

A high-angle photograph of a climber standing on a jagged, grey rock peak. The climber is wearing a dark jacket, light-colored pants, and a yellow helmet. The background shows a vast, rugged mountain range with deep valleys and ridges, partially shrouded in mist or low clouds. The sky is overcast and grey.

 **Black Diamond**TM
SUMMER CLIMBING 08

EPIC READY

There are epics and then there are *epic* epics. Stephen Venables pulling an open bivy (sans supplemental O₂) at 28,300 on Everest... Takeyasu Minamiura soloing a new route on Trango Tower, chucking off *all* of his gear and paragliding from the summit—only to get caught by a rogue gust and hung up, stranded on a 16-inch-wide ledge 6,000 feet above the glacier with no climbing gear, sleeping bag, food, or water... Doug Scott slipping on the very first rap off The Ogre, busting *both* his ankles and descending on his knees for *eight* days back to basecamp.

Although Venables, Minamiura and Scott's snafus are famously nightmarish, the less-epic epics in the alpine, big walling and mountaineering arenas (think: Shipton Spire, Queen Maud Land, El Cap, the Latok group, Fitzroy, Zion, K2, K6, K7, anything in Baffin or Patagonia) are as common as a beer bong in a frat house. Why? Because anytime climbers are pushing it, going for it heavy, laying it out way off the deck, they will encounter dozens of ways the climb can go from smooth cruising to full-blown epic: serac-riddled ridges, route-finding errors, unconsolidated sugar snow, 70-mph wind blasts, apocalyptic rock and ice fall, firehosing rain, partner blow-ups, suffocating heat, bone-cracking cold, protection-impossible kitty litter, forced bivys at hanging belays, stuck rap ropes, bowel-rattling trots from rotten goat's milk, whiteouts, brownouts, and blackouts. That's why we design, build and test all of

THAT'S WHY WE DESIGN, BUILD AND TEST ALL OF BLACK DIAMOND'S BIG WALL AND MOUNTAIN EQUIPMENT TO BE "EPIC READY."

But hang on, let's be realistic. Just because your BD gear won't break down and screw you over mid-pitch, mid-descent, mid-bivy, mid-rap, doesn't mean you're not going to epic when you're gambling for a summit way up high in Alaska, down in Peru, or over in Nepal. Come on... at some point you're *for sure* going to epic! Maybe (hopefully...) not as bad as Venables, Minamiura or Scott, but, oh yeah, you're going to epic, so be ready for it—Black Diamond equipment is.

Black Diamond's big wall and mountain equipment to be "epic ready." So rest assured that no matter how massive the heinousity gets, Black Diamond's big wall and mountain equipment can go where you'll be going: *beyond* the norm, *beyond* the expected.

— THE EMPLOYEE OWNERS OF BLACK DIAMOND



SUMMER CLIMBING 08

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BIG WALL

“Twenty-eight hours into it, Ivo and I sat on the Island in the Sky ledge, 2,000 feet off the deck on El Cap. I was cooked. I was done. I was ready to quit. I wanted to sleep. I closed my eyes as Ivo rummaged through the haulbag. Then I heard a familiar ‘clickssshh’ and opened my eyes. Ivo had opened two beers. His face was wide with enthusiasm, transferring energy into my mind and feeding the fire in my soul.

I knew then that I didn’t want to sleep. I wasn’t ready to quit. I wasn’t done.”

—AMMON McNEELY, ALONG WITH IVO NINOV, MANAGED TO FINISH THE PACIFIC OCEAN WALL (VI 5.9 A3) IN A RECORD TIME OF 33 HOURS 2 MINUTES, USING BD’S BATTLE-TESTED PITONS AND HOOKS. McNEELY HOLDS 20 EL CAPITAN SPEED RECORDS, INCLUDING 10 FIRST ONE-DAY ASCENTS, A RECORD IN ITSELF.

TOOLS FOR BIG WALL BATTLE



Iconic and long lasting, the hot-forged Lost Arrows are essential pins on nearly every aid climb.



An ultra-thin, double-tapered blade allows the Pecker to provide security where no other pin can.



With three hook sizes and a tripod base, the Talon is super stable on a bevy of hooking challenges, including flat edges, sketchy diorite extrusions and bat hooking.



PECKERS

For hairline cracks, subtle seams and indistinct fractures, the Pecker's knife-thin, double-tapered blade fits where nothing else will.

	WEIGHT*	THICKNESS
#1	33 G (1.2 OZ)	28 MM (1.1 IN)
#2	62 G (2.2 OZ)	41 MM (1.6 IN)
#3	111 G (3.9 OZ)	51 MM (2.0 IN)

*WITH SWAGED 2.4 MM (3/32 IN) CABLE

PECKER #1 #520216 \$13.50

PECKER #2 #520217 \$13.95

PECKER #3 #520218 \$14.50



RURP

CLIFFHANGER

RURP™

Used in bottoming, incipient cracks, this aid tool (first developed by Y.C. back in 1960) has opened up otherwise unclimbable passages. To ensure its continued usefulness if fixed, this Realized Ultimate Reality Piton has a swaged wire loop.

WEIGHT: 14 G (0.5 OZ)

RURP #520210 \$14.95

CLIFFHANGER

Hooking small to medium flakes, edges and rugosities, the Cliffhanger is an indispensable tool on necky aid lines. Its bipod base and chiseled point with flat tip are designed to prevent rotation and enhance stability. A 51 cm (20 in) sling of 13 mm (1/2 in) or 14 mm (9/16 in) tubular webbing is necessary for use.

WEIGHT: 42 G (1.5 OZ)

CLIFFHANGER #520220 \$10.95



GRAPPLING HOOK

TALON

GRAPPLING HOOK

Slightly oversized, for hooking larger edges and flakes than a Cliffhanger, the Grappling Hook's relatively flat throw allows it to fit in tighter spots than most hooks and its wide bipod base is remarkably stable, even on small edges. The Grappling Hook should be slung with a 51 cm (20 in) length of either 13 mm (1/2 in) or 14 mm (9/16 in) tubular webbing.

WEIGHT: 67 G (2.4 OZ)

GRAPPLING HOOK #520225 \$12.95

TALON

Three hooks let you match hook size to edge (from 5 mm [3/16 in] bat holes to 13 mm [1/2 in] flat edges), and the extra broad base increases stability—perfect for routes with tons of varied hooking like El Cap's *Native Son*. The Talon should be slung with a 51 cm (20 in) length of 13 mm (1/2 in) or 14 mm (9/16 in) tubular webbing.

WEIGHT: 48 G (1.7 OZ)

TALON #520200 \$17.95



ANGLES

Angles fit larger cracks, pockets and pods, and their design, coupled with the springiness of the steel used, gives these pitons inherently high holding power. When they're not overdriven, they are easy to remove and will last through countless Grade VI nailing adventures from Baffin to Zion.

	WEIGHT	LENGTH	THICKNESS
#1	56 G (2.0 OZ)	102 MM (4 IN)	12.7 MM (1/2 IN)
#2	70 G (2.47 OZ)	108 MM (4 1/4 IN)	15.9 MM (5/8 IN)
#3	99 G (3.49 OZ)	143 MM (5 5/8 IN)	19 MM (3/4 IN)
#4	127 G (4.48 OZ)	143 MM (5 5/8 IN)	25.4 MM (1 IN)
#5	140 G (4.94 OZ)	143 MM (5 5/8 IN)	31.7 MM (1 1/4 IN)
#6	197 G (6.95 OZ)	146 MM (5 3/4 IN)	38.1 MM (1 1/2 IN)

ANGLE #1, 1/2" #520710 \$8.95

ANGLE #2, 5/8" #520720 \$9.50

ANGLE #3, 3/4" #520730 \$9.50

ANGLE #4, 1" #520740 \$9.50

ANGLE #5, 1 1/4" #520750 \$11.95

ANGLE #6, 1 1/2" #520760 \$11.95



KNIFEBLADES & BUGABOOS

Classic pitons for thinner cracks, Knifeblades and their bigger, longer brethren, Bugaboos, have precision-ground blades for a consistent taper and a hole in the thickest part of the head to reduce weight without sacrificing strength or durability. You can keep the A4 fear factor in check by clipping these pins' offset eyes for maximum torque.

	WEIGHT	LENGTH	THICKNESS
#1	20 G (0.7 OZ)	76 MM (3 IN)	3.2 MM (1/8 IN)
#2	22 G (0.8 OZ)	89 MM (3 1/2 IN)	3.2 MM (1/8 IN)

KNIFEBLADE #1, STANDARD #520230 \$10.95

KNIFEBLADE #2, THICK #520240 \$10.95

	WEIGHT	LENGTH	THICKNESS
#3	65 G (2.3 OZ)	89 MM (3 1/2 IN)	4 MM (5/32 IN)
#4	76 G (2.7 OZ)	118 MM (4 5/8 IN)	4 MM (5/32 IN)
#5	70 G (2.5 OZ)	92 MM (3 5/8 IN)	4.7 MM (3/16 IN)
#6	84 G (3 OZ)	124 MM (4 7/8 IN)	4.7 MM (3/16 IN)

BUGABOO #3, SHORT THIN #520310 \$11.95

BUGABOO #4, LONG THIN #520320 \$11.95

BUGABOO #5, SHORT MEDIUM #520330 \$12.95

BUGABOO #6, LONG MEDIUM #520340 \$12.95



LOST ARROWS

Tough enough to withstand repeated abuse, these hot-forged big wall pitons are patterned after the original designs of John Salathé and are as light as possible for their given size.

	WEIGHT	LENGTH	THICKNESS
#1	56 G (2.0 OZ)	44.4 MM (1 3/4 IN)	4 MM (5/32 IN)
#2	70 G (2.5 OZ)	50.8 MM (1 3/4 IN)	6.3 MM (1/4 IN)
#3	84 G (3 OZ)	57.1 MM (2 1/8 IN)	7.9 MM (5/16 IN)
#4	99 G (3.5 OZ)	73 MM (2 7/8 IN)	9.5 MM (3/8 IN)
#5	84 G (3 OZ)	82.5 MM (3 1/4 IN)	4.7 MM (3/16 IN)
#6	99 G (3.5 OZ)	85.7 MM (3 3/8 IN)	6.3 MM (1/4 IN)
#7	114 G (4 OZ)	88.9 MM (3 1/2 IN)	7.9 MM (5/16 IN)
#8	114 G (4 OZ)	117.5 MM (4 5/8 IN)	7.1 MM (9/32 IN)

LOST ARROW® #1, SHORT THIN #520500 \$15.95

LOST ARROW #2, SHORT MEDIUM #520500 \$15.95

LOST ARROW #3, SHORT THICK #520500 \$15.95

LOST ARROW #4, WEDGE #520500 \$15.95

LOST ARROW #5, LONG THIN #520500 \$15.95

LOST ARROW #6, LONG MEDIUM #520500 \$15.95

LOST ARROW #7, LONG THICK #520500 \$15.95

LOST ARROW #8, LONG DONG #520500 \$15.95



OVAL

OVALWIRE

OVAL & OVALWIRE

The iconic, symmetrical **Oval** is the proven biner for big walling due to its smooth, uniform shape that reduces carabiner shift. The **OvalWire** has a thinner, stronger body as well as a wire gate and lighter weight.

- WEIGHT:** OVAL — 62 G (2.2 OZ)
 OVALWIRE — 45 G (1.6 OZ)
- STRENGTH:** OVAL — CLOSED GATE — 18 KN (4046 LBF)
 OVALWIRE — CLOSED GATE — 23 KN (5152 LBF)
 OPEN GATE — 7 KN (1574 LBF)
 MINOR AXIS — 7 KN (1574 LBF)

COLOR: POLISHED

OVAL (NOT AVAILABLE IN EUROPE) #210075 \$5.95

OVALWIRE #210076 \$5.95

ROTOR

Haul spinning pigs without tangling the ropes with our lightweight, compact, symmetrical swivel. The Rotor is mounted on an enclosed bearing that is silky smooth, and each end will hold up to three biners.

