

MESOZOIC STRATIGRAPHY OF THE RIO CHUBUT MEDIO (TAQUETREN HILL). PROVINCE OF CHUBUT. ARGENTINA

Lizuain A.1 and Silva Nieto D.11.SEGEMAR, Buenos Aires, Argentina

In the middle course of the Chubut river (Taquetren Hill) outcrops volcanic and sedimentary sequences of Jurassic and Cretaceous age. The area studied contribute to the characterization of the Mesozoic sequences and in the stratigraphic order of the mesozoic formations. The lithostratigraphic units begin with Las Leoneras Formation (Liassic) composed by shallow lacustrine, fluvial and piroclastic deposits. Mesosilicic volcanites from the Lonco Trapial Formation (Dogger-Malm) overlay in discordance and represent a volcanogenic arc episode, previous to the calcareous sedimentary rocks which carry Estherias. These rocks were deposited in a shallow lacustrine environment with minor fluvial sediments as part of the Cañadón Asfalto Formation (Callovian-Oxfordian). The Cretaceous sequences begin with continental sedimentary rocks of Chubut Group (Aptian-Albian?), that cover in angular discordance the Jurassic units, and underlay in angular unconformity the Paso del Sapo Formation (Campanian-Maastrichtian). The marine and continental deposits of the last formation show a transitional passage with the marine sediments of the Lefipan Formation (Maastrichtian).