John Muir Writings

The Writings of John Muir

The Stickeen Stories



• "Stickeen: An Adventure with a Dog and a Glacier", by John Muir - the 1915 (shorter) version

"Stickeen: The Story of a Dog", by John Muir — the 1909 (longer) version, with annotations

Stickeen: An Adventure with a Dog and a Glacier

by John Muir, from Travels in Alaska (1915)

Introduction

by Dan E. Anderson and Harold Wood



In 1880, John Muir made his second trip to Alaska. On this trip he explored Brady Glacier, which empties into Taylor Bay in what is now Glacier Bay National Park, with a friend's dog, Stickeen. Muir was a great story teller and he told this story many times before writing it down in 1909 as a short story at the urging of several of his friends. Stickeen has been ranked as a classic dog story by many who have read it.

The version of Stickeen below is the shorter version that was incorporated in Muir's book Travels in Alaska (1915). See also the longer version of this story, *Stickeen: The Story of a Dog* (1909).

Stickeen

by John Muir

I set off early the morning of August 30 before any one else in camp had stirred, not waiting for breakfast, but only eating a piece of bread. I had intended getting a cup of coffee, but a wild storm was blowing and calling, and I could not wait. Running out against the rain-laden gale and turning to catch my breath, I saw that the minister's little dog had left his bed in the tent and was coming boring through the storm, evidently determined to follow me. I told him to go back, that such a day as this had nothing for him.

"Go back," I shouted, "and get your breakfast." But he simply stood with his head down, and when I began to urge my way again, looking around, I saw he was still following me. So I at last told him to come on if he must and gave him a piece of the bread I had in my pocket.

Instead of falling, the rain, mixed with misty shreds of clouds, was flying in level sheets, and the wind was roaring as I had never heard wind roar before. Over the icy levels and over the woods, on the mountains, over the jagged rocks and spires and chasms of the glacier it boomed and moaned and roared, filling the fiord in even, gray, structureless gloom, inspiring and awful. I first struggled up in the face of the blast to the east end of the ice-wall, where a patch of forest had been carried away by the glacier when it was advancing. I noticed a few stumps well out on the moraine flat, showing that its present bare, raw condition was not the condition of fifty or a hundred years ago. In front of this part of the glacier there is a small moraine lake about half a mile in length, around the margin of which are a considerable number of trees standing knee-deep, and of course dead. This also is a result of the recent advance of the ice.

Pushing through the ragged edge of the woods on the left margin of the glacier, the storm seemed to increase in violence, so that it was difficult to draw breath in facing it; therefore I took shelter back of a tree to enjoy it and await, hoping that it would at last somewhat abate. Here the glacier, descending over an abrupt rock, falls forward in grand cascades, while a stream swollen by the rain was now a torrent, — wind, rain, ice-torrent, and water-torrent in one grand symphony.

At length the storm seemed to abate somewhat, and I took off my heavy rubber boots, with which I had waded the glacial streams on the flat, and laid them with my overcoat on a log, which I might mind them on my way back, knowing I would be drenched anyhow,

and firmly tied my mountain shoes, tightened my belt, shouldered my ice-axe, and, thus free and ready for rough work, pushed on, regardless as possible of mere rain. Making my way up a steep granite slope, its projecting polished bosses encumbered here and there by boulders and the ground and bruised ruins of the ragged edge of the forest that had been uprooted by the glacier during its recent advance, I traced the side of the glacier for two or three miles, finding everywhere evidence of its having encroached on the woods, which here run back along its edge for fifteen or twenty miles. Under the projecting edge of this vast ice-river I could see down beneath it to a depth of fifty feet or so in some places, where logs and branches were bring crushed to pulp, some of it almost fine enough for paper, though most of it stringy and coarse.

After thus tracing the margin of the glacier for three or four miles, I chopped steps and climbed to the top, and as far as the eye could reach, the nearly level glacier stretched indefinitely away in the gray cloudy sky, a prairie of ice. The wind was now almost moderate, though rain continued to fall, which I did not mind, but a tendency to mist in the dropping draggled clouds made me hesitate about attempting to cross to the opposite shore. Although the distance was only six or seven miles, no traces at this rime could be seen of the mountains on the other side, and in case the sky should grow darker, as it seemed inclined to do, I feared that when I got out of sight of land and perhaps into a maze of crevasses I might find difficulty in winning a way back.

Lingering a while and sauntering about in sight of the shore, I found this eastern side of the glacier remarkably free from large crevasses. Nearly all I met were so narrow I could step across them almost anywhere, while the few wide ones were easily avoided by going up or down along their sides to where they narrowed. The dismal cloud ceiling showed rifts here and there, and, thus encouraged, I struck out for the west shore, aiming to strike it five or six miles above the front wall, cautiously taking compass bearings at short intervals to enable me to find my way back should the weather darken again with mist or rain or snow. The structure lines of the glacier itself were, however, my main guide. All went well. I came to a deeply furrowed section about two miles in width where I had to zigzag in long, tedious tacks and make narrow doublings, tracing the edges of wide longitudinal furrows and chasms until I could find a bridge connecting their sides, oftentimes making the direct distance ten times over. The walking was good of its kind, however, and by dint of patient doubling and axe-work on dangerous places, I gained the opposite shore in about three hours, the width of the glacier at this point being about seven miles. Occasionally, while making my way, the clouds lifted a little, revealing a few bald, rough mountains sunk to the throat to the broad, icy sea which encompassed them on all sides, sweeping on forever and forever as we count time, wearing them away, giving them the shape they are destined to take when in the fullness of time they shall be parts of new landscapes.

Ere I lost sight of the east-side mountains, those on the west came in sight, so that holding my course was easy, and, though making haste, I halted for a moment to gaze down into the beautiful pure blue crevasses and to drink at the lovely blue wells, the most beautiful of all Nature's water-basins, or at the rills and streams outspread over the ice-land prairie, never ceasing to admire their lovely color and music as they glided and swirled in their blue crystal channels and potholes, and the rumbling of the moulins, or mills, where streams poured into blue-walled pits of unknown depth, some of them as regularly circular as if bored with augers. Interesting, too, were the cascades over blue cliffs, where streams fell into crevasses or slid almost noiselessly down slopes so, smooth and frictionless their motion was concealed. The round or oval wells, however, from one to ten feet wide, and from one to twenty or thirty feet deep, were perhaps the most beautiful of all, the water so pure as to be almost invisible. My widest views did not probably exceed fifteen miles, the rain and mist making distances seem greater.

On reaching the farther shore and tracing it a few miles to northward, I found a large portion of the glacier-current sweeping out westward in a bold and beautiful curve around the shoulder of a mountain as if going direct to the open sea. Leaving the main trunk, it breaks into a magnificent uproar of pinnacles and spires and up-heaving, splashing wave-shaped masses, a crystal cataract incomparably greater and wilder than a score of Niagaras.

