

THE MOUNTAINEER

VOLUME TWENTY-SIX

Number One

December, 1933

THE FIFTH OUTING IN THE
OLYMPIC MOUNTAINS



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The Fifth Outing in the Olympic Mountains



Organized 1906
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EDITORIAL BOARD, 1933

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Hail, Mountaineers!

The earthworm envies the bird,
and I who can no longer climb
envy you, brave conquerors of
mountain peaks and forest wilds.
May your sight be clear and your
footing secure as you ever climb
onwards and upwards.

Stephen B. L. Penrose



MOUNT OLYMPUS

—COURTESY BLACK BALL LINE

The summit of Mt. Olympus showing East, West, and Middle peaks. While the altitude of Mt. Olympus is not great its distance from any base, the beauty of its glaciers, the really fine climbing it affords, put it in the first rank of northwestern mountains.

The MOUNTAINEER

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SEATTLE, WASHINGTON

DECEMBER, 1933

AUTUMNAL COLORATION OF LEAVES

GEORGE B. RIGG

BRILLIANT colors displayed by Nature appeal to most of us and no doubt all Mountaineers have found pleasure in the riot of red color in the trees and shrubs of the Puget Sound region in autumn. As you have stood on a vantage point and gazed across at a mountain slope where large areas of huckleberry bushes have taken on their striking red color, or gazed into a valley where vine maples display their unsurpassed brilliance, or looked in admiration at a forest slope where the charming red of every dogwood and the exquisite yellow of every broad-leaf maple contrasts with the somber green of the coniferous forest, or delighted in the golden glow of poplars and cottonwoods ready to lose their leaves on the first windy day, or have been impressed by the soft velvety brown of some distant fern-clad hillside, have you wondered what causes these colors? Or is the beauty an end in itself, and are the changes going on in the leaves a matter of indifference to you? On the supposition that some discussion of the causes of autumnal coloration will give added joy or satisfaction to those who hold communion with the visible forms of Nature, I have accepted the invitation to write about the various factors that are concerned in the production of brilliant colors in the leaves of plants of the Puget Sound region.

It is often said in portions of the United States where there is more difference between summer and winter temperatures than there is in our region that autumn frosts cause leaves to turn red. Undoubtedly it is the *immediate* cause in many cases, but it cannot be universally accepted as the *only* cause since many leaves are red when there has been no frost. Whole areas of poison oak growing on gravelly hills in the Puget Sound region turn red long before frost, and occasional brilliant red leaves are seen on cultivated strawberry plants even in midsummer. It is now known that there are several factors in the production of conspicuous colors in leaves, and we may conveniently group these as internal and external factors. By internal factors we mean, of course, those within the plant itself, and by external factors we mean those outside of the plant. Among the internal factors are

the acidity of the tissues, the accumulation of sugars, and possibly the anatomy of the leaves. Among the external factors the most important are light, temperature, the amount of water available in the soil, and probably the mineral nutrients in the soil solution.

Red colors in leaves are directly due to the presence of a group of organic pigments known as anthocyanins. These pigments are red in acid solution, blue or greenish in alkaline solution, and violet when the solution is neutral. These facts are easily illustrated by dissolving the red pigment by placing the leaves in alcohol, and adding a few drops of an alkali such as ordinary lye. The blue or greenish color thus produced may be readily brought back to red by adding a few drops of hydrochloric (muriatic) acid. The red color of leaves is thus seen to be due to anthocyanin pigments occurring in leaves whose cells are acid. Autumn leaves are not usually alkaline, but the occasional occurrence of bluish or purplish leaves on some dogwoods and other trees and shrubs indicates that the alkaline condition does sometimes happen.

These anthocyanins are derivatives of sugars, and the accumulation of sugars in the tissues of leaves is thus a necessary condition for their formation. Our knowledge of the chemical structure of these compounds has been mostly obtained since 1900, and our understanding of the conditions in leaves that produce brilliant red coloration followed soon after the determination of the chemical and physical properties of these pigments. This is a striking illustration of the service that chemistry now renders to botany. The first step in understanding the physiological functions that plants perform is commonly the determination by chemists of the nature of the chemical compounds involved, and this is usually followed by experimental work by botanists which show how these compounds function in the life activities of plants.

Yellow colors in autumn leaves are frequently due to the disappearance of the green pigments as the leaves approach the time of their death, leaving the yellow pigments alone. All green leaves contain four pigments in their cells. Two of these are green and are called chlorophylls, while the other two are yellow, one being called carotin and the other xanthophyll. The chemical structure of the green pigments is more complicated, and they break down and disappear rather quickly when the life activities of the leaves become sluggish with the approach of the time when they are to die and be shed from the plant, while the yellow pigments are simpler compounds which are not so easily broken down and thus often persist in autumn leaves. Yellow colors in autumn leaves are also due in some cases to the development of special yellow pigments quite different from carotin and xanthophyll, and we cannot tell by merely looking at yellow leaves whether the color is due to the development of these special pigments, or to the yellow pigments that were in the cells all summer and have become

conspicuous merely because the green ones have disappeared. These special compounds are the flavones, and they are also somewhat related to the sugars in their chemical structure.

Brown colors in leaves are commonly due to the abundance of tannin in their cells. Tannin is present in most plant cells and gives the brown color to many other parts of plants when they die. This is well illustrated in the leaves of the broad-leaf maple, which turn from green to yellow during autumn while still on the tree, and then to brown either just before they fall or soon after. When the green and yellow pigments which are present in these leaves during their summer vigor have both disappeared, the tannin gives them their brown color.

A few points about the various shades of green that are so conspicuous in spring and early summer in the leaves of different trees and shrubs may be of interest here. When you look at a wooded hillside in the Puget Sound region it is easy to distinguish at least four or five different shades of green. I once asked an artist if she could mix pigments to produce these various shades of green, and she, with no knowledge of what pigments are present in green leaves, replied that it would be very easy to produce all of the shades of green by mixing green and yellow pigments in various proportions. Since it is well known to botanists that the proportion of green and yellow pigments in plants does vary a good deal, it seems evident that the various shades of green in different plants are due to the proportions of these two colors.

In many plants the leaves are red when first formed, but turn green as they become older. This is notably the case in some varieties of ivy and is due to the excess of sugar in the young leaves, causing the formation of anthocyanin in the acid sap of the young cells. The reader will undoubtedly think of or readily notice many other plants which show red leaves near the growing tip and green ones on the older portions of the stem.

If red leaves are examined individually it is frequently found that one surface is red while the other is still green or yellow. A considerable number of dogwood leaves which were recently examined had most of the red color on the upper surface. I wonder if any Mountaineers would be interested in observing leaves which have the autumnal red on only one surface and whether it is always on the upper surface. Such field notes would be of considerable interest. It is possible that the explanation of this one-sided coloration of leaves may be sought in the anatomy of the leaf. The microscopic openings (stomates) in the surface of the leaf allow the oxygen of the air to come into easy contact with the surface of the plant cells, and this is probably a factor in some cases in the production of brilliant colors. The stomates are most abundant on the lower surface of many leaves and in most

trees and evergreen shrubs are present on this surface only. Whether all cases of one-sided coloration could be correlated with the distribution of stomates on the leaf is an open question.

We come now to the consideration of the external factors in leaf coloration: light, temperature, the amount of water available in the soil, and the mineral substances dissolved in this soil solution. Light alone will not produce red color, as is evident from the fact that leaves are green in summer when the light is more intense than it is in autumn when so many of them turn red. Light is, however, a factor in the change from green to red when the leaf becomes physiologically isolated from the stem by the layer of corky tissue which forms the leaf scar, and the life span of the leaf is thus brought to a close. This is often noticed in the leaves of the vine maple, many of which turn to a brilliant red where the sunlight strikes them directly but remain green where they are shaded by other leaves. Green and red areas are often found on the same leaf and the shape of the green area can be easily correlated with that of a nearby leaf which has cut off the direct rays of the sun. It is quite probable that direct exposure to sunlight is an important factor in the production of red color on the upper side of a leaf when the lower surface remains green.

Low temperatures are believed to be favorable to anthocyanin formation and hence to the production of red colors. Facts seen in the field which are consistent with this view are the development of red colors with the coming of autumn, particularly cases where red coloration follows frost, and the abundance of red color in the leaves of many plants at high elevations.

Scanty water supply is probably a factor also in the production of red color in plants. The gradual decrease in the amount of water moved from the soil into the plant as autumn approaches and the plant faces its time of winter dormancy is a part of the general decrease in physiological activity with the approach of the period of winter rest. It seems probable also that the abundance of minerals in the soil water is a factor in red coloration of some plants. The striking red color of many salt-marsh plants even in midsummer is an illustration of this.

The brilliant colors of most flowers and fruits are due to the same internal factors that operate in leaves. The same external factors also operate to a certain extent, although color is inherited through the seed in most flowers and fruits and is less dependent on external influences for its production. In many cases, however, the color of flowers can be changed by changes in the environment. A striking case of this occurred at the Friday Harbor laboratories of the University where a botanist and a chemist occupied a laboratory together. The botanist brought in some flowers whose red color was a means of their identifi-

cation. He left them in the laboratory over night, and when ready to use them the next day he found to his great disappointment that they were blue. The explanation was that some of the experiments carried on by the chemist had produced enough ammonia in the air to change the reaction of the flower cells from acid to alkaline and thus caused the pigment to change from red to blue.

