



## **CURRICULUM VITAE**

### **Univ.-Prof. Dr. Rudolf Maier**

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### **Personal data**

Date of birth: 26.11.1946, Straganz, Kärnten.

Nationality: Austria

### **Current position**

Ao. Univ.-Prof., Department of Molecular System Biology, University of Vienna

### **Education**

Dr.phil., 1970, University of Vienna

Habilitation (Univ.-Doz.) for Anatomy and physiology of plants, Univ. of Vienna, 1978. Teaching thesis: Bioindication of lead effects on plants considering time, temperature and light via enzymatic methods.

Ao. Univ.-Prof., 1987

### **Academic career**

#### **Austrian Academy of Sciences**

Scientific employee, 1969-1971

#### **University of Vienna**

Scientific assistant, Institute of Plant Physiology, 1979

Head of the working group on experimental field-ecology, 1985-1989

Coordinator of the research program Urban Ecology, Inst. of Plant Physiology, 1993-1998

Head of the working group "Urban ecology project group", since 1993.

Managing deputy head of the Division of Physiology, Ecology and Anatomy of Plants, Institute of Plant Physiology, 1993

Interim head of the Division of Physiology, Ecology and Anatomy of Plants, Institute of Plant Physiology, 1998

Head of the Division of Ecophysiology of Plants, Institute of Plant Physiology, later Institute of Ecology and Conservation Biology, 1998-2005

Deputy Head of the Department of Ecophysiology and Functional Anatomy of Plants, 2005 - 2007

Head of the Department of Ecophysiology and Functional Anatomy of Plants, EcoCenter Vienna, Univ. of Vienna, 2007-2008

Deputy head of the Department of Molecular System Biology, EcoCenter Vienna, Univ. of Vienna, since 2009

## **Free University of Bolzano**

Visiting Professor for Ecology and Ecophysiology of Plants, since 2000

### **Teaching**

Lessons, seminars and laboratory courses in Ecology, Plant Ecophysiology, Plant Anatomy, Plant Physiology, Stress Physiology, Environmental Pollution, Field Ecology, Ecosystem-based Structure-, Energy- and Material Balance Analyses, Urban Ecology

Advisor to diploma and doctoral students

### **Science fields**

Basic and applied research in the laboratory and in the field. Analyses of function of near-natural ecosystems and anthropogenic habitats based on molecular methods, ecological field methods and ecosystem-based structure, energy and material balances for sustainable ecological planning.

### **Projects**

International and national projects: IBP, MAB, biotope mapping, cultivated landscape research, urban ecology

### **Expertises and consultings**

Expert activity in the area of pollutant emissions of caloric power plants, ecological evaluation of water management measures. Environmental consulting

### **Other activities**

Evaluator and chairman of the Examination Board Ecology, University of Vienna, since 2000

Editor of scientific journals:

Verhandlungen der Zoologisch- Botanischen Gesellschaft in Österreich, since 1977

Abhandlungen der Zoologisch- Botanischen Gesellschaft in Österreich, since 1977

Schriften des Vereines zur Verbreitung naturwissenschaftlicher Kenntnisse, since 2003

Ombudsman for environment protection. Bisamberg, Lower Austria, 1983-1985

Council and managing council for environment protection and waste management. Bisamberg, Lower Austria, 1985-2000

### **Scientific awards**

Award by the "Theodor-Körner-Stiftungsfonds", 1978

Award for science in the service of the state of Lower Austria, 1979

Corresponding member of the Natural Science Association of Carinthia, 1985

Austrian State award for Applied Ecosystem Research (team award), 1990

Swiss Transdisciplinarity Award (team award), 2000

Science award of the state of Lower Austria, 2003