

has retreated; South Dawes Glacier is probably unchanged; and Brown Glacier has retreated.



*Summary.* The problem of the oscillations of the Alaskan glaciers is still far from being adequately solved. More observations at periodic intervals are essential. However, since detailed records are available in the case of some glaciers for over fifty years, the time is approaching when the relative importance of the different factors involved may be determined with some precision, and the means by which glaciers respond to slight changes in climate will be better understood. This in turn will shed light on the problems connected with the broader aspects of the nature of climatic fluctuations.

WM. OSGOOD FIELD, JR.



#### ROCKY MOUNTAINS OF CANADA

*Conrad Kain's Ascents of Mt. Robson.* In a letter from Kain to a friend in Austria, received too late to be included in his book, he states in regard to his 1924 ascents: "In two weeks I have ascended Mt. Robson four times." His round-trip times from the timber-line camp were as follows: first, 26 hrs.; second, 23 hrs.; third, 17 hrs.; fourth, 15 hrs. This information is not in the records of the A. C. C. One must add Kain's first ascent and traverse of the mountain, July 31, 1913, and his almost successful attempt from the S. S. W. a few days later, making a total of five complete and one incomplete ascents.

It may here be noted that the sale of *Where The Clouds Can Go* has yielded a profit to date of approximately \$350, most of which has been sent on an installment basis to Kain's mother. Foreign editions of the book are expected, an agreement having been made whereby a part of any profits will be turned over to Mrs. Kain. A small sum has been reserved and will be used in connection with several foreign subscriptions to secure and place a suitable bronze memorial on the Raxalpe, near Kain's old home. It is expected that Sektion Reichenau (D. Ö. A. V.) will assist in a brief ceremony to be held in the autumn of this year.



#### ALPS

*Mont Blanc Sesquicentennial.* This August will mark the 150th anniversary of the most important event in the history of mountaineering, for it was on the 8th and 9th of August, in 1786, that Dr. Michel Gabriel Paccard and Jacques Balmat, of Chamonix, succeeded in reaching the summit of Mount Blanc. This event really marks the beginning of mountaineering as we know it today, for although climbing, even rock climbing, is mentioned in antiquity,