



FIG. 2.—Idealised columns illustrating correlations of lithological units in Waterhouse (1964), Lauder (1965), and this paper. Correction: for Matai read Maitai.

subdivisions are followed here; the only major differences are the formations recognised in the Lee River Group. Lauder (1965) in his study of the geology of Dun Mountain included most of the volcanic rocks and closely associated clastic sedimentary rocks as formations in the "Te Anau Group" but placed a volcanic breccia, which occurs as a narrow discontinuous band, at the base of the Rangitoto Marble in the Maitai Group. Similar breccias are found in the Red Hill area at the base of the equivalent Wooded Peak Limestone. Because identical breccias also occur within the Glennie Formation, the base of the Maitai Group is here taken at the