The colors of many fruits such as apples, peaches, cranberries, and grapes are well known to be due to anthocyanin pigments. While these are largely inherited, it is evident to any observer that light is a large factor in their production. It is reported that the enterprising producers of apples in a western community put the name of their town in red on a lot of their apples by covering each apple with a suitable stencil while it was ripening.

If this somewhat sketchy attempt to put in everyday language some of the information about the colors of plants which has been considered rather technical should result in more observation of colors in plants and increased pleasure to the observers, the author will be greatly pleased.

THE 1933 SUMMER OUTING

EDMOND S. MEANY

HE Olympics again!

It is well to recall the facts that the first Summer Outing of The Mountaineers was held in that attractive region and that we have returned to it at rather regular intervals. That first Outing was held in 1907, with Asahel Curtis as chairman of the Outing Committee, and the subsequent ones were as follows: 1913, L. A. Nelson, chairman; 1920, L. A. Nelson, chairman; 1926, Glen F. Bremerman, chairman; 1933, Fred Q. Gorton, chairman. Every sixth or seventh year!

We all know how the automobile has changed our approach to the hills in recent years. This year we had no difficulty in parking our cars at Lindahl's Ranch and having our first campfire there on the bank of the Quinault River on the evening of July 22, 1933. Early the following day the packtrain, efficiently managed by F. E. Voorhies, forded the river with our commissary and dunnage. Members of the party walked up the highway a short distance to Canoe Crossing, where they met a remarkable man of the hills, Jasper M. Bunch. For more than thirty years he has maintained his staunch canoe and poled

passengers across the swift river without charge. With difficulty he was persuaded to accept a small fee for transporting our party of fifty both ways across the stream.

A surprisingly good highway to Wolf Bar and a short distance over the trail brought us to "Halfway Chalet" for a one-night camp. Here we witnessed the successful rescue of young Montgomery of Seattle, who had broken a leg while hunting in the Olympics. The rescue was made by Forest Service and Civilian Conservation Corps men, headed by Joe Fulton, forest ranger. He recalled the fact that he had visited our camps in 1920 and 1926 and carried out mail for The Mountaineers.

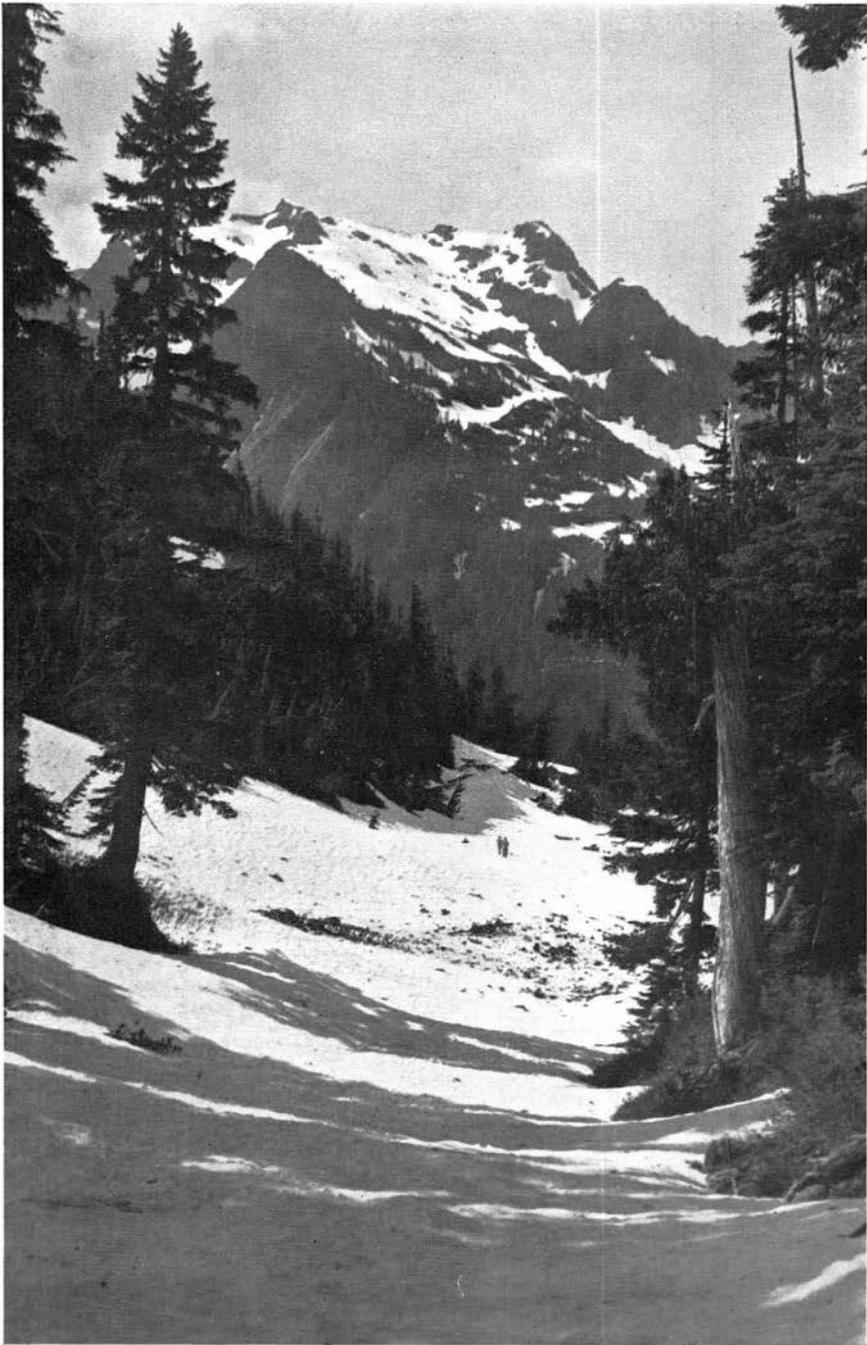
Chairman Gorton had scouted the route earlier in the season and reported unusual snow conditions. Sure enough, as we approached the Low Divide Chalet snow banks were encountered in the gulches and on the plateau at Low Divide. Our former camp sites were all heavily blanketed. Mr. Voorhies had charge of the Chalet and his daughter, Janis, was hostess there. Promptly the use of the Chalet and the cabins were proffered to avoid the snow, and The Mountaineers (with a few exceptions) enjoyed chairs, beds, and roofs instead of rocks, logs and trees in the snowfields for the three nights at Low Divide. Many opportunities were enjoyed of seeing the avalanche lilies growing up through the edges of the retreating snow.

Twenty-nine made a successful ascent of Mount Seattle from Low Divide, while others explored the fishing and swimming possibilities in Lakes Margaret and Mary. At the evening campfire attention was drawn to what local people called "Preacher's Rock." In 1920 it was named "The Mountaineers' Ebenezer," Rev. Frederick T. Rouse, a member of that Summer Outing, having invited those who wished to do so to join him there in a sunrise service on Sunday, August 15, 1920. Since that memorable day at Low Divide a sunrise service has been held on each of the Summer Outings.

On Wednesday, July 26, twenty-eight ascended Mount Christie. In the evening it was deemed appropriate to discuss the record of the Press Exploring Party of 1891, as that party was led by J. H. Christie, and it was then that Mount Christie was named for him.

As Elwha Basin was approached, portions of the old trails prompted expressions of gratitude to Charles Albertson, Grant Humes, Asahel Curtis, and others who did the pioneering work there for the first Olympic Outing in 1907.

Main camp at Elwha Basin was reached on Thursday, July 27, when plans for much climbing were soon under way. The main objective was Mount Olympus, one of the Six Major Peaks of Washington. The scheduled knapsack trip to the Queets Basin was advanced one day on account of threatening weather—the climb might be made before the



Mabel Furry

MT. SEATTLE FROM MARTIN PARK

The Summer Outing of 1933 had much the setting of a winter trip. The flowery slopes that usually lead to the base of Mt. Seattle were snowy but alluring.

storm broke. This change had two results: L. A. Nelson, one of the most esteemed of Mountaineers, arrived as a visitor just after the knapsackers had gone over the Dodwell-Rixon Pass. And then the knapsackers encountered the storm and had to remain an extra day in their temporary camp. Such a camp! The bad snow conditions made it more like a winter camp. They managed. Chief Cook Norton and Clarence Garner made another round trip for the extra day's rations, and on Sunday, with an early start, thirty people made the ascent of Mount Olympus. That was success. One of the happiest was Ray Voorhies, the chief packer's young son, who had spent his life in the Olympics, had climbed many of the peaks, but on that day stood for the first time on the summit of Mount Olympus.

Mountaineers are well aware of the fact that Mount Olympus has three summits known as East, West, and Middle peaks. On this occasion the official ascent was up Middle Peak. However, in the party there were eight ambitious young men who went further and ascended West Peak after conquering Middle Peak. One of that group of eight, Harold Dixon, a mail carrier, who was seeking rest by tramping with The Mountaineers, struck out alone and climbed East Peak. So far as known, he is the first man on record to have climbed all three peaks of Mount Olympus in one day.

While that fine conquest of Mount Olympus was progressing, Mr. and Mrs. Edmond S. Meany, Jr., ascended Mount Noyes, towering above Elwha Basin. Theirs was the only climb of that peak, and Mount Banks, on the opposite crest of Elwha Basin, was omitted on account of the time being needed for the more difficult ascents.

