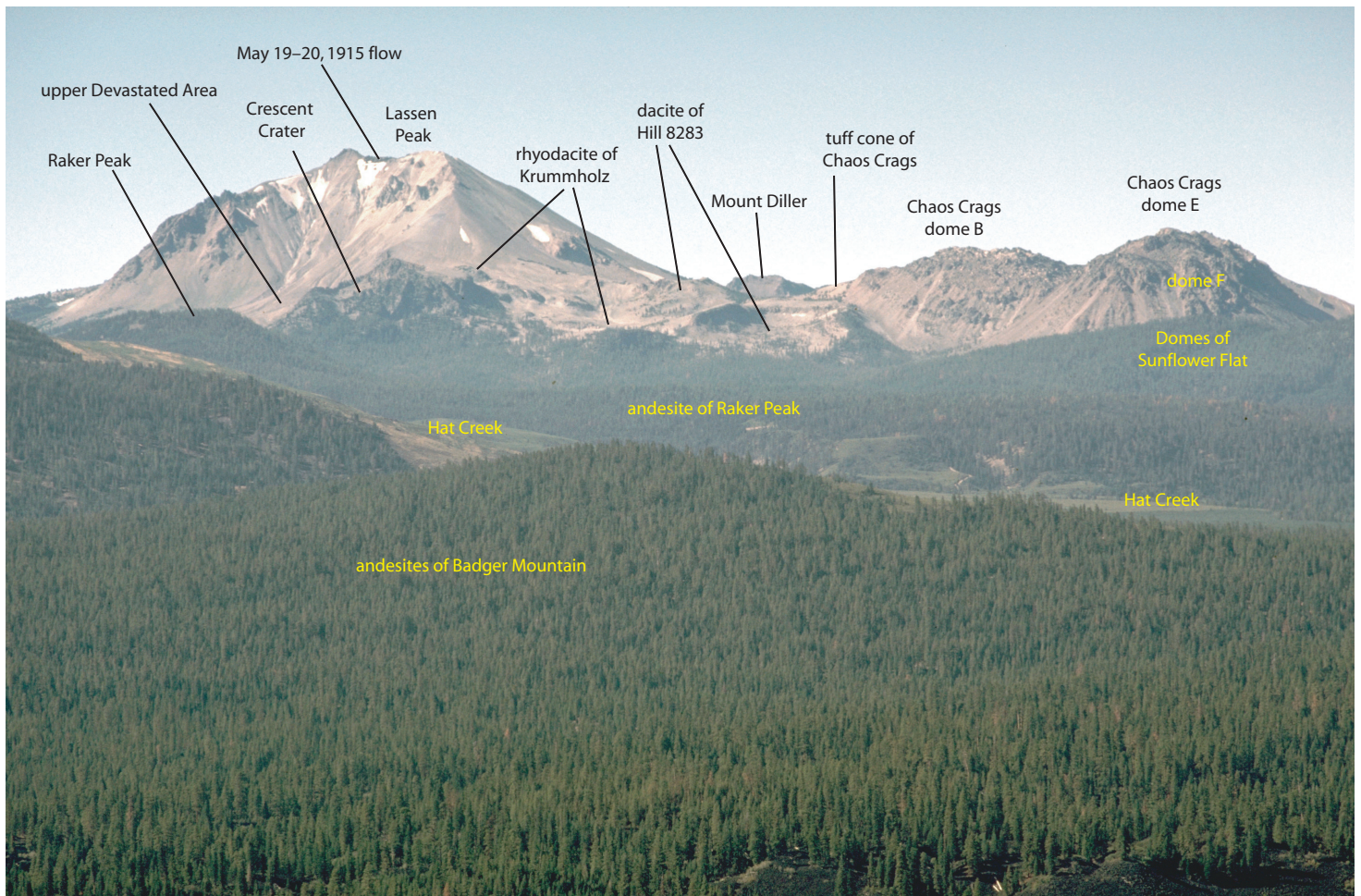




Lassen domefield

Telephoto view from Parhams Point on Hat Creek Rim (Old Station quadrangle). Remnants of the northeast lobe of the dacite flow of May 19–20, 1915 (unit d9) are exposed in the notch at the top of Lassen Peak, above the Devastated Area. The original blocky carapace of Lassen Peak (unit dl, 27 ± 1 ka) has been removed by glaciation, whereas a blocky carapace is preserved on the unglaciated domes of Chaos Crag (units rcb, rce and rcf, $1,103 \pm 13$ yr B.P.). Forested slopes in front of the domes of Chaos Crag are the rhyodacite domes of Sunflower Flat (unit rsf, 41 ± 1 ka). Mount Diller is a remnant of the Brokeoff Volcano ($590\text{--}390$ ka). The slopes in front of Mount Diller, between Chaos Crag and Lassen Peak, are underlain primarily by the rhyodacite dome and flow of Krummholz (unit rkr, 43 ± 2 ka, part of the Eagle Peak sequence) and the dacite of hill 8283 (unit d82, 261 ± 5 ka, part of the Bumpass sequence) and are mantled by tephra of the Chaos Crag eruptions (unit pc, $1,103 \pm 13$ yr B.P.). Crescent Crater (unit dc, 236 ± 1 ka) is also part of the Bumpass sequence. Raker Peak is the vent for the andesite of Raker Peak (unit arp, 270 ± 18 ka), part of the older Twin Lakes sequence. Forested slopes in the foreground are the regional calc-alkaline andesites of Badger Mountain (unit abm, 708 ± 21 ka).

Photograph by Patrick Muffler.