Tracing its channel three or four miles, I found that it fell into a lake, which it fills with bergs. The front of this branch of the glacier is about three miles wide. I first took the lake to be the head of an arm of the sea, but, going down to its shore and tasting it, I found it fresh, and by my aneroid perhaps less than a hundred feet above sea-level. It is probably separated from the sea only by a moraine dam. I had not time to go around its shores, as it was now near five o'clock and I was about fifteen miles from camp, and I had to make haste to recross the glacier before dark, which would come on about eight o'clock. I therefore made haste up to the main glacier, and, shaping my course by compass and the structure lines of the ice, set off from the land out on to the grand crystal prairie again. All was so silent and so concentred, owing to the low dragging mist, the beauty close about me was all the more keenly felt, though tinged with a dim sense of danger, as if coming events were casting shadows. I was soon out of sight of land, and the evening dusk that on cloudy days precedes the real night gloom came stealing on and only ice was in sight, and the only sounds, save the low rumbling of the mills and the rattle of falling stones at long intervals, were the low, terribly earnest moanings of the wind or distant waterfalls coming through the thickening gloom. After two hours of hard work I came to a maze of crevasses of appalling depth and width which could not be passed apparently either up or down. I traced them with firm nerve developed by the danger, making wide jumps, poising cautiously on dizzy edges after cutting footholds, taking wide crevasses at a grand leap at once frightful and inspiring. Many a mile was thus traveled, mostly up and down the glacier, making but little real headway, running much of the time as the danger of having to pass the night on the ice became more and more imminent. This I could do, though with the weather and my rain-soaked condition it would be trying at best. In treading the mazes of this crevassed section I had frequently to cross bridges that were only knife-edges for twenty or thirty feet, cutting off the sharp tops and leaving them flat so that little Stickeen could follow me. These I had to straddle, cutting off the top as I progressed and hitching gradually ahead like a boy riding a rail fence. All this time the little dog followed me bravely, never hesitating on the brink of any crevasse that I had jumped, but now that it was becoming dark and the crevasses became more troublesome, he followed close at my heels instead of scampering far and wide, where the ice was at all smooth, as he had in the forenoon. No land was now in sight. The mist fell lower and darker and snow began to fly. I could not see far enough up and down the glacier to judge how best to work out of the bewildering labyrinth, and how hard I tried while there was yet hope of reaching camp that night! a hope which was fast growing dim like the sky. After dark, on such ground, to keep from freezing, I could only jump up and down until morning on a piece of flat ice between the crevasses, dance to the boding music of the winds and waters, and as I was already tired and hungry I would be in bad condition for such ice work. Many times I was put to my mettle, but with a firm-braced nerve, all the more unflinching as the dangers thickened, I worked out of that terrible ice-web, and with blood fairly up Stickeen and I ran over common danger without fatigue. Our very hardest trial was in getting across the very last of the sliver bridges. After examining the first of the two widest crevasses, I followed its edge half a mile or so up and down and discovered that its narrowest spot was about eight feet wide, which was the limit of what I was able to jump. Moreover, the side I was on — that is, the west side — was about a foot higher then the other, and I feared that in case I should be stopped by a still wider impassable crevasse ahead that I would hardly be able to take back that jump from its lower side. The ice beyond, however, as far as I could see it, looked temptingly smooth. Therefore, after carefully making a socket on my foot on the rounded brink, I jumped, but found that I had nothing to spare and more than ever dreaded having to retrace my way. Little Stickeen jumped this, however, without apparently taking a second look at it, and we ran ahead joyfully over smooth, level ice, hoping we were now leaving all danger behind us. But hardly had we gone a hundred or two yards when to our dismay we found ourselves on the very widest of all the longitudinal crevasses we had yet encountered. It was about forty feet wide. I ran anxiously up the side of it to northward, eagerly hoping that I could get around its head, but my worst fears were realized when at a distance of about a mile or less it ran into the crevasse that I had just jumped. I then ran down the edge for a mile or more below the point where I had first met it, and found that its lower end also united with the crevasse I had jumped, showing dismally that we were on an island two or three hundred yards wide and about two miles long and the only way of escape from this island was by turning back and jumping again that crevasse which I dreaded, or venturing ahead across the giant crevasse by the very worst of the sliver bridges I had ever seen. It was so badly weathered and melted down that it formed a knife-edge, and extended across from side to side in a low, drooping curve like that made by a loose rope attached at each end at the same height. But the worst difficulty was that the ends of the down-curving sliver were attached to the sides at a depth of about eight or ten feet below the surface of the glacier. Getting down to the end of the bridge, and then after crossing it getting up the other side, seemed hardly possible. However, I decided to dare the dangers of the fearful sliver rather than to attempt to retrace my steps. Accordingly I dug a low groove in the rounded edge for my knees to rest in and, leaning over, began to cut a narrow foothold on the steep, smooth side. When I was doing this, Stickeen came up behind me, pushed his head over my shoulder, looked into the crevasses and along the narrow knife-edge, then turned and looked in my face, muttering and whining as if trying to say, "Surely you are not going down there." I said, "Yes, Stickeen, this is the only way." He then began to cry and ran wildly along the rim of the crevasse, searching for a better way, then, returning baffled, of course, he came behind me and lay down and cried louder and louder.

After getting down one step I cautiously stooped and cut another and another in succession until I reached the point where the sliver was attached to the wall. There, cautiously balancing, I chipped down the upcurved end of the bridge until I had formed a small level platform about a foot wide, then, bending forward, got astride of the end of the sliver, steadied myself with my knees, then cut off the top of the sliver, hitching myself forward an inch or two at a time, leaving it about four inches wide for Stickeen. Arrived at the farther end of the sliver, which was about seventy-five feet long, I chipped another little platform on its upcurved end, cautiously rose to my feet, and with infinite pains cut narrow notch steps and finger-holds in the wall and finally got safely across. All this dreadful time poor little Stickeen was crying as if his heart was broken, and when I called to him in as reassuring a voice as I could muster, he only cried the louder, as if trying to say that he never, never could get down there — the only time that the brave little fellow appeared to know what danger was. After going away as if I was leaving him, he still howled and cried without venturing to try to follow me. Returning to the edge of the crevasse, I told him that I must go, that he could come if he only tried, and finally in despair he hushed his cries, slid his little feet slowly down into my footsteps out on the big sliver, walked slowly and cautiously along the sliver as if holding his breath, while the snow was falling and the wind was moaning and threatening to blow him off. When he arrived at the foot of the slope below me, I was kneeling on the brink ready to assist him in case he should be unable to reach the top. He looked up along the row of notched steps I had made, as if fixing them in his mind, then with a nervous spring he whizzed up and passed me out on to the level ice, and ran and cried and barked and rolled about fairly hysterical in the sudden revulsion from the depth of despair to triumphant joy. I tried to catch him and pet him and tell him how good and brave he was, but he would not be caught. He ran round and round, swirling like autumn leaves in an eddy, lay down and rolled head over heels. I told him we still had far to go and that we must now stop all nonsense and get off the ice before dark. I knew by the ice-lines that every step was now taking me nearer the shore and soon it came in sight. The headland four or five miles back from the front, covered with spruce trees, loomed faintly but surely through the mist and light fall of snow not more than two miles away. The ice now proved good all the way across, and we reached the lateral moraine just at dusk, then with trembling limbs, now that the danger was over, we staggered and stumbled down the bouldery edge of the glacier and got over the dangerous rocks by the cascades while yet a faint light lingered. We were safe, and then, too, came limp weariness such as no ordinary work ever produces, however hard it may be. Wearily we stumbled down through the woods, over logs and brush and roots, devil's-clubs pricking us at every faint blundering tumble. At last we got out on the smooth mud slope with only a mile of slow but sure dragging of weary limbs to camp. The Indians had been firing guns to guide me and had a fine supper and fire ready, though fearing they would be compelled to seek us in the morning, a care not often applied to me. Stickeen and I were too tired to eat much, and, strange to say, too tired, sleep. Both of us springing up in the night again and again, fancied we were still on that dreadful ice bridge in the shadow of death.

