Publications

1. Kozlov, M. V., Zverev, V. & Zvereva, E. L. (2017) Combined effects of environmental disturbance and climate warming on insect herbivory in mountain birch in subarctic forests: results of 26-year monitoring. *The Science of the Total Environment*, **601-602**, 802-811 (doi: 10.1016/j.scitotenv.2017.05.230).
2. Kozlov, M. V. & Zvereva, E. L. (2017) Background insect herbivory: impacts, patterns and methodology. *Progress in Botany*, **79**, 315-355 (doi 10.1007/124_2017_4).
3. Kozlov, M. V. & Zverev, V. (2018) Temperature and herbivory, but not pollution, affect fluctuating asymmetry of mountain birch leaves: results of 25-year monitoring around the copper-nickel smelter in Monchegorsk, northwestern Russia. *The Science of the Total Environmen*t, **640–641**, 678–687 (doi: 10.1016/j.scitotenv.2018.05.328).
4. Hunter, M. D. & Kozlov, M. V. (2019) The relative strengths of rapid and delayed density dependence acting on a terrestrial herbivore change along a pollution gradient. *Journal of Animal Ecology*, **88**, 665–676 (doi: 10.1111/1365-2656.12930).
5. Zvereva, E. L., Hunter, M. D., Zverev, V., Kruglova O., & Kozlov, M. V. (2019) Climate warming leads to decline in frequencies of melanic individuals in subarctic leaf beetle populations. *The Science of the Total Environment*, **673**, 237-244 (doi: 10.1016/j.scitotenv.2019.03.458).
6. Kozlov, M. V., Zverev, V., & Sandner, T. M. (2019) Photosynthetic efficiency is higher in asymmetric leaves than in symmetric leaves of the same plant. *Symmetry*, **11**, 834 (doi: 10.3390/sym11060834).
7. Castagneyrol, B., Kozlov, M. V., Poeydebat, C., Toïgo, M., Jactel, H. Associational resistance to a pest insect fades with time. *Journal of Pest Science* (published online; doi: 10.1007/s10340-019-01148-y).
8. Zvereva, E. L., Castagneyrol, B., Cornelissen, T., Forsman, A., Hernández-Agüero, J. A., Klemola, T., Paolucci, L., Polo, V., Salinas, N., Theron, K. J., Xu, G., Zverev, V. & Kozlov, M. V. Opposite latitudinal patterns for bird and arthropod predation revealed in experiment with differently coloured artificial prey. *Ecology and Evolution* (in press).
9. Kozlov, M. V., Sokolova, I. V., Zverev, V., Egorov, A. A., Goncharov, M. Y. & Zvereva, E. L. Herbaria as distorting mirrors in studies of insect herbivory (submitted manuscript).
10. Kozlov, M. V., Zverev, V., Gusarov, V., Korobushkin, D., Krivosheina, N. P., Mattila, J., Mutanen, M., Punttila, P., Prosvirov, A. S., Söderman, G., Stańska, M., Taylor, A., Vahtera, V., Zubrij, N. A. & Zvereva, E. L. Latitudinal changes in intensities of invertebrate-mediated processes in soil and on soil surface in boreal forests of northern Europe (submitted manuscript).
11. Zhang, S., Chen, S., Zhang, Y., Ma, K. & Kozlov, M. V. Insect herbivory on woody plant leaves is associated with seed size and wood density: the trade-off among plant strategies (manuscript under revision).