

the SCREE

Mountaineering Club of Alaska

July 2011

Volume 54 Number 7



"Take care of things
and they will take care of you."
Shunryu Suzuki-roshi

**The Case for Tigaraha
Korohusk's Warning
POM – Burkett Needle
Rock-Climbing Training**

Monthly Meeting
Wednesday, July 20, from 6 p.m. to 9 p.m.
Program: Annual Picnic, details inside
(Abbott Loop Community Park)

The Mountaineering Club of Alaska

www.mtnclubak.org

"To maintain, promote and perpetuate the association of persons who are interested in promoting, sponsoring, improving, stimulating and contributing to the exercise of skill and safety in the Art and Science of Mountaineering"

Join us for our club meetings the third Wednesday of the month, normally held at the BP Energy Center, this month we are having the annual picnic at the Abbott Loop Community Park, 8101 Elmore Road. Details in this issue.

Cover Photo: John Friehe rappelling down the A3+ pitch of the South Pillar route on Burkett Needle. Photo by Dave Burdick.

Article Submission:

Text and photography submissions for the *Scree* can be sent as attachments to mcascree@gmail.com. Articles should be submitted by the 25th of the month to appear in the following month's *Scree*. Do not submit material in the body of the email. We prefer articles that are under 1,000 words. If you have a blog, website, video or photo links, send us the link. Cover photo selections are based on portraits of human endeavor in the outdoors.

For best viewing of the Scree on a monitor using Adobe Reader, click on 'View' and 'Full Screen.'



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July 23 Mystery Mountain

Tom Choate will resurrect his 1990s tradition of 'Mystery Mountain.' He will lead a trip to a peak within 75 miles of town that no one can tell him about (no name?). Details to come! Tom Choate, mtngoatc@gmail.com

Rock-Climbing Training

There will be a weekend of rock-climbing training July 16 and 17. The class will be held at Hatcher Pass or the Purinton Creek area if the weather is bad at Hatcher. The cost of the class is \$60 and you need to be a current MCA member to participate. Training topics will likely include: climbing-safety basics, climbing techniques and movement on rock, rappelling, basic anchors, advanced anchors, sport climbing, traditional and multi-pitch climbing. Climbers of all abilities will learn new skills and enjoy the class. If you are interested in signing up for this, please email Tim Silvers President@mtnclubak.org. The deadline for signup is July 7.

Tim will also demonstrate some useful rock-climbing skills at the MCA Base Camp meetings in the upstairs rooms at the BP Energy Center between 6 and 9 p.m. on July 28 and August 30. Some skills covered will be knots, setting up fast and bombproof top-rope

anchors, safely removing top anchors and lowering off a sport route, the safest way to rappel, other anchor systems, and much more. If you would like to brush up on some rock-climbing skills, bring your harness, some slings or cord, carabiners, and a belay device. You don't need to RSVP to attend. Just show up and have fun.

Check the MCA Events Calendar

<http://www.mtnclubak.org/index.cfm/What-We-Do/Events-Calendar> every few weeks for the latest schedule on rock-climbing training and other MCA events.

July MCA Meeting – Annual Picnic/Potluck

Please bring some food to share based on your last name as indicated below:

A-H: Dessert

I-R: Salad

S-Z: Side dish

The July monthly meeting will not be at the BP Energy Center. The annual MCA summer picnic will be Wednesday, July 20, from 6 to 9 p.m. at Abbott Loop Community Park at 8101 Elmore Road. The park is on the east side of Elmore Road between Lore Road and 88th Avenue. Elmore Road is easily reached from Tudor, Dowling,

Sally Balchin enjoying the spring skiing on Kesugi Ridge



or Abbott Roads. Here's a link to the park page with a map: <http://www.anchorageparkfoundation.org/directory/abbott.htm>. Hot dogs, hamburgers, veggie burgers, fixings, and drinks will be provided by the MCA. We reserved the picnic shelter in case of bad weather. No alcohol is allowed at the MCA picnic. Please bring your own utensils, cup, and plate. (We're trying to be environmentally friendly.)

