

INDEX

- E. Pignatti, S. Pignatti. La vegetazione delle Vette di Feltre al di sopra del limite degli alberi. pp. [7-47](#).
- C. Lasen. Flora delle Alpi Feltrine. pp. [49-126](#).
- C. Lasen, La vegetazione di Erera-Brendol-Campotorondo. pp. [127-169](#).
- E. Frossi. Studio microclimatico della vegetazione alpina delle Vette di Feltre. pp. [171-189](#).
- C. Villani. I pascoli delle Vette di Feltre. pp. [191-219](#).
- C. Argenti. Carex vulpinoidea michx. avventizia nel bellunese. pp. [221-224](#).

Allegato. C. Villani. [Carta fitosociologica della "Busa delle Vette"](#)

Studia Geobotanica, [Vol. 3: 7-47 \(1983\)](#)

LA VEGETAZIONE DELLE VETTE DI FELTRE AL DI SOPRA DEL LIMITE DEGLI ALBERI

Erika PIGNATTI, Sandro PIGNATTI

Keywords: Alpine vegetation, endemism, refuge in ice time, Dolomites (vegetation)

Abstract: *THE VEGETATION ABOVE TIMBERLINE IN THE VETTE DI FELTRE MOUNTAINS.* These mountains (at the southern margin of the Dolomites) were not covered by ice during the cold phases of Pleistocene, and therefore their flora is particularly rich in relict or endemic elements. The phytosociological investigation shows that the vegetation is well diversified: 15 associations belonging to at least 4 classes are described in the alpine and subalpine belts of this territory. Most of the associations have been already described from other parts of the Dolomites, but in this territory most of them present particular floristic and sociological features. Three associations are new: Alyssetum ovirensis, Adenostyli-Heracleetum polliniani and Cortusetum matthiolii. The phytogeographical, phytosociological and ecological problems of this vegetation are discussed.

FLORA DELLE ALPI FELTRINE

Cesare LASEN

Keywords: Check list, Flora, Alpi Feltrine, Eastern Alps

Abstract: *CHECK LIST OF THE FLORA OF THE ALPS NEAR FELTRE.* The flora of the calcareous mountains near Feltre (Belluno) is composed by about 1,600 species of vascular plants, some of them endemic or very rare and in this sense may be regarded as particularly rich. New records for the regional flora and some critical species are discussed.

LA VEGETAZIONE DI ERERA-BRENDOL-CAMPOTORONDO

Cesare LASEN

Keywords: Vegetation, Alpi Feltrine, Eastern Alps

Abstract: *THE VEGETATION OF THE ERERA-BRENDOL-CAMPOTORONDO ALPS NEAR FELTRE.* The mountain group Elera-Brendol-Campotorondo is one of the most interesting landscapes of the Dolomites near Belluno. The vegetation consists of about 20 types which are described in their floristical composition and ecological problems. The timberline lies in about 1600m and may be regarded as particularly low for the Southern Alps. The karstic plateau is covered by a monotonous formation of *Pinus mugo*, *Rhododendron* and other prostrate shrubs. Cattle- and sheep-grazing has played the most important role in the past and secondary grasslands are widespread. Rocks, gravels, and snow beds, although relatively limited, show a rich endemic flora and quite rare vegetation types.

STUDIO MICROCLIMATICO DELLA VEGETAZIONE ALPINA DELLE VETTE DI FELTRE

Elisabetta FROSSI

Keywords: Alpine vegetation, Microclimate, Ecophysiology of Alpine plants, Synecology

Abstract: MICROCLIMATIC INVESTIGATIONS IN THE ALPINE VEGETATION OF THE VETTE DI FELTRE. Synecological studies of the vegetation have been carried out in the glacial circus Busa delle Vette at about 2,000m (Vette di Feltre, Prov. Belluno, Italy), on limestone. The microclimate of the grasslands association (*Seslerio-Caricetum sempervirentis* and *Nardetum*) is mesic, whereas the pioneer *Adenostyli-Heracleetum*, colonizing the scree slopes, has warmer and drier conditions. On the contrary the *Adenostyles glabra*-association and the *Rumicetum alpini* are confined to more humid sites. The pedological study confirms such relations. The earliest stage of the pedogenetical evolution with (A)-C profile of the *Adenostyli-Heracleetum* develops a soil characterized by the presence of a mollic epipedon under the *Seslerio-Caricetum sempervirentis*. Intensification of the pedogenetic processes leads to the formation of an illuvial horizon in the *Nardetum*-soils. Further developmental stages with peculiar features, can be identified in the *Rumex alpinus*- and *Adenostyles glabra* - associations.

I PASCOLI DELLE VETTE DI FELTRE

Claudia VILLANI

Keywords: Eastern Alps, pastures, phytomass, fodder production, grazing

Abstract: PASTURES OF THE VETTE DI FELTRE. This study deals with the floristic composition of the grasslands in the Vette di Feltre (SW-Dolomites, Prov. Belluno, Italy) and with the potential of this territory for grazing. The vegetation types of economic interest above timberline are: *Seslerio-Caricetum sempervirentis*, *Nardetum* and *Rumicetum alpini*. These have been mapped and the area

covered by each association has been calculated. The yearly phytomass production was estimated with field measurements. On the basis of the floristic composition it is possible to calculate the fodder production in the area and consequently the optimal grazing pressure. Intensive grazing in the last centuries produced huge changes in the vegetation of the area.

Studia Geobotanica, Vol. 3: 221-224 (1983)

CAREX VULPINOIDEA MICHX. AVVENTIZIA NEL BELLUNESE

Carlo ARGENTI

Keywords: *Carex*, Exotic species, Eastern Alps

Abstract: *CAREX VULPINOIDEA MICHX. ADVENTITIOUS IN THE BELLUNO PROVINCE.* This American species has been found for the first time in Italy near Belluno.
