

CHAPTER LIII.

THE EXPEDITION OF DR. AND MRS. WORKMAN 1911—1912.

During the summers of 1898, 1899, 1902, 1903, 1906 and 1908, the WORKMANS had travelled and surveyed in the High Kara-korum. To the store of knowledge which they, with indefatigable zeal and endurance, had collected, they added new and very important explorations in the summers of 1911 and 1912. The experiences of the latter period are set forth in a book, the appearance of which was delayed by the war until 1917.¹

The expedition of 1912 was the more important of the two. Even the first news gave us an idea of its results. The *Alpine Journal* told us that Dr. and Mrs. WORKMAN in July 1912 ascended four snow cols at the two sources of the Siachen Glacier, from 19,500 to 21,000 feet high.

On two of these ascents Mrs. Bullock Workman established the relation of the North-East Karakoram water-parting with Kashgar; on the two others she discovered two passes to the large unknown Kondus glaciers.

From the N. E. Siachen col a pass to Kashgar was found. Beyond the east Siachen boundary a new group of high peaks was discovered on the Kashgar side, one probably over 25,000 feet high. The Siachen could now be said to be the most thoroughly examined of all Himalaya glaciers.²

It cannot be said to improve the orographical classification to count the Siachen amongst the Himalayan Glaciers. The giant glaciers belong exclusively to the Kara-korum System. The same journey correctly points out that the region between the Siachen and the Kara-korum Pass is still unknown.

In 1911 the Workmans crossed the Saltoro River to Kapalu, from where they went up the Saltoro valley. It was their plan now to explore the region between the Saltoro valley and the Baltoro Glacier, and extending westward from the Siachen

¹ *Two Summers in the Ice-wilds of Eastern Karakoram, the Exploration of nineteen hundred square miles of Mountain and Glacier* by Fanny Bullock Workman and William Hunter Workman, London 1917. — The work is illustrated with three excellent maps and a series of brilliant photographs.

² *Himalayan Exploration in 1912, Siachen Glacier. Alpine Journal.* November 1912. Vol. XXVI, p. 441.