WEIGHT: 83 G (2.9 OZ)

STRENGTH: 26 KN (5845 LBF)

ROTOR #620005 \$39.95

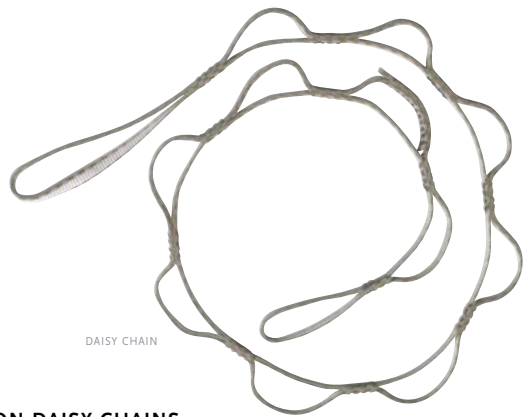


ROTOR

DYNEX & NYLON DAISY CHAINS

Providing a secure, multi-looped attachment to your **aiders**, each of our daisy chains are double bar-tacked for durability and have a half twist in the end loop for clean girth hitching.

- WEIGHT:** DYNEX 115 CM — 33 G (1.16 OZ)
 DYNEX 140 CM — 43 G (1.52 OZ)
 NYLON 115 CM — 70 G (2.5 OZ)
 NYLON 140 CM — 98 G (3.5 OZ)
- 12 MM DYNEX DAISY CHAIN 115 CM (45 IN) #390023 \$24.95**
- 12 MM DYNEX DAISY CHAIN 140 CM (55 IN) #390024 \$29.95**
- 18 MM NYLON DAISY CHAIN 115 CM (45 IN) #390011 \$14.50**
- 18 MM NYLON DAISY CHAIN 140 CM (55 IN) #390012 \$14.95**



DAISY CHAIN

5-STEP & 6-STEP ETRIERS

ALPINE AIDERS (NOT SHOWN)

Simplifying every move you make in the aid climbing world, these etriers' steps are reinforced for easy foot entry, and a ballast clip-loop helps keep them from whipping about in nuclear-fallout-level winds. **Alpine Aiders** are lightweight and highly packable, making them great for free routes or for light-and-fast ops.

WEIGHT: 5-STEP — 210 G (7.4 OZ)
 6-STEP — 240 G (8.5 OZ)
 ALPINE AIDER — 120 G (4.2 OZ)

STRENGTH: 10 KN (2248 LBF)

COLOR: SOLD ASSORTED

5-STEP ETRIER #390030 \$35.95

6-STEP ETRIER #390040 \$36.95

ALPINE AIDERS #390050 \$21.95



ETRIER



YOSEMITE HAMMER

Our classic wall hammer was introduced in 1966, when big wall climbing was in its infancy. The hammer's weight is concentrated in its investment-cast, 17-4 stainless steel head. The pick is drooped and has a biner hole for leveraging out pins. The linseed oil-treated hickory handle has a replaceable 13 mm (1/2 in) webbing and shoulder-length runner.

WEIGHT: 700 G (1 LB 9 OZ)

YOSEMITE HAMMER #500010 \$89.95

ALWAYS READ THE INSTRUCTIONS AND WARNINGS THAT ACCOMPANY YOUR GEAR.



HALF DOME

Versatility in both design and use, the Half Dome is our benchmark, go-anywhere climbing helmet—be it the Black Canyon's Painted Wall or Mount Barille on the Ruth or *Fat City Direct* in the Gunks. It features a quick-adjust suspension system and recessed headlamp clips. For protection it combines a rigid shell with an EPS liner and a fully adjustable suspension with a padded brow strap.

ONE SIZE: 53-61 CM (21-24 IN)

WEIGHT: 360 G (12.7 OZ)

COLORS: BD ORANGE, BLUE, GRAY OR WHITE

HALF DOME #620204 \$59.95



NFORCE

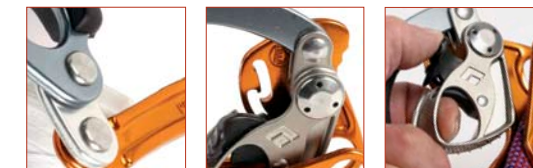
Giving you the best grip for juggling icy, muddy ropes (think Denali's West Buttress or some gnar-ed out fixed cord in the Fisher Towers), the nForce ascender generates more clamping force than conventional designs. The spacious grip accommodates gloves, and a 360-degree biner clip-in point allows full rotation of locking biners.

WEIGHT: 245 G (8.6 OZ)

COLORS: ANTHRACITE (RIGHT), BD ORANGE (LEFT)

NFORCE (RIGHT) #620001 \$69.95

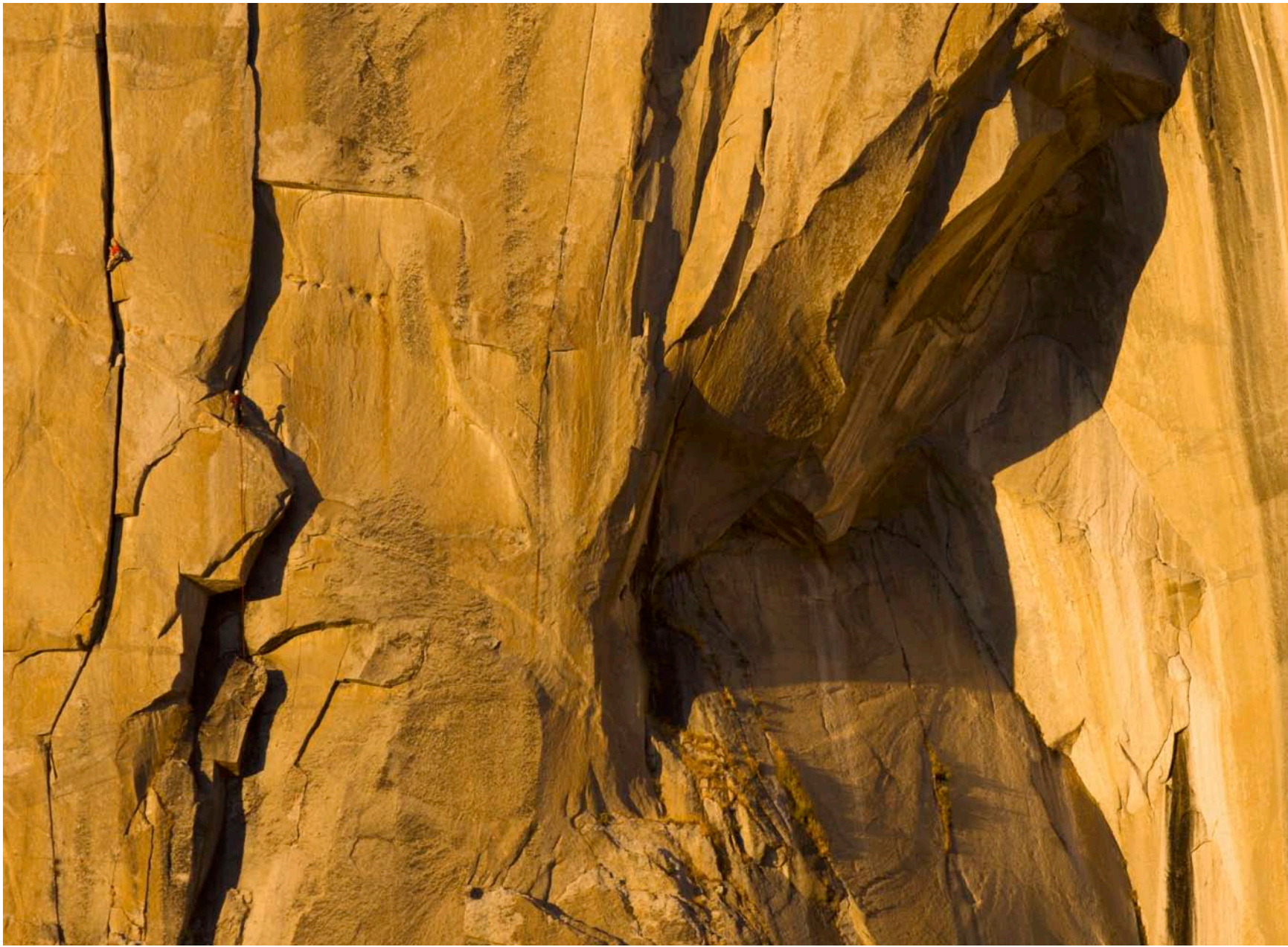
NFORCE (LEFT) #620002 \$69.95



FOUR BAR LINKAGE DRIVES BODY WEIGHT INTO THE ROPE.

MORE CLAMPING FORCE THAN OTHER ASCENDERS.

THUMB, TRIGGER-FINGER, OR EDGE OF FRAME CAN ACTUATION.



Tommy Caldwell leaving "The Ear" on *Freerider* (VI 5.12d), Yosemite National Park, CA.  TIM KEMPLE (inset on next page) Tommy Caldwell  MATT LAW

HEART ATTACK

BY TOMMY CALDWELL

A bead of sweat ran down my forehead. I blinked rapidly and tears ran down my cheek. Was I crying or sweating? Considering where I was, probably both. A couple of feet below was a large roof and then 2,000 feet of air to El Cap's base. In the last 60 feet of free climbing there were two pieces of gear: an upside-down Stopper slotted between two face holds, and a shallow in-situ Pecker slung with a rotten, faded pink sling. A crack was just inches out of reach but, too chicken to commit to the tenuous, irreversible 5.13 moves to the crack, I had been stuck in the same spot for over an hour. "What had I gotten myself into?"

IN THE LAST 60 FEET OF FREE CLIMBING THERE WERE TWO PIECES OF GEAR

The idea to try to free *El Corazon* ground-up sounded good last week when we were bouldering on the woody in our garage. In an era where most free ascents of El Cap are pre-rehearsed, pre-stashed and pre-ticked, ground-up sounded like a good, adventurous way to try it. I wanted something more than the usual power top-roping session where everything on the climb from the next cam placement to the next hard pitch becomes a known quantity. I wanted a bigger

challenge—to be committed to the route, with no fixed ropes, prior knowledge or easy escape.

We were on Day Four and still had most of the hard climbing ahead of us. The last four pitches had taken us two full days. Why? The topo we had pulled off the Internet showed there were lots of fixed pins. There weren't—someone had removed them. Armed with only a free-climbing rack, I initially thought we were shut down. But, with some creative use of Micro Stoppers and #000 and #00 C3s, I had managed to sketch my way between some

huge 30-foot runouts up blind, shallow 5.12+ dihedrals. I was willing to risk huge falls on these runout traversing pitches, but I wasn't about to have Beth do the same. So we devised a super-involved plan that, though labor intensive and extremely time-consuming, would keep the second safe. These complicated logistics meant that each of the traversing pitches took *half* a day—at this pace we would be at the top in about three weeks.

In 2005, after I freed El Cap twice in a day, I had said that it felt like a crag to me. How ignorant I had been. This didn't feel *anything* like a crag—I felt intimidated

and strung out. But then again, I had asked for this. In some remote corner of my mind I craved this kind of adventure—I wanted, *needed* to be humbled and pushed hard. But maybe I should've saved it for Patagonia or Alaska, where epics are expected, or taken the easy way out and done a well-traveled, safe free route like *El Nino*.