Nevertheless, we arose next morning in newness of life. Never before had rocks and ice and trees seemed so beautiful and wonderful, even the cold, biting rainstorm that was blowing seemed full of loving-kindness, wonderful compensation for all that we had endured, and we sailed down the bay through the gray, driving rain rejoicing.

Source: "Stickeen: An Adventure with a Dog and a Glacier", in John Muir's Travels in Alaska (Boston: Houghton Mifflin, 1915); introduction copyright © 1995 Dan E. Anderson. Last updated 2 December 1995.

Stickeen: The Story of a Dog — the 1909 (longer) version, with annotations (file size = 54 kilobytes)

Stickeen: The Story of a Dog

by John Muir (1909)

Introduction

by Dan A. Anderson and Harold Wood



In 1880, John Muir made his second trip to Alaska. On this trip he explored Brady Glacier, which empties into Taylor Bay in what is now Glacier Bay National Park, with a friend's dog, Stickeen. Muir was a great story teller and he told this story many times before writing it down in 1909 as a short story at the urging of several of his friends. Stickeen has been ranked as a classic dog story by many who have read it.

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STICKEEN BY JOHN MUIR 1909

TO HELEN MUIR Lover of wildness this icy storm-story is affectionately dedicated

In the summer of 1880 I set out from Fort Wrangell in a canoe to continue the exploration of the icy region of southeastern Alaska, begun in the fall of 1879. After the necessary provisions, blankets, etc., had been collected and stowed away, and my Indian crew were in their places ready to start, while a crowd of their relatives and friends on the wharf were bidding them good-by and good-luck, my companion, the Rev. S. H. Young, for whom we were waiting, at last came aboard, followed by a little black dog, that immediately made himself at home by curling up in a hollow among the baggage. I like dogs, but this one seemed so small and worthless that I objected to his going, and asked the missionary why he was taking him.

"Such a little helpless creature will only be in the way," I said; "you had better pass him up to the Indian boys on the wharf, to be taken home to play with the children. This trip is not likely to be good for toy-dogs. The poor silly thing will be in rain and snow for weeks or months, and will require care like a baby." But his master assured me that he would be no trouble at all; that he was a perfect wonder of a dog, could endure cold and hunger like a bear, swim like a seal, and was wondrous wise and cunning, etc., making out a list of virtues to show he might be the most interesting member of the party.

Nobody could hope to unravel the lines of his ancestry. In all the wonderfully mixed and varied dog-tribe I never saw any creature very much like him, though in some of his sly, soft, gliding motions and gestures he brought the fox to mind. He was short-legged and bunch-bodied, and his hair, though smooth, was long and silky and slightly waved, so that when the wind was at his back it ruffled, making him look shaggy. At first sight his only noticeable feature was his fine tail, which was about as airy and shady as a squirrel's, and was carried curling forward almost to his nose. On closer inspection you might notice his thin sensitive ears, and sharp eyes with cunning tan-spots above them. Mr. Young told me that when the little fellow was a pup about the size of a woodrat he was presented to his wife by an Irish prospector at Sitka, and that on his arrival at Fort Wrangell he was adopted with enthusiasm by the Stickeen Indians as a sort of new good-luck totem, was named "Stickeen" for the tribe, and became a universal favorite; petted, protected, and admired wherever he went, and regarded as a mysterious fountain of wisdom.

On our trip he soon proved himself a queer character—odd, concealed, independent, keeping invincibly quiet, and doing many little puzzling things that piqued my curiosity. As we sailed week after week through the long intricate channels and inlets among the innumerable islands and mountains of the coast, he spent most of the dull days in sluggish ease, motionless, and apparently as unobserving as if in deep sleep. But I discovered that somehow he always knew what was going on. When the Indians were about to shoot at ducks or seals, or when anything along the shore was exciting our attention, he would rest his chin on the edge of the canoe and calmly look out like a dreamy-eyed tourist. And when he heard us talking about making a landing, he immediately roused himself to see what sort of a place we were coming to, and made ready to jump overboard and swim ashore as soon as the canoe neared the bench. Then, with a vigorous shake to get rid of the brine in his hair, he ran into the woods to hunt small game. But though always the first out of the canoe, he was always the last to get into it. When we were ready to start he could never be found, and refused to come to our call. We soon found out, however, that though we could not see him at such times, he saw us, and from the cover of the briers and huckleberry bushes in the fringe of the woods was watching the canoe with wary eye. For as soon as we were fairly off he came trotting down the beach, plunged into the surf, and swam after us, knowing well that we would cease rowing and take him in. When the contrary little vagabond came alongside, he was lifted by the neck, held at arm's length a moment to drip, and dropped aboard. We tried to cure him

of this trick by compelling him to swim a long way, as if we had a mind to abandon him; but this did no good; the longer the swim the better he seemed to like it.

Though capable of great idleness, he never failed to be ready for all sorts of adventures and excursions. One pitch-dark rainy night we landed about ten o'clock at the mouth of a salmon stream when the water was phosphorescent. The salmon were running, and the myriad fins of the onrushing multitude were churning all the stream into a silvery glow, wonderfully beautiful and impressive in the ebon darkness. To get a good view of the show I set out with one of the Indians and sailed up through the midst of it to the foot of a rapid about half a mile from camp, where the swift current dashing over rocks made the luminous glow most glorious. Happening to look back down the stream, while the Indian was catching a few of the struggling fish, I saw a long spreading fan of light like the tail of a comet, which we thought must be made by some big strange animal that was pursuing us. On it came with its magnificent train, until we imagined we could see the monster's head and eyes; but it was only Stickeen, who, finding I had left the camp, came swimming after me to see what was up.