On the Web

Climbing.com reports that on May 27, 2011, Mark Allen and Graham Zimmerman made the first ascent of a 12,213-foot peak above the Northwest Fork of the Lacuna Glacier in the Alaska Range. Their route consisted of the 4,500-foot south face central couloir and was rated Alaska Grade 4, AI2. Reflecting their feelings of remoteness, the pair reportedly named the peak "Voyager Peak" after the spacecraft launched by the National Aeronautics and Space Administration in 1977 that is pushing farther into outer space and sending back information about deep space.

<http://www.climbing.com/news/hotflashes/remotefirstascentinalaska.html>

<http://www.returnofthejollyroger.blogspot.com/>

The Case for Tigaraha

by Ian McRae

Most maps of the Seward Peninsula give three names for single mountains in the Kigluaik Mountains, north of Nome. "Mount Osborn" (4714) gets to have a name because it's the highest. The "Grand Singatook" (3870) gets to have a name because people have always used it for a landmark. The third mountain is "Tigaraha Mountain." Why does Tigaraha get to have a name?

Not knowing what I know now, I set off one summertime in the early 2000s to find out. The map showed "Tigaraha Mountain" to be within 4 miles of the Kougarok Road, so it seemed the simplest form of research to simply drive there and climb it. The mountain proved little more than a long, brown ridge. The highest bump on the ridge (identified on the map as Peak 3207) did sport a 15 ft. summit block necessitating a 5.4 move hoedadding fingers in rhizoid clumps over yawning choss slabs. Other than this one move, the climb had been a Class 2 walk-up.

As I pulled onto the summit, my attention was immediately grabbed by a new prize revealing itself to the west: a great, granite-looking spike, 800 feet high, a veritable mini-Arrigetch. Let's go climb that one! But why did this lumpish ridge on which I was standing get to have a name, and that splendid mountain over there didn't?

Back in town, I voiced my suspicions to those in the know. They glanced away, gruff, non-committal, muttering. Finally, I asked my friend



Tigaraha from the northeast cirque

Francis, an original King Island speaker of Inupiaq, about his knowledge of the Qaweraq word, "Tigaraha." "*Tigara*," repeated Francis, giving me the finger. Not the middle one, but his forefinger: "*Tigara*," he said again. A Qaweraq dictionary I had found spelled the word this way, T-i-g-a-r-a, but due to Inupiaq vowel-sounds and prosody in the second syllable, Francis' (King Island being similar to Qaweraq) pronunciation came out sounding like "teeg-aha-rah" — it sounded precisely how R.H. Sargent, in the 1912 USGS survey, chose to spell it. This, then, is my

main piece of evidence: Francis holding his finger aloft. "Tigaraha," meaning "forefinger," could only apply to the obvious insinuator located on the divide between the Sinuk River and Windy Creek drainages, not the long, slug-shaped ridge between the Sinuk River and Buffalo Creek drainages, as indicated on most maps.

Regardless of appellation, the new mountain needed climbing, whether or not it had been before.



1. Mile 28.5 Kougarak Road
2. East Basecamp, Sinuk River headwaters
3. Tigaraha Mountain (Peak 3500+ ?)
(64°56'17.14" N / 165° 21'52.32" W)
4. West Basecamp at ancient rockslide, Windy Creek
5. Mosquito Pass corridor
6. Peak 3207, high point of "False Tigaraha"
7. Grand Central Valley
8. "False Tigaraha" (nee "Tigaraha Mountain")
(Point 3200+) (64°55'39.9 N / 165°18'13.0" W)

Around Mile 28.5 on the Kougarak Road there is a cut-bank gravel pit on the west side of the road; this has always proved a good place to stash vehicles and begin the excellent 9-mile hike west toward Mosquito Pass. So began my Tigaraha years; many a partner was lured from Nome to the towers, only to be crushed under the absurdly high, hiking-to-climbing

ratio, leaving me alone and psychotic once again.