On Monday, July 31, the climbers returned from Olympus to main camp. In the evening they enjoyed a remarkable program of extemporized drama. It was a surprise to see such costumes, gathered mostly from the forest.

Mount Meany was ascended by twenty-four members of the party on Tuesday, August 1. To reach the slender and difficult summit, it was necessary to divide the party into small groups to negotiate the portion affording only "toe- and finger-holds." They started at 9 a. m. and at 5 p. m., again in main camp, they announced "a hundred per cent" climb.

It was quite appropriate that the Sunrise Service should be scheduled as a farewell to the interesting and beautiful Elwha Basin Camp. At 6:30 a. m., Ned bugled "assembly" and "church call," and the entire party assembled at "Pulpit Rock."

That evening of August 2, the Low Divide Chalet proved a wonderful place for the graduation program. The graduates included four men—Robert Bruce Kiser, John F. Lehmann, Ralph Miller, and Clifford George Sheldon—whose ascent of Mount Olympus had com-

pleted their conquest of the Six Major Peaks of Washington. They successfully passed the final examination and were accorded the privilege of wearing the Six Peak Pin. Three others—Florence Dodge, Mabel Furry, and Amos Hand—had completed a double conquest of the Six Major Peaks. Upon each of these was conferred the advanced degree of M. A. (Master of Altitudes). The banquet was more gorgeous than usual, the Chalet tables being beautifully decorated. Mrs. W. J. Costello served as hostess, James Robertson as butler, and a group of girls as waitresses. The graduates wore weird substitutes for academic caps and gowns.

Unanimous votes of gratitude were voiced for Mr. Voorhies for the use of the Chalet and for his colleagues in the packtrain, for the Commissary Department, for the Outing Committee, and for Edgar Royer, efficient chairman of the Program Committee.

The return trip from Low Divide revealed snow conditions still troublesome along the trail. Showers dampened everything but the spirits of the successful climbers, who transformed the limited area around the Halfway Chalet into a temporary sylvan theater. The members from Everett gave a country school stunt with Clifford Sheldon as teacher and Mr. and Mrs. John Lehmann as pupils. During the fun, the roll of the Everett Branch was practically called. The Tacoma Mountaineers followed with a lively stunt, "Old man of the sea." Members of the Outing Committee—Fred Q. Gorton, chairman; Amos Hand, transportation; H. Wilford Playter, commissary; and Aura M. Bonell, secretary—reported on aims and accomplishments. Cordial appreciation was manifested for each of them.

On the next day the trip past Wolf Bar and Mr. Bunch's canoe-ferrying over the Quinault River were without special incident except the meeting of the C. C. C. crews working on the highway. This impressed us with the thought that the wildness of at least the approach to the Olympics is being modified.

At the last campfire we were overwhelmed with visitors. Mountaineers came from Seattle, Tacoma, and Everett, and a large number of well-wishers from Quinault, Hoquiam, and Aberdeen. Mr. F. W. Mathias, secretary of the Grays Harbor Chamber of Commerce, who had been unusually helpful in the preliminary arrangements, gave an enthusiastic address, taking occasion to stress the need of watchful protection of the Olympic elk herds.

The durable spirit of mountaineering was enhanced by messages from the camps. L. A. Nelson was asked to bear greetings to the Federation of Western Washington Outdoor Clubs, of which he is president, and to individual clubs as he met with them. Similarly Eliot Moses would bear a message to the Sierra Club in California,

and Miss Mary Thometz was charged with that duty for the Prairie Club of Chicago.

Before the party and the visitors formed a large circle around the log fire for the farewell gesture of singing a verse of "Auld Lang Syne," Professor F. A. Osborn surprised all by a pretentious and eloquent address, presenting the President with a bag of money and a beautiful silver loving-cup. The little bag was made of a bit of mosquito netting. The money was a quarter of a dollar dated 1909. It was a reward of one cent for each of the twenty-five consecutive annual Outings, 1909 to 1933. The loving-cup, made by many hands led by Willard G. Little, consisted of a discarded commissary tin cup minus its handle, a small rod of wood, and the bottom of a tomato can, all covered with tinfoil rescued from kodak packs. It was gorgeous in the flare of the nearby wood flames. The President was simply flabbergasted by the eloquence of Professor Osborn and the evident affection on the part of the climbers. He could not muster words for a proper response.

The following day the members of the Outing dropped their care-free existence in the mountains and returned to civilization, where on all sides the blue eagle of the N. R. A. was newly in evidence.

MEMBERS OF THE 1933 SUMMER OUTING COMMITTEE

Fred Q. Gorton, Chairman
 Aura Bonell, Secretary

H. Wilford Playter
 Amos Hand

Ascents (1) Mount Seattle; (2) Mount Christie; (3) Mount Olympus, Middle Peak; (4) Mount Olympus, West Peak; (5) Mount Olympus, East Peak; (6) Mount Meany; (7) Mount Noyes.

Bissell, John L.	1-2-3-4-6	Langham, Marie	1-2-3-6
Bonell, Aura	1-2-3-6	Lehmann, J. F.	1-2-3-4-6
Brask, Gudrun	2-3.....	Lehmann, Mrs. J. F.	1-2-3-6
Brown, Lois	2-3-6	Little, Elizabeth	1-2-3
Cameron, Crissie		Little, Willard G.	1
Coleman, Linda		Meany, Dr. E. S.	
Costello, W. J.	1-3	Meany, E. S., Jr.	6-7
Costello, Mrs. W. J.	1-3	Meany, Mrs. E. S., Jr.	6-7
Davis, Walter J.		Miller, Ralph	1-2-3-4-6
Dixon, Harold	1-2-3-4-5-6	Morganroth, Mrs. E. R.	
Dodge, Florence	1-2-3-6	Moses, Elliot	1-2-3-4-6
FitzSimons, Ruth	2-3	Nettleton, Lulle	
Forsyth, Lydia	1-3	Osborn, F. A.	1
Fraser, Alice	2-6	Phillips, Calvin	
Furry, Mabel		Playter, H. Wilford	1-2-3-6
Garner, Clarence	2-6	Robertson, James	1-2-3-4-6
Gorton, Fred Q.	1-2-3-6	Royer, Edgar	
Hand, Amos	1-2-3-6	Schmidt, Elizabeth	1
Hunter, David	1-2-3	Shelden, C. G.	1-2-3-6
Kaye, A. L.	2-3-6	Slade, Irene	1-2-3-6
Kellogg, Stella	1-2-3	Thometz, Mary	1-2-3
Kizer, R. Bruce	1-2-3-6	Todd, Seldon	1-2-3-4-6
Kratsch, Ida Rose		Walker, Harriet K.	2-3-6

Climbed Mount Seattle with the party: Henry Bonham.

Climbed Mount Christie and Mount Olympus (Middle and West peaks) with the party: Ray Voorhies.

Cook—William Norton. Baker—Dudley Boyce. Head Packer—R. E. Voorhies.

THE ASCENT OF ELDORADO PEAK

DONALD BLAIR

ENTERING an unknown region always adds incentive to the thrill of a climb. A perfect day added to the spirit of the occasion as our party of four, N. W. Grigg, A. R. Winder, Arthur T. Wilson, and the writer wheeled out of their 3,500-foot camp on Sibley Creek and headed for their Eldorado. Not the golden Eldorado of the Spaniards of old, but a mountain Eldorado of snow and ice.

Elevation was quickly gained on the excellent trail and the climbers soon ascended to a high pass lying between Hidden Lake Peak (7,000 ft.) and a serrated ridge leading to the northeast. Contouring to the north across the steep slopes at the head of Hidden Lake Creek, the route led up and down below the crest of the ridge and, after crossing a small glacier lying at the foot of two imposing pinnacles at the northeast end of the ridge, finally led to a high pass between Roush Creek and Inspiration Glacier. From here it was necessary to drop down about 800 feet over steep rocks and snow to the floor of Inspiration Glacier which, at this point, is rather steep although uncrevassed. It required approximately an hour's travel to cross the upper neve and to reach the summit ridge of the mountain. Another half hour was consumed in attaining the highest point.

At the time the climb was made, August 27, 1933, the last part of the route lay along a knife-edge of snow. This snow ridge, although apparently higher than the summit rocks, did not appear to be permanent. It is the belief of those in the party that, in a year with normal snowfall, it would not exist that late in the season.

No records of any previous ascent were found. Record tube "A" was deposited on the summit.

The view in all directions was magnificent. Most impressive were the mountains close at hand, particularly Logan Peak (9,080), Mt. Buchner (9,080), Mt. Goode (9,300), and Boston Peak (8,850). Especially prominent was a high unnamed peak, heavily glaciated, directly to the east. It appeared to equal the height of Eldorado. From where the party stood, Inspiration Glacier extended downward in two main branches, one flowing toward the Cascade River immediately west of Cascade Pass, the other draining eastward into the west fork of Thunder Creek. To the north, a smaller, apparently unnamed, glacier descended into the headwaters of McAllister Creek, while to the west, cliffs broke sharply from the summit to hanging glaciers below which form the headwaters of Marble Creek.

The return was made over the same route as the ascent. The climb was completed in a twelve-hour round trip from the high camp.

There is still a great deal of exploration to be done in this region and it is the belief of the writer that future climbing parties entering this district will be well repaid for their efforts.