When we camped early, the best hunter of the crew usually went to the woods for a deer, and Stickeen was sure to be at his heels, provided I had not gone out. For, strange to say, though I never carried a gun, he always followed me, forsaking the hunter and even his master to share my wonderings. The days that were too stormy for sailing I spent in the woods, or on the adjacent mountains, wherever my studies called me; and Stickeen always insisted on going with me, however wild the weather, gliding like a fox through dripping huckleberry bushes and thorny tangles of panax and rubus, scarce stirring their rain-laden leaves; wading and wallowing through snow, swimming icy streams, skipping over logs and rocks and the crevasses of glaciers with the patience and endurance of a determined mountaineer, never tiring or getting discouraged. Once he followed me over a glacier the surface of which was so crusty and rough that it cut his feet until every step was marked with blood; but he trotted on with Indian fortitude until I noticed his red track, and, taking pity on him, made him a set of moccasins out of a handkerchief. However great his troubles he never asked help or made any complaint, as if, like a philosopher, he had learned that without hard work and suffering there could be no pleasure worth having.

Yet none of us was able to make out what Stickeen was really good for. He seemed to meet danger and hardships without anything like reason, insisted on having his own way, never obeyed an order, and the hunter could never set him on anything, or make him fetch the birds he shot. His equanimity was so steady it seemed due to want of feeling; ordinary storms were pleasures to him, and as for mere rain, he flourished in it like a vegetable. No matter what advances you might make, scarce a glance or a tail-wag would you get for your pains. But though he was apparently as cold as a glacier and about as impervious to fun, I tried hard to make his acquaintance, guessing there must be something worth while hidden beneath so much courage, endurance, and love of wild-weathery adventure. No superannuated mastiff or bulldog grown old in office surpassed this fluffy midget in stoic dignity. He sometimes reminded me of a small, squat, unshakable desert cactus. For he never displayed a single trace of the merry, tricksy, elfish fun of the terriers and collies that we all know, nor of their touching affection and devotion. Like children, most small dogs beg to be loved and allowed to love; but Stickeen seemed a very Diogenes, asking only to be let alone: a true child of the wilderness, holding the even tenor of his hidden life with the silence and serenity of nature. His strength of character lay in his eyes. They looked as old as the hills, and as young, and as wild. I never tired of looking into them: it was like looking into a landscape; but they were small and rather deep-set, and had no explaining lines around them to give out particulars. I was accustomed to look into the faces of plants and animals, and I watched the little sphinx more and more keenly as an interesting study. But there is no estimating the wit and wisdom concealed and latent in our lower fellow mortals until made manifest by profound experiences; for it is through suffering that dogs as well as saints are developed and made perfect.

After exploring the Sum Dum and Tahkoo fiords and their glaciers, we sailed through Stephen's Passage into Lynn Canal and thence through Icy Strait into Cross Sound, searching for unexplored inlets leading toward the great fountain ice-fields of the Fairweather Range. Here, while the tide was in our favor, we were accompanied by a fleet of icebergs drifting out to the ocean from Glacier Bay. Slowly we paddled around Vancouver's Point, Wimbledon, our frail canoe tossed like a feather on the massive heaving swells coming in past Cape Spenser. For miles the sound is bounded by precipitous mural cliffs, which, lashed with wave-spray and their heads hidden in clouds, looked terribly threatening and stern. Had our canoe been crushed or upset we could have made no landing here, for the cliffs, as high as those of Yosemite, sink sheer into deep water. Eagerly we scanned the wall on the north side for the first sign of an opening fiord or harbor, all of us anxious except Stickeen, who dozed in peace or gazed dreamily at the tremendous precipices when he heard us talking about them. At length we made the joyful discovery of the mouth of the inlet now called "Taylor Bay," and about five o'clock reached the head of it and encamped in a Spruce grove near the front of a large glacier.

While camp was being made, Joe the hunter climbed the mountain wall on the east side of the fiord in pursuit of wild goats, while Mr. Young and I went to the glacier. We found that it is separated from the waters of the inlet by a tide-washed moraine, and extends, an abrupt barrier, all the way across from wall to wall of the inlet, a distance of about three miles. But our most interesting discovery was that it had recently advanced, though again slightly receding. A portion of the terminal moraine had been plowed up and shoved forward, uprooting and overwhelming the woods on the east side. Many of the trees were down and buried, or nearly so, others were leaning away from the ice-cliffs, ready to fall, and some stood erect, with the bottom of the ice plow still beneath their roots and its lofty crystal spires towering huge above their tops. The spectacle presented by these century-old trees standing close beside a spiry wall of ice, with their branches almost touching it, was most novel and striking. And when I climbed around the front, and a little way up the west side of the glacier, I found that it had swelled and increased in height and width in accordance with its advance, and carried away the outer ranks of trees on its bank.

On our way back to camp after these first observations I planned a far-and-wide excursion for the morrow. I awoke early, called not only by the glacier, which had been on my mind all night, but by a grand flood-storm. The wind was blowing a gale from the north and the rain was flying with the clouds in a wide passionate horizontal flood, as if it were all passing over the country instead of falling on it. The main perennial streams were booming high above their banks, and hundreds of new ones, roaring like the sea, almost covered the lofty gray walls of the inlet with white cascades and falls. I had intended making a cup of coffee and getting something like a breakfast before starting, but when I heard the storm and looked out I made haste to join it; for many of Nature's finest lessons are to be found in her storms, and if careful to keep in right relations with them, we may go safely abroad with them, rejoicing in the grandeur and beauty of their works and ways, and chanting with the old Norsemen, "The blast of the tempest aids our oars, the hurricane is our servant and drives us whither we wish to go." So, omitting breakfast, I put a piece of bread in my pocket and hurried away. Mr. Young and the Indian were asleep, and so, I hoped, was Stickeen; but I had not gone a dozen rods before he left his bed in the tent and came boring through the blast after me. That a man should welcome storms for their exhilarating music and motion, and go forth to see God making landscapes, is reasonable enough; but what fascination could there be in such tremendous weather for a dog? Surely nothing akin to human enthusiasm for scenery or geology. Anyhow, on he came, breakfastless, through the choking blast. I stopped and did my best to turn him back. "Now don't," I said, shouting to make myself heard in the storm. "now don't, Stickeen. What has got into your queer noddle now? You must be daft. This wild day has nothing for you. There is no game abroad, nothing but weather. Go back to camp and keep warm, get a good breakfast with your master, and be sensible for once. I can't carry you all day or feed you, and this storm will kill you."

