

Unidades de paisaje natural y bioclimatología en la sierra de San Carlos (Tamaulipas, México)

Natural landscape units and bioclimatology in sierra de San Carlos (Tamaulipas, México)

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An integrated analysis of the landscape and bioclimatology in sierra de San Carlos (Tamaulipas, México) was made in order to obtain the bioclimatic patterns of the landscape units and the ecodynamics of the vegetation types. To that end was generated a map of landscape units from Sierra de San Carlos in 1:250,000 scale based on geomorphology and crossed with bioclimatic mapping and ecodynamics obtained from spatial interpolation from meteorological station data in the influential area. The conclusions of this study shows that ecodynamic regimes of vegetation types in this study area depend on the rainfall regime and the landscape units are not follow a bioclimatic pattern in this scale by the great local variability in relief, moisture regime, geomorphology and soil types.

Key words: moisture; bioclimatic rate; natural landscape units; spline; bioclimatic pattern.