Now here I was on *El Corazon*, looking at taking a 60 footer (*if* my crappy placements held) that would leave me spinning 2,000 feet in space and probably yank Beth through the belay. I looked back at the upside-down nut, tried to imagine that it was closer and better than it actually was, tried to psych myself up to commit to the 5.13 sequence... and then hesitated for another 45 minutes. This was getting ridiculous. What made me think I could do the most notoriously scary free route on El Cap this way? I guess it was ego. I must be careful of that.



Tommy Caldwell, and his wife, Beth Rodden, completed their ground-up free ascent of El Corazon (VI 5.13b) "after seven epic days on the route, bloody and utterly exhausted." A mere three days later he sent its neighboring free line, Golden Gate (VI 5.13b) in a record 20 hours, taking only two falls.



BIG GUN < NEW >

The ultimate big wall, aid climbing harness, the new Big Gun is loaded with features to make your long days laboring in the vertical more comfortable and efficient. Organization of monster nailing racks is A1-simple on the Big Gun's seven color-coded gear loops. Two belay loops (color coded, as well) ensure simple, separate connections with daisies or a belay device, and the haul loop is rated to 15 kN. The bullhorn-shaped waistbelt (five inches wide in the crucial-to-comfort lumbar region) is constructed with ultra-luxurious thermoformed dual-density foam, and the leg loops are fully adjustable and removable—a must-have for fine-tuning fit over layers, scoring some solid zzz's on the portaledge or using the big-wall lavatory. The Big Gun comes with a holster (and two holster slots) to stow your hammer when you're not slinging iron.

SIZES: S, M, L, XL
WEIGHT: 580 G (1 LB 4 OZ) MEDIUM
COLOR: TEQUILA GOLD
BIG GUN #651030 \$99.95

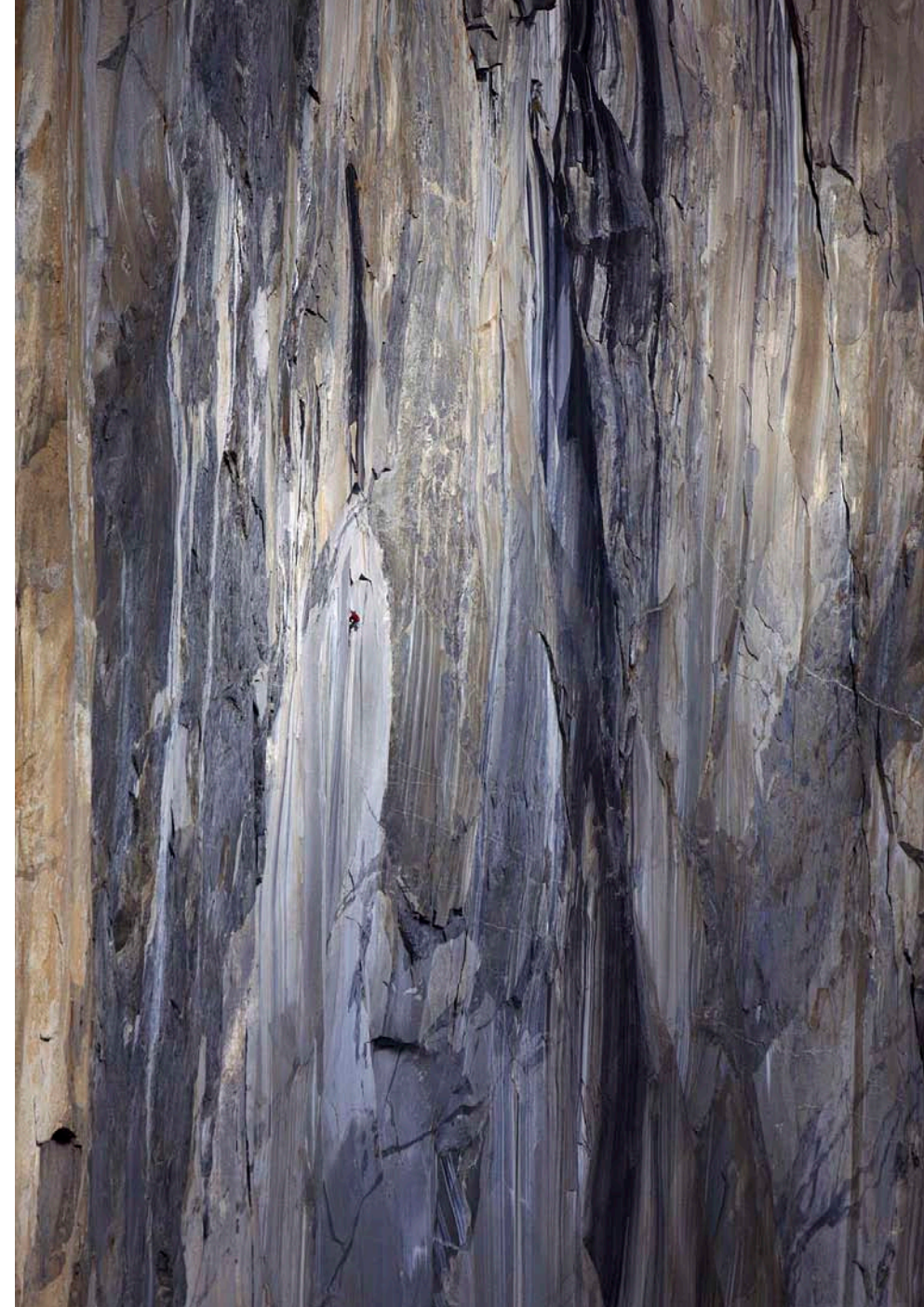


ZODIAC GEAR SLING

For strangle-free rack management, the Zodiac's two padded slings keep gear out of your way and distribute weight evenly across your back. It has a fleece lining for breathable comfort and a handy back pocket.

SIZES: S/M, M/L
WEIGHT: 115 G (5.3 OZ)
ZODIAC GEAR SLING #660050 \$29.95

 **SEE MORE PRODUCT AND INFO**
www.bdel.com/bigwall



Climbers making their way up *Zodiac* (VI 5.7 A2+), Yosemite National Park, CA.  BRENDAN NICHOLSON



ZION, TOUCHSTONE & STUBBY

The big wall pigs you love to loathe, Black Diamond's trio of haul bags—the cavernous 145-liter Zion, 70-liter Touchstone and 35-liter Stubby—are built for a beating. All three are made from durable vinyl-laminated nylon, and have hip belts and shoulder straps that are padded with two-centimeter EVA foam and quickly tuck away for snag-free hauling. The bags' double-walled skirts provide waterproofing and quick access to your gear—be it rain gear, extra pins or a King Cobra.

WEIGHT: ZION – 4.29 KG (9 LB 8 OZ)
TOUCHSTONE – 2.44 KG (5 LB 4 OZ)
STUBBY – 1.81 KG (3 LB 15 OZ)
VOLUME: ZION – 145 L (8848 CU IN)
TOUCHSTONE – 70 L (4272 CU IN)
STUBBY – 35 L (2136 CU IN)

ZION #810280 \$194.95
TOUCHSTONE #810275 \$149.95
STUBBY #810270 \$99.95



DELUXE FLYS

These flies are built for the worst weather in the vertical world. Fully enclosed for secure weather protection in epic conditions, Deluxe Flies use a waterproof, RF-welded clip-in point, conveniently labeled “Wall Side” and “Air Side” for rigging in to the main anchor correctly the first time. The Deluxe Flies’ poles easily slide into the built-in guides for speedy set up in a full-blown, how-the-hell-are-we-going-to-get-out-of-this storm, and an awning with a moldable copper wire in the brim provides maximum ventilation. For added protection and durability, Deluxe Flies have taped seams and 1260 Ballistics reinforcements along the wall side and on all four corners, which also have generously-sized, reinforced tie downs for securing the ledge in high winds. You can keep an eye on the weather through the sewn-in windows.

WEIGHT:

SINGLE FLY WITH STUFF SACK – 3.1 KG (6 LB 12 OZ)

DOUBLE FLY WITH STUFF SACK – 3.9 KG (8 LB 9 OZ)

DELUXE SINGLE FLY #810457 \$399.00

DELUXE CLIFF CABANA DOUBLE FLY #810458 \$449.00



SIMPLE FLYS

Don't think the weather is going to be super-gnar? In a ready-to-deploy stuff sack with a waterproof, RF-welded clip-in point labeled “Wall Side” and “Air Side,” you'll have the Simple Fly set up in no time—which sometimes may be all you have. Made from 210d double ripstop, it uses a basic pull-over design with a double drawcord closure and includes a pole and two under-the-ledge straps for securing the fly to the portaledge in high winds. All seams are factory taped and the wall-side corners are reinforced with 1260 Ballistics.

WEIGHT:

SINGLE FLY WITH STUFF SACK – 2.3 KG (5 LB 1 OZ)

DOUBLE FLY WITH STUFF SACK – 2.7 KG (6 LB)

SIMPLE SINGLE FLY #810455 \$199.95

SIMPLE CLIFF CABANA DOUBLE FLY #810456 \$249.95

CLIFF CABANA DOUBLE PORTALEDEGE

A great place to get horizontal while in the vertical, the Cliff Cabana is strong, stable, reliable and easy to set up. The fabric is double ripstop 420d nylon with 1260 Ballistics reinforcements and clip-in points labeled “Wall Side” and “Air Side.” The frame and HotShot connectors are built from 6061 T-6 45 mm (1 ¾ in) machined and anodized aluminum. HotShots make assembly easy with a sixth connector that lets the last pole slide, with a reassuring click, past a rubber bumper and into place. The wall-side connectors are covered with bumpers for durability. The Cliff Cabana levels out using a six-point buckle suspension system, and the spreader bars maintain maximum width, even with two large big-wall masters on board. Further details include: daisy chains and ditty bags for organization and a large, reinforced mesh drain hole built in the center of each bed.

DIMENSIONS: 213 CM X 130 CM (84 IN X 51 IN)

WEIGHT*: 9 KG (19 LB 13 OZ)

*INCLUDES SPREADER BAR AND HAUL SACK

CLIFF CABANA DOUBLE PORTALEDEGE #810451 \$699.95

SINGLE PORTALEDEGE (NOT SHOWN)

The strongest, most reliable single-point suspension sleeping system for one on the market, the Single Portaledge is a stable ledge that's basic to set up and easy to adjust while you're on it—perfect for ensuring a no-hassle, solid-night-of-sleep big wall bivy. It uses double ripstop 210d nylon with 1260 Ballistics reinforcements and the frame is built from double-butt 6061 T-6 45 mm (1 ¾ in) machined and anodized aluminum. The ledge's floor is tightened up using four pull straps, and the whole rig can be dialed-in level using the six-point buckle suspension system.

DIMENSIONS: 213 CM X 80 CM (84 IN X 31.5 IN)

WEIGHT*: 6.8 KG (14 LB 15 OZ)

*INCLUDES HAUL SACK

SINGLE PORTALEDEGE #810450 \$649.95



HOTSHOT CONNECTORS FOR QUICK & SECURE SETUP



DAISY CHAINS AND DITTY BAGS FOR ORGANIZATION







TREKKING POLES

“No need to try and stay dry—it’s impossible due to the rain, snow and sweat, as we shuttle 80-pound haul bags for 40 miles. Massive unclimbed walls peer back at me with a raised brow, dark and eerie in the distance. Not one sign of human or animal on this delicate moraine and dirty glacier approach. This will be my brother Andy’s first climb: a big wall FA on the China/Kyrgyzstan border with no possibility of rescue.

Mom is going to be really f#&%ing pissed off if something goes wrong.”

—MIKE LIBECKI, WHO HAS CLIMBED BIG WALL FIRST ASCENTS ALL OVER THE WORLD, USED BD’S CONTOUR ELLIPTIC SHOCK TREKKING POLES TO NAVIGATE THE EPIC APPROACH TO THE *TOMBSTONE WALL* (VI 5.10 A3) IN THE MILITARY-RESTRICTED WESTERN KOKSHAAL-TAU MOUNTAINS OF CHINA.