But Nature, it seems, was at the bottom of the affair, and she gains her ends with dogs as well as with men, making us do as she likes, shoving and pulling us along her ways, however rough, all but killing us at times in getting her lessons driven hard home. After I had stopped again and again, shouting good warning advice, I saw that he was not to be shaken off; as well might the earth try to shake off the moon. I had once led his master into trouble, when he fell on one of the topmost jags of a mountain and dislocated his arm; now the turn of his humble companion was coming. The pitiful wanderer just stood there in the wind, drenched and blinking, saying doggedly, "Where thou goest I will go." So at last I told him to come on if he must, and gave him a piece of the bread I had in my pocket; then we struggled on together, and thus began the most memorable of all my wild days.

The level flood, driving hard in our faces, thrashed and washed us wildly until we got into the shelter of a grove on the east side of the glacier near the front, where we stopped awhile for breath and to listen and look out. The exploration of the glacier was my main object, but the wind was too high to allow excursions over its open surface, where one might be dangerously shoved while balancing for a jump on the brink of a crevasse. In the mean time the storm was a fine study. There the end of the glacier, descending an abrupt swell of resisting rock about five hundred feet high, leans forward and falls in ice-cascades. And as the storm came down the glacier from the north, Stickeen and I were beneath the main current of the blast, while favorably located to see and hear it. What a psalm the storm was singing, and how fresh the smell of the washed earth and leaves, and how sweet the still small voices of the storm! Detached wafts and swirls were coming through the woods, with music from the leaves and branches and furrowed boles, and even from the splintered rocks and ice-crags overhead, many of the tones soft and low and flute-like, as if each leaf and tree, crag and spire were a tuned reed. A broad torrent, draining the side of the glacier, now swollen by scores of new streams from the mountains, was rolling boulders along its rocky channel, with thudding, bumping, muffled sounds, rushing toward the bay with tremendous energy, as if in haste to get out of the mountains; the winters above and beneath calling to each other, and all to the ocean, their home.

Looking southward from our shelter, we had this great torrent and the forested mountain wall above it on our left, the spiry ice-crags on our right, and smooth gray gloom ahead. I tried to draw the marvelous scene in my note-book, but the rain blurred the page in spite of all my pains to shelter it, and the sketch was almost worthless. When the wind began to abate, I traced the east side of the glacier. All the trees standing on the edge of the woods were barked and bruised, showing high-ice mark in a very telling way, while tens of thousands of those that had stood for centuries on the bank of the glacier farther out lay crushed and being crushed. In many places I could see down fifty feet or so beneath the margin of the glacier-mill, where trunks from one to two feet in diameter here being ground to pulp against outstanding rock-ribs and bosses of the bank.

About three miles above the front of the glacier I climbed to the surface of it by means of axe-steps made easy for Stickeen. As far as the eye could reach, the level, or nearly level, glacier stretched away indefinitely beneath the gray sky, a seemingly boundless prairie of ice. The rain continued, and grew colder, which I did not mind, but a dim snowy look in the drooping clouds made me hesitate about venturing far from land. No trace of the west shore was visible, and in case the clouds would settle and give snow, or the wind again become violent. I feared getting caught in a tangle of crevasses. Snow-crystals, the flowers of the mountain clouds, are frail, beautiful things, but terrible then flying on storm-winds in darkening, benumbing swarms or when welded together into glaciers full of deadly crevasses. Watching the weather, I sauntered about on the crystal sea. For a mile or so out I found the ice remarkably safe. The marginal crevasses mere mostly narrow, while the few wider ones were easily avoided by passing around them, and the clouds began to open here and there.

Thus encouraged, I at last pushed out for the other side; for Nature can make us do anything she likes. At first we made rapid progress, and the sky was not very threatening, while I took bearings occasionally with a pocket compass to enable me to find my way back more surely in case the storm should become blinding; but the structure lines of the glacier were my main guide. Toward the west side we came to a closely crevassed section in which we had to make long, narrow tacks and doublings, tracing the edges of tremendous traverse and longitudinal crevasses, many of which were from twenty to thirty feet wide, and perhaps a thousand feet deep—beautiful and awful. In working a way through them I was severely cautious, but Stickeen came on as unhesitating as the flying clouds. The widest crevasse that I could jump he would leap without so much as halting to take a look at it. The weather was now making quick changes, scattering bits of dazzling brightness through the wintry gloom at rare intervals, when the sun broke forth wholly free, the glacier was seen from shore to shore with a bright array of encompassing mountains partly revealed, wearing the clouds as garments, while the prairie bloomed and sparkled with irised light from myriads of washed crystals. Then suddenly all the glorious show would be darkened and blotted out.

Stickeen seemed to care for none of these things, bright or dark, nor for the crevasses, wells, moulins, or swift flashing streams into which he might fall. The little adventurer was only about two years old, yet nothing seemed novel to him. Nothing daunted him. He showed neither caution nor curiosity, wonder nor fear, but bravely trotted on as if glaciers were playgrounds. His stout, muffled body seemed all one skipping muscle, and it was truly wonderful to see how swiftly and to all appearance heedlessly he flashed across nerve-trying chasms six or eight feet wide. His courage was so unwavering that it seemed to be due to dullness of perception, as if he were only blindly bold; and I kept warning him to be careful. For we had been close companions on so many wilderness trips that I had formed the habit of talking to him as if he were a boy and understood every word.

We gained the west shore in about three hours; the width of the glacier here being about seven miles. Then I pushed northward in order to see as far back as possible into the fountains of the Fairweather Mountains, in case the clouds should rise. The walking was easy along the margin of the forest, which, of course, like that on the other side, had been invaded and crushed by the swollen, overflowing glacier. In an hour or so, after passing a massive headland, we came suddenly on a branch of the glacier, which, in the form of a magnificent ice-cascade two miles wide, was pouring over the rim of the main basin in a westerly direction, its surface broken into wave-shaped

blades and shattered blocks, suggesting the wildest updashing, heaving, plunging motion of a great river cataract. Tracing it down three or four miles, I found that it discharged into a lake, filling it with icebergs.

I would gladly have followed the lake outlet to tide-water, but the day was already far spent, and the threatening sky called for haste on the return trip to get off the ice before dark. I decided therefore to go no farther and, after taking a general view of the wonderful region, turned back, hoping to see it again under more favorable auspices. We made good speed up the cañon of the great ice-torrent, and out on the main glacier until we had left the west shore about two miles behind us. Here we got into a difficult network of crevasses, the gathering clouds began to drop misty fringes, and soon the dreaded snow came flying thick and fast. I now began to feel anxious about finding a way in the blurring storm. Stickeen showed no trace of fear. He was still the same silent, able little hero. I noticed, however, that after the storm-darkness came on he kept close up behind me. The snow urged us to make still greater haste, but at the same time hid our way. I pushed on as best I could, jumping innumerable crevasses, and for every hundred rods or so of direct advance traveling a mile in doubling up and down in the turnoil of chasms and dislocated ice-blocks. After an hour or two of this work we came to a series of longitudinal crevasses of appalling width, and almost straight and regular in trend, like immense furrows. These I traced with firm nerve, excited and strengthened by the danger, making wide jumps, poising cautiously on their dizzy edges after cutting hollows for my feet before making the spring, to avoid possible slipping or any uncertainty on the farther sides, where only one trial is granted—exercise at once frightful and inspiring. Stickeen followed seemingly without effort.

