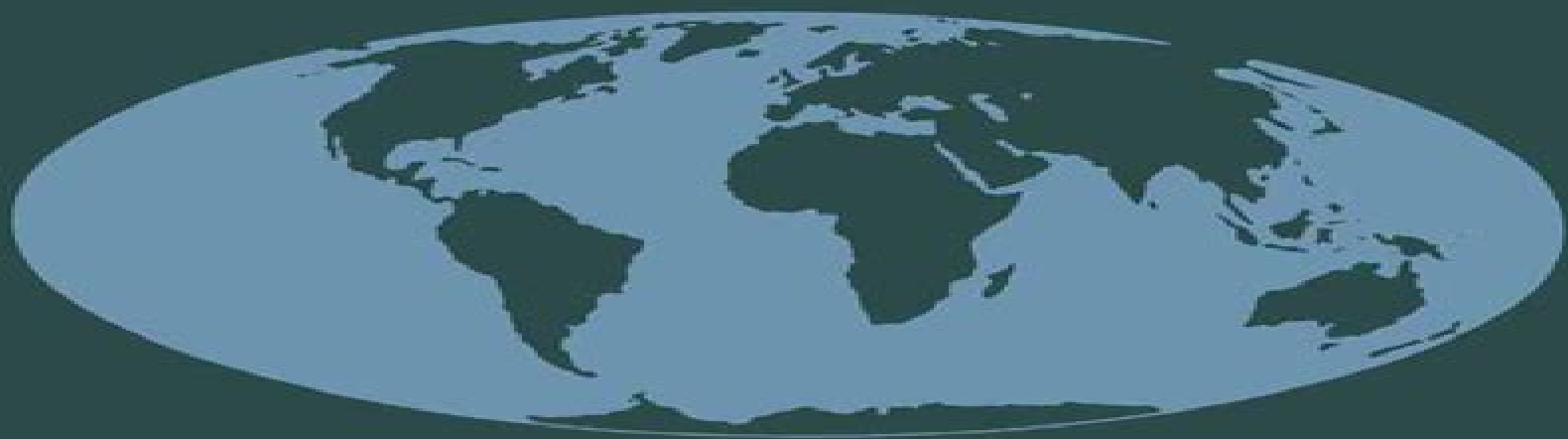


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Siegmar-W. Breckle

# Ecological Systems of the Geobiosphere

## 2 Tropical and Subtropical Zonobiomes



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Walter, Siegm. W. Breckle, 1989-08-17 By the end of the last century the only region in all of Europe where the natural vegetation remained untouched over large expanses was Eastern Europe. Information on the vegetation of this region however remained mostly unavailable to western scientists although the ecological approach to botanical research originated in Eastern Europe. Heinrich Walter was born in Russia, studied Natural Sciences with emphasis on botany in Odessa and is familiar with all relevant Russian literature on ecology. This volume thus offers scientists worldwide a unique and comprehensive survey of all relevant research including the mostly unknown literature published in Russian. **Ecological systems of the geobiosphere** Heinrich Walter, Siegm. W. Breckle, **Ecological Systems of the Geobiosphere** Heinrich Walter, Siegm. W. Breckle, 2013-06-29 **Ecological Systems of the Geo-biosphere** Heinrich Walter, Siegm. W. Breckle, 1985 **Vegetationszonen und Klima Engl** Heinrich Walter, Siegm. W. Breckle, 2002-08-07 Zonobiome desert Tundra Taiga laurel ecosystem grassland climate forest tropical woodlands rain

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thermal zones and bioclimatic regions of the earth These authors calculated mean phyto mass and mean annual primary production for the various regions as dry mass in tons per hectare On the basis of measurements of the areas covered by the individual regions excluding rivers lakes glaciers and permanent snow total phytomass and total annual primary production for the various regions were obtained see table The sum of these figures is the phytomass and annual production of the land surface of the earth In addition the table gives corresponding data for the waters of the earth The values involved are potential i e they are based on natural vegetation uninfluenced by man

Ecological Systems of the Geobiosphere: Ecological principles in global perspective Heinrich Walter, 1985

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Pascal, Catherine Prost, Voyner Ravena-Cañete, Frédérique Seyler, Serge Morand, 2019-03-12 This book considers the principle of sustainable development which is currently facing a growing environmental crisis A new mode of thinking and positioning the ecological imperative is the major input of this volume The prism of co viability is not the economics of political agencies that carry the ideology of the dominant conventional economic schools but rather an opening of innovation perspectives through science This volume through its four parts more than 40 chapters and a hundred authors gives birth to a paradigm which crystallizes within a concept that will support in overcoming the ecological emergency deadlock     **Ecological systems of the geobiosphere** Heinrich Walter, Siegmar-Walter Breckle, 1985     Tropical Ecological Systems Frank B. Golley, Ernesto Medina, 1975-01-01 Physiological ecology Dynamics of populations Interaction between species Tropical forest analysis Savannas Tropical water bodies Island ecosystems

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