

NETWORK PUBLICATIONS

- Abiem et al. (2020). Afromontane forest diversity and the role of grassland-forest transition in tree species distribution. *Diversity* (DOI: [10.3390/d12010030](https://doi.org/10.3390/d12010030))
- Asse et al. (2020). Process-based models outcompete correlative models in projecting spring phenology of trees in a future warmer climate. *Agricultural and Forest Meteorology* 285-286: 107931 (DOI: [10.1016/j.agrformet.2020.107931](https://doi.org/10.1016/j.agrformet.2020.107931))
- Birks (2019). Contributions of Quaternary botany to modern ecology and biogeography. *Plant Ecology and Diversity* 12(3-4): 189-385 (DOI: [10.1080/17550874.2019.1646831](https://doi.org/10.1080/17550874.2019.1646831))
- Brun et al. (2019). The productivity-biodiversity relationship varies across diversity dimensions. *Nature Communications* 10, 5691 (DOI: [10.1038/s41467-019-13678-1](https://doi.org/10.1038/s41467-019-13678-1))
- Callisto et al. (2019). A Humboldtian approach to mountain conservation and freshwater ecosystem services. *Frontiers in Environmental Sciences* (DOI: [10.3389/fenvs.2019.00195](https://doi.org/10.3389/fenvs.2019.00195))
- Chamberlain et al. (2020). Trait-modulated decline of carabid beetle occurrence along elevational gradients across the European Alps. *Journal of Biogeography* (DOI: [10.1111/jbi.13792](https://doi.org/10.1111/jbi.13792))
- Croll (2020). Of kings and Alpine ibex: the amazing resurrection of a species from near-extinction. *Ecology & Evolution*. [Link](#)
- Cuesta et al. (2020). Thermal niche traits of high alpine plant species and communities across the tropical Andes and their vulnerability to global warming. *Journal of Biogeography* 47(2): 408-420 (DOI: [10.1111/jbi.13759](https://doi.org/10.1111/jbi.13759))
- Dullinger et al. (2020). A socio-ecological model for predicting impacts of land-use and climate change on regional plant diversity in the Austrian Alps. *Global Change Biology* (DOI: [10.1111/gcb.14977](https://doi.org/10.1111/gcb.14977))
- Dong et al. (2020). Secondary contact after allopatric divergence explains avian speciation and high species diversity in the Himalayan-Hengduan Mountains. *Molecular Phylogenetics and Evolution* 143: 106671 (DOI: [10.1016/j.ympev.2019.106671](https://doi.org/10.1016/j.ympev.2019.106671))
- Farrer et al. (2019). Soil microbial networks shift across a high-elevation successional gradient. *Frontiers in Microbiology* (DOI: [10.3389/fmicb.2019.02887](https://doi.org/10.3389/fmicb.2019.02887))
- Filippa et al. (2019). Climatic drivers of greening trends in the Alps. *Remote Sensing* 11(21): 2527 (DOI: [10.3390/rs11212527](https://doi.org/10.3390/rs11212527))
- Fumy et al. (2020). Response of Orthoptera assemblages to environmental change in a low-mountain range differs among grassland types. *Journal of Environmental Management* 256: 109919 (DOI: [10.1016/j.jenvman.2019.109919](https://doi.org/10.1016/j.jenvman.2019.109919))
- Futschik et al. (2020). Disentangling observer error and climate change effects in long-term monitoring of alpine plant species composition and cover. *Journal of Vegetation Science* 31(1): 14-25 (DOI: [10.1111/jvs.12822](https://doi.org/10.1111/jvs.12822))
- Grossen et al. (2020). Purging of highly deleterious mutations through severe bottlenecks in Alpine ibex. *Nature Communication* 11: 1001 (DOI: [10.1038/s41467-020-14803-1](https://doi.org/10.1038/s41467-020-14803-1))
- He et al. (2020). Elevation, aspect, and local environment jointly determine diatom and macroinvertebrate diversity in the Cangshan Mountain, Southwest China. *Ecological Indicators* 108: 105618 (DOI: [10.1016/j.ecolind.2019.105618](https://doi.org/10.1016/j.ecolind.2019.105618))
- Immerzeel et al. (2020). Importance and vulnerability of the world's water towers. *Nature* 557: 364-369 (DOI: [10.1038/s41586-019-1822-y](https://doi.org/10.1038/s41586-019-1822-y))
- Jacobsen et al. (2020). Vulnerability of high-elevation endemic salamanders to climate change: A case study with the Cow Knob Salamander (*Plethodon punctatus*). *Global Ecology and Conservation* 21: e00883 (DOI: [10.1016/j.gecco.2019.e00883](https://doi.org/10.1016/j.gecco.2019.e00883))
- Karger et al. (2020). Disentangling the drivers of local species richness using probabilistic species pools. *Journal of Biogeography* (DOI: [10.1111/jbi.13763](https://doi.org/10.1111/jbi.13763))
- López-Angulo et al. (2019). Alpine vegetation dataset from three contrasting mountain ranges differing in climate and evolutionary history. *Data in Brief* 27: 104816 (DOI: [10.1016/j.dib.2019.104816](https://doi.org/10.1016/j.dib.2019.104816))
- López-Angulo et al. (2020). Impacts of climate, soil and biotic interactions on the interplay of the different facets of alpine plant diversity. *Science of The Total Environment* 698: 133960 (DOI: [10.1016/j.scitotenv.2019.133960](https://doi.org/10.1016/j.scitotenv.2019.133960))
- Malik et al. (2020). Variations in the timing of different phenological stages of cambial activity in *Abies pindrow* (Royle) along an elevation gradient in the north-western Himalaya. *Dendrochronologia* 59: 125660 (DOI: [10.1016/j.dendro.2019.125660](https://doi.org/10.1016/j.dendro.2019.125660))
- Mammola et al. (2019). Extending Janzen's hypothesis to temperate regions: A test using subterranean ecosystems. *Functional Ecology* 33(9): 1638-1650 (DOI: [10.1111/1365-2435.13382](https://doi.org/10.1111/1365-2435.13382))