The Challenge of the Times

ALVARO C. SHOEMAKER

SOMETHING new has come to the world—brought by one of those profound changes which cause all mankind to adjust themselves to new relationships among themselves and with their physical and cultural surroundings.

This new thing, this startling and socially significant product of change, is *increased leisure*.

Are we Mountaineers prepared to make the most of it? And, in the larger view, are we prepared to assist others in making the most of it?

We may leave to others the discovery of the forces which have brought this change about. But we should, we must give thought to methods and policies which lead to the most profitable and healthful use of the increased leisure thrust upon us by the irresistible force of social evolution. In this undertaking we have a special fitness and therefore there is laid upon us a special duty to broaden our scope, intensify our activities, and thus give to others the benefit of our experience in wholesome outdoor living, nature study, and pleasurable contacts with the most engaging aspects of the physical world.

We, who have learned to lift up our eyes unto the hills, owe to others an invitation to enjoy the vision. Here is a mission in which, by initiating others into the joys we so well know, we could add immeasurably to their pleasures in life.

The times offer a call to duty, a call answered by the friendly out-of-doors. There is an invitation from Mother Nature to bring more of her children into her sanctuary—for health, for pleasure, for a better, happier America.

Will you help?

AN ATTEMPT AT PTARMIGAN RIDGE ON MOUNT RAINIER

WENDELL TROSPER

HANS GRAGE, Jarvis Wallen, and the writer left Seattel at 4 p. m. the Friday before Labor Day and camped that night at Ipsut Creek Camp Ground. The next morning we followed the Spray Park trail to Seattle Park, then straight up over Russell Glacier between Echo and Observation rocks to an elevation of about 9,700 feet. We did not encounter any difficulty in getting to our high camp.

We turned in early and woke up at 2 a. m., ate a hasty breakfast, and departed. We roped at the head of Ptarmigan Ridge and, with Hans leading, started across the head of the North Mowich Glacier. We crossed under the icefall, which comes down from Liberty Cap, ending in a sheer drop of 400 feet or more, encountered a small bergschrund at the head of the glacier which we crossed after chopping some steps along the lower lip. We came out on a rocky ridge that ran out on a steep snow slope and worked our way up about a thousand feet without any real difficulty. At about 11,000 feet we ran into glare ice covered with powder snow. We chopped about 500 feet of steps in ice so steep that we had to chop hand-holds. On measuring the slope we calculated it to be a little steeper than 40 degrees at the bottom, and nearly 50 degrees at the top, where it ran out at the base of a rock face.

One of the party climbed to the top and belayed the rope while the other two came up beside him. The leader started upward again, going to the full length of his rope, while it was belayed below on the only solid rock in the vicinity. The leader observed a steep, ice-filled chimney extending upwards some 300 feet and, realizing that it would be impossible for us to make the rest of the ascent and return to our base camp before dark, he gave the word to descend. Retracing our steps, we roped down the face and continued on down the snowfield to the head of the glacier. We had just passed down the icefall and made our way to the head of the ridge when an avalanche of rock and snow came down over the icefall and on down the glacier we had just crossed. We descended to our base camp without any further thrills. The wind shifted into the southwest and fog rolled in, forming a cloud cap over the mountain, so we packed up and moved camp down to Seattle Park. The next morning we left under the threat of stormy weather and arrived home in the afternoon.

The possibilities of the route depend entirely on the chimney that starts at about the 11,000-foot level. With good conditions, it is not impossible to attain 12,000 feet. From there, another rock chimney would have to be passed. Once over that chimney, it would be direct to Liberty Cap with the usual crevasses and then on to the Summit. I believe that the climb would be quite hazardous under any conditions, but not particularly difficult. Owing to the fact that most of the route is seldom touched by sunlight, ice will almost always be encountered above 11,000 feet. The three of us agreed that it would take at least

three days to make the trip under favorable conditions if the route were possible. If adverse conditions were met it would add another day to the trip. A party would find lots of step-cutting, plenty of rock-climbing, and marvelous scenery. The immensity of Willis Wall can not be appreciated until a person stands at the bottom and surveys it.

SKIING IN THE OLYMPICS

GEORGE C. DAIBER



LAST spring two of us took a ski trip into the Olympics, going in from Sol Duc Hot Springs to Deer Lake, a distance of about six miles, three of which we had to walk.

Arriving at Deer Lake in the afternoon we made camp in the Forest Service cabin. There were about ten to fifteen feet of snow on the ground. The next day our course took us to the top of Bogachiel Ridge where we found about thirty feet of snow. Continuing, we dropped down into the Hoh River valley. Because of the fact that it had been snowing since the start of the trip and the visibility was poor, we decided that if the same conditions continued the third day we should have to start our return trip. Camp that night was made in the snow. Next morning it was still snowing, so we reluctantly headed back over Bogachiel Ridge. We gained the top about noon. And while eating lunch, the clouds would occasionally separate, letting through the sunlight, which revealed a wide panorama of the surrounding country.

With good weather and snow conditions it would offer excellent skiing. Most of the upper country is park-like with long sweeping slopes over which one can ski for miles. Our run from the top of the Bogachiel back down to Deer Lake was thrilling. It was a mile or two long, losing about 2,000 feet in elevation. The snow was wet and heavy so that when we hit the steep side slopes, we started a number of avalanches, some of which gained considerable size before reaching the bottom of the valley.

That evening we stayed again in the Deer Lake cabin. Toward midnight the weather cleared and it became quite cold. Awaking the next morning, there was a heavy crust on the snow which began to thaw as the sun got higher. This afforded perfect spring ski conditions, which we took advantage of for the entire morning. Late that afternoon we skied down to Sol Duc Falls and spent the night in the shelter cabin. An hour on the trail the next morning brought us back to the Sol Duc Hot Springs.

Skiing in the Olympics is feasible in the winter as the snow-line is much lower than in the Cascades. It will be even more attractive when the roads are extended.

THE MOUNTAINEER INFLUENCE IN NORTHWEST SKIING

ROBERT H. HAYES

DURING the past few years it has been the privilege even of many of the Club's younger members to witness the extraordinary development and growth of the ski sport in our Northwest. It is a far cry from that small group of persistent Mountaineers making the first winter explorations of the Lodge country on skis, to the rapidly increasing throngs one now finds at all of the available present-day ski centers.

Snoqualmie Pass a few years ago was almost as remote and mysterious in winter as is Little America today. It was not only an event but an actual achievement for anyone outside of the initiate to visit the Summit in the winter months. Longmire afforded the more venturesome facilities for tobogganning and snowshoeing, and those hardier souls who secured skis and thereby risked their limbs were the source of curiosity and amusement to the onlookers. Paradise remained a remote outpost and beyond visits by successive Mountaineer Winter Outings and the hardiest of the snowshoe clan, there was little activity to interrupt the calm progress of King Winter's reign.

From the small nucleus of the Club's active skiers the idea spread enthusiastically. Many of our members, who called a halt to their mountaineering pursuits when the winter snows made the going too difficult, discovered in skis a new medium, enabling them to extend their activities through the entire twelve months. Others of the Club found joy in the sheer pleasure of this exhilarating new sport. The Lodge, formerly almost deserted in winter, became so overtaxed that it was necessary to establish new facilities to accommodate our members, and the Club, quick to respond to the situation, provided Meany Ski Hut as the answer.

The vital question of equipment was met and solved by our pioneer group. European catalogues were secured and studied intently; the various problems were discussed at length with the local outfitters, and in a short time through the pressure of these determined spirits, it was possible for the beginner to equip himself not only completely, but, more important, properly, from local sources of supply. Today it is possible for one to acquire a complete outfit in a single call at any of several of our more progressive sporting goods shops, and a large part of it, it is gratifying to state, of local manufacture.

As the movement gathered strength within the Club, intelligent instruction was provided, augmented by stimulating competition. It became apparent to the novice that the mastery of skis was no mysterious matter; that the expert was no super-being to be regarded with awe. He, too, by intelligent application might become adept. It was not long before the Club possessed a highly competent body of men and women fully capable of traversing our mountain country safely and pleasurably on skis.



Donald Bowman

SKIING IN PARADISE VALLEY

When the climbing season passes, skiing becomes a favorite activity for The Mountaineers. Paradise Valley, Mt. Rainier, affords every variety of slope, besides the inspiration of beautiful surroundings.

It would be foolish, indeed, to expect that for long this movement would confine itself within our Club. The Mountaineers had found the way. Others were quick to follow in their footsteps, or, should I say, their ski-tracks? Probably no other sport offers to its participants the rich rewards of pleasure and companionship and health that skiing presents to its followers.

It was only natural that new organizations should spring up, bringing increased facilities for the enjoyment of the sport and providing in their turn new sources of stimulation. Skiing became a matter of public interest and the growth continued apace. Highway facilities were extended and improved and the uncertainties of mountain travel in winter entirely removed.

Today one finds Snoqualmie Pass no longer an isolated stretch of wilderness, but a veritable community of ski organizations affording the present-day skiers almost every comfort and convenience of home for his perigrations into the snowy regions. Parking facilities for over a thousand cars are scarcely ample to accommodate the throngs drawn to this center in fine weather at the height of the season. At Longmire the snowshoer has been supplanted by swarms of novices experiencing their first thrills in the new sport on the crowded practice courses afforded by that place. A winter colony has sprung up at Paradise and each week-end finds scores of competent skiers indulging in their favorite pastime not only on the nearby slopes, but ranging all the way from Camp Muir to the rugged Tatoosh.

