

## ADDENDUM.

### DE FILIPPI'S EXPEDITION ACROSS THE KARA-KORUM MOUNTAINS.

In the years 1913 and 1914 Dr. FILIPPO DE FILIPPI carried out a very important expedition from Leh to Yarkand across the difficult mountain region between the Himalaya and Kwen-lun, including the Kara-korum and Aghil Systems.<sup>1</sup> Since Forsyth's Second Mission to Yarkand no expedition has entered this part of Asia so completely organized and so well equipped as that of Dr. DE FILIPPI. From purely scientific point of view it stands without rivals. In Forsyth's days nearly all the ground covered meant important geographical discoveries. For the Italian expedition the detailed physical, mathematical, geological and biological investigation remained to be done, and the gratitude of the geographical world is indeed due to this expedition for the excellent way in which its gigantic program was carried through. Dr. DE FILIPPI had no less than nine European officers and experts on different branches of science under his command, *viz.*, Mssr. ALESSIO, ABETTI, ALESSANDRI, VENTURI-GINORI, SPRANGER, MARINELLI, DAINELLI, ANTILLI, and Major WOOD, well known from Ryder's expedition in the Tsangpo valley 1904.<sup>2</sup> He was also accompanied by a guide, J. PETIGAX, and by native assistants of the Survey of India.

One of the most important items of the program »was the establishment of a series of geographical stations for observations of gravity and magnetism, to stretch in an unbroken chain across the vast and mountainous zone which separates India from Central Asia, and to be carried on through Chinese Turkestan as far as Russian Turkestan, thus uniting in one comprehensive system two pre-existing sets of gravimetric stations, namely, that of the Indian pre-Himalayan plains carried out by the Trigonometrical Survey of Dehra Dun, and that of Russian Turkestan and the adjoining regions». Further the longitudes were determined by means of wireless

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<sup>1</sup> By a deplorable mistake my short extract of DE FILIPPI's journey was not inserted at its right place, *viz.*, after the last expedition of the Workmans. That is the cause why it follows now as an Addendum.—Cp. Geographical Journal, Vol. XLVI, p. 85 et seq.

<sup>2</sup> Cp. above Vol. II, p. 243, Vol. III, p. 216, and Vol. VII, p. 600.