

BUILDING THE EVIDENCE BASE: POLLINATOR RESEARCH PUBLICATIONS

The following are pollinator publications by Irish researchers (highlighted in **bold**) from 2021-2025. These scientists are part of the Irish Pollinator Research Network. Their work helps underpin the All-Ireland Pollinator Plan.

2025

1. Bishop, G. A., Kleijn, D., Albrecht, M., Bartomeus, I., Isaacs, R., Kremen, C., ... **Power, E., Stanley, D., Stout, J., ... et al.** (2025) Critical habitat thresholds for effective pollinator conservation in agricultural landscapes *Science* 389 (6767), 1314-1319. DOI: 10.1126/science.adr2146
2. Bucher, R., Batáry, P., Baudry, J., ... **Stanley, D., ... et al.** (2025) Land-use impacts on crop yield: direct and indirect roles of arthropods and associated ecosystem services in European farmland. *Landscape Ecology* 40, 97 DOI: [10.1007/s10980-025-02117-w](https://doi.org/10.1007/s10980-025-02117-w)
3. **Burns, K. L. W., Herbertsson, L., Stanley, D. A.** (2025) Honeybee have consequences for foraging bumblebees in Irish heathlands. *Proceedings of the Royal Society B.* 292: 20251915. DOI: 10.1098/rspb.2025.1915
4. Carlos, I., Strachan, L., **McCormack, G.**, Gorjanc, G., Obsteter, J. (2025) Modelling the impacts of imports of non-native honey bees into the native *Apis mellifera mellifera* population in Ireland, *bioRxiv* DOI: [10.1101/2025.07.16.664955](https://doi.org/10.1101/2025.07.16.664955)
5. Cini, E., Potts, S. G., Senapathi, D., Albrecht, M., Arafah, K., Askri, D., ... **Stout, J., ... et al.** (2025) Beekeepers' perceptions toward a new omics tool for monitoring bee health in Europe *PLoS ONE* 20(1): e0316609 DOI: [10.1371/journal.pone.0316609](https://doi.org/10.1371/journal.pone.0316609)
6. Eeraerts, M., Osterman, J., Batáry, P., Klein, A. M., Albrecht, M., Andersson, G. K. S., ... **Stanley, D., ... et al.** (2025) Global synthesis of apple pollination research highlights general pollen limitation and positive contributions of wild bees compared to honeybees *Journal of Applied Ecology* 62 (10), 2487-2501 DOI: 10.1111/1365-2664.70155
7. Lanuza, J. B., Knight, T. M., Montes-Perez, N., Glenny, W., Acuña, P., Albrecht, M., ... **Power, E., Stanley, D., Stout, J., ... et al.** (2025) EuPollNet: a European database of plant-pollinator networks *Global Ecology and Biogeography* 34 (2), e70000. DOI: 10.1111/geb.70000
8. **Larragy, S. J.**, Colgan, T. J., Stolle, E., Mayack, C., Köhler, I., **Stout, J. C., Carolan, J.C.** (2025) A Genome-Wide Analysis of Structure and Evolution in Irish and British Populations of *Bombus terrestris* (L. 1758): Implications for Genetic Resource Conservation *Evolutionary Applications* 18 (8), e70141 DOI: [10.1111/eva/70141](https://doi.org/10.1111/eva/70141)
9. Li, F. A., Costa, M., Henriques, D., Quaresma, A., Yadró García, C. A., Albo, A., ... **Coffey, M.F., ... et al.** (2025) Large Scale Mitochondrial Evidence of C-lineage Dominance in European Honey Bees *In VI International Conference of the Portuguese Society of Genetics*. Oeiras <http://hdl.handle.net/10198/34641>
10. **MacQueen, S. A., Stanley, D. A.**, Yearsley, J. M. (2025) Thermal limits of bumblebees and honeybees are modulated by different functional traits: predictions of a mechanistic model. *PLoS ONE* 20(5): e0320038. DOI: [10.1371/journal.pone.0320038](https://doi.org/10.1371/journal.pone.0320038)
11. Moog, S., Dejung, M., Fulzele, A., **Carolan, J.**, Colgan, T. J. (2025) Envenomation leads to venom protein reduction and recovery delay in bumblebee workers *bioRxiv* DOI: 10.1101/2025.07.25.666811
12. Murray, A. F., Leonhardt, S. D., **Stout, J. C.**, Ruedenauer, F. A., Vanderplanck, M., **Russo, L.** (2025) Pollen-Derived Fatty Acids and Amino Acids Mediate Variance in Pollinator Visitation *J Chem Ecol.* 24;51(1):7 DOI: [10.1007/s10886-025-01552-y](https://doi.org/10.1007/s10886-025-01552-y)
13. O'Connell, D. P., Healy, K., Wilton, J., Botías, C., **Jones, J. C.** (2025) A systematic meta-analysis of the efficacy of treatments for a global honey bee pathogen - the Varroa mite *Science of The Total Environment* 963 DOI: [10.1016/j.scitotenv.2024.178228](https://doi.org/10.1016/j.scitotenv.2024.178228)
14. **Straw, E. A., Stanley, D. A.** (2025) An introduction to bee and pesticide research *Journal of Applied Ecology* 62 (1), 19-27. DOI: 10.1111/1365-2664.14834
15. **Thompson, L.J., Stanley, D.A.**, Dacke, M., Herbertsson, L. (2025) Bumblebees avoid sucrose solution containing high concentrations of Roundup *Ecotoxicology* 34, 845–852. DOI: [10.1007/s10646-025-02878-9](https://doi.org/10.1007/s10646-025-02878-9)
16. Tourbez, C., Gekière, A., **Bottero, I.**, Chauzat, M., Cini, E., Corvucci, F., ... **Hodge, S., Stout, J., ... et al.** (2025) Variation in the pollen diet of managed bee species across European agroecosystems *Agriculture, Ecosystems & Environment*, 383, 109518. <https://doi.org/10.1016/j.agee.2025.109518>
17. Tsang, T. P. N., De Santis, A. A. A., Armas-Quiñonez, G., Ascher, J. S., Ávila-Gómez, E.S., Báldi, A., ... **Power, E., Stout, J., ... et al.** (2025) Land Use Change Consistently Reduces α - But Not β - and γ -Diversity of Bees *Glob Chang Biol.* 31(1):e70006. DOI: [10.1111/gcb.70006](https://doi.org/10.1111/gcb.70006)
18. Valentine, A., Moro, A., Briggs, E., Collier, B., Sandoval, K., Binetti, C., *et al.*, **McCormack, G.P.** (2025) Introgressive hybridisation puts the distinctive population of *Apis mellifera mellifera* in Ireland at risk: evidence from a multidisciplinary approach *Journal of Apicultural Research* 64 (1), 202-216 DOI:10.1080/00218839.2024.2404297