REVOLUTIONARY SHOCK TECHNOLOGY



Four-stage Progressive Shock Control handles hard plants and light strikes.



Goodbye springs—umbrella air valve provides a controlled rebound with zero pogo-ing.



Under-the-grip positioning of shock optimizes the pole’s swing weight.



Albert Leichtfried approaching to the basecamp of Chile's Cerro Marmolejo (6085 m) before putting up *Senda Real* (WI 7+). © HERMANN ERBER

STRONG AND SECURE

ELLIPTIC APPROACH

CONTOUR ELLIPTIC CARBON < NEW >

Sleek, light and stiff, the new Contour Elliptic Carbon is our high-end, year-round trekking and snowshoe pole, designed with an elliptic shaft (double the fore/aft stiffness of a traditional round pole) plus the added boost of carbon fiber in the upper section. The 360-degree padded Nubuck straps and dual-density grip tops provide all-day comfort, variable hand positioning and steep descent control. For all-season versatility, the poles' dual FlickLocks offer a secure, jackrabbit-fast adjustment with zero slippage, and can be easily operated—even with gloves on. The Contour Elliptic Carbons come with Long Flex Tips and both low-profile trekking and powder baskets.

LENGTHS: USABLE RANGE—68.5-140 CM (27-55 IN)

COLLAPSED LENGTH—62.5 CM (25 IN)

WEIGHT: 536 G (1 LB 3 OZ)

CONTOUR ELLIPTIC CARBON #112030 \$149.95

CONTOUR ELLIPTIC SHOCK < NEW >

CONTOUR ELLIPTIC SHOCK COMPACT < NEW > (NOT SHOWN)

Incorporating BD's revolutionary shock-absorbing technology, the new Contour Elliptic Shock has, well, shocked the trekking pole world. Built using patent-pending Control Shock Technology™ (CST), the pole's progressive four-stage shock absorption handles hard compression without bottoming out. The CST's unrivaled dampness absorbs light and medium strikes without the ineffective pogo-ing rebound of inferior shock systems. The patent-pending external design maximizes pole collapsibility and is stealthy quiet, meaning no more “click, clack, click, clack” associated with other shock-absorbing trekking poles. Additionally, the elliptic shape of the pole provides twice the fore and aft stiffness of round-shafted poles. The Contour Elliptic Shocks also feature dual FlickLocks for solid and sure adjustments, dual-density grip tops, foam grip extensions, 360-degree Nubuck straps, Long Flex Tips and trekking baskets. It also comes in a Compact model, which is a shorter, 125 cm version with reduced grip size for smaller hands.

LENGTHS: ELLIPTIC SHOCK USABLE RANGE—76-140 CM (30-55 IN); COLLAPSED LENGTH—68 CM (27 IN)

ELLIPTIC SHOCK COMPACT USABLE RANGE—70-125 CM (27.5-49 IN); COMPACT COLLAPSED LENGTH—62 CM (24.5 IN)

WEIGHTS: ELLIPTIC SHOCK 664 G (1 LB 8 OZ)

ELLIPTIC SHOCK COMPACT—632 G (1 LB 6 OZ)

CONTOUR ELLIPTIC SHOCK #112031 \$129.95

CONTOUR ELLIPTIC SHOCK COMPACT #112032 \$129.95



CONTOUR ELLIPTIC CARBON

CONTOUR ELLIPTIC SHOCK

CONTOUR ELLIPTIC < NEW >
CONTOUR ELLIPTIC COMPACT < NEW >

Equally adept on snow, dirt and rock, the new Contour Elliptic is a strong, versatile, high-mileage pole built for comfortable and secure navigation across variable terrain. Thanks to its elliptic shaft, the pole has twice the fore and aft stiffness of round-shafted poles. For increased comfort, the Contour Elliptic features a 15-degree corrective angle, 360-degree padded webbing, and ergonomic ovalized foam grip. The pole's dual FlickLock® adjustment is efficient and simple to operate even with gloves on...in the dark...in a rainstorm...with 40-mph wind gusts. On the business end, the pole comes outfitted with Long Flex Tips and easy-to-swap-out trekking and powder baskets for year-round hiking versatility. The Compact is a shorter, 125 cm version with reduced grip size for smaller hands.

LENGTHS: CONTOUR ELLIPTIC USABLE RANGE—76-140 CM (30-55 IN); COLLAPSED LENGTH—70 CM (27 IN)
CONTOUR ELLIPTIC COMPACT USABLE RANGE—69-125 CM (27-49 IN); COLLAPSED LENGTH—64 CM (25 IN)

WEIGHTS: CONTOUR ELLIPTIC—564 G (1 LB 4 OZ)
CONTOUR ELLIPTIC COMPACT—524 G (1 LB 2 OZ)

CONTOUR ELLIPTIC #112033 \$109.95
CONTOUR ELLIPTIC COMPACT #112034 \$109.95

SYNCR0 ELLIPTIC < UPDATED >

Full of features at an affordable price, the redesigned Syncro utilizes Elliptic Technology for rapid, smooth and foolproof adjustments with the Auto-Lock Binary™ and FlickLock systems. For control with chafe-free, the-hills-are-alive-with-the-sound-of-music, all-day comfort, the Syncro features an updated foam grip and 360-degree padded webbing. On the other end, it's equipped with a Short Flex Tip and a low-profile, non-snagging trekking basket.

LENGTHS: USABLE RANGE—101-140 CM (40-55 IN)
COLLAPSED LENGTH—63 CM (25 IN)

WEIGHTS: 566 G (1 LB 4 OZ)
SYNCR0 ELLIPTIC #112013 \$99.95



CONTOUR ELLIPTIC COMPACT
(COLLAPSED)

CONTOUR ELLIPTIC

SYNCR0 ELLIPTIC





ALPINE CF

ALPINE CF SOLO

LIGHTWEIGHT AND VERSATILE

FLICKLOCK MOUNTAIN

ALPINE CF

Our dampest and quietest trekking pole, the triple-section Alpine CF is also the lightest. The Alpine CF is built with three vibration-absorbing carbon fiber sections and a streamlined dual-density grip top for increased palming and downhill control. This pole offers grip variations for extended-use comfort, a non-slip foam grip with lower extension for choking up on steeper terrain and comfy 360-degree Nubuck webbing. FlickLocks, top and bottom, provide fast and easy adjustments, and a Long Flex Tip with either the low-profile, non-snagging trekking or powder baskets allow year-round snowshoe and hiking versatility.

LENGTHS: USABLE RANGE—62.5-130 CM (25-51 IN)
COLLAPSED LENGTH—62.5 CM (25 IN)

WEIGHT: 498 G (1 LB 1 OZ)

ALPINE CF #112045 \$129.95

ALPINE CF SOLO

Add a third leg for nasty or involved alpine approaches with the Alpine CF Solo, a three-section carbon fiber crutch sold as a single. Its compact 59 cm (23 in) length and lightweight design lets you store it easily inside or outside of climbing packs. The Alpine CF Solo has all the features of the Alpine CF, as well as a unique oversized cork grip top for great palming and downhill control.

LENGTHS: USABLE RANGE—59-115 CM (23-45 IN)
COLLAPSED LENGTH—59 CM (23 IN)

WEIGHT: 260 G (9.0 OZ)

ALPINE CF SOLO #112046 \$69.95



TRAIL SHOCK < NEW >

Incorporating BD's cutting-edge, patent-pending Control Shock Technology, the Trail Shock's progressive, four-stage shock absorbs light strikes and heavy hits without pogo-rebounding or bottoming out. Crafted with a traditional round shape, the Trail Shock is ninja-in-the-night quiet and, thanks to its dual FlickLocks, as secure and solid as Fort Knox. All-day comfort is maximized with its dual-density grip, 360-padded strap and foam extension on the shaft for when the going gets steep. The Trail Shock comes equipped with a Long Flex Tip and low-profile trekking basket.

LENGTHS: USABLE RANGE—68-140 CM (27-55 IN)
COLLAPSED LENGTH—66.5 CM (26 IN)

WEIGHT: 584 G (1 LB 4 OZ)

TRAIL SHOCK #112053 \$99.95

TRAIL

TRAIL COMPACT (NOT SHOWN)

An easy-to-use, comfortable pole offering year-round versatility, the Trail now comes equipped with our new 360-degree padded webbing for all-day comfort. An excellent value, the Trail features glove-friendly dual FlickLocks, a non-slip foam grip with lower extension for choking down on steeper terrain, a Long Flex Tip, and both a low-profile, non-snagging trekking basket and a winter-specific powder basket. The Compact is a shorter, 125-centimeter version with a reduced grip size for smaller hands.

LENGTHS: TRAIL USABLE RANGE—63.5-140 CM (25-55 IN); COLLAPSED LENGTH—63.5 CM (25 IN)
TRAIL COMPACT USABLE RANGE—59-125 CM (23-49 IN); COLLAPSED LENGTH—59 CM (23 IN)

WEIGHTS: TRAIL—516 G (1 LB 2 OZ)
TRAIL COMPACT—500 G (1 LB 1.5 OZ)

TRAIL #112049 \$79.95

TRAIL COMPACT #112051 \$79.95

TRAIL BACK < NEW >

A minimalist pole, the Trail Back is nevertheless versatile, thanks to its usage of four-season, glove-friendly dual FlickLocks. The Trail Back is designed with a traditional round shape, rubber grip and nylon webbing strap. It also comes with a year-round Long Flex Tip and both low-profile, non-snagging trekking and powder baskets.

LENGTHS: USABLE RANGE—62.5-140 CM (27-55 IN)
COLLAPSED LENGTH—66.5 CM (26 IN)

WEIGHT: TRAIL BACK—564 G (1 LB 4 OZ)

TRAIL BACK #112054 \$69.95




TRAIL SHOCK

TRAIL

TRAIL BACK



Ermanno Salvaterra on Aguja Standhardt, Patagonia, Argentina.  ROLANDO GARIBOTTI



PACKS

“Sweaty and chilled from my long hike through the snow-covered trails of the Khumbu, I step into the small teahouse. “*Didi!*” comes the chorus from the Sherpas that fill the room. These locals at the climbing school, many of whom have summited Everest numerous times, have quickly taken to me as their sister (*didi*). Platters of nack cheese, boiled potatoes, butter and homemade muffins litter the tables. Mouths full of giant smiles greet me as I drop my pack and join the feast.”

—HEIDI WIRTZ, WHO HAS VOLUNTEERED AS AN INSTRUCTOR AT THE KHUMBU CLIMBING SCHOOL DEEP IN THE MOUNTAINS OF NEPAL FOR THE PAST THREE YEARS, USED THE SPEED 40 PACK TO CARRY HER ICE GEAR FROM THE TEAHOUSE TO THE CLIMBS EVERY DAY.

SPEED 40 — PACKED WITH FEATURES



Hip belt is minimally padded (perfect for when your load is light) and easily removable (perfect for when you need it even lighter).



Haul straps provide a three-point attachment point so that the pack can be quickly and securely hand hauled on difficult pitches.



Top pocket is adjustable/removable via unique hook/webbing system for ultralight summit-push missions.



QUANTUM 65, 55, 45

The ultimate blend of light weight and load-carrying ability in a technical alpine pack, the Quantum comfortably hauls heavy loads in the high peaks using our fully modular V-Flex suspension system that conforms to your back. Cushy 15 mm foam is used in the ergonomically-curved shoulder straps and 14 mm in the waistbelt with additional, stiffer foam added on pressure points for weight distribution. It's built with ultralight, durable and water-shedding VX 21 Dimension Polyant laminated fabric and lined with lightweight 30d SilNylon. For summit pushes, alpinists can minimize the Quantum by removing the V-Flex suspension, top lid, waistbelt and crampon straps. Additional lightweight, webbing waistbelt included.

