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ABSTRACTS

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Holocene history of the vegetation of the high Tuscan-Emilian Apennines

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The vegetation history of Tuscan-Emilian Apennines from late glacial/postglacial times is known from the palynological researches of several Authors, especially A. Chiarugi (*Le epoche glaciali dal punto di vista botanico*, Acc. Naz. Lincei, Quadr. 16, 1950).

We have taken up the study again using ^{14}C dating and a detailed knowledge of the NA pollen grains, approaches that were neglected in the past. The main problems which have to be examined concern i) the historical origin of the affinities between the orophylous flora of the Alps and Apennines, ii) the historical dynamics between *Vaccinium* heaths and beech woods and iii) the early documented anthropical impact on Apennine summit vegetation. Paleopalynological surveys make an important contribution to these subjects.