P (2017) Habitat management and agricultural vs. forested landscape context determine butterfly and bird diversity in orchard meadows and calcareous grasslands. In: (Hg.) Book of abstracts. 1st International Conference on Community Ecology (ComEc), Budapest, Hungary, September 28–29, 2017, 1
2. Graß I (2017) Exploring biodiversity-yield trade-offs in rubber and oil palm smallholder systems. In: (Hg.) ATBC conference 2017, Merida, Mexico. ATBC conference 2017, Merida, Mexico, July 9-14, 2017, 1
3. Tscharntke T (2017) Reconciling food security and biodiversity conservation in farming landscapes. In: (Hg.) *Integrating biodiversity services in agriculture. Resilience 2017. Resilience Frontiers for Global Sustainability*, Stockholm, Sweden, August 20-23, 2017, 1
4. Vigants V, Keišs O, Sutcliffe L, Batáry P, Auninš A (2017) Effects of EU „greening“ on bird diversity in two landscapes in Latvia. In: (Hg.) Programme and Abstracts. 11th Biennial Conference of the European Ornithologists' Union, Turku, Finland, 18. August 2017 to 22. August 2017, 1

Vorträge und Poster

1. Bänsch S (2017) Competition between minor and mass-flowering crops for social bees: consequences for adapted pollination management aphids. *Ecology across Borders*
2. Bänsch S (2017) Einfluss von Massentrachten auf die Bestäubung kleinflächig blühender Kulturpflanzen: Konkurrenz oder Förderung? ". 64. Jahrestagung der AG der Institute für Bienenforschung e.V. in Celle
3. Bänsch S (2017) Rund um Honigbienen, Hummeln und Solitärbielen im Erdbeerfeld. Öffentliche Vortragsreihe vom Imkerverein in Kassel
4. Batáry P (2017) Tájszerkezet és a mezőgazdasági területek biodiverzitása [Landscape structure and farmland biodiversity]. Symposium on Integrative ecology at the Hungarian Academy of Sciences, Budapest
5. Batáry P (2017) Workshop entitled Introduction to meta-analysis in conservation biology. 3rd Student Conference on Conservation Science, Tihany
6. Batáry P, Gallé R, Riesch F, Fischer C, Dormann CF, Mußhoff O, Császár P, Fusaro S, Gayer C, Happe AK, Kurucz K, Molnár D, Rösch V, Wietzke A, Tscharntke T (2017) The former iron curtain still drives biodiversity-profit trade-offs in German agriculture. *Ecology across borders*

7. Bocz R, Batáry P, Purger JJ (2017) Impact of fur pattern and smell on the survival of dummy wood mouse models. Ecology and Behaviour Student Conference, Chize
8. Ficiciyan A (2017) Crops under environmental stress: Comparing F1-hybrid, conventional and organic vegetable varieties. Ecology across borders
9. Fischer C, Gayer C, Kurucz K, Riesch F, Tscharntke T, Batáry P (2017) Ecosystem services vs. disservices provided by small rodents in arable fields at multiple spatial scales. Ecology across borders
10. Graß I, Lehmann K, Thies C, Tscharntke T (2017) Insectivorous birds disrupt biological control of cereal aphids. Ecology across Borders
11. Haß AL (2017) Landscape configurational heterogeneity by small-scale agriculture, not crop diversity, maintains pollinators and pollination services in Western Europe. Ecology across borders
12. Hass AL, Kormann UG, Tscharntke T, Clough Y, Baillob AB, Sirami C, Fahrig L, Martin JL, Baudry J, Bertrand C, Bosch J, Brotons L, Burel F, Georges R, Giralt D, Marcos-García MÁ, Ricarte A, Siriwardena G, Batáry P (2017) Landscape configurational heterogeneity by small-scale agriculture, not crop diversity, maintains pollination services in Western Europe. Ecology across borders
13. John Taylor P, Graß I, Alberts AJ, Joubert E, Tscharntke T (2017) Ecosystem services provided by bats in macadamia orchards in South Africa. Contemporary Conservation Conference 2017, Howick South Africa
14. Tscharntke T (2017) Biodiversität in Agrarlandschaften. ASG Herbsttagung Göttingen zu "Zukunftsfähiger Ackerbau"
15. Tscharntke T (2017) Importance and management of bees for agriculture. Internationale Bienenkonferenz
16. Tscharntke T (2017) Integrating biodiversity services in agriculture. AgroecoWeb International Online Congress
17. Tscharntke T (2017) Landscape moderation of biodiversity patterns, pollination and biological control. China Agricultural University, Beijing College of Resources and Environmental Sciences
18. Tscharntke T (2017) Managing bees for agriculture. The 2nd Pollinator Insect Forum, Beijing, Chinese Academy of Sciences