

Contents

**Part I Remarks on Chapters from “Plant Life of the Dolomites:
Vegetation Structure and Ecology” (Vol. 1)**

Exploration of the Flora and Ecological Factors in the Dolomites	3
Syntaxonomy of the <i>Seslerio-Caricetum sempervirentis</i>	7
Previous Elaborations	7
Classification of the <i>Sesleria</i> Communities Based on Relevés from the Dolomites	9
Ordination and Interpretation of the Tables	10
Some Questions of Syntaxonomy	12
The Problem of Character Species	14

Part II Association (Vegetation) Tables

Association Tables to the Habitat “Stable Meadows and Vegetation of Fields and Human Settlements”	19
Association Tables to the Habitat “Forests of Broadleaved Trees in the Valley Floor and in the Montane Habitat”	43
Association Tables to the Habitat “Arid and Steppe Grasslands”	77
Association Tables to the Habitat “The Alpine Taiga (Coniferous Forests and Heats with Rhododendrons)”	99
Association Tables to the Habitat “Subalpine Broadleaved Shrub Communities”	141
Association Tables to the Habitat “Wet Habitats”	153
Association Tables to the Habitat “Alpine Grasslands with Acidocline Species”	165
Association Tables to the Habitat “Plant Life on Dolomitic and Calcareous Scree”	201
Association Tables to the Habitat “Alpine Grasslands on Limestones and Dolomites”	239
Association Tables to the Habitat “Pioneer Patches and Discontinuous Vegetation of Ridges and Peak Habitats”	299

Association Tables to the Habitat “Snow Beds”	329
Association Tables to the Habitat “Rupestrian Habitats”	339
Geo-Referenced Locations of Relevés	365
Vegetation Relevés: Location, Date, Sporadic Species	367
Relevés to “Stable Meadows and Vegetation of Fields and Human Settlements” (Chap. 2 in Vol. 1)	368
Relevés to “Forests of Broadleaved Trees in the Valley Floor and in the Montane Habitat” (Chap. 3 in Vol. 1)	373
Relevés to “Arid and Steppe Grasslands” (Chap. 4 in Vol. 1)	379
Relevés to “The Alpine Taiga (Coniferous Forests and Heats with Rhododendrons)” (Chap. 5 in Vol. 1)	384
Relevés to “Subalpine Broadleaved Shrub Communities” (Chap. 6 in Vol. 1)	393
Relevés to “Wet Habitats” (Chap. 7 in Vol. 1)	397
Relevés to “Alpine Grasslands with Acidocline Species” (Chap. 8 in Vol. 1)	399
Relevés to “Plant Life on Dolomitic and Calcareous Scree” (Chap. 9 in Vol. 1)	406
Relevés to “Alpine Grasslands on Limestones and Dolomites” (Chap. 10 in Vol. 1)	414
Relevés to “Pioneer Patches and Discontinuous Vegetation of Ridges and Peak Habitats” (Chap. 11 in Vol. 1)	424
Relevés to “Snow Beds” (Chap. 12 in Vol. 1)	429
Relevés to “Rupestrian Habitats” (Chap. 13 in Vol. 1)	431
 Part III Data on Microclimate and Ecophysiology	
Energy Flow and Vegetation	439
Light (Refers to Vol. 1, p. 528)	439
Soil Temperature (Refers to Vol. 1, p. 531–532)	439
Microclimate—Methods (Refers to Vol. 1, p. 533–544)	440
Ecomorphological and Ecophysiological Adaptations (Refers to Vol. 1, p. 535)	440
Adaptations to Solar Radiation (Refers to Vol. 1, p. 537)	441
Luminous Cascade	442
The Plant Community and the Bioclimatic Niche (Refers to Vol. 1, p. 538)	442
The Problem of the Reference System	443
Thermal Environment of the Alpine Belt on Limestone and Dolomite (Refers to Vol. 1, p. 540)	443
Microclimate of the <i>Picea abies</i> Belt and at the higher Belts on Acid Soil (Refers to Vol. 1, p. 544)	444
Microclimate of the Deciduous Forests and Meadows (Refers to Vol. 1, p. 546–547)	445
Symmetry Break and Self-Organisation (EcoTable 14.14)	446
 Biodiversity as a Function of Ecosystem	471

Part IV Vegetation Complexes, Landscape Tables

The Landscape of the Dolomites	487
Observations Along the Dolomite Trail No. 2 (Refers to Chap. 19 in Vol. 1, Sect. The Dolomite Trail No. 2, p. 650)	488
The Most Significant Vegetation Complexes in the Dolomites (Refers to Chap. 19 in Vol. 1, Sect. The Vegetation Complexes, p. 653)	489
The Vegetation Complex as an Expression of Order (Refers to Chap. 19 in Vol. 1, p. 675–681, Fig. 19.19)	489
Landscape Units	491
The Colline (Prealpine) Landscape Unit	491
Montane Landscape Units	493
Subalpine Landscape Units	506
Group of the <i>Rhododendron</i> -Complexes (Landscape Tables 12–15)	513
Alpine Landscape Units on Acid Substrates	525
Alpine Landscape Units on Basic Substrates	532
Three Landscape Systems (Refer to Vol. 1, p. 655, 674)	553
Landscape System of the Prealps	553
Landscape System of the Exterior Dolomites	553
Landscape System of the Interior Dolomites	554
References	557