Recreational skiing, because of its broad appeal, has permanently established itself as a major sport in the Pacific Northwest. It has brought to many a fuller knowledge and appreciation of the inspiring mountain playgrounds that lie at our disposal. The growth of the sport to date has exceeded the expectations of even the most enthusiastic. It is not possible to venture a safe prediction as to what proportions it may yet attain. Knowledge of the part our Club has played in getting this great movement under way should be a constant source of gratification to every member of the organization.

THE MOUNTAINEER PLAYERS

WILMER FROISTAD



FROM early days play acting was so natural an expression of The Mountaineers it was inevitable a Players group should take form. It was equally inevitable that this activity should take its place with other activities of the Club with a committee representative on the Board of Trustees. And so it was that at the monthly meeting of April, 1933, it was voted to make The Players Committee a regular standing committee of the Club.

Elizabeth Kirkwood has traced the early history of the group in her article, "A History of Mountaineer Theatricals," published in the 1930 Annual. Let us take it up from the last play mentioned there. In the winter of 1931 The Players gave Benavente's "Bonds of Interest," a play somewhat Shakespearean in character, but thoroughly modern in philosophy. The story shows how a gay rascal, Crispin, who understands popular psychology, marries his penniless master to the heiress of the village. The Crispin type in politics is familiar to us all.

Claire McGuire had for years been looking for a play suited to the Forest Theater which would allow for group singing. The play given in 1931 offered the first opportunity to introduce a chorus. It was "The Adventures of Alice," adapted to the Forest Theater by Mrs. Sandall from the two stories by Lewis Carroll, "Alice in Wonderland" and "Alice Through the Looking Glass." The music used was Liza Lehmann's arrangements of the nonsense verses by Carroll. The lower stage was laid out to represent a huge red and white chessboard. There the main action took place, and once again Mountaineers saw the Mock Turtle, the Mad Hatter, and many other characters which Bill Darling had first made real before their eyes in the earlier "Alice" play. Myrtle Hester again played the part of Alice. The other characters new to the audience were chessboard characters, and the action followed the moves of a chess game. On the mound was arranged a chorus of flowers led by Frances Penrose. A mystery thriller, "Cat O' Nine Tails," was the 1932 winter offering of The Players. It was followed in the spring by one of the outstanding outdoor productions.

Certainly, though comparisons are odious, those who have seen all the plays would pick out two as especially memorable. For one they would pick out the first "Alice" play, because it was strikingly different and marked the beginning of the elaborate costuming we have come to associate with productions in the Forest Theater. Bill Darling is never to be taken for granted, but in the year 1927 his re-creations of the characters of Lewis Carroll's fancy were a joyous surprise. The other play which the "regulars" would pick out is Harriet King Walker's "Ali Baba," for there was a play in new tempos, dashing and oriental, yet quite at home among the tall firs of Washington. The music was borrowed from an old musical comedy. Since then, with the help of Patience Paschall, who wrote the lyrics, and of Evelyn Sezuck, who adapted old Arabic tunes, the music has been done over. For this play the mound served as the entrance—through a wall of convincingly solid rock—to the robber's cave. Down left stage was the home of Ali Baba. The rest of the main stage was alternately the courtyard of Ali Baba's home and the city street, while up stage center in one of the tall trees was the Muezzin's tower, from which he called the faithful to prayer. Certainly Miss Walker deserves high praise for her creation.

Some visitors from Montesano were so entranced with "Ali Baba" and with the Forest Theater that they went home and started to work for an outdoor theater of their own. As a result of their efforts a forest theater was dedicated August 13, 1933, at Montesano. For the occasion "Ali Baba" was used, with a cast of Mountaineers in the principal roles and with Grays Harbor residents as the chorus. At this performance the new music was used for the first time.

The season of 1932-33 was the tenth year of The Players. They attempted that winter their most ambitious program. The spring plays, of course, have been emphasized, but their excellence, it was recognized by the directors of the group, was dependent in part upon the finish and experience the individual players got from the winter plays. In the fall, therefore, it was decided to produce a program of one-act plays which would bring out new talent and give everyone an opportunity to demonstrate his or her acting ability. More experienced members of the group were put in charge of the directing and management of the plays, under the supervision of Mrs. Sandall. These one-act plays were followed by the regular winter play. This was the most modern production ever attempted. It was Rachel Crothers' "Let Us Be Gay," a social comedy.

On June 4 and 11, "The Reluctant Dragon," a children's play by Emma Gilders Stern, was given. Ronald Todd starred as Alexander Augustus, the reluctant dragon. Bill Darling met a new problem of costuming with his convincing family of dragons. And once again, in spite of hard times and the long distance people have to travel to see these productions, the Forest Theater was filled with older folks and children, held in rapt attention by the story of St. George and the Dragon, and by the more modern second half of the story, in which a little boy and girl, a circus man, and an amiable dragon all play their part.

Year by year The Players have grown in experience. Harriet Walker's excellent play, it is to be hoped, is the forerunner of more plays written especially for the Forest Theater. A play to be thoroughly suited to it must be almost Elizabethan in construction, while observing as nearly as possible the convention of unity of place. It must have color and action, and produce mass effects. These requirements are met by very few plays. But The Players seem to have the talent to meet this problem just as they have produced the talent necessary to meet their other special requirements.

With the growth of The Players group it has been interesting to watch the development of Bill Darling in technical sureness and professional standing. His costumes and masks are known throughout a wide area around Seattle. Some work still needs to be done on the theater. The banking situation interrupted the work on the seats, but the backstage area has been gradually developed. Even with limited resources there is much which can still, and undoubtedly will, be done in the next few years.

Plans for the winter program of 1934 call for a group of one-act plays to be directed and managed exclusively by Mountaineers. The plays chosen are: "The Rector," by Rachel Crothers, "The Dweller in Darkness," by Reginald Berkeley, a musical skit with Russian songs and dances, and a one-act comedy.

THE CLIMBING GUIDE

HERBERT V. STRANDBERG



THE MOUNTAINEERS have recognized for years the need of a climbing guide. In the past there have been published in the Annual and elsewhere articles which are actually climbing guides covering a very limited number of peaks.

About a year ago the Climbing Committee began the ambitious task of compiling an all-inclusive climbing guide for Washington. With full realization of the enormity of the task they had undertaken, a carefully organized program was outlined. Progress at first was slow because we wished to see that everything would proceed smoothly before expanding the scope of the work. For instance, the questionnaire, of which more later, was made up and distributed to a number of members with instructions to report on designated peaks. Profiting by our experience with these preliminary questionnaires we modified the form to better fit our needs.

Preliminary work has been progressing smoothly. We have prepared two volumes of maps, one of U. S. G. S. topographic sheets and the other of Forest Service maps. From these maps a card index was prepared giving the altitude, location, and map reference of every peak named thereon. Over a thousand peaks have been indexed. On the reverse side of these cards will be entered a bibliography which will be made as complete as possible. It is to contain references to all published data of general and historic interest, and will be found of value to those reporting on peaks. The index is available to all members at the Club rooms. The work on the bibliography is only started, but with the enthusiasm already shown, the task should not be a difficult one.

The Climbing Guide as planned will be made up on letter-size paper, bound in a binder similar to our map binders. It will be illustrated as fully as possible. It will be noted that we ask for pictures $3\frac{1}{2} \times 4\frac{3}{4}$ inches in size on light-weight matte paper. These dimensions are adapted to the size of page used; light-weight paper is requested because of flexibility and ease of mounting; and matte finish, in order that we may mark the route on it. A standard outline will be followed throughout in order that information may be readily located. This volume will be the source of information for publishing a climbing guide should such a project be decided upon in the future.

The most difficult task faced by the Committee is reaching the sources of information and then securing the specific data desired. To this end we have prepared the questionnaire mentioned above. In filling these out accuracy is of paramount importance, and the Climbing Committee will make every effort to check all information submitted before placing it in the Guide.

In this work it is necessary that we look up volunteer sources for our information. It is not possible for the committee to get in contact with everybody. We hope that we will receive the hearty cooperation

of the entire membership in this work. Credit will be given for all data. It is not necessary that one person should complete a questionnaire or delay sending it in through lack of certain information. It is desired, however, that the reports be made as complete as possible.

The use of the questionnaire is illustrated by the sample below. Others making reports may use this as a guide or they may obtain forms at the Club rooms.

PEAK RECORD

Name, *Sloan Peak*; Height, *7,790 feet*; Authority, *U. S. G. S.*

Location, *Snohomish County, Washington State, Mt. Baker National Forest*; Section 36, Township 30 N. Range 11 E.

Type of Climb: Rock (X), Snow and Ice (X).

Special Equipment Recommended: Rope (X)ft., Ice Axe (X), Crampons (), Tennis Shoes (), Other Special Equipment

What hazards are peculiar to this climb? Describe briefly. *Narrow ledge to be followed over abrupt cliffs. Early in the summer this ledge may be covered with snow that has a tendency to slide off.*

Maps Available: Forest Service (X), U. S. G. S. (X), Private, name.....

Approach:

From *Seattle to Clear Creek*, by auto; time, *2½ hours* (....).

From *Cl. Creek*, to *No. Fork Camp*, by trail *13 mi.*; time, *1 day* (X).

From *No. Fork to Bedal's Cabin* by trail *6½ mi.*; time, *½ day* (X).

Total time, *1½ days*.