Many a mile we thus traveled, mostly up and down, making but little real headway in crossing, running instead of walking most of the time as the danger of being compelled to spend the night on the glacier became threatening. Stickeen seemed able for anything. Doubtless we could have weathered the storm for one night, dancing on a flat spot to keep from freezing, and I faced the threat without feeling anything like despair; but we were hungry and wet, and the wind from the mountains was still thick with snow and bitterly cold, so of course that night would have seemed a very long one. I could not see far enough through the blurring snow to judge in which general direction the least dangerous route lay, while the few dim, momentary glimpses I caught of mountains through rifts in the flying clouds were far from encouraging either as weather signs or as guides. I had simply to grope my way from crevasse to crevasse, holding a general direction by the ice-structure, which was not to be seen everywhere, and partly by the wind. Again and again I was put to my mettle, but Stickeen followed easily, his nerve apparently growing more unflinching as the danger increased. So it always is with mountaineers when hard beset. Running hard and jumping, holding every minute of the remaining daylight, poor as it was, precious, we doggedly persevered and tried to hope that every difficult crevasse we overcame would prove to be the last of its kind. But on the contrary, as we advanced they became more deadly trying.

At length our way was barred by a very wide and straight crevasse, which I traced rapidly northward a mile or so without finding a crossing or hope of one; then down the glacier about as far, to where it united with another uncrossable crevasse. In all this distance of perhaps two miles there was only one place where I could possibly jump it, but the width of this jump was the utmost I dared attempt, while the danger of slipping on the farther side was so great that I was loath to try it. Furthermore, the side I was on was about a foot higher than the other, and even with this advantage the crevasse seemed dangerously wide. One is liable to underestimate the width of the edge on the farther side, until I thought that I could jump it if necessary, but that in case I should be compelled to jump back from the lower side I might fail. Now, a cautious mountaineer seldom takes a step on unknown ground which seems at all dangerous that he cannot retrace in case he should be stopped by unseen obstacles ahead. This is the rule of mountaineers who live long, and, though in haste, I compelled myself to sit down and calmly deliberate before I broke it.

Retracing my devious path in imagination as if it were drawn on a chart, I saw that I was recrossing the glacier a mile or two farther up stream than the course pursued in the morning, and that I was now entangled in a section I had not before seen. Should I risk this dangerous jump, or try to regain the woods on the west shore, make a fire, and have only hunger to endure while waiting for a new day! I had already crossed so broad a stretch of dangerous ice that I saw it would be difficult to get back to the woods through the storm, before dark, and the attempt would most likely result in a dismal night-dance on the glacier; while just beyond the present barrier the surface seemed more promising, and the east shore was now perhaps about as near as the west. I was therefore eager to go on. But this wide jump was a dreadful obstacle.

At length, because of the dangers already behind me, I determined to venture against those that might he ahead, jumped and landed well, but with so little to spare that I more than ever dreaded being compelled to take that jump back from the lower side. Stickeen followed, making nothing of it, and we ran eagerly forward, hoping we were leaving all our troubles behind. But within the distance of a few hundred yards we were stopped by the widest crevasse yet encountered. Of course I made haste to explore it, hoping all might yet be remedied by finding a bridge or a way around either end. About three fourths of a mile up stream I found that it united with the one we had just crossed, as I feared it would. Then, tracing it down, I found it joined the same crevasse at the lower end also, maintaining throughout its whole course a width of forty to fifty feet. Thus to my dismay I discovered that we were on a narrow island about two miles long, with two barely possible ways to escape: one back by the way we came, the other ahead by an almost inaccessible sliver-bridge that crossed the great crevasse from near the middle of it!

After this nerve-trying discovery I ran back to the sliver-bridge and cautiously examined it. Crevasses, caused by strains from variations in the rate of motion of different parts of the glacier and convexities in the channel, are mere cracks when they first open, so narrow as hardly to admit the blade of a pocket-knife, and gradually widen according to the extent of the strain and the depth of the glacier. Now some of these cracks are interrupted, like the cracks in wood, and in the opening the strip of ice between overlapping ends is dragged out, and may maintain a continuous connection between the side, just as the two sides of a slivered crack in wood that is being split are connected. Some crevasses remain open for months or even years, and by the melting of their sides continue to increase in width long after the opening strain has ceased; while the sliver-bridges, level on top at first and perfectly safe, are at length melted to thin, vertical, knife-edged blades, the upper portion being most exposed to the weather; and since the exposure is greatest in the middle. they at length curve downward like the cables of suspension bridges. This one was evidently very old, for it had been weathered and wasted until it was the most dangerous and inaccessible that ever lay in my way. The width of the crevasse was here about fifty feet, and the sliver crossing diagonally was about seventy feet long; its thin knife-edge near the middle was depressed twenty-five or thirty feet below the level of the glacier, and the up-curving ends were attached to the sides eight or ten feet below the brink. Getting down the nearly

vertical wall to the end of the sliver and up the other side were the main difficulties, and they seemed all but insurmountable. Of the many perils encountered in my years of wandering on mountains and glaciers none seemed so plain and stern and merciless as this. And it was presented when we were wet to the skin and hungry, the sky dark with quick driving snow, and the night near. But we were forced to face it. It was a tremendous necessity.

Beginning, not immediately above the sunken end of the bridge, but a little to one side, I cut a deep hollow on the brink for my knees to rest in. Then, leaning over, with my short-handled axe I cut a step sixteen or eighteen inches below, which on account of the sheerness of the wall was necessarily shallow. That step, however, was well made; its floor sloped slightly inward and formed a good hold for my heels. Then, slipping cautiously upon it, and crouching as low as possible, with my left side toward the wall, I steadied myself against the wind with my left hand in a slight notch, while with the right I cut other similar steps and notches in succession, guarding against losing balance by glinting of the axe, or by wind-gusts, for life and death were in every stroke and in the niceness of finish of every foothold.

After the end of the bridge was reached I chipped it down until I had made a level platform six or eight inches wide, and it was a trying thing to poise on this little slippery platform while bending over to get safely astride of the sliver. Crossing was then comparatively easy by chipping off the sharp edge with short, careful strokes, and hitching forward an inch or two at a time, keeping my balance with my knees pressed against the sides. The tremendous abyss on either hand I studiously ignored. To me the edge of that blue sliver was then all the world. But the most trying part of the adventure, after working my way across inch by inch and chipping another small platform, was to rise from the safe position astride and to cut a step-ladder in the nearly vertical face of the wall,—chipping, climbing, holding on with feet and fingers in mere notches. At such times one's whole body is eye. and common skill and fortitude are replaced by power beyond our call or knowledge. Never before had I been so long under deadly strain. How I got up that cliff I never could tell. The thing seemed to have been done by somebody else. I never have held death in contempt, though in the course of my explorations I have oftentimes felt that to meet one's fate on a noble mountain, or in the heart of a glacier, would be blessed as compared with death from disease, or from some shabby lowland accident. But the best death, quick and crystal-pure, set so glaringly open before us, is hard enough to face, even though we feel gratefully sure that we have already had happiness enough for a dozen lives.