2024

1. Askri, D., Pottier, M., Arafah, K., Voisin, S.N., **Hodge, S., Stout, J.C., et al.** (2024) A blood test to monitor bee health across a European network of agricultural sites of different land-use by MALDI BeeTyping mass spectrometry *Science of the Total Environment* 929, 172239 DOI: [10.1016/j.scitotenv.2024.172239](https://doi.org/10.1016/j.scitotenv.2024.172239)
2. Babin, A., Schurr, F., Delannoy, S., Fach, P., Huyen Ton Nu Nguyet, M., Bougeard, S., ... **Hodge, S., Stout, J.C., ... et al.** (2024) Distribution of infectious and parasitic agents among three sentinel bee species across European agricultural landscapes. *Scientific Reports* 14, 3524 DOI: [10.1038/s41598-024-53357-w](https://doi.org/10.1038/s41598-024-53357-w)
3. Laurent, M., Bougeard, S., Caradec, L., Ghestem, F., Albrecht, M., Brown, M.J.F., ... **Hodge, S., Stout, J.C., ... et al.** (2024) Novel indices reveal that pollinator exposure to pesticides varies across biological compartments and crop surroundings *Science of the Total Environment* 927, 172118 DOI: [10.1016/j.scitotenv.2024.172118](https://doi.org/10.1016/j.scitotenv.2024.172118)
4. **Maher, S., Kelly, R., Hodge, S., O'Hora, E., Ruas, S., Rotches-Ribalta, R., et al. Stout, J.C.** (2024). Pollinator responses to farmland habitat features: one-size does not fit all *Journal of Pollination Ecology*, 36, 29–46 DOI: [10.26786/1920-7603\(2024\)753](https://doi.org/10.26786/1920-7603(2024)753)
5. Nicholson, C.C., Knapp, J., Kiljanek, T., Albrecht, M., Chauzat, M.-P., Costa, C., ... **Bottero, I., Hodge, S., Stout, J.C., ... et al.** (2024) Pesticide use negatively affects bumble bees across European landscapes. *Nature* 628, 355–358 DOI: [10.1038/s41586-023-06773-3](https://doi.org/10.1038/s41586-023-06773-3)
6. **O'Connell, D. P., Baker, B. M., Atauri, D., Jones, J. C.** (2024) Increasing temperature and time in glasshouses increases honey bee activity and affects internal brood conditions *Journal of Insect Physiology* 155: 104635 DOI: [10.1016/j.jinsphys.2024.10463](https://doi.org/10.1016/j.jinsphys.2024.10463)
7. Ratnieks, F.L.W., Kirwan, M., **O'Connell, D.P., Willans, J.M., Jones, J.C.** (2024) Follow-On Survey of the Ivy Bee (*Colletes hederæ*) in the East Coast of Ireland Autumn 2023 *Irish Naturalists' Journal* 41:1-6 Link: https://www.researchgate.net/publication/388353820_Follow-On_Survey_of_the_Ivy_Bee_Colletes_hederæ_in_the_East_Coast_of_Ireland_Autumn_2023