Location and type of shelters en route: *Lean-to at North Fork Camp 17 miles from Darrington. Bedal's Cabin at head of Bedal Creek 5½ miles from North Fork Camp. This is the end of the Bedal Creek Trail.*

If horses can be used, check in last column above.

Is there forage for horses near camps? Yes (.....). No. (X).

Location of high camp, *Bedal's Cabin*; miles, *1 W.* (ie., N.W.) of summit at elevation of *5,000 ft.*

Any other pertinent notes: *Bedal's Cabin is located near an asbestos claim in a basin southwest of the Peak.*

Climb Routes: (Refer to picture)

From High Camp to.....Direction.....

From..... to.....Direction.....

Location of register: *In cairn at summit*; Tube No.....

Total time for ascent from High Camp, *4 hours*.

Total time for descent to High Camp, *3 hours*.

Give brief description of climb route and of such prominent landmarks en route as will aid in its location in the field. *From Bedal's Cabin skirt cliffs to the left of the peak, up steep timbered slope to the right, cross snowfields, go over pass between Sloan Peak and Bedal Peak, turn south-east to upper part of the glacier. Cross glacier high up, turn southwest at ledge spiralling around the peak to the summit. Approach to summit is from the west.*

Alternate Routes: Fill out an additional form for each alternate approach and/or climb route, and so indicate on the sheet. *By way of Stillaguamish Valley and Barlow Pass to Bedal Creek.*

Pictures:

Submit two photographs of the peak, one to be 9x12 cm. (3½x4¾ inches) on single weight matte paper; the second to be of any size or finish, with the route of ascent clearly marked, using letters A, B, C, etc., to show important landmarks. DO NOT PUT ANY MARKS ON THE FIRST PHOTO. This will be attended to by the committee. Additional photos showing alternate routes may be submitted.

To the best of my knowledge, the above information is correct.

Date.....

Signed

STUART HERTZ,
KENNETH CHAPMAN,

BERNHARD CRAIN,
H. J. ENGLER.

HISTORY OF PEAK:

Name of Peak, *Sloan Peak*; Elevation, *7,790 feet*.
 Discovered by:.....Date.....Authority.....
 Named by:Date.....Authority.....
 First ascent by *Harry Bedal*; Date.....Authority.....
 Give a brief account of the first ascent, stating the source of information.

GEOLOGY AND MINERALOGY:

Asbestos Mine. Garnets.

FLORA AND FAUNA (note local peculiarities) *An unusual number of succulent types. Large patches of true alpines, and specimen plants of very large size were noted.*

BIBLIOGRAPHY:

Give references and a brief synopsis of the information contained therein.
 Name other peaks about which you can submit information:

.....

 Date..... Signed.....

THE 1933 MOUNTAINEER PHOTOGRAPHIC EXHIBIT

NORVAL W. GRIGG



HE 1933 Mountaineer Photographic Exhibit was placed on display at the Club rooms from November 10th to November 24th and at Frederick & Nelson's until December 10th, in order that the general public as well as our own membership might have ample opportunity to view it.

With few exceptions, the pictures submitted for this year's exhibit were of uniformly high quality. (For list of awards see December, 1933 Bulletin.) The judges of the exhibit, Miss S. Bisazza, Mr. G. F. Dwyer, and Mr. J. W. Wilson, worked long and conscientiously in selecting the pictures which received awards, and because of the high calibre of the prints submitted found their task difficult.

The exhibit discloses the fact that the Mountaineers are fortunate in possessing a number of photographers who not only have mastered the technical processes required for successful picture taking but in their enthusiasm for the mountains are able to catch and bring home to all of us a little of the moods and personalities of the various peaks as well as the more sensational panoramas which present themselves.

It is significant to note that in the past two years of lessened activity in nearly every phase of the Club's program, there has been no perceptible decrease in the interest in photography. The photographic exhibits draw much favorable attention to our organization and are deserving of the fullest encouragement. The photographers of the Club, as well as the committee, whose efforts were responsible for the success of this excellent exhibit, are to be congratulated.

MOUNTAINEERING NOTES

Plywood skis are being produced on the local market after having been successfully tried out abroad. A center filler of battan is used, with a running layer of hickory on the bottom and a protective top of hickory. These skis are an improvement over the usual type in that the lamination prevents the tips and middle bend from relaxing. This same tension also prevents warping almost entirely. Battan being a very light wood, its substitution as a core in the center of the ski makes a lighter ski, while the lamination at the same time increases the strength. The glue used between sections has proved so successful in tests that it has remained intact even when sections of the wood have split apart.

* * *

After years of struggle on the narrow skis so popular in Norway, we have turned to a broader and shorter model popularly known here and in Switzerland as slalom skis. Our terrain and deep snow call for broad skis to keep us on top of the snow (It takes more than that—Ed. note) and short ones for twisting and turning down steep slopes. Both for the beginner and the expert, a broad ski simplifies the problem of edging and makes skiing far easier.

* * *

Bildstein heel clips come highly recommended from Switzerland. (See 1932 British Ski Club year-book.) They consist of a spring heel band with a tension lever, the object being to release the foot when a sudden severe jerk is felt, at the same time allowing the boot to be more firmly fixed in the toe iron, giving greater control in downhill running. They are popular in Europe and should prevent quite a few twisted and broken bones.

* * *

Alpina-type binding is now made locally. The mechanical adjustment, while different from the Alpina, in result and appearance is the same. This should be of particular interest as imported goods will be very expensive due to the devaluation of the dollar abroad.

* * *

The great dissatisfaction with the sealskin has been its bulk and numerous straps. There is now on the market a sealskin 24 inches in length that plugs through the ski and fastens with a tension lever. The skin being under the foot gives plenty of traction and the absence of buckles and bulk does away with most of the troubles associated with them. Absence of friction from straps makes downhill sliding possible.

* * *

A climbing device consisting of a canvas sock that fits over the tail of the ski and fastens in front of the binding has two things to recommend it, simplicity and economy. The rough surface of the canvas offers a very adhesive climbing surface to the snow. The socks are usually very easy to put on and off but have the unpleasant habit of freezing to the skis under some conditions.

* * *

The latest advice from Europe on ice axes is that a shorter axe, approximately thirty inches long, is in vogue, the theory being that on ice, crampons will always be used and a long axe is unnecessary, as steps will only be cut on very steep ice and snow.

* * *

Many climbers are cutting grooves in their edging nails to lighten their boots.

* * *

Two Mountaineer men have been experimenting with a glorified edge nail that almost makes crampons unnecessary. The nails extend down from the edge of the sole about $\frac{3}{4}$ inch, spaced all around the boot. Reinforcement across the sole makes nails in the middle of the boot unnecessary. This experiment should produce interesting results as it has already been proved that climbers thus equipped can surmount obstacles not possible with the usual nail job.

TROPHY WINNERS, 1933

Acheson Cup—Wm. J. Maxwell	University Bookstore Trophy (women)
Climbing Award—Donald Blair, N. W.	—Rena Cox
Grigg, Arthur Winder, Arthur Wilson	Women's Ski Trophy—Gladys Carr
Harper Cup—Donald Blair	Men's Slalom Trophy—Wolf Bauer
Outdoor Store Trophy (jumping)—	Women's Slalom Trophy—Eugenie Zabell
W. R. Ruston	Downhill Trophy—Wolf Bauer
University Bookstore Trophy (men)	Patrol Trophy—H. V. Strandberg,
—Arthur Wilson	Arthur T. Wilson, Donald Blair

TACOMA BRANCH

Treasurer's Annual Report as of October 31, 1933

RECEIPTS:			
Bank balance November 1, 1932.....		\$	409.65
Membership refund from Seattle.....			156.00
Interest on bonds.....			66.00
Profit from card parties			28.40
Profit from Irish Cabin			117.10
Profit Local and Special Outings			29.50
			<u>\$ 806.65</u>
DISBURSEMENTS:			
Rent of Club Rooms	\$	216.00	
Tax on bank checks58	
Flowers		7.35	
Transportation—Seattle Trustee		10.00	
Bank charge for safekeeping bonds		4.00	
Postage80	
Map		1.00	
Books and magazines		8.00	
Mimeographing		3.47	
Miscellaneous		6.46	
			<u>\$ 257.66</u>
CASH ON HAND AND IN BANK.....			<u>\$ 548.99</u>
ASSETS:			
Cash on hand and in bank.....	\$	548.99	
Investment bonds, market value:	Par Value	Market	
Mt. States Power Co.....	\$1,000.00	\$	580.00
United Public Service Co.....	1,000.00		Nil
United Public Utilities Co.....	100.00		21.00
			<u>601.00</u>
RECEIVABLE:			
Bond interest accrued (Est. on Mt. States Power and United Public Utilities only)			19.48
Membership refund (Est.)			156.00
Furniture, fixtures and supplies:			
Irish Cabin			102.00
Club Room			108.00
LIABILITIES		NONE	
NET WORTH			<u>\$1,535.47</u>

GERTRUDE SNOW, Secretary-Treasurer.

