PERSONAL INFORMATION

Wolfgang Rabitsch

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Sex M | Date of birth 04/02/1968| Nationality Austria

WORK EXPERIENCE

02/2005 – present

Project Manager at the Department of Biodiversity & Nature Conservation

Umweltbundesamt (Environment Agency Austria), Spittelauer Lände 5, 1090 Vienna, Austria

- Support to the national implementation and reporting of the EU-Invasive Alien Species Regulation 1143/2014
- Risk Assessments (incl. methodological developments) of alien (non-native) species
- Developing of alien (non-native) species inventories of Germany and Austria
- Forward looking methods of biological invasions (Horizon Scanning, Scenarios developments)
- Red List of Heteroptera of Austria
- Biogeography of species endemic to Austria
- Impact of climate change on biodiversity and nature conservation
- Project acquisition and management
- Organization of conferences & exhibitions, public dissemination of outcomes, writing of reports and scientific papers

Business or sector National Administration / Environmental Services

01/1999 – 01/01/2005

Independent Scientist

Institute of Zoology, University of Vienna and the Natural History Museum Vienna, Austria

- Red lists of Heteroptera of Austrian provinces
- Checklist of the Heteroptera of Austria
- Inventory of alien (non-native) species of Austria
- Impact of habitat quality on Heteroptera biodiversity (bioindication and monitoring)

Business or sector Independent Consultant / Environmental Services

EDUCATION AND TRAINING

1987 - 1997

Dr. (PhD) in Zoology

Level 6

University of Vienna, Austria

Zoology, Physiology, Entomology, Nature Conservation

PERSONAL SKILLS

MOTHER TONGUE(S) German

OTHER LANGUAGE(S)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	B2	B2	C1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

JOB-RELATED SKILLS

Broad knowledge on ecology, with specific interests in
- nature conservation
- biological invasions
- risk assessments
- climate change
- biodiversity indicators
- conservation biogeography
- entomology

National focal point on alien species in Austria and national representative in the Scientific Forum Biodiversity and Biogeography of European Heteroptera
University lectures, Scientific and popular writing

ORGANISATIONAL/ MANAGERIAL SKILLS

Experienced in leading large and small project teams
Experienced in organising scientific conferences and exhibitions
Experienced in writing and editing scientific papers and books

COMMUNICATION SKILLS

Team player

COMPUTER SKILLS

Microsoft Office

OTHER SKILLS

Driving licence Category A and B

ADDITIONAL INFORMATION

MEMBERSHIP

Member of the IUCN SSC Invasive Species Specialist Group
Editorial board member of scientific journals
Editorial board member of EASIN
Vice-President of the Austrian Entomological Society
President of the Austrian Society of Entomofaunistics

SELECTED PUBLICATIONS

Rabitsch, W. et al. (2021): Study on invasive alien species. Development of risk assessments to tackle priority species and enhance prevention: final report (and annexes). Report 2100 pp.

Rabitsch, W., Kudrnovsky, H. & Götzl, M. (2021): Invasive alien plant species, habitat types important for pollinators, and the possible risks in the European Union. ETC/BD Technical Report 2/2021 56 pp.

Rew, L.J., et al. (2020): Moving up and over: redistribution of plants in alpine, Arctic, and Antarctic ecosystems under global change. Arctic, Antarctic, Alpine Res. 52: 651-665.

Peyton, J., et al. (2020): Horizon scanning to predict and prioritise invasive alien species with the potential to threaten human health and economies on Cyprus. Frontiers Ecol. Evol. 8: 566281.

Booy, O., et al. (2020): Using structured eradication feasibility assessment to prioritise the management of new and emerging invasive alien species in Europe. Global Change Biol. 26: 6235-6250.

Pergl, J., et al. (2020): Applying the Convention on Biological Diversity Pathway Classification to alien species in Europe. NeoBiota 62: 333-363.

Schertler, A., et al. (2020): The potential current distribution of the coypu (Myocastor coypus) in Europe and climate change induced shifts in the near future. NeoBiota 58: 129-160.

Robertson, P.A., et al. (2020): A proposed unified framework to describe the management of biological invasions. Biol. Invasions. 22: 2633-2645.

Hülber, K., et al. (2020): Habitat availability disproportionally amplifies climate change risks for lowland compared to alpine species. Glob. Ecol. Conserv. 23, e01113.

Otero, I., et al. (2020): Biodiversity Policy beyond Economic Growth. Conserv. Lett. 13: e12713.

Hughes, K.A., et al. (2019): Invasive non-native species likely to threaten biodiversity and ecosystems in the Antarctic Peninsula region. Global Change Biol. 26: 2702-2716.

Essl, F., et al. (2019): A Conceptual Framework for Range-Expanding Species that Track Human-Induced Environmental Change. BioScience 69: 908-919.

Soler, R., et al. (2019): Twelve-year dynamics of alien and native understorey plants following variable retention harvesting in Nothofagus pumilio forests in Southern Patagonia. Forest Ecol. Managem. 449: 117447.

González-Moreno, P., et al. (2019): Consistency of impact assessment protocols for non-native species. NeoBiota 44: 1-25.

Roy, H.E., et al. (2019): Developing a list of invasive alien species likely to threaten biodiversity and ecosystems in the European Union. Global Change Biol. 25: 1032-1048.

Rabitsch, W., et al. (2018): Analysis and prioritization of pathways of unintentional introduction and spread of invasive alien species in Germany in accordance with Regulation (EU) No 1143/2014. BfN-Skripten 490: 103 pp.

