

E. Soriano climbed Santa Rosa Norte (17,717 feet), while Máximo Luna with six teachers and students ascended Santa Rosa Chico (18,045 feet).

CÉSAR MORALES ARNAO, *Club Andino Peruano*

*Jirishanca, Cordillera Huayhuash and Verónica, Cordillera Urubamba and Other Peaks in Both Ranges.* Our team consisted of six members from Japan, Hirishi Furuhashi, Nobuyoshi Kobayashi, Tomoaki Kato, Yoji Wachi, Koichi Iwatani and myself as leader, and Franz Oestemer from Chile. We left Chiquián on June 23 with one porter, H. Arbaiza and 33 asses to carry our ton of equipment. After three days we reached Mitucocha and set up Base Camp. In 45 days we climbed a number of peaks. With four bitter bivouacs on narrow and steep places above our camp at 15,400 feet on the upper part of the Jirishanca Glacier, on June 27 Kato and I climbed Jirishanca Grande (20,099 feet), the same day on which Iwatani and Oestemer climbed Jirishanca Chico (17,937 feet). On July 10 Furuhashi, Kobayashi, Wachi and Iwatani climbed Paria (16,968 feet). Ninashanca (18,495 feet) was climbed on July 23 by Furuhashi and Wachi and on August 2 by Iwatani and Oestemer. Jirishanca Chico Oeste (17,290 feet) was climbed on July 18 by Iwatani and Furuhashi and on July 27 by Kobayashi and the Peruvian H. Arbaiza. Kobayashi and Arbaiza climbed Gayoc Chico (16,404 feet) just north of Cacanán Pass on August 2 and Furuhashi and Kato ascended Carhuaraju (16,410 feet) northeast of Jirishanca Chico on August 5. After climbing in the Cordillera Huayhuash, we visited the Cordillera Urubamba. Only the Japanese went. We left Cuzco for Chillca by truck on August 24. We made Base Camp there at 9000 feet and stayed until September 12. On Verónica (18,865 feet, this altitude may well be about 300 feet too low.—*Editor.*) it took three bivouacs; Iwatani and I reached the summit on September 6. Furuhashi and Kato climbed "Bononia" (16,765 feet) on August 30 and Kobayashi and Wachi ascended "Marconi" (17,520 feet) on September 4, both with two bivouacs. It was not good weather during our period there and we had rain or snow almost every day.

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*El Toró or Yerupajá Chico and Other Peaks, Cordillera Huayhuash.* Our expedition consisted of Toyoaki Arai, Moriaki Honda, Takachika Akino, Tateo Miyata and myself as leader, as well as the Peruvian porter Sergio Callupe of Pocpa. We left Chiquián on June 11 and returned there on July 21. We went over the Punta (pass) Tapsh and via Huayllapa to

the Río Seria and Base Camp I. On June 23 Honda, Akino and I climbed Tsacra Chico Norte (18,088 feet) from a high camp on the col between Rasac Oeste and the Tsacra group. With one bivouac above Base Camp Arai and Akino climbed Rosario Norte (18,360 feet) via its east ridge on June 26. Honda and Miyata climbed Seria Central (18,186 feet) on June 27 from Base Camp. An attempt on Tsacra Chico (18,254 feet) via the south glacier failed because of bad snow and one on Rasac Oeste (18,701 feet) via the west face was stopped at 17,500 feet by a great crevasse. We moved to Base Camp II on Carhuacocha via the Quebrada Huanacupatai, Punta Cuyoc, Laguna Viconga, Portachuelo de Huayhuash and Punta Carnicero. From a high camp at 15,400 feet on the Yerupajá Glacier, Honda and Akino on July 14 climbed El Toro or Yerupajá Chico (20,082 feet) with two bivouacs. During this climb the weather was bad and snow fell. Santa Rosa or P 5085 (16,683 feet), east of Yerupajá, was climbed on July 16 by Honda, Callupe and me from a Yerupajá Glacier camp. We failed twice on Jirishanca Chico (17,937 feet) because of bad weather and bad snow, both times at about 17,000 feet.

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*Cordilleras Yauyos and Central.* Ekke Rubel, leader, Günther Bram, Peter Mirwald, Jochen Edrich, Hans Huber, Axel von Hillebrandt and I took the railroad from Lima to Huancayo, where we changed to a hired bus to get to Alis, north of the Yauyos. There, after four days of unsuccessfully trying to hire burros, we split up. The two geologists, Mirwald and von Hillebrandt, went up the upper valley of the Río Cañete with three donkeys that were finally found. For three weeks they surveyed the northern part of the Yauyos group, where Spaniards had climbed in 1963 and Californians in 1966. They made the following first ascents there: Pacarin\* (17,192 feet) on June 12 by Mirwald; Yana Salla Corancata\* (17,061 feet) on June 14 by Hillebrandt; Lancoc\* (16,404 feet) on June 17 by Hillebrandt. Meanwhile we five mountaineers hired a truck in Alis to take us north to the region of the Nevado Tunshu (Cochas range), west of Huancayo. We placed Base Camp at 14,450 feet on Azulcocha on June 8. We stayed for about six weeks, climbing 23 peaks of which 14 are thought to be first ascents. These included Jaico I (16,601 feet; 28) on June 9 by Rubel, Bram, Edrich, Huber; Mañon III\* (17,356 feet; 33) on June 11 by the same four; Tembladera (18,358 feet; 31) on June 12 by Rubel, Huber; Tatatunshu\* (17,241 feet; 1) on skis on June 15 by Rubel, Bram, Edrich, Huber, Jahl; Tranca\* (17,618 feet; 22) on June 17 by the same five; Tembladera from the south on