2023

1. Alejandre, E. M., Scherer, L., Guinée, J. B., Aizen, M. A., Albrecht, M., Balzan, M. V. ... **Stout, J.C., ... et al.** (2023) Characterization Factors to Assess Land Use Impacts on Pollinator Abundance in Life Cycle Assessment *Environmental Science & Technology* 57: 8, p3445–3454 DOI: [10.1021/acs.est.2c05311](https://doi.org/10.1021/acs.est.2c05311)
2. Barry, C., **Hodge, S.** 2023 You Reap What You Sow: A Botanical and Economic Assessment of Wildflower Seed Mixes Available in Ireland *Conservation* 3: 73-86 DOI: [10.3390/conservation3010007](https://doi.org/10.3390/conservation3010007)
3. **Bottero, I., Dominik, C., Schweiger, O., Albrecht, M., Attridge, E., Brown, M. J. F., ... Hodge, S., Stout, J.C., et al.** (2023) Impact of landscape configuration and composition on pollinator communities across different European biogeographic regions *Frontiers in Ecology and Evolution* 11 DOI: [10.3389/fevo.2023.1128228](https://doi.org/10.3389/fevo.2023.1128228)
4. **Burns, K. L. W., Stanley, D. A.** (2023) Irish faba beans (Fabales: Fabaceae) depend on wild bumblebee pollination for marketable yields *Agricultural and Forest Entomology* 25 (2): 312–322 DOI: [10.1111/afe.12553](https://doi.org/10.1111/afe.12553)
5. **Cullen, M. G., Bliss, L., Stanley, D. A., Carolan, J. C.** (2023) Investigating the effects of glyphosate on the bumblebee proteome and microbiota *Science of The Total Environment* 864: 161074 DOI: [10.1016/j.scitotenv.2022.161074](https://doi.org/10.1016/j.scitotenv.2022.161074)
6. Díaz, M. A., **O'Connell, D. P., Jordan, S., O'Connor, C., Martin, P., Jones, J. C., et al.** (2023) Analysis of Pesticide Levels in Honey and Pollen from Irish Honey Bee Colonies Using a Modified Dutch Mini-Luke Method with Gas and Liquid Chromatography–Tandem Mass Spectrometry Detection *Journal of Agricultural and Food Chemistry* 71 (34) 12657–12667. DOI: [10.1021/acs.jafc.3c02250](https://doi.org/10.1021/acs.jafc.3c02250)
7. **Dirilgen, T., Herbertsson, L., O'Reilly, A. D., Mahon, N., Stanley, D. A.** (2023) Moving past neonicotinoids and honeybees: A systematic review of existing research on other insecticides and bees *Environmental Research* 235: 116612 DOI: [10.1016/j.envres.2023.116612](https://doi.org/10.1016/j.envres.2023.116612)
8. **Dozier, E., Straw, E. A., Stanley, D. A.** (2023) Systematic review of cuckoo bumblebee research reveals data gaps and understudied species *Ecological Entomology* 48 (6): 636–649 DOI: <https://doi.org/10.1111/een.13260>
9. Eakins, J., Lynch, M., **Carolan, J. C., Rowan, N. J.** (2023) Studies on the novel effects of electron beam treated pollen on colony reproductive output in commercially-reared bumblebees (*Bombus terrestris*) for mass pollination applications *Science of The Total Environment* 899: 165614 DOI: [10.1016/j.scitotenv.2023.165614](https://doi.org/10.1016/j.scitotenv.2023.165614)
10. Franchini, P., Fruciano, C., Wood, T. J., Shastry, V., Goulson, D., Hughes, W. O. H., **Jones, J. C.** (2023) Limited introgression from non-native commercial strains and signatures of adaptation in the key pollinator *Bombus terrestris*. *Molecular Ecology* 32 (21) 5709–5723 DOI: [10.1111/mec.17151](https://doi.org/10.1111/mec.17151)