The Sinuk River approach generally provides the quickest access to the peak from the Kougarak Road, but I highly recommend the alternate Windy Creek approach for overall ease. Plus, Windy Creek has the most awesome bouldering basecamp in the Kigs at the century-old landslide that spans the valley.

Tigaraha might well *have* been named after the bird finger, as the mountain consists of a main finger with two knuckles on either side, which I call the East

Tig and the West Tig. Where you want to start the mega-classic regular route, the West Arete of the Grand Tig (5.5), is the big notch between the Grand Tig and the West Tig. This notch can be reached from the east basecamp (Sinuk River drainage) via a 500-foot, sometimes-icy couloir festooned with hanging pianos, but it is usually preferable (if you are on the east side) to labor up Class 3 and 4 slopes and cross to the other side (to the Windy Creek side) in order to traverse around the upper slopes of the mountain, and reach the notch from the sunny south. You can cross the crest to the north or south of the mountain, but both options present tricky scrambling; once again, the kinder approach is from Windy Creek up Class 3/4 slopes. These things I determined through much laborious bumbling.

The West Arete of Tigaraha (5.5, II) must surely be *the* classic rock route of the Seward Peninsula. Usually the plutonic rock of the Kigluaiks is patchy, horrendous, rust-colored gneiss, but this four-pitch friction ramp in the sky is a patch of Tuolumne. Solo it, and spare yourself the hernia of carrying a rope all the way in there, though bring your rock shoes. A handful of nuts would do for the regular route; a great deal more gear is recommended for the other routes on Tigaraha. (Racking rule for the Kigs: three equalized pieces equals one reliable piece. Also: pitons are the only damn things that work.) Downclimb pitches back to the notch. The first time I climbed the West Arete, I found a single yellowed sling knotted behind a flake, low down. I got that sixth sense that people had climbed the mountain before. So, who's got information? I know you're reading this!



Looking west at the Kigluaik Mountains. Kougarak Road corridor is in the foreground. 1. Tigaraha Mountain 2. False Tigaraha Mountain 3. Mount Osborn Which peak would you name "Finger?"

Until my encounter with the Crater Creek gneiss years later, I considered Tigaraha the closest granitic rock to the road. The stately West Tig succumbed to an A1 rope-solo siege, two pitches out of the notch. I hooked up with Kotzebue spider Lahka Peacock for a spectacular knife-edge cruise over the East Tig and Grand Tig (5.9, IV). I tried to rope-solo a "wall" route up the north face, but ended up in the choss-ridden "Chimneys of Tiresias" (5.8, III). And days were spent on the quality, one-pitch "Fab Four Tors."



Talking with a skiing buddy just the other day, I was struck by a phrase he used: "...in there by Tigaraha..." The phrase was inserted without hesitation into a stream of conversation, and we both flashed in our minds on the same image of a finger-like peak. After a while in Nome, this is how it gets to be; the denotation of "Tigaraha" defaults to the peak out by Windy Creek.

Mikey Lean climbing in vicinity of Fab Four Tors

Korohusk's Warning

by Marcin Ksok

I am a little sensitive to avalanches, mostly due to having had more than a few encounters. So far I have been lucky, but I deeply understand that it was pure luck. I cannot say that it was always recklessness; some came from out of nowhere and were beyond the applicable logics. I tend to joke about my immunity, yet I have come to realize that if I was ever to get into a deal breaker in the mountains it will be in the form of a slide. And yet this is a story I am very proud of, a story of how all previous experiences have paid off and made me wiser and more cautious and it involves a climb and a summit.

