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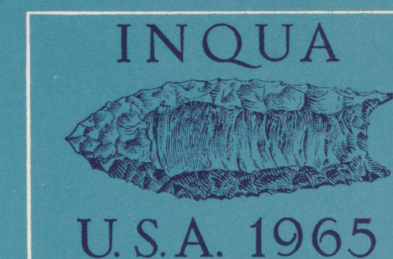
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The
Periglacial
Environ-
ment
Péwé

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The Periglacial Environment

Edited by Troy L. Péwé



This volume is a partial record of the Alaskan Field Conference and the Symposium on Cold Climate Environments and Processes of the VII Congress for the International Association for Quaternary Research held in Alaska in August 1965. Included are seventeen of the twenty-nine papers presented at the Symposium, though many of them have been extensively rewritten. There are also six additional papers especially written for this volume by participants in the Field Conference, and two papers that were presented at the INQUA Congress held in Boulder, Colorado, in September 1965.

There are two major subdivisions. The first group of papers deals with processes and features in the present periglacial environment in areas from the Arctic and Subarctic to the Antarctic, including high mountainous regions in the Tropics. The second group deals with cold climate phenomena now found in temperate environments and in other areas formed under periglacial conditions.

The periglacial environment is characterized by frozen ground, intense frost action in fine-grained sediments, and considerable sorting of coarse materials. It has its own particular sequence of soil development. A new era of research in the problems involved has developed from the rapid increase of Quaternary geological research in general, from new knowledge of polar areas, and from studies of inactive periglacial features in temperate latitudes.

The present studies have been contributed by authors whose disciplines include geology, botany, vertebrate and invertebrate paleontology, soil science, geochronology, physical anthropology, archaeology, and physical geography.

The editor, *Troy L. Péwé*, is Chairman of the Department of Geology, Arizona State University, Tempe, Arizona.

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