EVERETT BRANCH

Treasurer's Report for the Year Ending Sept 29, 1933

Cash on hand Sept. 22, 1932.....	\$	869.67	
Liberty bond (par value)		100.00	
Resources Sept. 22, 1932			<u>\$ 969.67</u>
RECEIPTS:			
Local walks and special outings.....	\$	30.14	
Refund of members' dues		59.00	
Social committee functions		4.20	
Interest on Liberty Bond		4.26	
Interest on savings account		27.88	
			<u>125.48</u>
			<u>\$1,095.15</u>
DISBURSEMENTS:			
Donation to Glacier Peak Association.....	\$	25.00	
Climbing pins		70.75	
Miscellaneous		41.53	
			<u>137.28</u>
Resources Sept. 29, 1933			<u>\$ 957.87</u>

THOS. E. JETER, Treasurer.

THE MOUNTAINEERS, INC., SEATTLE, WASH.

BALANCE SHEET

As of October 31, 1933

ASSETS:

Cash on hand	\$ 588.40	
National Bank of Commerce.....	91.37	
		\$ 689.77
Washington Mutual Savings Bank		2,686.39
Puget Sound Savings & Loan Assn.....	\$ 337.74	
Less reserve for shrinkage	313.03	
		24.71
Bonds—Permanent fund		6,232.47
Inventory of supplies		462.46
Furniture and fixtures		544.44
Library		307.19
Motion picture equipment		51.31
Permanent Construction:		
Kitsap Cabin	2,676.87	
Meany Ski Hut	2,199.96	
Snoqualmie Lodge	3,998.26	
	\$8,875.09	
Less reserve for depreciation	756.35	
		8,118.74
Accruals, advances and deferred charges		802.30
		\$19,919.78

LIABILITIES:

Accounts payable	\$ 213.00	\$ 213.00
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CAPITAL AND SURPLUS:

Permanent Fund	6,276.12	
Permanent Fund—Outing	1,000.00	
		7,276.12
Surplus, October 31, 1932.....	\$12,508.95	
Sundry charges in 1933.....	7.81	
Balance from P. & L.....	70.48	
	78.29	
		12,430.66
		\$19,919.78

Profit and Loss Account for Year Ending October 31, 1933

DR.

Bulletin	\$ 204.97
Club rooms	12.65
Depreciation	756.35
Donations	10.00
Expense, General	111.43
Insurance	399.08
Kitsap Cabin (operations) ..	87.44
Postage, printing and stationery	154.34
Rentals	791.40
Salaries	300.00
Ski Committee	41.94
Snoqualmie Lodge (operations)	63.36
Telephone expense	60.00
	\$2,992.96

CR.

Annual Banquet	\$ 6.44
Annual Magazine	181.27
Annual Dance	20.23
Dues, Seattle	1,172.50
Dues, Outside	145.00
Dues, Everett	116.00
Dues, Tacoma	75.00
Initiation fees	99.00
Interest earned	418.31
Local walks	28.83
Meany Ski Hut (operations)	54.32
Player's Committee	177.23
Special Outings	11.51
Summer Outing	416.84
Loss for year	70.48
	\$2,992.96

1933 SUMMER OUTING COMMITTEE

RECEIPTS:

Receipts from members	\$2,302.00
Prospectus advertising	40.28
Interest, Seymour bond	60.00
Sales, surplus commissary	8.50
Sales, surplus film	4.80
Club membership dues	24.00
Extra meals served	13.00
Miscellaneous	1.86

Total \$2,454.44

DISBURSEMENTS:

Commissary	\$ 288.06
Cooks	184.25
Transportation	218.50
Trucking	50.00
Pack-train	790.00
Dues remitted to Financial Secretary	24.00
Deposits returned on cancellations	95.00
Refunds to members	242.50
Equipment	72.36
Films	55.26
Album for Club rooms	6.20
Miscellaneous	25.97
Prospectus printing and mailing	71.15
Scouting and committee expense	41.50
Checks to Treasurer for balance	289.69

Total \$2,454.44

Accounts Receivable Advertising.....\$10.00

Bills Payable—Album expense (estimated) 11.00

F. Q. GORTON, Chairman.
AURA M. BONELL, Secretary.

LOCAL WALKS COMMITTEE

Year Ending October 31, 1933

RECEIPTS:

Local Walks fees	\$ 134.30
Transportation	180.50

\$ 314.80

DISBURSEMENTS:

Commissary	\$ 48.08
Transportation	171.15
Scouting	7.40
Miscellaneous	11.34
Balance to Treasurer	76.83

\$ 314.80

L. D. BYINGTON, Chairman.
OLA V. TWEEDY, Secretary.

(Total of 864 present on 20 walks)

KITSAP CABIN

Year Ending October 31, 1933

RECEIPTS:

Cabin fees	\$ 155.00
Commissary	290.50
Mountaineer Players	140.23
Advance from Treasurer	25.00

\$ 610.73

DISBURSEMENTS:

Commissary	\$ 165.88
Lights	15.92
Caretaker's salary	300.00
Repairs and replacements	12.72
Entertainment	5.06
Miscellaneous	4.96
Taxes	28.00
Wood	17.00
Laundry	5.54
Transportation	2.00
Return of loan	25.00
Loan to Treasurer	12.50
Balance to Treasurer	16.15

\$ 610.73

CREDITS:

Wood on hand, November 1, 1933.....	\$ 28.65
Commissary on hand, November 1, 1933.....	15.01
Number meals served, 841.....	Number people, 365

ARTHUR WINDER, Chairman Kitsap Cabin Committee.
VIOLET CLEVERLY, Secretary.

SNOQUALMIE LODGE
Year Ending October 31, 1933

RECEIPTS:		
Meals	\$ 793.90	
Lodge fees	389.40	
Guest fees	23.25	
Canteen	78.70	
Rental equipment	36.50	
Miscellaneous	37.25	
General Fund advance	464.83	
		\$1,823.83
DISBURSEMENTS:		
Commissary	\$ 610.97	
Hauling	20.00	
Lodge maintenance	118.92	
Equipment	34.80	
Caretaker	341.82	
Committee transportation	23.10	
Canteen	73.31	
Rental equipment	27.90	
Permanent improvement	17.48	
Miscellaneous	103.08	
		\$1,371.38
Returned to General Fund		452.45
		\$1,823.83
Total attendance	949	
Number of meals served	2,286	
Commissary on hand	\$123.54	
Miscellaneous inventory	84.48	

JAMES C. MARTIN, Chairman.
MURIEL A. JOHNSON, Secretary.

SPECIAL OUTINGS COMMITTEE
Year Ending October 31, 1933

RECEIPTS:		
Loan from Treasurer	\$ 15.00	
Outing fees	431.05	
Commissary sold70	
		\$ 446.75
DISBURSEMENTS:		
Commissary	\$ 106.67	
Transportation	225.00	
Labor	28.50	
Refunds	3.25	
Committee expense	11.20	
Equipment purchased	10.49	
Tax on checks52	
		\$ 385.63
Check to Treasurer to close account.....	61.12	
		\$ 446.75
Account payable	\$ 48.00	
Total attendance	131	
Committee	8	
Net	123	
Number of outings	5	

H. V. STRANDBERG, Chairman.
ELIZABETH CLARK, Secretary.

MEANY SKI HUT COMMITTEE
Year Ending May 1, 1933

RECEIPTS:		
Hut fees	\$ 163.20	
Commissary	259.90	
From General Fund	25.00	
Donations	2.50	
Sundries	2.82	
		\$ 453.42
DISBURSEMENTS:		
Commissary	\$ 133.92	
Cook's salary and fare	38.65	
Operating expense	5.05	
Committee expense	41.20	
Sundries	12.50	
Return to General Fund	222.10	
		\$ 453.42

W. J. MAXWELL, Chairman.
GWENDOLYN REMY, Secretary.

CONDENSED STATEMENT FOR PLAYERS' COMMITTEE

Receipts from Spring play	\$1,036.85
Expenses for Spring play	736.39
	<hr/>
	\$ 300.46
Check to Kitsap Cabin.....	140.23
	<hr/>
Net profit on Spring play	\$ 160.23
Miscellaneous receipts	25.30
	<hr/>
	\$ 185.53
Miscellaneous expenses	8.30
	<hr/>
In reserve account for players.....	\$ 177.23
Certified to be correct	
W. FROISTAD, Chairman.	
MAUDE CARNEY,	
Secretary-Treasurer of The Mountaineer Players Committee.	

Seattle, Washington, November 17th, 1933.

Mountaineers, Inc.,
Seattle, Washington.
Gentlemen:

At the request of your Treasurer I have examined her records of Receipts and Disbursements for the year ending October 31st, 1933, and find that an accurate account of both have been kept, and that the balances of cash in hand and in the various depositories coincided with the records. Reports of the various Committees have been consolidated with the Treasurer's records. On advice from the Treasurer that no changes had been made in the Bond Portfolio during the past year, these were not examined.

I am of the opinion that the attached Balance Sheet and Profit and Loss account reflect an accurate picture of your organization's present condition, and the result of the past year's operations.

CHARLES E. WICKS,
Auditor.

