

= Mount Bailey (Oregon) =

Mount Bailey is a relatively young tephra cone and shield volcano in the Cascade Range , located on the opposite side of Diamond Lake from Mount Thielsen in southern Oregon , United States . Bailey consists of a 2 @, @ 000 @-@ foot (610 m) -high main cone on top of an old basaltic andesite shield volcano . With a volume of 8 to 9 km³ (1 @. @ 9 to 2 @. @ 2 cu mi) , Mount Bailey is slightly smaller than neighboring Diamond Peak . Mount Bailey is a popular destination for recreational activities . Well known in the Pacific Northwest region as a haven for skiing in the winter months , the mountain 's transportation , instead of a conventional chairlift , is provided by snowcats ? treaded , tractor @-@ like vehicles that can ascend Bailey 's steep , snow @-@ covered slopes and carry skiers to the higher reaches of the mountain . In the summer months , a 5 @-@ mile (8 km) hiking trail gives foot access to Bailey 's summit .

Native Americans are credited with the first ascents of Bailey . Spiritual leaders held feasts and prayer vigils on the summit .

= = Etymology = =

The origin of the mountain 's name is a matter of dispute . Older maps show its name as either " Old Baldy " or " Old Bailey " , " Bailey " possibly being a drafting error . The summit 's bald , burnt @-@ over appearance might indicate the origin of the designation " Baldy " . No record of a person named Bailey who was connected with the peak has been found . In 1992 the Oregon Geographic Names Board voted to name the mountain in honor of naturalists Vernon and Florence Bailey . According to William G. Steel , the Klamath name for the mountain was Youxlokes , which means " Medicine Mountain " . According to Klamath tradition , their medicine men and priests would feast on the mountain 's summit and commune with the upper world .

= = Geography and geology = =

Mount Bailey is part of the High Cascades in the western United States . The High Cascades have long been glaciated , by both Pacific @-@ bred storms and natural , elevation @-@ caused , glaciation . In fact , glaciation probably formed on them as early as the late Miocene . Over time , as the range built up , newer activity diminished older Tertiary age rock . Creating lava plateaus , Pliocene activity , mostly basaltic and andesitic , was probably responsible for the original cones at Bailey , Thielsen , and Union Peak .

Mount Bailey heads the Mount Bailey chain , which consists of the mountain and smaller cinder cones trending north . Similarly to its neighbor Mount Thielsen , it is a shield volcano with precipitous summit slopes , and the two are almost equal in appearance . Built around the same time as Rodley Butte , according to morphological study , the current volcano is no more than 100 @, @ 000 years old , and formed relatively close to Diamond Peak 's current cone . Despite its similarity to Rodley Butte , both in age and original composition , Bailey switched from erupting basaltic andesite to pure andesite (silicon dioxide) .

Bailey is comprised by a central tephra cone , upon which basaltic andesite eruptions streamed over , building up to create the current volcano . Eventually switching to andesite , it may have been built over several eruptions or even eruptive periods , judging from the silicic nature of its rock . It is currently inactive , having been since approximately the time Mount Mazama became active , sometime in the early Pleistocene epoch .

= = Ecology and recreation = =

Diverse flora exists on Mount Bailey . Starting at the lower slopes , the prominent tree type is standard pine , eventually changing to a landscape of mountain hemlock , western white pine , and Shasta fir .

Bailey is a popular hiking and skiing site , due to its steep climbs and views of Diamond Lake . It is

accessible from Oregon Route 230 , starting at the Fox Spring trailhead . Following the Mount Bailey Trail , part of the Diamond Lake Recreational Area , hikers can see " panoramas to the northeast of Diamond Lake and Bailey 's dizzying avalanche bowl " . To skiers , the peak is known for its method of transportation , featuring snowcats .