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ANALISIS DE LAS COMUNIDADES DE MACROINVERTEBRADOS EN LA CUENCA DEL RIO
ORBIGO. LEON.º

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Palabras clave: Dominancia, similitud, diversidad, heterogeneidad, comunidad, macroinvertebrados.

SUMMARY

COMMUNITY ANALYSIS OF THE MACROINVERTEBRATES IN THE BASIN
OF THE ORBIGO RIVER. LEON.

Key words: Dominance, similarity, diversity, heterogeneity,
community, macroinvertebrates.

This work has been done considering the spring collections of samples which were done in forty one stations, situated in eleven rivers of the basin of the Orbigo river. 101 different taxa of bentic macroinvertebrates of lotic ecosystems, which appears in periods of sampling of ten minutes, have already been determined. This study is based in the evaluation for one or two dominant taxa, the variations of diversity and their components and heterogeneity between consecutive stations. Similarity relation for the all stations which have been analyzed, explaining the ambiental characteristics of the groups which appear in the hierarchical dendrogram of affinity. Equally it is made the detail analysis of the variation in similarity between consecutive sampling points, like an expression of the importance in the taxonomic change. There are explained the most important causes of the structural changes we have found, and are appointed the effects of the human actuation of use and profit. So the impact in reservoirs or the evacuation of residual water in important towns.

INTRODUCCION

La utilidad de los macroinvertebrados bénticos a la hora de determinar las características de un río ha sido ampliamente comentada por un gran número de especialistas. Sin embargo, los estudios como unidad de cuenca no

o Este trabajo ha sido subvencionado por la Excma. Diputación de León, dentro de los planes de Investigación en colaboración con la Universidad de León en la convocatoria del año 1986.