TORSO SIZES: S/M – 41-48 CM (16-19 IN); M/L – 47-55 CM (18.5-21.5 IN)
VOLUMES: 65 L (3967 CU IN); 55 L (3357 CU IN); 45 L (2746 CU IN)
STOCK WEIGHTS: 65 L—1.74 KG (3 LB 3 OZ)
 55 L—1.59 KG (3 LB 8 OZ)
 45 L—1.47 KG (3 LB 7 OZ)
STRIPPED WEIGHTS: 65 L—910 G (2 LB)
 55 L—860G (1 LB 14 OZ)
 45 L—820 G (1 LB 13 OZ)

COLOR: DOLOMITE
QUANTUM 65 L #681006 \$249.95
QUANTUM 55 L #681007 \$239.95
QUANTUM 45 L #681008 \$229.95

PREDATOR 50

Born to handle copious amounts of gear on an alpine ascent, the Predator is designed for mobility, maximum function and durability. Built with a combination 420d nylon and 1260 Ballistics for unsurpassed abrasion resistance, the Predator's exterior features side-zip access, mesh helmet holder, ice tool PickPockets, dual ski slots, and a crampon pouch. The shoulder straps and waistbelt are padded with 15 mm of foam throughout with a two-layer composition at pressure points. The removable V-Flex suspension provides comfort under heavy loads by efficiently transferring weight without restricting freedom of movement. The lid is also removable for stripped-down summit pushes.

TORSO SIZES: S/M—41-48 CM (16-19 IN); M/L—47-55 CM (18.5-21.5 IN)
VOLUME: 50 L (3052 CU IN)
STOCK WEIGHT: 50 L—1.81 KG (3 LB 15 OZ)
STRIPPED WEIGHT: 50 L—1.0 KG (2 LB 3 OZ)
COLORS: CHILI PEPPER OR MUSTARD
PREDATOR 50 L #681047 \$194.95



SPHYNX 42, 32

A ready-for-anything top-loader with a low-profile design and clean lines, the Sphynx has plenty of room for your winter mountain gear yet is versatile enough for all-season use. Built from tough 420d nylon and equipped to carry technical gear, the Sphynx is decked with a bevy of features: three-point haul system, rope strap, dual ski slots and PickPocket™ ice tool holders that hold four tools. Its removable 20 mm (¾ in) aluminum stay, high-density foam back panel, and thermoformed shoulder straps and waistbelt provide a comfortable carry.

TORSO SIZES: S/M—41-48 CM (16-19 IN); M/L—47-55 CM (18.5-21.5 IN)
VOLUMES: 42 L (2563 CU IN); 32 L (1953 CU IN)
STOCK WEIGHTS: 42 L—1.59 KG (3 LB 8 OZ)
 32 L—1.57 KG (3 LB 7 OZ)
STRIPPED WEIGHTS: 42 L—1.04 KG (2 LB 5 OZ)
 32 L—1 KG (2 LB 3 OZ)
COLORS: BLACK, CHILI PEPPER OR MUSTARD
SPHYNX 42 L #681028 \$149.95
SPHYNX 32 L #681027 \$149.95



SPEED 40, 30 < NEW >

All-purpose, spartan rucksacks for mountain use, the top-loading Speed 40 and 30 are perfect choices for all-day missions in the Rockies, Sierras or White Mountains. The Speed 40, designed with a deluxe V-Lite suspension, can be pared down for light-and-fast summit pushes by removing the pack's top pocket and padded hip belt, while the 30 can be stripped to flyweight class thanks to its removable top pocket, hip belt, framesheet and stay. Both the 40 and 30 are built with water-shedding 210d nylon (plus 400d on high-abrasion areas), have dual ice axe attachments, crampon patches, are hydration compatible, and come in multiple torso lengths.

TORSO SIZES: S/M—41-48 CM (16-19 IN); M/L—47-55 CM (18.5-21.5 IN)
VOLUMES: 40 L (2441 CU IN); 30 L (1831 CU IN)
STOCK WEIGHTS: 40 L—1.1 KG (2 LB 8 OZ)
 30 L—1 KG (2 LB 3 OZ)
STRIPPED WEIGHTS: 40 L—690 G (1 LB 8 OZ)
 30 L—584 G (1 LB 4 OZ)
COLORS: 40 L: BLACK OR MUSTARD
 30 L: BLACK OR BURNT ORANGE
SPEED 40 #681017 \$129.95
SPEED 30 #681016 \$119.95





INSTINCT < NEW >

A versatile, multi-sport panel loader, the Instinct is designed to handle any daylong mountain adventure you can cook up. The stretch pocket on the front is perfect for stashing a helmet or jacket, while the two stretch side pockets provide quick access to water bottles, energy bars or a point-and-shoot camera. It's easy to fish items out of the pack thanks to its large panel access, and the four compression straps cinch the contents into a stable load. Zippered top pocket, dual ice axe loops, hydration compatibility, rope strap and multiple torso lengths round out this versatile pack's features.

TORSO SIZES: S/M—41-48 CM (16-19 IN)
M/L—47-55 CM (18.5-21.5 IN)

VOLUME: 28 L (1709 CU IN)
WEIGHT: 1.23 KG (2 LB 11 OZ)
COLORS: BLACK, BURNT ORANGE OR GREEN OLIVE
INSTINCT #681039 \$99.95



RPM

Designed for constant movement on big days, the lightweight RPM features a highly compressible, ergonomic design so it moves with you, whether you're climbing the *Beckey-Chouinard* in the Bugs, third-class scrambling along the Teton's *Cathedral Traverse*, or trail running/peak bagging in RMNP's high country. It's constructed from water-shedding 210d SilNylon ripstop fabric with perforated, multi-density foam in the shoulder straps and a back panel for breathable comfort. A removable webbing waistbelt, two ice axe loops, cold-weather shockcord and mesh side pockets provide convenient carrying.

TORSO SIZES: S/M—41-48 CM (16-19 IN)
M/L—47-55 CM (18.5-21.5 IN)

VOLUME: 26 L (1587 CU IN)
STOCK WEIGHT: 570 G (1 LB 4 OZ)
STRIPPED WEIGHT: 500 G (1 LB 2 OZ)
COLORS: BLACK, DOLOMITE OR MUSTARD
RPM #681041 \$99.95



FLASH

An ultralight, hydration-compatible mini pack, the 210-gram Flash offers structured support with its perforated, highly breathable, multi-density foam shoulder straps and back panel. Built from element-shedding 30d SilNylon, the Flash is equipped with shockcord compression for cinching the pack down or stashing wet clothes. It also has double-layer exterior side pockets that are accessible without taking the pack off when you're reaching for a camera, energy gel, GPS or lip balm during superlight go-fast outings.

VOLUME: 9 L (549 CU IN)
WEIGHT: 200 G (7 OZ)
COLORS: CHILI PEPPER, DOLOMITE OR MINERAL YELLOW

FLASH #681042 \$59.95



MAGNUM < NEW COLOR >

A lightweight daypack, the Magnum is a larger 16-liter version of our ultralight Bbee daypack. It is constructed from 210d nylon fabric and includes two mesh, side water-bottle pockets that are easy to access on the move and a front shockcord for stashing wet clothes.

VOLUME: 16 L (976 CU IN)
STOCK WEIGHT: 410 G (14.5 OZ)
STRIPPED WEIGHT: 400 G (14.1 OZ)
COLORS: BLACK, BURNT ORANGE OR DOLOMITE
MAGNUM #681003 \$49.95



Tommy Caldwell on the approach to Oz (5,100'), Tuolumne Meadows, CA. BOONE SPEED



HUEY 150, 100, 60

Combining strength, durability and portability with monstrous volumes, these rugged travel duffels made from RhinoTek material are designed to carry your sharp and beloved expedition gear. The Hueys feature stowable, padded shoulder straps and dual-zippered tops that fold back completely for easy access. Two internal mesh pockets keep the small stuff sorted, and ID windows keep dibs on your bag.

VOLUMES: 150 L (9154 CU IN)
100 L (6102 CU IN)
60 L (3661 CU IN)
WEIGHTS: 150 L—2.65 KG (5 LB 13 OZ)
100 L—2.0 KG (4 LB 7 OZ)
60 L—1.65 KG (3 LB 10 OZ)

COLORS: BLACK OR GRAY
HUEY 150 L #680080 \$149.00
HUEY 100 L #680081 \$129.00
HUEY 60 L #680082 \$119.00





East Ridge of the Grand Teton. © GREG VON DOERSTEN (inset on next page) Jack Tackle © CHARLIE SASSARA

LEARNING TO CRAWL

BY JACK TACKLE

S ometime around 3 a.m. the borrowed 1969 Bell motorcycle helmet that had served as my “pillow” suddenly rolled out of our forced bivouac and rocketed down the black abyss of the north face of the Grand Teton... so did my water bottle. Teamed up with my friends Art and Wayne in 1974 for an ascent of the Grand’s East Ridge, it had taken us all day just to reach a small cave above the Molar’s Tooth—barely a third of the way up the convoluted 4,000-foot 5.7+ route. The first ascent of the East Ridge had been done in 1929 in a day and, in 1936, Paul Petzolt had done the first descent of the route in a day as well, reportedly wearing cowboy boots. Yes, there were three of us, and, yes, there was lots of snow still on the route, but we had belayed every single pitch and were moving like snails on Quaaludes. None of this should have been surprising since I had never climbed any mountain by any route—in fact, this was the first for all three of us.

As the sun rose over Jenny Lake the next morning and the warmth returned to our wrecked bodies (somehow I had survived the cold night at 12,000 feet in my cotton army-surplus clothing), we started off for the summit. Packing didn’t take long—we had no water, food, stove or bivy gear. Our route finding

and speed improved slightly and we summited late in the day to much rejoicing—only to botch the down climb, choosing the wrong gully and thus descended into night Number Two. Instead of sitting down and freezing our asses off again, we kept moving all night (sans headlamps), kicking steps in bulletproof snow with our heavy mountain boots, facing in, with no ice axes or crampons (a technique we had “learned” two days prior from pictures in *Mountaineering: Freedom of the Hills* before leaving the parking lot). By mid-morning of the third day, completely worked and starving, we stumbled back to our tent at the base of the route. I fell asleep without drinking or eating anything—my first climb, my first epic was finally over.

Since that day I became slightly more adept at the game of alpine climbing, including guiding for Exum Mountain Guides since 1982. I estimate I’ve now managed to climb the Grand at least 250 times, and during all these years of trudging up and down the peak’s steep and rugged eight-mile approach, I have often seen unmistakably inexperienced climbers laboring under enormous frame packs bursting with 70-plus pounds of huge tents, fat

ropes, 75 cm ice axes, big wall racks of climbing gear, and dangling helmets and chalk bags. I can’t help but sympathetically smile and shake my head, remembering my own similar, unforgettable level of inexperience on the Grand’s East Ridge.

Just as Wayne, Art, and I did in 1974, these novice climbers, overloaded and under-experienced, are sure to have an epic of some degree—which I don’t think is necessarily a bad thing. A sage old friend and mentor once told me: “Good judgment is only as a result of having survived bad judgment.” But how do you survive to acquire this good judgment without the necessary skills and experience to begin with? Well, you did what we did: look at photos, dream big, put your shit in your pack and go uphill with the excitement, allure and value that climbing mountains provides.

“GOOD JUDGMENT IS ONLY AS A RESULT OF HAVING SURVIVED BAD JUDGMENT.”