But poor Stickeen, the wee, hairy, sleekit beastie, think of him! When I had decided to dare the bridge, and while I was on my knees chipping a hollow on the rounded brow above it, he came behind me, pushed his head past my shoulder, looked down and across, scanned the sliver and its approaches with his mysterious eyes, then looked me in the face with a startled air of surprise and concern, and began to mutter and whine; saying as plainly as if speaking with words, "Surely, you are not going into that awful place." This was the first time I had seen him gaze deliberately into a crevasse, or into my face with an eager, speaking, troubled look. That he should have recognized and appreciated the danger at the first glance showed wonderful sagacity. Never before had the daring midget seemed to know that ice was slippery or that there was any such thing as danger anywhere. His looks and tones of voice when he began to complain and speak his fears were so human that I unconsciously talked to him in sympathy as I would to a frightened boy, and in trying to calm his fears perhaps in some measure moderated my own. "Hush your fears, my boy," I said, " we will get across safe, though it is not going to be easy. No right way is easy in this rough world. We must risk our lives to save them. At the worst we can only slip, and then how grand a grave we will have, and by our nice bones will do good in the terminal moraine."

But my sermon was far from reassuring him: he began to cry, and after taking another piercing look at the tremendous gulf, ran away in desperate excitement, seeking some other crossing. By the time he got back, baffled of course, I had made a step or two. I dared not look back, but he made himself heard; and when he saw that I was certainly bent on crossing he cried aloud in despair. The danger was enough to haunt anybody, but it seems wonderful that he should have been able to weight and appreciate it so justly. No mountaineer could have seen it more quickly or judged it more wisely, discriminating between real and apparent peril.

When I gained the other side, he screamed louder than ever, and after running back and forth in vain search for a way of escape, he would return to the brink of the crevasse above the bridge, moaning and wailing as if in the bitterness of death. Could this be the silent, philosophic Stickeen? I shouted encouragement, telling him the bridge was not so bad as it looked, that I had left it flat and safe for his feet, and he could walk it easily. But he was afraid to try. Strange so small an animal should be capable of such big, wise fears. I called again and again in a reassuring tone to come on and fear nothing; that he could come if he would only try. He would hush for a moment, look down again at the bridge, and shout his unshakable conviction that he could never, never come that way; then lie back in despair, as if howling, "O-o-oh! what a place! No-o-o, I can never go-o-o down there!" His natural composure and courage had vanished utterly in a tumultuous storm of fear. Had the danger been less, his distress would have seemed ridiculous. But in this dismal, merciless abyss lay the shadow of death, and his heart-rending cries might well have called Heaven to his help. Perhaps they did. So hidden before, he was now transparent, and one could see the workings of his heart and mind like the movements of a clock out of its case. His voice and gestures, hopes and fears, were so perfectly human that none could mistake them; while he seemed to understand every word of mine. I was troubled at the thought of having to leave him out all night, and of the danger of not finding him in the morning. It seemed impossible to get him to venture. To compel him to try through fear of being abandoned, I started off as if leaving him to his fate, and disappeared back of a hummock; but this did no good; he only lay down and moaned ill utter hopeless misery. So, after hiding a few minutes, I went back to the brink of the crevasse and in a severe tone of voice shouted across to him that now I must certainly leave him, I could wait no longer, and that, if he would not come, all I could promise was that I would return to seek him next day. I warned him that if he went back to the woods the wolves would kill him, and finished by urging him once more by words and gestures to come on, come on.

He knew very well what I meant, and at last, with the courage of despair, hushed and breathless, he crouched down on the brink in the hollow I had made for my knees, pressed his body against the ice as if trying to get the advantage of the friction of every hair, gazed into the first step, put his little feet together and slid them slowly, slowly over the edge and down into it, bunching all four in it and almost standing on his head. Then, without lifting his feet, as well as I could see through the snow, he slowly worked them over the edge of the step and down into the next and the next in succession in the same way, and gained the end of the bridge. Then, lifting his feet with the regularity and slowness of the vibrations of a seconds pendulum, as if counting and measuring *one-two-three*, holding himself steady against the gusty wind, and giving separate attention to each little step, he gained the foot of the cliff, while I was on my knees leaning over to give him a lift should he succeed in getting within reach of my arm. Here he halted in dead silence, and it was here I feared he might fail, for dogs are poor climbers. I had no cord. If I had had one, I would have dropped a noose over his head and hauled him up. But while I was thinking whether an available cord might be made out of clothing, he was looking keenly into the

series of notched steps and finger-holds I had made, as if counting them, and fixing the position of each one of them in his mind. Then suddenly up he came in a springy rush, hooking his paws into the steps and notches so quickly that I could not see how it was done, and whizzed past my head, safe at last!

And now came a scene! "Well done, well done, little boy! Brave boy!" I cried, trying to catch and caress him; but he would not be caught. Never before or since have I seen anything like so passionate a revulsion from the depths of despair to exultant, triumphant, uncontrollable joy. He flashed and darted hither and thither as if fairly demented, screaming and shouting, swirling round and round in giddy loops and circles like a leaf in a whirlwind, lying down, and rolling over and over, sidewise and heels over head, and pouring forth a tumultuous flood of hysterical cries and sobs and gasping mutterings. When I ran up to him to shake him, fearing he might die of joy, he flashed off two or three hundred yards, his feet in a mist of motion; then, turning suddenly, came back in a wild rush and launched himself at my face, almost knocking me down. all the while screeching and screaming and shouting as if saying, "Saved! saved!" Then away again, dropping suddenly at times with his feet in the air, trembling and fairly sobbing. Such passionate emotion was enough to kill him. Moses' stately song of triumph after escaping the Egyptians and the Red Sea was nothing to it. Who could have guessed the capacity of the dull, enduring little fellow for all that most stirs this mortal frame? Nobody could have helped crying with him!