11. Henty Williams, J., Bordoni, A., Bednarska, A., Pinto, A. Cátia, A. Martins, H., ... **Knapp, J.**, ... *et al.* (2023) Roadmap for action on the environmental risk assessment of chemicals for insect pollinators (IPol-ERA) *European Food Safety Authority Journal* 20: 11 DOI: [10.2903/sp.efsa.2023.EN-8431](https://doi.org/10.2903/sp.efsa.2023.EN-8431)
12. **Hodge, S., Bottero, I.,** Brice, D., Welch, M., **Stout, J.C.** (2023) Diptera collected from commercial *Bombus terrestris* (Linnaeus) colonies placed out in Irish farmland *Dipterists Digest* 30, 166-171 Link: https://www.researchgate.net/publication/372250516_Diptera_collected_from_commercial_Bombus_terrestris_Linnaeus_colonies_placed_out_in_Irish_farmland
13. **Hodge, S., Maher, S., Stout, J.C.** (2023) Notes on the use of 'bee hotels' by stem-nesting Hymenoptera in three County Dublin orchards *Irish Naturalists' Journal* 40, 40-44 Link: https://www.researchgate.net/publication/379248504_Notes_on_the_use_of_'bee_hotels'_by_stem-nesting_Hymenoptera_in_three_County_Dublin_orchards
14. **Karbassioon, A., Stanley, D. A.** (2023) Exploring relationships between time of day and pollinator activity in the context of pesticide use *Basic and Applied Ecology* 72: 74-81 DOI: [10.1016/j.baae.2023.06.001](https://doi.org/10.1016/j.baae.2023.06.001)
15. **Karbassioon, A.,** Yearlsey, J., **Dirilgen, T., Hodge, S., Stout, J.C., Stanley, D. A.** (2023) Responses in honeybee and bumblebee activity to changes in weather conditions *Oecologia* 201 (3): 689-701 Link: <https://link.springer.com/article/10.1007/s00442-023-05332-x>
16. **Kavanagh, S., Phelan, N.,** Rodriguez-Gasol, N., O' Brien, S., **Stout, J., & Fitzpatrick, Úna.** (2023) Protecting Farmland Pollinators: Whole Farm Scorecard - Experiences and Recommendations *Journal of Pollination Ecology*, 34, 312–328 DOI: [10.26786/1920-7603\(2023\)745](https://doi.org/10.26786/1920-7603(2023)745)
17. **Knapp, J.,** Nicholson, C. C., Jonsson, O., de Miranda, J. R., Rundlöf, M. (2023) Ecological traits interact with landscape context to determine bees' pesticide risk *Nature Ecology & Evolution* 7 (4): 547-556 DOI: [10.1038/s41559-023-01990-5](https://doi.org/10.1038/s41559-023-01990-5)
18. **Knapp, J.,** Sciarretta, A. (2023) Agroecology: protecting, restoring, and promoting biodiversity *BMC Ecology and Evolution* 23 (1): 29 DOI: [10.1186/s12862-023-02140-y](https://doi.org/10.1186/s12862-023-02140-y)
19. **Larkin, M., Stanley, D. A.** (2023) Impacts of local and landscape grassland management on the structure of plant-pollinator networks *Basic and Applied Ecology* 70: 50-59. DOI: [10.1016/j.baae.2023.04.003](https://doi.org/10.1016/j.baae.2023.04.003)
20. **Larragy, S. J., Möllmann, J. S., Stout, J. C., Carolan, J. C.,** Colgan, T. J. (2023) Signatures of Adaptation, Constraints, and Potential Redundancy in the Canonical Immune Genes of a Key Pollinator *Genome Biology and Evolution* 15 (4) DOI: [10.1093/gbe/evad039](https://doi.org/10.1093/gbe/evad039)
