

Pass at head of Glacier cirque at 8:48 A.M. to find a strong south breeze cross the divide. From near pass



2-6-22-41

recorded cirque walls on west side of cirque. The abruptness of lower two resistant layers are found to become progressively steeper as one approached the head of the cirque. This is in agreement with the time or period of time of glacier effect up the confining walls and the recentness of glacier action. This exposure is one of the most interesting slopes on the mountain. Picture (2-6-22-41) records the

area under consideration. Continued up ridge to top arriving at 9:12 A.M. One *Anthus spiroletta* flew up to ridge from ledges to the west. From this point trended north along a lateral ridge which terminates at the bold abutment standing at the base of which is Emerald Lake. This ridge represents the east wall of the Glacial Cirque.

Could peer directly down upon Emerald Lake and found it to be ice bound but fracture to the extent that blue waters were issuing to surface to form a superimposed pond upon the theoretically preexisting lake beneath. From the top



4-6-22-41

of the abutment recorded terraces of hidden lake Cirque. These walls are decidedly abrupt with unstable shelves of rock and snow. It is interesting to note the zone of vegetation which occupies the very edge of the bench. It will be noticed that it is along this edge where the snow is first to leave due

to the effect of the wind which removes the snow along the sharper edge. How these conifers endure these exposures of winter time is beyond me. Picture (5-6-22-41) shows terminal of this