MOUNTAINEER MONTHLY MEETINGS

December, 1932—November, 1933

Mountaineer Club Rooms, 214 Rialto Building
(Unless otherwise stated)

- December 9, 1932—Ski Technique; moving pictures made by John W. McCrillis. Ski Committee in charge.
Ensemble music furnished by students from the Violin Studio of Ernest E. Fitzsimmons.
- January 6, 1933—Fifteen Months in China: talk and art display, by Orre N. Nobles, art instructor and traveler.
- February 10, 1933—Mountaineer Twenty-sixth Anniversary, Hotel Meany. Guest of honor, Doctor Edmond S. Meany, president of The Mountaineers for twenty-five years.
Mexico: illustrated lecture, by Doctor Howard Woolston.
Presentation of the Acheson Cup to Mrs. Joseph T. Hazard for the year 1932.
- March 10, 1933—"Let us be gay", play presented by the Mountaineer Players under the direction of Mrs. Robert F. Sandall, at the Women's Century Club Theatre.
- April 7, 1933—Alaska: Lecture and moving pictures, Edward W. Allen, vice-president of The Mountaineers, in charge.
- May 5, 1933—Mount Olympus: lecture, moving pictures, and slides, P. W. Mathias, manager of Chamber of Commerce, Aberdeen, Washington.
- June 9, 1933—Jig Saw, an operetta composed and directed by Arthur R. Winder and Donald Bowman.
- July—August 1933. No Meetings.
- September 8, 1933—Skiing in the Alps: travelogue, by Chester Higman, Mountaineer, ski runner, and traveler.
- October 6, 1933—Summer Outing in the Olympics: lecture and moving pictures, Fred Q. Gorton, leader of the 1933 Summer Outing.
- November 10, 1933—Formal Opening of the 1933 Photographic Exhibit, Robert H. Hayes, chairman of the Photographic Committee, in charge.
GERTRUDE INEZ STREATOR, Historian.

SUMMARY OF CLUB ROOM MEETINGS

November, 1932—October, 1933

Total attendance program meetings, 1121; number program meetings, 20; average attendance 56.

Programs were arranged for at least two Wednesday evenings in each month. Motion pictures, sponsored by outside groups or Club committees, furnished entertainment for nine meetings; speakers from outside the Club, three; Club committees or individuals, seven; parties, one. Outstanding pictures included "Track," loaned by Cascade Ski Club; Dartmouth Ski Club film; and the climbing pictures titled "The Epic of Everest." The Committee sponsored five Arena skating parties and one outdoor skating party during the winter.

TRUSTEES AND COMMITTEES, SEATTLE

Edmond S. Meany, President	Marjorie V. Gregg, Treasurer
Edward W. Allen, Vice-president	Gertrude I. Streator, Historian
	Harry M. Myers, Secretary—P. O. Box 122
Fred W. Ball	Mrs. Joseph T. Hazard
Winona Bailey	Thomas Jeter, Everett
Wilmer Froistad	Carl E. Lindgren
Richard E. Gaylord, Tacoma	W. J. Maxwell
Fred Q. Gorton	Claire McGuire
	Ben C. Mooers
	Harry R. Morgan
	H. Wilford Playter
	Paul Shorrock
	Herbert V. Strandberg
	Arthur R. Winder

Eulalie E. Lasnier, Financial Secretary.
 Ilo M. Smith, Recording Secretary
 Wilmer Froistad, Club Room Secretary

CHAIRMEN OF COMMITTEES

Outing, 1934— Herbert V. Strandberg	Finance and Budget— Marjorie V. Gregg
Kitsap Cabin— Claire McGuire	Moving Picture— H. Wilford Playter
Local Walks— John Bissell	National Parks— Irving M. Clark
Meany Ski Hut— W. J. Maxwell	Future Outings Ben C. Mooers
Players— Wilmer Froistad	Photographic— Robert H. Hayes
Ski— Paul Shorrock	Publicity— Don Bowman
Snoqualmie Lodge— Carl E. Lindgren	Custodian of Records of Ascents of the Six Major Peaks— Lulle Nettleton
Special Outings— Laurence D. Byington	Librarian— Mrs. Grace Breaks
Climbing— Herbert V. Strandberg	Editor of Annual— Effie L. Chapman
Acheson Cup— A. H. Hudson	Editor of Bulletin— Mrs. Joseph T. Hazard
Legislative— Elvin P. Carney	Commissary and Equipment— H. Wilford Playter
Membership— Russella Hardeman	Promotional Committee— Aura Bonell
Club Room and Entertainment— Charlotte E. Curtiss	

TACOMA BRANCH

OFFICERS

Willard G. Little, President	Lillian Ojala, Secretary-Treasurer
Margaret Johnson, Vice-President	Richard E. Gaylord, Trustee
A. H. Denman	Ethel Young
W. W. Kilmer	

CHAIRMEN OF STANDING COMMITTEES

Local Walks and Outings— Hugh Hitch	Irish Cabin— Irene Slade
Entertainment—	Membership— Patsy Humfleet

EVERETT BRANCH

OFFICERS

Paul N. Odegard, President	C. Gordon Uran, Treasurer
Beulah Braitzka, Secretary	Thomas Jeter, Trustee

CHAIRMEN OF STANDING COMMITTEES

Local Walks— C. G. Shelden	Membership— Elizabeth Peterson	Social— Alice Mellama
--------------------------------------	--	---------------------------------

- BREAKS, Mrs. Grace, 220 18th N., EA 1868.
- BREMERMAN, Glen F., 5834 Woodlawn.
- BREWER, Orpha A., 3003 14th W., GA 6422.
- BRICE, Carol A., 5009 6th N. E., ME 3904.
- BRINES, Ruth Gainer, 124 Warren, Apt. 305, MA 4192.
- BRINGLOE, Marguerite E., 802 Central Bldg., 5026 16th N. E., EL 4160.
- BROWN, H. E. D., c/o U. S. Forest Service, Concrete, Wash.
- BROWN, Lois E., 5744 26th N. E.
- BRYANT, Mrs. Grace, 1914 N. 48th, ME 4089.
- BUGGE, Elwyn, Dept. of Physical Education, Stanford University, Calif.
- BULL, Mary Jessica, 1120 Boylston. PR 4400.
- BURKETT, Douglas M., University Club, Boston, Mass.
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- BURTON, Clara B., Patterson Apts., 4045 Brooklyn, ME 9678.
- BUSH, Eleanor I., 133 Dorffel Dr., PR 3487.
- *BYINGTON, Laurence D., 5034 15th N.E. KE 1545. MA 7305
- CANDEE, Marion, 1205 E. 42d, ME 8839.
- CARLSON, Albert, Box 11, Route A, Issaquah, Wash.
- CARMICHAEL, Howard E., Washington Athletic Club, MA 7900.
- CARNEY, Elvin P., 855 Dexter Horton Bldg., EL 2822; 1600 E. John, Apt. 19, EA 6994.
- CARR, Willard G., 1817 Madrona Dr., EA 0231.
- **CASTOR, T. Davis, 4411 Phinney, ME 4583.
- CHAMBERS, Eva, 900 Insurance Bldg., MA 0091.
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- CHILD, Elsie T., 1603-04 Medical-Dental Bldg., EL 5359, CA 4700.
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- CLARK, Leland J., Jr., R. 1, Box 116, Bellevue, Wash.
- CLAUS, Don R., 1110 University, MA 5417.
- CLEVERLEY, Violet L., 1130 37th Ave., PR 1071.
- CLISE, J. W., Jr., 540 Hillside Dr., PR 2113.
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- COPESTICK, Edith L. 208 Walker Bldg., MA 4755. R. 2, Box 706a, Edmonds, Wash.
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- DAVIS, Lois E., 414 N. 47th, ME 1953.
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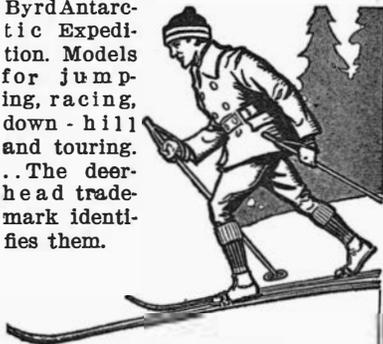
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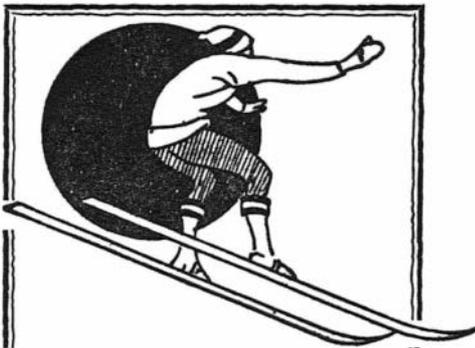
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HINMAN, Dr. H. B., 320 Stokes Bldg., Main 301-P.

HUDSON, Mabel C., No. 34 Madrona Apts., Red 1162.

JENSEN, Ethel, 2622 Rockefeller, MA 1100.

JETER, Thos. E., 1431 Grand, Black 1173-Black 50.

LAWRENCE, Charlie C., 1326 Grand, Blue 1229.

LEHMANN, Christian H., 2916 State, Main 187.

LEHMANN, J. F., 3527 Hoyt, Red 982.

LUCUS, Helen, Apt. 6, 1901 Colby, Red 974.

LUNZER, Stephana, 3102 Broadway, White 768.

MADDEN, A. J., 3301 Norton, Red 1593.

MATHEWS, Nora, 3516 Norton, White 1681.

McBAIN, Mabel E., Windsor Apts., Red 921.

MEEHAN, Vina, 2006 Rucker, Orange 1450.

MELLEMA, Alice, Monte Cristo Hotel, Main 1150.

MELVIN, Belle, Box 481, East 519.

MELVOLD, Lillian S., Monte Cristo Hotel, MA 1150.

MERZ, Maxine, 2006 Rucker, Orange 1450.

MILLER, Hortense, 1112 Pacific, White 694.

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