21. Leclercq, N., Marshall, L., Weekers, T., Basu, P., Benda, D., Bevk, D., ... **Stanley, D.A.**, ... *et al.* (2023) Global taxonomic, functional, and phylogenetic diversity of bees in apple orchards *Science of the Total Environment* 901: 165933 DOI: [10.1016/j.scitotenv.2023.165933](https://doi.org/10.1016/j.scitotenv.2023.165933)
22. **McCann, M., McCormack, G. P.** (2023) Increased levels of introgression evident in Irish honey bees *Journal of Apicultural Research* 63(1): 205-207 DOI: [10.1080/00218839.2023.2262872](https://doi.org/10.1080/00218839.2023.2262872)
23. **O'Reilly, A. D., Stanley, D. A.** (2023) Non-neonicotinoid pesticides impact bumblebee activity and pollen provisioning *Journal of Applied Ecology* 60 (8): 1673-1683 DOI: [10.1111/1365-2664.14444](https://doi.org/10.1111/1365-2664.14444)
24. **O'Reilly, A. D., Stanley, D. A.** (2023) Solitary bee behaviour and pollination service delivery is differentially impacted by neonicotinoid and pyrethroid insecticides *Science of The Total Environment* 894: 164399 DOI: [10.1016/j.scitotenv.2023.164399](https://doi.org/10.1016/j.scitotenv.2023.164399)
25. **Russo, L.,** Ruedenauer, F., Gronert, A., Van de Vreken, I., Vanderplanck, M., Michez, D., *et al.* **Stout, J.C.** (2023) Fertilizer and herbicide alter nectar and pollen quality with consequences for pollinator floral choices *PeerJ* 11: e15452. DOI: [10.7717/peerj.15452](https://doi.org/10.7717/peerj.15452) Link: <https://peerj.com/articles/15452/>
26. **Smith, S., Moro, A., McCormack, G. P.** (2023) Exploring a Potential Avenue for Beekeeping in Ireland: Safeguarding Locally Adapted Honeybees for Breeding Varroa-Resistant Lines *Insects* 14: 827 DOI: [10.3390/insects14100827](https://doi.org/10.3390/insects14100827)
27. **Straw, E.A., Stanley, D.A.** (2023) Weak evidence base for bee protective pesticide mitigation measures *Journal of Economic Entomology* 116: 1604-1612 DOI: [10.1093/jee/toad118](https://doi.org/10.1093/jee/toad118)
28. **Thompson, L. J., Stout, J. C., Stanley, D. A.** (2023) Contrasting effects of fungicide and herbicide active ingredients and their formulations on bumblebee learning and behaviour *Journal of Experimental Biology* 226 (6) DOI: [10.1242/jeb.245180](https://doi.org/10.1242/jeb.245180)
29. Vickneswaran, M., **Carolan, J. C.,** Saunders, M., White, B. (2023) Establishing the extent of pesticide contamination in Irish agricultural soils *Heliyon* 9 (9) DOI: [10.1016/j.heliyon.2023.e19416](https://doi.org/10.1016/j.heliyon.2023.e19416)
30. Willcox, B., Potts, S. G., Brown, M. J. F., Alix, A., Al Naggar, Y., Chauzat, M.-P., ... **Knapp, J.L.**, ... *et al.* (2023) Emerging threats and opportunities to managed bee species in European agricultural systems: a horizon scan *Scientific Reports* 13 (1): 18099 DOI: [10.1038/s41598-023-45279-w](https://doi.org/10.1038/s41598-023-45279-w)
31. **Zioga E.,** White B., **Stout J. C.** (2023) Honey bees and bumble bees may be exposed to pesticides differently when foraging on agricultural areas *Science of The Total Environment* 896: 166214 DOI: [10.1016/j.scitotenv.2023.166214](https://doi.org/10.1016/j.scitotenv.2023.166214)

