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**Les gisements de mammifères aquitaniens de la Chaux (Jura vaudois, Suisse)**

After a short description of the topography and geology of the famous vertebrate locality of La Chaux, a historical survey of the different excavations and palaeontological studies based on unpublished documents is given. The detailed description of the layers with their very diverse fossil content is founded on a observations we could make during the extensive road works in 1994. These observations permit the reconstruction of the sedimentation conditions and of the palaeo-ecological circumstances. The precise datation of the fossiliferous layers is based on the analysis of the small mammal teeth. A detailed study of this material of several thousand isolated teeth will be published separately.

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