One spring morning Craig Petersen and I were bushwhacking up the Dishwater Creek drainage, losing and finding the game trail that brought us above treeline and the rocky terminal moraine of the disappearing Kiliak Glacier. Our sights were set on Korohusk Peak, which now exposed its broad southern snow slopes leading to a narrow gully and onto

more slopes and a possible summit. Things looked promising; the route was plainly visible and vulnerable to our greedy pursuit of higher ground. The slopes bore signs of the winter's slides and we progressed on concrete-hard avalanche debris. The April day was very warm and here and there small rocks dotted the snow with their warnings of dangers from above. Few came close, but the launching area was not large, so we quickly moved away from the firing range. Half way toward the narrows and rocky outcrops I stepped off the pavement, punched through crust and my foot dove into bottomless sugar. Not good. That was it for me; I had plenty of warnings. We still dug a pit, found two ice layers with sugar between them – bad, very bad. Craig being an avalanche rookie (only two) was more reluctant to turn around, but decided not to continue on his own. We descended and instead followed the valley for some sightseeing.

Since over the years I have made backing down and turning around into a personal hobby, I had no regrets (Hurdygurdy Mountain,

seven attempts or so; Mount Marcus Baker, five). Although I often turn around, I always return. Two weeks later, together with Greg Encelewski, I somehow found myself staring at the lower slopes of Korohusk again. A lot less snow this time, most of it at the bottom of the incline, jumbled in a pile of blocks, the hillside swiped clean to the scree. Craig and I could have triggered that slide and possibly lost our lives, I felt proud of our decision, standing there, taking in the seriousness of the situation.

Now that the snow was cleared, Greg and I proceeded to the narrow gully, scraped rocks through powdery snow, and climbed the upper slopes to the ridge. We followed the ridge to the summit, enveloped in thick clouds and light snow, which of course, retreated as we descended the peak. Ten and a half hours total brought us back to the parking lot after the long slog on the Eagle River Trail, which always seems longer on the way out.

Peak of the Month: Burkett Needle

By Steve Gruhn

Mountain Range: Coast Mountains; Burkett Peaks

Borough: Unorganized Borough

Drainage: Burkett Glacier

Latitude/Longitude: 57° 10' 28" North, 132° 19' 3" West

Elevation: 8650±50 feet

Prominence: 900 feet from Mount Burkett (9730)

Adjacent Peaks: Mount Burkett and Peak 6850 in the Burkett Glacier drainage

Distinctness: 900 feet from Mount Burkett

USGS Map: Sumdum (A-1)

First Recorded Ascent: August 9, 1964, by Daniel Davis and Layton Kor

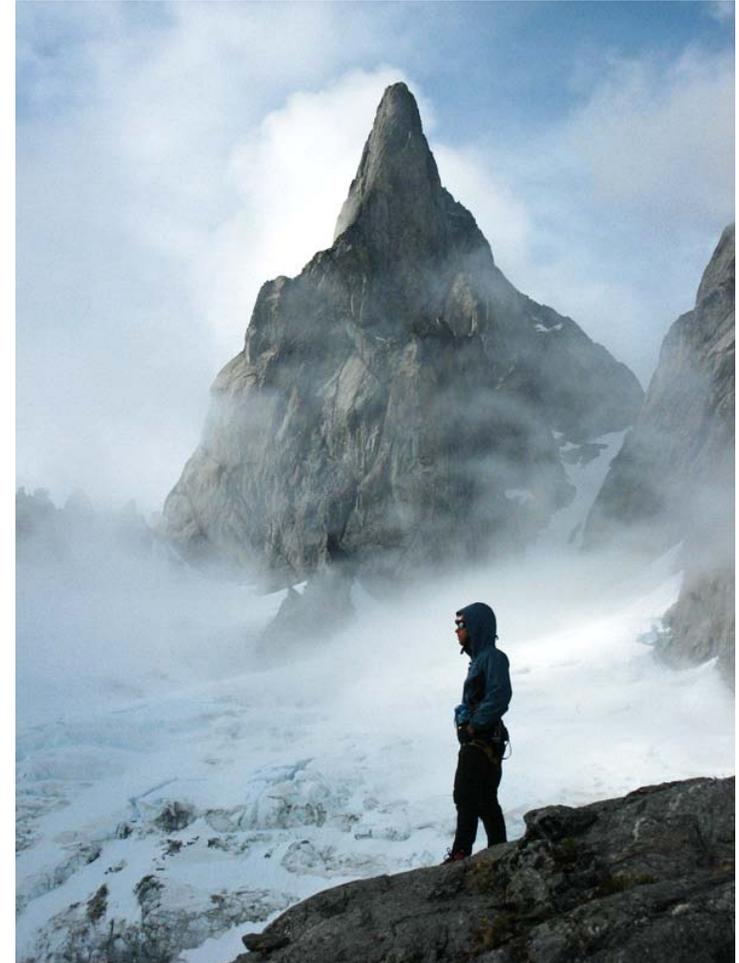
Route of First Recorded Ascent: North buttress