- Möhl et al. (2020). Halving sunlight reveals no carbon limitation of aboveground biomass production in alpine grassland. *Global Change Biology* 26(3): 1857-1872 (DOI: [10.1111/gcb.14949](https://doi.org/10.1111/gcb.14949))
- Parisi et al. (2020). Diversity patterns of Coleoptera and saproxylic communities in unmanaged forests of Mediterranean mountains. *Ecological Indicators* 110: 105873 (DOI: [10.1016/j.ecolind.2019.105873](https://doi.org/10.1016/j.ecolind.2019.105873))
- Piton et al. (2020). Using proxies of microbial community-weighted means traits to explain the cascading effect of management intensity, soil and plant traits on ecosystem resilience in mountain grasslands. *Journal of Ecology* (DOI: [10.1111/1365-2745.13327](https://doi.org/10.1111/1365-2745.13327))
- Sainge et al. (2020). Diversity, above-ground biomass, and vegetation patterns in a tropical dry forest in Kimbi-Fungom National Park, Cameroon. *Heliyon* 6(1): e03290 (DOI: [10.1016/j.heliyon.2020.e03290](https://doi.org/10.1016/j.heliyon.2020.e03290))
- Santillán et al. (2020). Direct and indirect effects of elevation, climate and vegetation structure on bird communities on a tropical mountain. *Acta Oecologica* 102: 103500 (DOI: [10.1016/j.actao.2019.103500](https://doi.org/10.1016/j.actao.2019.103500))
- Scotti et al. (2020). Effects of land cover type on community structure and functional traits of alpine stream benthic macroinvertebrates. *Freshwater Biology* 65(3): 524-539 (DOI: [10.1111/fwb.13448](https://doi.org/10.1111/fwb.13448))
- Skenderović et al. (2019). Communities of aquatic macroinvertebrates from Konjuh Mountain headwater streams. In: Karabegović I. (eds) *New Technologies, Development and Application II. NT 2019. Lecture Notes in Networks and Systems*, vol 76. Springer, Cham (DOI: [10.1007/978-3-030-18072-0_68](https://doi.org/10.1007/978-3-030-18072-0_68))
- Steinbauer et al. (2020). Dieback and expansions: species-specific responses during 20 years of amplified warming in the high Alps. *Alpine Botany* (DOI: [10.1007/s00035-019-00230-6](https://doi.org/10.1007/s00035-019-00230-6))
- Testolin et al. (2020). Global distribution and bioclimatic characterization of alpine biomes. *Ecography* (DOI: [10.1111/ecog.05012](https://doi.org/10.1111/ecog.05012))
- Tolotti et al. (2020). Alpine headwaters emerging from glaciers and rock glaciers host different bacterial communities: Ecological implications for the future. *Science of The Total Environment* 717: 137101 (DOI: [10.1016/j.scitotenv.2020.137101](https://doi.org/10.1016/j.scitotenv.2020.137101))
- Tudoran and Zotta (2020). Adapting the planning and management of Norway spruce forests in mountain areas of Romania to environmental conditions including climate change. *Science of The Total Environment* 681: 133761 (DOI: [10.1016/j.scitotenv.2019.133761](https://doi.org/10.1016/j.scitotenv.2019.133761))
- Vilmi et al. (2020). Ecological processes underlying community assembly of aquatic bacteria and macroinvertebrates under contrasting climates on the Tibetan Plateau. *Science of The Total Environment* 702: 134974 (DOI: [10.1016/j.scitotenv.2019.134974](https://doi.org/10.1016/j.scitotenv.2019.134974))

Journal Issues

- *Plant Ecology and Diversity* 12(6): Monographs in Long-term High Mountain Ecological Research - the Mérida Andes, Venezuela. [Link](#)
- *Mountain Research and Development* 39(2): Adaptation to Climate Change and Sustainable Mountain Development—Assessing Approaches and Understanding Implications for the Future. [Link](#)