Giakoumi, S., et al. (2019): Conserving European biodiversity across realms. Conserv. Lett. 12: e12586,

Essl, F., et al. (2018): Which Taxa Are Alien? Criteria, Applications, and Uncertainties. BioScience 68: 496-509.

Macic, V., et al. (2018): Biological invasions in conservation planning: A global systematic review. Frontiers in Marine Science 5: 178.

Seebens, H., et al. (2018): Global rise in emerging alien species results from increased accessibility of new source pools. Proc. Natl. Acad. Sci. 115: E2264-2273.

Alexander, J., et al. (2018): Lags in the response of alpine plant communities to climate change. Global Change Biol. 24: 563-579.

Roy, H., et al. (2018): Developing a framework of minimum standards for the risk assessment of alien species. J. Appl. Ecol. 55: 526-538.

Bacher, S., et al. (2018): Socio-economic impact classification of alien taxa (SEICAT). Meth. Ecol. Evol. 9: 159-168.

Wessely, J. et al. (2017): Habitat-based conservation strategies cannot compensate for climate change-induced range loss. Nature Climate Change 7: 823-827.

Carboneras, C., et al. (2017): A prioritised list of invasive alien species to assist the effective implementation of EU legislation. J. Appl. Ecol. 55: 539-547.

Turbe, A., et al. (2017): Assessing the assessments: evaluation of four impact assessment protocols for listing and prioritising invasive alien species. Divers. Distribut. 23: 297-307.

Seebens, H. et al. (2017): No saturation in the accumulation of alien species worldwide. Nature Communications 8:14435, 1-9.

Rabitsch, W. et al. (2017): The rise of non-native vectors and reservoirs of human diseases. In: Vila, M. & Hulme, P.E. (eds) Impact of biological invasions on ecosystem services. Springer, Berlin, 263-275.

Pyšek, P. et al. (2017): Displacement and local extinction of native and endemic species. In: Vila, M. & Hulme, P.E. (eds) Impact of biological invasions on ecosystem services. Springer, Berlin, 157-175.

Pergl, J. et al. (2017): Troubling travellers: are ecologically harmful alien species associated with particular introduction pathways? NeoBiota 32: 1-20.

Essl, F. et al. (2017): Scientific and normative foundations for the valuation of alien species impacts: Thirteen core principles. BioScience 67: 166-178.

Roy, H. et al. (2017): Alien pathogens on the Horizon: opportunities for predicting their threat to wildlife. Conserv. Lett. 10: 477-484.

Tollington, S. et al. (2017): Making the EU legislation on invasive species a conservation success. Conserv. Lett. 10: 112-120.

Kumschick, S. et al. (2016): Intentionally introduced terrestrial invertebrates: patterns, risks, and options for management. Biol. Invasions 18: 1077-1088.

Roques, A. et al. (2016): Temporal and interspecific variation in rates of spread for insect species invading Europe during the last 200 years. Biol. Invasions 18: 907-920.

Rabitsch, W. et al. (2016): Developing and testing alien species indicators for Europe. J. Nat. Conserv. 29: 89-96.

Rabitsch, W. et al. (2016): Biogeography and ecology of endemic invertebrate species in Austria: a cross-taxon analysis. Basic Appl. Ecol. 17: 95-105.

Essl, F. et al. (2015): Delayed biodiversity change: no time to waste. Trends Ecol. Evol. 30: 375-378.

Essl, F. et al. (2015): Historical legacies accumulate to shape future biodiversity in an era of rapid global change. Divers. Distribut. 21: 534-547.

Kumschick, S. et al. (2015): Ecological impacts of alien species: quantification, scope, caveats and recommendations. BioScience 65: 55-63.

Blackburn, T.M. et al. (2014): A Unified Classification of Alien Species Based on the Magnitude of their Environmental Impacts. PLOS Biology 12(5), e1001850

Jeschke, J. et al. (2014): Defining the impact of non-native species: resolving disparity through greater clarity. Conserv. Biol. 28: 1188-1194.

Dullinger, S. et al. (2013): Europe's other debt crisis caused by the long legacy of future extinctions. Proc. Natl. Acad. Sci. 110: 7342-7347

Essl, F. et al. (2013): Native, alien, endemic, threatened, and extinct species diversity in European countries. Biol. Conserv. 164: 90-97.

Rabitsch, W. et al. (2013): The times are a changing: temporal shifts in patterns of fish invasions in Central European freshwaters. J. Fish Biol. 82: 17-33.

Essl, F. et al. (2011): Review of risk assessment systems of IAS in Europe and introducing the German-Austrian black list information system (GABLIS). J. Nat. Conserv. 19: 339-350.

Rabitsch, W. (2011): The hitchhiker's guide to alien ant invasions. BioControl 56: 551-572.

Dirnböck, T. et al. (2011): Disproportional extinction risk of high-altitude endemic species under climate change. Global Change Biol. 17: 990-996.

Essl, F. et al. (2011): Socioeconomic legacy yields an invasion debt. Proc. Natl. Acad. Sci. 108: 203-207.

Pyšek, P. et al. (2010): Disentangling the role of environmental and human pressures on biological invasions across Europe. Proc. Natl. Acad. Sci. 107: 12157-12162.

Full list of references: http://homepage.univie.ac.at/wolfgang.rabitsch/refs.html