Access Point: A 5500-foot pass between the Baird Glacier and the Triumph Glacier in British Columbia

Fred Beckey, Dan Davis, Layton Kor, and Henry Mather flew in a floatplane from Wrangell to the Phelps Dodge prospecting camp at Patmore Creek in British Columbia. From the prospecting camp they flew in a Bell G 3 helicopter to a 5,500-foot pass between the Baird Glacier and the Triumph Glacier on August 1, 1964. After members of the party made ascents of Mussell Peak and Mount Ratz the next day, rainy weather kept them tentbound until August 6. On August 6 the party skied 12 miles south down the Baird Glacier and established a camp on the west ridge of Mount T (8001). After two days of rain, Beckey and Mather set out on August 9 to break trail across the Stikine Ice Cap to the Flood Glacier while Davis and Kor gambled

with the weather to attempt the north buttress of Burkett Needle, which they succeeded in following all the way to the summit. They reported some steep snow climbing and two pitches on rock steps of F6 (IV 5.6) difficulty. On August 11 they then retreated to the Flood Glacier, from where they made their exit to the Stikine River and the riverboat that brought them back to Wrangell.

Burkett Needle has seen relatively little attention since its first ascent. In the spring of 1982, Steve Monks and Damian Carroll unsuccessfully tried to climb its west side. In April 1995 Gardner Heaton and Joe Reichert attempted a route on the south face. The next month Dan Cauthorn, Greg Collum, and Greg Foweraker made the second ascent of Burkett Needle by climbing the south pillar, rating the 1,500-foot climb V 5.10+ A3+. In May 1999 Lionel Daudet and Sebastien Foissac made the third ascent of Burkett Needle by climbing the southeast face, rating the 1,200-meter (3,900-foot) route VI 7a+ (5.12) A3+. Then in 2001 Colby Coombs and Michael Wood featured Burkett Needle as one of the 80 Alaskan climbs included in their guidebook, [Alaska: A Climbing Guide](#). From 2005 to 2008 there were several unsuccessful attempts on the south pillar. In July 2006 Dave Burdick and Micah Lambeth unsuccessfully attempted the west ridge of Burkett Needle. In June 2009 Max Hasson and Jens Holsten made the fourth ascent of Burkett Needle and the first free ascent of the 2,500-foot south pillar by climbing a three-pitch



Jens Holsten and the southeastern aspect of Burkett Needle; Photo by Max Hasson

5.10+ variation that bypassed the A3+ overhang in the Cauthorn-Collum-Foweraker route. In July 2009 Burdick returned with John Friehe to scale the west ridge for the fifth ascent of Burkett Needle, rating it IV 5.8 M4, surprisingly moderate, but noted the route was of the utmost quality.