32. **Zioga, E., White, B., Stout, J. C.** (2023) Pesticide mixtures detected in crop and non-target wild plant pollen and nectar *Science of The Total Environment* 879: 162971 DOI: [10.1016/j.scitotenv.2023.162971](https://doi.org/10.1016/j.scitotenv.2023.162971)

2022

1. **Egan, P. A., Stevenson, P. C., Stout, J. C.** (2022) Pollinator selection against toxic nectar as a key facilitator of a plant invasion *Philosophical Transactions of the Royal Society B* 377: 20210168 DOI: [10.1098/rstb.2021.0168](https://doi.org/10.1098/rstb.2021.0168)
2. **Herbertsson, L., Ekroos, J., Albrecht, M., Bartomeus, I., Batáry, P., Bommarco, R., ... Power, E., Mullen, S., Stout, J.C., ... et al.** (2022) Bees increase seed set of wild plants while increasing proportion of arable land has a variable effect on pollination in European agricultural landscapes *Plant Ecology and Evolution* 154: 341-350 DOI: [10.5091/plecevo.2021.1884](https://doi.org/10.5091/plecevo.2021.1884)
3. **Hodge, S., Bottero, I., Dean, R., Maher, S., Stout, J. C.** (2022) Stem-nesting Hymenoptera in Irish farmland: empirical evaluation of artificial trap nests as tools for fundamental research and pollinator conservation. *Journal of Pollination Ecology* 31: 110-123 DOI: [10.26786/1920-7603\(2022\)697](https://doi.org/10.26786/1920-7603(2022)697)
4. **Hodge, S., Schweiger, O., Klein, A.-M., Potts, S. G., Costa, C., Albrecht, M., et al., Stout, J.C.** (2022) Design and planning of a transdisciplinary investigation into farmland pollinators: rationale, co-design, and lessons learned *Sustainability* 14 (17), 10549 DOI: [10.3390/su141710549](https://doi.org/10.3390/su141710549)
5. **Murphy, J. T., Breeze, T. D., Willcox, B., Kavanagh, S., Stout, J. C.** (2022) Globalisation and pollinators: modelling the impact of pollinator decline on international trade in animal-pollinated crops *People and Nature* 4(3): 773-785 DOI: [10.1002/pan3.10314](https://doi.org/10.1002/pan3.10314)
6. **Ruas, S., Kelly, R., Ahmed, K. S. D., Maher, S. M., O'Hora, E., Volpato, A., ... Stout, J.C., et al.** (2022) Does landscape structure affect the presence of woodland specialist pollinators in farmland? Implications for Agri-Environment Scheme design *Biology and Environment* 122B(1), pp. 17–37 DOI: [10.1353/bae.2022.0000](https://doi.org/10.1353/bae.2022.0000)
7. **Russo, L., Fitzpatrick, Ú., Larkin, M., Mullen, S., Power, E., Stanley, D., et al. Stout, J.C.** (2022) Conserving diversity in Irish plant–pollinator networks *Ecology and Evolution* 12, e9347 DOI: [10.1002/ece3.9347](https://doi.org/10.1002/ece3.9347)
8. **Stout, J. C., Dicks, L.V.** (2022) From science to society: implementing effective strategies to improve wild pollinator health. *Philosophical Transactions of the Royal Society B* 377: 20210165 DOI: [10.1098/rstb.2021.0165](https://doi.org/10.1098/rstb.2021.0165)
9. **Thompson, L. J., Smith, S., Stout, J. C., White, B., Zioga, E., Stanley, D. A.** (2022) Bumblebees can be exposed to the herbicide glyphosate when foraging. *Environmental Toxicology and Chemistry* 41, 10: 2603–2612 DOI: [10.1002/etc.5442](https://doi.org/10.1002/etc.5442)
10. **White, C. D., Collier, M. J., Stout, J.C.** (2022) Anthropogenic Induced Beta Diversity in Plant–Pollinator Networks: Dissimilarity, Turnover, and Predictive Power *Frontiers in Ecology and Evolution* 10 DOI: [10.3389/fevo.2022.806615](https://doi.org/10.3389/fevo.2022.806615)

2021

1. **Bottero, I., Hodge, S., Stout, J. C.** (2021) Taxon-specific temporal shifts in pollinating insects in mass-flowering crops and field margins in Ireland *Journal of Pollination Ecology* 28: 90-107 DOI: [10.26786/1920-7603\(2021\)628](https://doi.org/10.26786/1920-7603(2021)628)
2. **Burns, K. L. W., Fitzpatrick, Ú., Stanley, D. A.** (2021) Public perceptions of Ireland's pollinators: A case for more inclusive pollinator conservation initiatives *Journal for Nature Conservation* 61: 125999. DOI: [10.1016/j.jnc.2021.125999](https://doi.org/10.1016/j.jnc.2021.125999)
3. **Kavanagh, S., Henry, M., Stout, J.C., White, B.** (2021) Neonicotinoid residues in honey from urban and rural environments *Environmental Science and Pollution Research* 28: 28179-28190 Link: <https://link.springer.com/article/10.1007/s11356-021-12564-y>
4. **Larkin, M., Stanley, D.A.** (2021) Impacts of management at a local and landscape scale on pollinators in semi-natural grasslands *Journal of Applied Ecology* 58:2505–2514 DOI: [10.1111/1365-2664.13990](https://doi.org/10.1111/1365-2664.13990)
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