“learned” two days prior from pictures in *Mountaineering: Freedom of the Hills*



This past summer, on his 33rd anniversary of “what may be both the slowest and lamest ascent ever of the East Ridge,” Jack Tackle spent a “beautiful day on a spectacular mountain” soloing his old friend the East Ridge as part of a 10-hour car-to-car training day.





SHELTER

“My husband and I work a lot and we can climb a lot. Our time off is dedicated to climbing, not to sitting in a tent for a week waiting out storms. However, we gambled a week of our precious vacation time to climb in the Bugaboos, where notoriously poor weather can shut things down for a month. All we wanted was one good weather day to climb the *Beckey-Chouinard*, the Bugs’s 20-pitch mega-classic—which we did thanks to scoring perfect weather on the first day, as well as the second and the third and the...

Seven days of perfect weather in a row in the Bugaboos—don’t tell anyone.”

—ELLEN POWICK AND HER HUSBAND, KOLIN, LOGGED MORE THAN 12,000 VERTICAL FEET DURING THEIR TRIP TO THE BUGS AND USED THE OASIS TENT AT BASECAMP, PREPARED TO HUNKER DOWN WHEN THE WEATHER WENT SOUTH. IT NEVER DID.

AN OASIS IN A STORM



The 3-in-1 design allows the Oasis to be used in three configurations: canopy/fly, canopy only and fly/groundcloth.



Dual-hub system allows for a simple and speedy tent setup.



Double doors on the integrated vestibule ensure easy access to all of your gear during inclement weather.

VERSATILE, LIGHTWEIGHT AND WATERPROOF

DOUBLELIGHT



MIRAGE (NO FLY)

MIRAGE & OASIS < NEW >

The lightest, strongest double-wall tents we make, the two-person Mirage and three-person Oasis are the optimal shelter for gram-counting backpackers and climbers. The Mirage's integrated vestibule is designed with a unique "side angle," thereby keeping gear nearby and accessible but clear of the doorway. The Oasis has double doors on both the tent and integrated vestibule, providing easy entry/exit and access to all of your gear. These freestanding, three-season tents employ fast-pitch hubs and variable-diameter DAC Featherlite® poles to ensure a simple, speedy setup and, belying their feather weight, unrivaled rigidity in high-wind situations. Built with a 360-degree-view mesh upper and a nylon ripstop lower perimeter for privacy, the Mirage and Oasis have excellent ventilation without feeling too open to the prying eyes of others. For major weight savings the tents can be set up with only the fly and optional ground cloth.

MIRAGE

WEIGHT: PACKAGED—2 KG (4 LB 6 OZ)
TENT AND POLES—1.8 KG (3 LB 15 OZ)
GROUND CLOTH—268 G (10 OZ)

DIMENSIONS: 239 X 147 X 107 X 94 CM (94 X 58 X 42 X 37 IN)
PACKED—48 X 16.5 CM (19 X 7 IN)

AREA: 2.8 SQ M (30 SQ FT)
VESTIBULE: 0.93 SQ M (10 SQ FT)

COLOR: MARIGOLD/GRAY

MIRAGE #810192 \$279.95

MIRAGE GROUND CLOTH #810193 \$39.95

OASIS

WEIGHT: PACKAGED—2.8 KG (6 LB 2 OZ)
TENT AND POLES—2.6 KG (5 LB 11 OZ)
GROUND CLOTH—366 G (13 OZ)

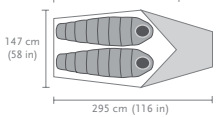
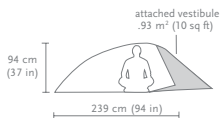
DIMENSIONS: 259 X 211 X 157 X 114 CM (102 X 83 X 62 X 45 IN)
PACKED—48 X 20 CM (19 X 8 IN)

AREA: 3.9 SQ M (42 SQ FT)
VESTIBULE: 1.3 SQ M (14 SQ FT)

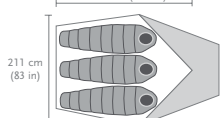
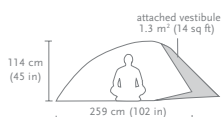
COLOR: MARIGOLD/GRAY

OASIS #810197 \$329.95

OASIS GROUND CLOTH #810198 \$39.95



MIRAGE



OASIS



OASIS FRONT (WITH FLY)

MESA & VISTA

Double-wall tents with outstanding usable space, the Mesa and Vista offer 360-degree views with privacy. These freestanding, three-season rigs feature a mesh canopy for excellent ventilation and star gazing, plus a perimeter of nylon ripstop along the bottom for campground privacy. Choose Mesa for two-person shelter or the larger Vista to accommodate the third wheel. These tents are fast and easy to pitch with external clips and a pole hub system. This single hub system, coupled with variable diameter poles, steepens the tent walls for incredible interior space and provides excellent stability in high winds. For easy living, they feature two full-size side doors and interior organizer pockets. Throw on the seam-taped PU/silicone fly and you've added two vestibules and storm protection.

MESA

WEIGHT: PACKAGED—2.32 KG (5 LB 2 OZ)
TENT AND POLES—2.08 KG (4 LB 9 OZ)
GROUND CLOTH—275 G (10 OZ)

DIMENSIONS: 234 X 147 X X 112 X 112 CM (92 X 58 X 44 X 44 IN)
PACKED—48 X 20 CM (19 X 8 IN)

AREA: TENT—3 SQ M (32.5 SQ FT)
VESTIBULES—1.6 SQ M (18 SQ FT) TOTAL

COLOR: MARIGOLD/GRAY

MESA #810190 \$298.95

MESA GROUND CLOTH #810191 \$39.95

VISTA

WEIGHT: PACKAGED—2.94 KG (6 LB 8 OZ)
TENT AND POLES—2.70 KG (5 LB 15 OZ)
GROUND CLOTH—429 G (15 OZ)

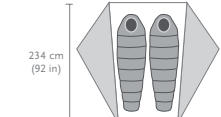
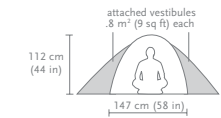
DIMENSIONS: 244 X 218 X 167 X 117 CM (96 X 86 X 66 X 46 IN)
PACKED—48 X 20 CM (19 X 8 IN)

AREA: TENT—4.7 SQ M (50.7 SQ FT)
VESTIBULES—1.6 SQ M (18 SQ FT) TOTAL

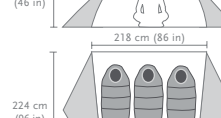
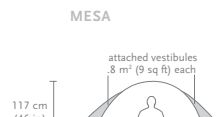
COLOR: MARIGOLD/GRAY

VISTA #810195 \$349.95

VISTA GROUND CLOTH #810196 \$39.95



MESA



VISTA



MESA (NO FLY)



VISTA FRONT (WITH FLY ROLLED BACK)

 **SEE MORE PRODUCT AND INFO**
www.bdel.com/shelter



SKYLIGHT

A three-season tent built with a hybrid single/double-wall construction, the Skylight offers ample room for two people and a very friendly fit for three. The tent's front third has a mesh inner wall for excellent ventilation and a panoramic view. The attached EPIC by Nextec® canopy can be rolled up in nice weather or rolled down for a spacious vestibule and protection in adverse conditions. The rear two-thirds is a single wall of EPIC fabric for breathability and water resistance. Built with double-silicone-coated nylon ripstop fabric, the floor is highly tear and water resistant. The internal DAC Featherlite tent poles offer a high strength-to-weight ratio and keep the tent quiet in gusty conditions. For interior organization, the Skylight has two net pockets.

WEIGHT: PACKAGED—2.26 KG (5 LB)
TENT AND POLES—1.88 KG (4 LB 2 OZ)
GROUND CLOTH—360 G (12.7 OZ)

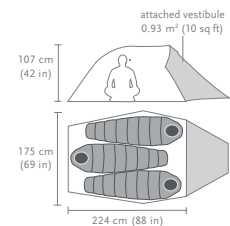
DIMENSIONS: 224 X 175 X 107 CM (88 X 69 X 42 IN)
PACKED—18 X 30 CM (7 X 12 IN)

AREA: TENT—3.4 SQ M (36.6 SQ FT)
VESTIBULE—0.93 SQ M (10 SQ FT)

COLOR: MAIZE

SKYLIGHT #810165 \$449.95

SKYLIGHT GROUND CLOTH #810166 \$39.95



LIGHTHOUSE

A spacious and superlight two-person, three-season tent, the Lighthouse is built on a simple, space-maximizing footprint. Using a two-and-a-half pole design, the Lighthouse walls are steep with awnings on both sides—over the small back window and over the full-size front door, which has a full no-see-um mesh panel for bug-free fresh air in nice weather. The EPIC canopy is breathable, water resistant and packs down small. The floor is built from durable, tear-resistant, double-silicone-coated nylon ripstop. The Lighthouse's two interior net pockets help keep things organized inside.

WEIGHT: PACKAGED—1.74 KG (3 LB 13 OZ)
TENT AND POLES—1.45 KG (3 LB 3 OZ)
VESTIBULE—605 G (1 LB 5 OZ)
GROUND CLOTH—300 G (10.6 OZ)

DIMENSIONS: 221 X 130 X 109 CM (87 X 51 X 43 IN)
PACKED—15 X 23 CM (6 X 9 IN)

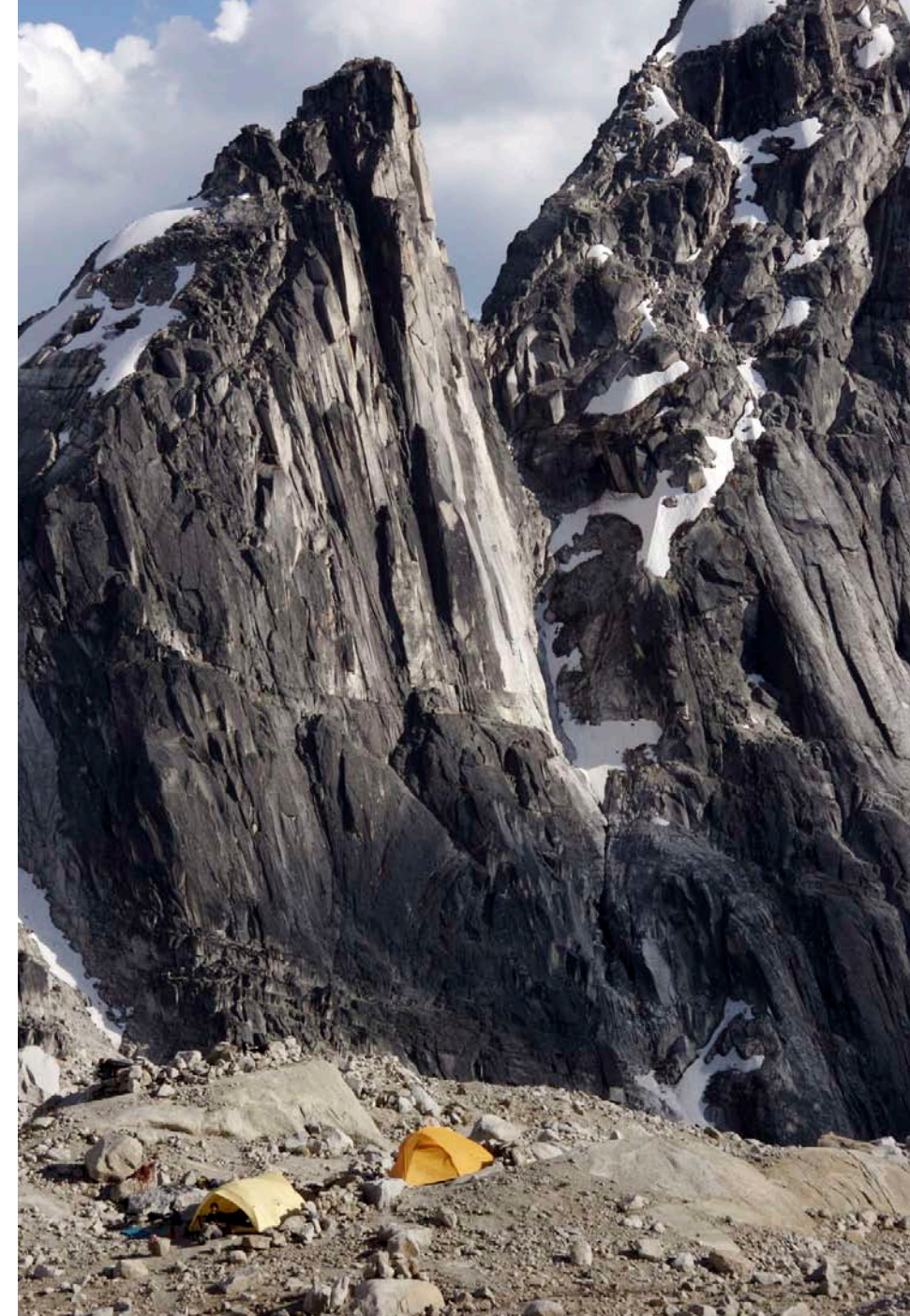
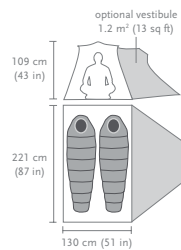
AREA: TENT—2.9 SQ M (30.8 SQ FT)
OPTIONAL VESTIBULE—1.2 SQ M (13 SQ FT)