Burkett Needle and Mount Burkett; John Scurlock Photo

Davis' and Kor's ascent was first reported on page 340 of the December 1964 *Appalachia*. Fred Beckey's article entitled "West of the Stikine – Part II," appeared on pages 320 through 323 of the 1965 *American Alpine Journal*. The 1996 *AAJ* featured Joe Reichert's report on pages 181 through 184 (including Gardner Heaton's topo of the 1995 routes on page 182) and Dan Cauthorn's report on page 184. The June 1997 issue of *Climbing* highlighted Burkett Needle in a feature article on page 107. Lionel Daudet's article entitled "The Burkett Needle: The Voyage of the Celestial Tramps" appeared on pages 31 through 36 of the 2000 *AAJ*. The 2010 *AAJ* included Jens Holsten's article entitled "Thriller: Four Major Routes in Two Weeks on Alaska's Stikine Ice Cap" on pages 58 through 63 and Dave Burdick's report on page 135.

More here:

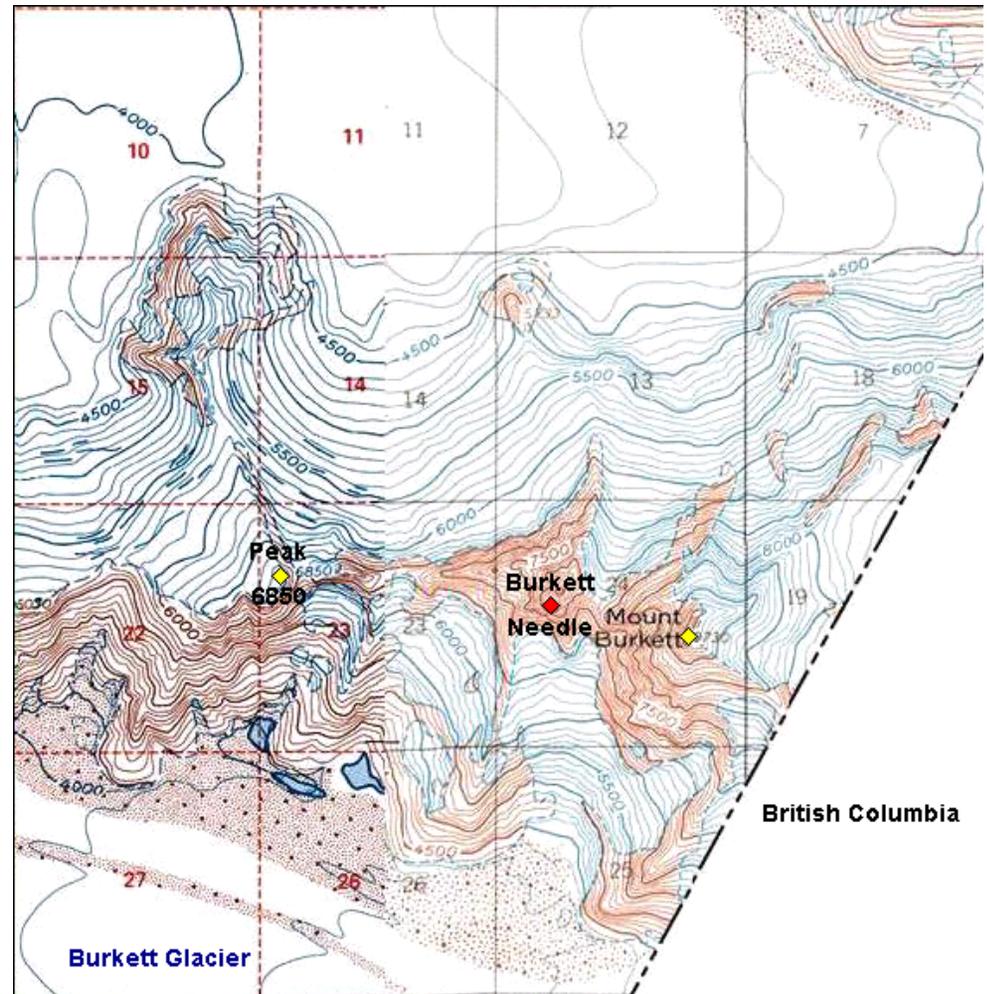
<http://jensholsten.blogspot.com/2009/07/stikine-09.html>

