

CHAPTER IX.

TO BOGTSANG-TSANGPO.

On *November 27th* our march goes for 14 km. to the S.S.W. From *Camp LXXII* we had 4.3 km. to the pass *Yumrang-lopchangs*, the absolute altitude of which is 5,032 m., being a rise of 213 m. or as 1:20. From the pass we had 9.7 km. to *Camp LXXIII*, the height of which is 4,753 m., or a descent of 279 m. at a rate of 1:35. These figures indicate the profile of the range we now crossed and which separates two self-contained basins from one another. The two endpoints, *Camp LXXII* and *LXXIII*, have nearly the same height, and the pass is some 300 m. above them. The pass of *Yumrang-lopchangs* is exactly 400 m. lower than *Chakchom-la*. We again were reminded of the fact that we were approaching lower parts of the *Chang-tang*.

From *Camp LXXII* we begin to rise in the valley of the pass. From both sides small tributary valleys enter. In one of them was a track along which some time ago great flocks of sheep and many yaks had been driven. In the valley there were many old fireplaces. There was ice only at one place, but no water. No wild animals were seen. Just south of *Camp LXXII* the rock is grey, dense limestone, after which there is no living rock within reach the whole way across the pass. Only at the mouth of the valley that goes south from the pass, there is again solid rock, consisting of red, fine-grained limestone.

The pass of *Yumrang-lopchangs* is rounded and easy and affords a magnificent view, particularly to the north and N. W. where we behold the country we have just come through. Pan. 87A and 87B, Tab. 14, is taken from the pass. To the N. 6° E. we again see the lake and the mountain group north of it, having nearly the same aspect as on Pan. 80, Tab. 13. To the E. N. E., east and E. S. E. are parts of the range we are just crossing in the pass. Between S. 1° E. and S. 9° W. is the valley that goes down from the pass and which we followed. As regarded from this high standpoint, one gets an excellent general impression of the comparatively low depression we have just left behind and of the picturesque red mountains surrounding it. It is surprising that not the slightest patch of snow is in sight,