But there is nothing like work for toning down excessive fear or joy. So I ran ahead, calling him in as gruff a voice as I could command to come on and stop his nonsense, for we had far to go and it would soon he dark. Neither of us feared another trial like this. Heaven would surely count one enough for a lifetime. The ice ahead was gashed by thousands of crevasses, but they were common ones. The joy of deliverance burned in us like fire, and we ran without fatigue, every muscle with immense rebound glorying in its strength. Stickeen flew across everything in his way, and not till dark did he settle into his normal fox-like trot. At last the cloudy mountains came in sight, and we soon felt the solid rock beneath our feet, and were safe. Then came weakness. Danger had vanished, and so had our strength. We tottered down the lateral moraine in the dark, over boulders and tree trunks, through the bushes and devil-club thickets of the grove where we had sheltered ourselves in the morning, and across the level mudslope of the terminal moraine. We reached camp about ten o'clock, and found a big fire and a big supper. A party of Hoona Indians had visited Mr. Young, bringing a gift of porpoise meat and wild strawberries, and Hunter Joe had brought in a wild goat. But we lay down, too tired to eat much, and soon fell into a troubled sleep. The man who said, "The harder the toil, the sweeter the rest," never was profoundly tired. Stickeen kept springing up and muttering in his sleep, no doubt dreaming that he was still on the brink of the crevasse; and so did I, that night and many others long afterward, when I was over-tired.

Thereafter Stickeen was a changed dog. During the rest of the trip, instead of holding aloof, he always lay by my side, tried to keep me constantly in sight, and would hardly accept a morsel of food, however tempting, from any hand but mine. At night, when all was quiet about the camp-fire, he would come to me and rest his head on my knee with a look of devotion as if I were his god. And often as he caught my eye he seemed to be trying to say, "Wasn't that an awful time we had together on the glacier?"

Nothing in after years has dimmed that Alaska storm-day. As I write it all comes rushing and roaring to mind as if I were again in the heart of it. Again I see the gray flying clouds with their rain-floods and snow, the ice-cliffs towering above the shrinking forest, the majestic ice-cascade, the vast glacier outspread before its white mountain-fountains, and in the heart of it the tremendous crevasse,—emblem of the valley of the shadow of death,—low clouds trailing over it, the snow falling into it; and on its brink I see little Stickeen, and I hear his cries for help and his shouts of joy. I have known many dogs, and many a story I could tell of their wisdom and devotion; but to none do I owe so much as to Stickeen. At first the least promising and least known of my dog-friends, he suddenly became the best known of them all. Our storm-battle for life brought him to light, and through him as through a window I have ever since been looking with deeper sympathy into all my fellow mortals.

None of Stickeen's friends knows what finally became of him. After my work for the season was done I departed for California, and I never saw the dear little fellow again. In reply to anxious inquiries his master wrote me that in the summer of 1883 he was stolen by a tourist at Fort Wrangell and taken away on a steamer. His fate is wrapped in mystery. Doubtless he has left this world—crossed the last crevasse—and gone to another. But he will not be forgotten. To me Stickeen is immortal.

Notes

by Francis H. Allen [from The Riverside Press edition]

Fort Wrangel.

Now generally spelled Wrangell. Any good map of Alaska will show its location.

Rev. S. H.Young.

Samuel Hall Young, now superintendent of Alaska Presbyterian missions with office in New York City, but at that time a missionary in the field with headquarters at Fort Wrangel. Mr. Muir's Travels in Alaska contains an interesting account of a mountain-climbing adventure in which Mr. Young nearly lost his life. Dr. Young (he received the degree of D.D. in 1899) has written entertainingly of this and other experiences with John Muir (Outlook , May 26, June 23, and July 28, 1915). In the last of his three articles he tells about Stickeen, the subject of this story.

Tail. . . shady as a squirrel's.

The Green word for squirrel, *skiouros*, from which our English word is derived, is formed from two words meaning "shadow" and "tail." It is quite likely that Mr. Muir had this in mind.

The water was phosphorescent.

Some of the small and microscopic animal life of the sea becomes luminous at night when disturbed by the breaking of the waves, the churning of a boat's propeller, the splashing of oars, the strokes of a swimmer, or any similar cause, as, in this case, the movements of the salmon. The surrounding water at such times glows and sparkles beautifully.

The salmon were running.

Salmon, though for most of the year living in the sea, spawn only in fresh running water, and every spring and summer they swarm up the streams to the breeding-grounds. This is the time when they are caught for sport and for the market,—in the East by rod and line, in Alaska, where they are found in vast numbers, with nets and spears. This migration up the streams is called "running."

Panax.

Panax horridus, or Fatsia horrida, a dangerously prickly araliaceous shrub commonly called devil's-club. It is abundant in Alaska.

Rubus.

The genus of plants to which the blackberry, raspberry, cloudberry, and salmonberry belong.

Wild-weathery.

One looks in the dictionaries in vain for this word, but the meaning is obvious. Mr. Muir was rather fond of coining playful words of this kind, such as are so common in his native Scotch.

Diogenes.

A celebrated Greek Cynic philosopher who despised riches and is said to have lived in a tub. Plutarch relates that when Alexander the Great asked Diogenes whether he could do anything for him he replied, "Yes, I would have you stand from between me and the sun."

Sphinx.

"A spinxlike person; one of enigmatical or inscrutable character and purposes" (Webster's New International Dictionary). The Sphinx of Greek mythology propounded a riddle to all comers and, upon the failure of each one to guess it, speedily devoured him.

Tahkoo.

An Indian name, also spelled Taku.

Fountain ice-fields.

The ice-fields that formed the sources of the glaciers.

Glacier Bay.

The famous Muir Glacier, discovered by Mr. Muir in 1879, is at the head of this bay.

Yosemite.

The Yosemite Valley of California, where Mr. Muir made his home for years.

Storms.

John Muir was never afraid of bad weather. One of his most interesting papers is the account in The Mountains of California of how he climbed a tree in the forest during a wind-storm and remained there rocked wildly in the treetop while he studied the habits of the trees under such conditions.

Dislocated his arm.

See the account in Travels in Alaska.

Doggedly.

Note the play on the word.

"Where thou goest I will go."

Doubtless suggested by Ruth's reply to her mother-in-law, Naomi, "Whither thou goest, I will go" (Ruth 1:16).

Narrow tacks.

The word "tacks" is used in the nautical sense, as when a sailing vessel "tacks" to windward, taking a zigzag course because it is impossible to sail directly against the wind. By "narrow tacks" the author evidently means tacks in which little real progress was made, the crevasses coming very close together.

Fountains.

In the sense of sources; in this case the sources of glaciers.

Icebergs.

Icebergs are, of course, the natural discharge of a glacier into a lake or the sea.

Power beyond our call or knowledge.

This has been the experience of many who have extricated themselves from imminent dangers by their own unaided efforts. The emergency calls forth hitherto unsuspected supplies of reserve energy.

Wee, hairy, sleekit beastie.

This reminds one of Burns's poem "To a Mouse," which begins "Wee, sleekit, cow'rin', tim'rous beastie." "Sleekit" is doubtless used in its original sense of sleek, smooth. It is the past participle of the verb "to sleek." Muir was fond of dropping occasionally into his native Scotch, especially when an affectionate diminutive was called for.

We will get across safe.

Here and at the top of the next page Mr. Muir follows the Scotch custom of using the word "will" where the best English usage demands "shall."

Devil-club.

See note on Panax.

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