<http://aaj.americanalpineclub.org/climbs-and-expeditions/north-america/alaska/coast-mountains/2009-burkett-needle-pipsqueak-peak-by-d-burdick/>

http://alpinebriefs.wordpress.com/far-2/far/needle_withlines_small/

http://alpinebriefs.wordpress.com/far-2/far/needle_pitch6_goldenslab_jens/

<http://cascadeclimbers.com/forum/ubbthreads.php/topics/893165/1>



Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)



PLATE 54

Aerial photo by Austin Post

Hut Inventory and Needs

If you are headed to one of the huts, please consult the notes below to see what needs to be carried to the huts or fixed. If you can help out, contact Greg Bragiell at huts@mtclubak.org.

- Mint Hut: Greg has a (stove) generator and toilet hardware that needs to get to the Mint Hut. If anyone is heading that way before July 9, he would appreciate getting this done as well
- Rosie's Roost: The south side of the hut needs metal-sheeting repair.
- Scandinavian Peaks Hut: The next group going here should take a wood plane with them. The upstairs window needs planing to shut smoothly.

MCA members, (Update on June 18)

Your help and assistance are needed at the Mint Hut.

I have been made aware of problems with the outhouse: The exterior door handle is broken and has been open for some time. Animals have gotten into the poop barrels and made a mess inside.

If anyone is traveling there in the next few weeks, please take the time to clean the interior of the outhouse (i.e., wet it by splashing buckets of water, use warm soapy water to scrub with the broom that is there, and then splash bleach water afterward to disinfect). Please use whatever personal covering that you can to prevent damage to clothing (i.e., gloves, eye protection, old clothes present, garbage bags or Visqueen.

Place a bungee cord or rope in such a manner that will secure the door and enable travelers to use the toilet again. (The way it looks now it is highly unlikely that anyone would want to go inside and hence would deposit feces around the hut and contaminate the place.)

If you are handy with tools, please find a way to remove the entire handle from the door (i.e., file off the welds from the outside, remove the handle and bring it back with you. We need to have it repaired.

I will be traveling the Bomber traverse starting July 9 and will complete the repairs and coordinate with Pollux Aviation to change out the poop barrels.

Greg Bragiell

P.S. Does anyone know if the window repair has been completed at the Scandinavian Peaks Hut?



MCA Board Meeting Minutes June 8, 2011

Note: Tasks to be completed in ***bold italics***.
Board and Executive Committee members present: Tim Silvers, Brian Aho, Mark Smith, John Recktenwald, Jim Sellers.

(1) New Library: Jim Sellers has acquired new office space which will most likely have

room for MCA library. We will know for sure once he has finished moving in.
(2) July picnic (07/20/11): looking for venue, preferably with weather shelter, parking. Mark, Jim and John will help coordinate.
(3) December meeting location: BP Energy Center is closed on 3rd Wednesday of the month. ***Need to find out about other available dates for meeting.***
(4) MCA Liability / insurance: no change since last meeting. Jim and Randy arranging meeting with insurance brokers.

(5) Benefits sharing w/ other mountaineering clubs: Contact with Seattle Mountaineers positive, will pursue when their board members return from various trips.
(6) Advertising: Board unanimously approved to spend up to \$400 to have MCA logo stickers (2 1/2" diameter) made. Distribute at MCA meetings.
(7) Policy updates: ***move all Officer and Director Handbook documents to website.***
(8) Huts: Chugach State Park Management Plan has language about the MCA huts

pertaining to usage rights that ***needs to be checked against our lease.***

(9) Board member elections: discussion about how to provide more information to the membership to encourage participation and improve quality.

Next board meeting: July 6 or August 8, 2011

Brian Aho, Secretary

MCA General Meeting Minutes June 15, 2011

The meeting was convened at 6:30. In Randy's absence Tim gave the Treasurer's report indicating the club is in a good financial position with approximately \$33,000 in the bank.