COLOR: MAIZE

LIGHTHOUSE #810155 \$389.00

LIGHTHOUSE VESTIBULE #810157 \$139.95

LIGHTHOUSE GROUND CLOTH #810025 \$37.95



Basecamp below Crossed Fish Peak and Little Snowpatch, Bugaboos, B.C., Canada. © KOLIN POWICK

ULTRALIGHT, BREATHABLE AND WATERPROOF SUPERLIGHT



LIGHTSABRE

Our Superlight bivy for the gram-counting minimalist concerned with comfort, the Lightsabre combines the Bibler Tripod Bivy design with ultralight, highly packable EPIC water-repellent, breathable canopy fabric and a waterproof SiNylon floor. Three DAC Featherlite aluminum poles lift the canopy off your sleeping bag and away from your head and feet. The Lightsabre has a large zippered entry with a mesh window above your head and a mini-mesh vent under the foot-box awning to keep the critters out and allow fresh air in. Stuff sack included.

WEIGHT: PACKAGED—986 G (2 LB 3 OZ)
BIVY AND POLES—732 G (1 LB 10 OZ)
GROUND CLOTH—170 G (6 OZ)

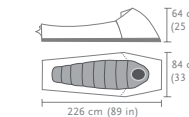
DIMENSIONS: 226 X 84 X 64 CM (89 X 33 X 25 IN)
PACKED—13 X 18 CM (5 X 7 IN)

AREA: 1.9 SQ M (20.4 SQ FT)

COLOR: MAIZE

LIGHTSABRE BIVY #810226 \$199.95

LIGHTSABRE GROUND CLOTH #810215 \$25.00





BIG WALL HOOPED BIVY

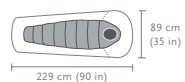
A compact, ultralight, stormproof bivouac sack for sleeping in the vertical, the Big Wall Hooped Bivy uses a sewn-in flexible wire, a dual-slider zipper that opens in the middle and a no-see-um mesh covered opening that gives you some adjustable breathing space. Plus, an RF-welded tie-in point provides total weather protection while you're clipped in. The Big Wall Hooped Bivy is built from waterproof, windproof and breathable ToddTex with a polyurethane-laminated floor. For foul-weather security, the double storm flap and rain gutter use a seamless construction, and all other seams are factory taped.

WEIGHT: BIG WALL STANDARD PACKAGED—860 G (1 LB 14 OZ)
 BIG WALL STANDARD ONLY—730 G (1 LB 10 OZ)
 BIG WALL LONG PACKAGED—950 G (2 LB 2 OZ)
 BIG WALL LONG ONLY—840 G (1 LB 14 OZ)

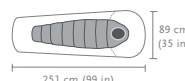
DIMENSIONS: STANDARD—229 X 89 CM (90 X 35 IN)
 LONG—251 X 89 CM (99 X 35 IN)
 PACKED—15 X 33 CM (6 X 13 IN)

COLOR: YELLOW

BIG WALL HOOPED BIVY STANDARD #810208 \$219.95
BIG WALL HOOPED BIVY LONG #810209 \$229.95



STANDARD



LONG

Billy Pierson setting up at 64,000 m on K2's Cassin Route. © DAVID SCHIPPER



AHWAHNEE

The four-season Ahwahnee is our most versatile Bibler tent with two mesh-covered full-size side doors that can be opened all the way up for easy exit/entry and excellent ventilation. With wide awnings over each, the doors are protected from rain and can be left partially open to vent. The incredibly strong and lightweight Ahwahnee is built with a waterproof and breathable ToddTex™ canopy and a polyurethane-laminated nylon floor, and all the seams are factory taped. With two aluminum poles that fit inside the tent, it's easy to pitch and is quiet in high winds. For small-item organization, the Ahwahnee has two interior net pockets. Optional vestibules that work on either side of the tent are available.

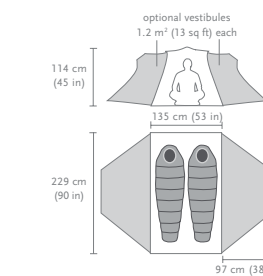
WEIGHT: PACKAGED—3.14 KG (6 LB 15 OZ)
 TENT AND POLES—2.56 KG (5 LB 10 OZ)
 VESTIBULE—612 G (1 LB 6 OZ)
 GROUND CLOTH—321 G (11.3 OZ)

DIMENSIONS: 229 X 135 X 114 CM (90 X 53 X 45 IN)
 PACKED—20 X 48 CM (8 X 19 IN)

AREA: TENT—3.08 SQ M (33.1 SQ FT)
 OPTIONAL VESTIBULE—1.2 SQ M (13 SQ FT) EACH

COLORS: GREEN OR FLAME-RETARDANT GREEN

AHWAHNEE #810130 \$649.95
AHWAHNEE VESTIBULE #810137 \$134.95
AHWAHNEE GROUND CLOTH #810005 \$37.95



FITZROY

Stormproof and stable, the Fitzroy is our strongest two-person, four-season tent. Using an internal four-pole/seven-intersection architecture, coupled with our three-point equalizing guylines design, the Fitzroy is easy to pitch, has steep walls, ample interior space and headroom, and is able to withstand gale-force winds. Above each door, pole-supported awnings cover weatherproof vents for controlled ventilation, even in the heaviest rains. With no-see-um mesh panels, the double doors give an open-air feeling in nice weather. For interior organization, the Fitzroy has four net pockets.

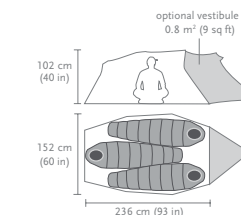
WEIGHT: PACKAGED—3.2 KG (7 LB 1 OZ)
 TENT AND POLES—2.85 KG (6 LB 4 OZ)
 VESTIBULE—612 G (1 LB 6 OZ)
 GROUND CLOTH—334 G (11.8 OZ)

DIMENSIONS: 236 X 152 X 102 CM (93 X 60 X 40 IN)
 PACKED—23 X 48 CM (9 X 19 IN)

AREA: TENT—3.34 SQ M (36 SQ FT)
 OPTIONAL VESTIBULE—0.8 SQ M (9 SQ FT)

COLORS: YELLOW OR FLAME-RETARDANT YELLOW

FITZROY #810030 \$699.00
FITZROY VESTIBULE #810037 \$125.95
FITZROY GROUND CLOTH #810035 \$37.95



SHELTER SPECIFICATIONS

DOUBLELIGHT SERIES— Versatile, lightweight and waterproof, these tents let you choose from three set-up configurations.

	CAPACITY	DOORS	AVERAGE PACKAGED WEIGHT		AVERAGE TENT/FLY/POLE WEIGHT		DIMENSIONS (L X W1 X W2 X H)		AREA		AREA OF VESTIBULE		PACKED SIZE	
			KG	LB, OZ	KG	LB/OZ	CM	IN	M ²	FT ²	M ²	FT ²	CM	IN
MIRAGE	2	1	2	4, 6	1.8	3, 15	239 x 147 x 107 x 94	94 x 58 x 42 x 37	2.8	30	0.93	10	16.5 x 48	7 x 19
OASIS	3	2	2.8	6, 2	2.6	5, 11	259 x 211 x 157 x 114	102 x 83 x 62 x 45	3.9	42	1.3	14	20 x 48	8 x 19
MESA	2	2	2.32	5, 2	2.08	4, 9	234 x 147 x 112 x 112	92 x 58 x 44 x 44	3.0	32.5	0.8 + 0.8	9 + 9	20 x 48	8 x 19
VISTA	3	2	2.94	6, 8	2.70	5, 15	244 x 218 x 167 x 117	96 x 86 x 66 x 46	4.7	50.7	0.8 + 0.8	9 + 9	20 x 48	8 x 19

SUPERLIGHT SERIES— Ultralight, breathable, packable and waterproof single-wall tents for all seasons.

	CAPACITY	DOORS	AVERAGE PACKAGED WEIGHT		AVERAGE TENT/POLE WEIGHT		DIMENSIONS (L X W X H)		AREA		AREA OF VESTIBULE		PACKED SIZE	
			KG	LB, OZ	KG	LB/OZ	CM	IN	M ²	FT ²	M ²	FT ²	CM	IN
GUIDING LIGHT	4	2	2.84	6, 4	2.44	5, 6	229 x 203 x 107	90 x 80 x 42	4.6	50	Optional		18 x 30	7 x 12
SKYLIGHT	2	1	2.26	5	1.88	4, 2	224 x 175 x 107	88 x 69 x 42	3.4	36.6	0.93	10	18 x 30	7 x 12
LIGHTHOUSE	2	1	1.74	3, 13	1.45	3, 3	221 x 130 x 109	87 x 51 x 43	2.9	30.8	Optional		15 x 23	6 x 9
FIRSTLIGHT	2	1	1.5	3, 5	1.22	2, 11	208 x 123 x 107	82 x 48 x 42	2.5	27.3	Optional		15 x 23	6 x 9
HILIGHT	1-2	1	1.42	3, 2	1.18	2, 10	206 x 127 x 102	81 x 50 x 42	2.5	27	Optional		15 x 23	6 x 9
ONESHOT	1	1	1.28	2, 13	1.04	2, 5	216 x 91 x 91	85 x 36 x 36	2	21.25	N/A		15 x 23	6 x 9

BIBLER SERIES— Expedition-duty tents built to function in the harshest mountain conditions imaginable.

	CAPACITY	DOORS	AVERAGE PACKAGED WEIGHT		AVERAGE TENT/POLE WEIGHT		DIMENSIONS (L X W X H)		AREA		AREA OF VESTIBULES (2)		PACKED SIZE	
			KG	LB, OZ	KG	LB/OZ	CM	IN	M ²	FT ²	M ²	FT ²	CM	IN
BOMBSHELTER	4	2	4.42	9, 12	3.99	8, 13	229 x 203 x 112	90 x 80 x 44	4.6	50	1.8 + 1.8	20 + 20	20 x 51	8 x 20
FITZROY	2	2	3.2	7, 1	2.85	6, 4	236 x 152 x 102	93 x 60 x 40	3.34	36	Optional		23 x 48	9 x 19
AHWAHNEE	2	2	3.14	6, 15	2.56	5, 10	229 x 135 x 114	90 x 53 x 45	3.08	33.1	Optional		20 x 48	8 x 19
TEMPEST	2	2	3.26	7, 3	2.84	6, 4	221 x 147 x 113	87 x 58 x 44.5	3	32.25	1.1 + .19	12 + 2	18 x 48	7 x 19
ELDORADO	2	1	2.3	5, 1	2.04	4, 8	221 x 130 x 109	87 x 51 x 43	2.9	30.8	Optional		18 x 48	7 x 19
I-TENT	2	1	2.2	4, 14	1.95	4, 11	208 x 123 x 107	82 x 48 x 42	2.5	27.3	Optional		15 x 48	6 x 19

BIVYS— Low weight, high water resistance, and designed to eliminate condensation and provide ample sleeping space.