No reports were provided by the Geographic Names, Peak Registers, Awards, Equipment, or Hiking & Climbing Committees due to the absence of their Chairs assumingly due to the nice weather. Tim provided a reminder that the Awards Committee needs another member, and there is a sanctioned "Mystery Mountain" trip planned for July 18.

Library: Jim Sellers reported that he should know whether he'll be able to provide a place for the Library within the next month or so.

Huts: Greg Bragiel reported that both the Mint and Scandinavian Peak Huts need some repair. Anyone headed to either should contact Greg if they can help with repairs or transporting repair materials to them. Greg also reported a situation at the Mint Hut involving "some poop loving animal" that got into the outhouse and created what was described as a "poop explosion" by an eyewitness. Volunteers to clean the inside of the outhouse would be much appreciated.

Parks Advisory: Mark Smith gave a report regarding the draft management plan for the Chugach State Park. Issued within the plan that he addressed included parking at Glen Alps, and various trails and access issues at Eklutna, Peters Creek, Ram Valley, the south fork of Eagle River, Near Point, and Rabbit Creek Valley. The public comment period for the plan runs through September 9th. Mark encouraged all members to take a look at the plan (<http://dnr.alaska.gov/parks/units/chugach/planning.htm>) and submit comments as appropriate.

Calendar: Stu Grenier is looking for vertically oriented photos for this year's calendar. Get out and shoot some and submit to Stu.

Training: Tim announced July 16-17th Hatcher Pass rock climbing skills class. There might be a pre-trip skill class scheduled so watch the website for updates. Tim also reported on the Tuesday evening MCA Base Camp skills building/socializing event. Attendance and participant comments have been have been good. Next event is at the BP Energy Center on June 28th and will focus on rock climbing skills. Check the website for details.

Presentation: Todd Kasteler presented a great show on his and Tyler Johnson's attempt to ski Dhaulagiri (8167 meters, Nepal) from the summit along the NE ridge. The mountain has particular significance to Alaskan climbers as Vin Hoeman, the inspiration for the MCA's most prestigious award, died in an avalanche on Dhaulagiri in 1969.

And, thanks Liz for the great chocolate chip cookies!

Jim Sellers, Director



Mountaineering Club of Alaska

President	Tim Silvers	250-3374	Board member	Wayne Todd	522-6354
Vice-President	Jayme Mack	382-0212	Board member	Mark Smith	868-3155
Secretary	Brian Aho	223-4758	Board member	Vicky Lytle	351-8246
Treasurer	Randy Plant	243-1438	Board member	John Recktenwald	346-2589
			Board member	Jim Sellers	360-2560

Annual membership dues: Single \$15, Family \$20

Dues can be paid at any meeting or mailed to the Treasurer at the MCA address at right. If you want a membership card, please fill out a club waiver and mail it with a self-addressed, stamped envelope. If you fail to receive the newsletter or have questions about your membership, contact the Club Membership Committee at membership@mtclubak.org

The 'Scree' is a monthly publication of the Mountaineering Club of Alaska. Articles, notes and letters submitted for publication in the newsletter should be e-mailed to MCAScree@gmail.com. Articles should be submitted by the 25th of the month to appear in the following month's Scree.

Paid ads may be submitted to the attention of the Vice-President at the club address and should be in electronic format and pre-paid.

Missing your MCA membership card? Stop by the monthly meeting to pick one up or send a self-addressed stamped envelope and we'll mail it to you.

Mailing list/database entry: Yukiko Hayano and Randy Plant - 243-1438

Hiking and Climbing Committee: Vicky Lytle - hcc@mtclubak.org

Huts: Greg Bragiel - 569-3008

Calendar: Stuart Grenier - 337-5127

Scree Editor: MCAScree@gmail.com Steve Gruhn (344-1219) assisted by John Recktenwald

Web: www.mtclubak.org (change your address here)

Mailing list service: MCAK@yahoogroups.com

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