	TYPE	AVERAGE PACKAGED WEIGHT		AVERAGE MIN. WEIGHT		DIMENSIONS (L X W X H)		AREA		PACKED SIZE		
		G	LB/OZ	G	LB, OZ	CM	IN	M ²	FT ²	CM	IN	
TRIPOD BIVY		1350	3, 0	1180	2, 10	221 x 89 x 64		92 x 30 x 25	1.9	20	15 x 38	6 x 15
BIPOD BIVY		975	2, 2	830	1, 13	234 x 76 x 51		92 x 30 x 20	1.7	18.5	15 x 33	6 x 13
BIG WALL HOOPED BIVY	Standard	860	1, 14	730	1, 10	229 x 89		90 x 35	2	22		
	Long	950	2, 2	840	1, 14	251 x 89		99 x 35	2.2	24	15 x 33	6 x 13
HOOPED BIVY	Standard	805	1, 12	695	1, 10	229 x 89		90 x 35	2	22		
	Long	890	1, 15	780	1, 12	251 x 89		99 x 35	2.2	24	15 x 48	6 x 19
LIGHTSABRE BIVY		988	2, 2	734	1, 10	226 x 84 x 64		89 x 33 x 25	1.9	20.4	13 x 18	5 x 7
WINTER BIVY		302	0, 10.7	277	0, 9.8	208 x 84		82 x 33	1.75	18.75	8 x 13	3 x 5





ALPINISM

“As with almost all Cascadian adventures, the difficulties start with a groveling approach and I’m cursing myself for having ‘saved weight’ by leaving my lightweight crampons back at the notch.

In the midst of trying an alternate path down 700 feet of horrendous kitty litter, I get separated from Blair and Tom and end up sketched out 40 feet above the glacier. I’m forced into doing a bunch of awkward, scary downclimbing while swinging my axe into the wet choss. All this and we’re still on the approach!”

—**ROGER STRONG**, ALONG WITH BLAIR WILLIAMS AND TOM COE, USED RAVEN PIOLETS DURING THE DICEY APPROACH TO THEIR ONE-DAY FIRST FREE ASCENT OF MOUNT TRIUMPH’S 2400-FOOT *DOORISH ROUTE* (V 5.10+ R) IN THE NORTH CASCADES OF WASHINGTON.

PRECISION PIOLET PERFORMANCE



Investment-cast stainless steel head is streamlined to shave weight.



Ergonomically designed for a comfortable carry and secure grip.



Easily adjustable protection for your axe, spike or adze, made from durable, translucent TPU plastic.





RAVEN WITH GRIP

RAVEN (SHOWN WITH AXE AND SPIKE PROTECTORS)

RAVEN & RAVEN WITH GRIP < UPDATED >

Redesigned with an up to 50 gram reduction in weight, this classic piolet optimizes comfort and ease of use when glacier traveling and mountaineering. Like all of our piolets, the anodized shaft is built from lightweight, aircraft aluminum alloy for high strength. The investment-cast, one-piece stainless steel head is comfortable to wrap your fingers around, and the slim, neutral pick and aggressive teeth are engineered for secure self-arrest. The Raven with Grip is equipped with a Slider Leash and a dual-density, molded grip for when the going gets steep or when you need to chop steps or a bivy platform.

LENGTHS: RAVEN—55, 60, 65, 70, 75, 80, 90 CM
 RAVEN WITH GRIP—55, 60, 65, 70, 75 CM

WEIGHTS: RAVEN—452 G (15.9 OZ) 60 CM
 RAVEN WITH GRIP—485 G (1 LB 1 OZ) 60 CM

RAVEN #410151 \$79.95
 RAVEN WITH GRIP #410157 \$94.95

PICK, AXE AND SPIKE PROTECTORS < NEW >

Easily adjustable, durable protection for your ice tools during transport, these translucent beauties made from TPU plastic will keep your steel sharp and your bags in one piece. The protectors will fit any ice tool you have, regardless of brand or style.

WEIGHT: PICK—16 G (0.6 OZ)
 AXE—39 G (1.4 OZ)
 SPIKE—13 G (0.5 OZ)

PICK PROTECTOR #413002 \$4.95
 AXE PROTECTOR #413000 \$9.95
 SPIKE PROTECTOR #413001 \$4.95



PICK, AXE AND SPIKE PROTECTORS

RAVEN PRO

Created for weight-conscious mountaineers, the full-function Raven Pro is a lighter version of our Raven. Built with an aluminum shaft and a more compact investment-cast stainless steel head and spike, it provides all-around performance.

LENGTHS: 50, 55, 60, 65, 70, 75 CM
WEIGHT: 352 G (12.4 OZ) 50 CM
 RAVEN PRO #410160 \$99.95

RAVEN ULTRA

For fast-and-light ski mountaineering and alpine ascents, the Raven Ultra provides an extra level of security with minimal weight. Its ergonomically-shaped, compact head is investment cast, as is the plug that rims and protects the aluminum shaft. The shaft also has a beveled point for good penetration and security.

LENGTHS: 50, 55, 60 CM
WEIGHT: 338 G (11.9 OZ) 50 CM
 RAVEN ULTRA #410166 \$119.95



The recessed spike of the Raven Ultra prevents snow build-up in the shaft and sports a biner-sized clip-in hole

VENOM ADZE
VENOM HAMMER (NOT SHOWN)

A modular piolet with a curved shaft for technical mountaineers, the Venom plunges into snow, self arrests, and provides solid placements in steep alpine ice. The interchangeable pick design gives you a choice between the Venom Classic Pick and the Venom Tech Pick, which has a more technical reverse curve. Both pick options provide consistent self-arrest performance. The Venom Hammer is equipped with a Tech Pick and the Venom Adze comes with the Classic Pick. A Lockdown Leash is included with both.

LENGTHS: ADZE—50, 57, 64 CM
 HAMMER—50, 57 CM

WEIGHT: ADZE: 493 G (1 LB 1 OZ) 50 CM WITHOUT LEASH
 HAMMER: 498 G (1 LB 2 OZ) 50 CM WITHOUT LEASH

VENOM ADZE #412080 \$129.95
 VENOM HAMMER #412081 \$129.95



RAVEN ULTRA

RAVEN PRO

VENOM ADZE



NEVE STRAP



NEVE STRAP
NEVE PRO (NOT SHOWN)

This lightweight aluminum crampon is ideal for mountain snow travel where steel crampons would be overkill. It features reduced point lengths and a flexible, spring-steel center bar for easy trekking. The Neve is offered in a Pro version for boots with a front toe welt, as well as a Strap version for hiking boots and approach shoes. It is not intended for use on waterfall ice or rock. ABS plates included.

ONE SIZE: US MEN'S 4-12 / EURO MEN'S 34-46
WEIGHTS: PRO—610 G (1 LB 5.5 OZ) WITHOUT ABS, 722 G (1 LB 9 OZ) WITH ABS
 STRAP—480 G (1 LB 1 OZ) WITHOUT ABS, 585 G (1 LB 5 OZ) WITH ABS
NEVE PRO #400063 \$159.95
NEVE STRAP #400062 \$149.95

CONTACT STRAP

For ice and snow travel, the lightweight Contact crampon is ideal for mountaineers, skiers and hikers. Its compact, 10-point design offers easy walking and surprising climbing performance. The fast-adjust attachment system accommodates almost any footwear, and quickly collapses the Contact into a compact package that's easy to stash. The Contact Strap also comes with our patented, dual-density Anti-Balling System (ABS) plates, which prevent snow from balling underfoot.

ONE SIZE: US MEN'S 4-12 / EURO MEN'S 34-46
WEIGHTS: 780 G (1 LB 12 OZ) WITHOUT ABS
 885 G (1 LB 15 OZ) WITH ABS
CONTACT STRAP #400506 \$124.95



NEVE/CONTACT ABS





LIGHTING

“Alpine starts suck. The only thing you should be doing at 2:30 a.m. is walking home from the bar. But, *noooo*, we were sorting and packing gear in the parking lot for what would end up being a 14-hour day of rock-eneering in the Tetons. Go climbing? Now? Four hours before the sun was even supposed to rise?! Rolo and Jack are hard-core mountain mules and have been doing alpine starts since the Bronze Age, so it’s no big deal to them. Me? Well, not so much.”

—JONATHAN THESENGA, ALONG WITH JACK TACKLE AND ROLO GARIBOTTI, FINISHED THE PRE-DAWN, APOLLO LANTERN-ILLUMINATED GEAR SORT, AND, 14 HOURS LATER, RETURNED TO THE CAR—TACKLE AND ROLO FRESH AS PUPPIES, JT TOTALLY WORKED—AFTER COMPLETING THE TETON’S CATHEDRAL TRAVERSE.

THE APOLLO HAS LANDED



Inset 3-watt LED eliminates glare, while the dual reflectors capture and maximize light output.



Collapsible design reduces the lantern to soup-can size.



Runs on either 4 AAAs or Black Diamond’s NRG rechargeable battery (not included).



APOLLO < NEW >
(AVAILABLE MARCH 15, 2008)

A bright, non-glaring, soup-can sized backcountry lantern with foldable legs and NRG rechargeable battery compatibility, the Apollo is equipped to illuminate all of your nighttime camping activities such as cooking, reading in the tent, or playing a three-hour, no-mercy game of Rummy 500. The Apollo's frosted globe combined with its inset 3-watt LED, eliminates glare while the dual reflectors capture and maximize light output, casting off illumination to brightly fill a four-person tent. A unique dimming switch provides adjustable brightness, and the distinctive fold-down legs increase the Apollo's height to 9.5 inches (24.1 cm), boosting light dispersion. The lantern runs on 4 AAA alkalines or, better yet, Black Diamond's NRG Rechargeable Battery Kit, and has a handy battery power indicator with green, yellow or red LEDs that display either the amount of battery power left or the charging status of the NRG.

WEIGHT: 220 G (7.8 OZ) WITHOUT BATTERIES
320 G (11.29 OZ) WITH ALKALINE BATTERIES

LIGHT OUTPUT: 50 LUMENS

MAX BATTERY LIFE: 60 H

APOLLO #620700 \$49.95



Just off the shore of Playa Cala Barques in a climber-designed cave, Gregor Seliga makes dinner for 15, Mallorca, Spain. © BOONE SPEED





ICON

Equipped with a three-watt LED spotlight, four proximity LEDs and eight different brightness settings, the Icon illuminates like no other. Go ahead, burn the three-watt LED all night long—when paired with the NRG Rechargeable Battery Kit (not included), the Icon can be used at full strength without stressing about the money for batteries. When deep in the wilderness on an expedition or multi-day climb, use alkalines and the four proximity LEDs for more than 160 hours of burn time. The Icon's battery-power meter is dual-purpose: displaying via a green, yellow or red LED either the amount of battery power left or the charging status of the NRG rechargeable battery.

WEIGHT: 116 G (4.1 OZ) WITHOUT BATTERIES
188 G (6.6 OZ) WITH ALKALINE BATTERIES

MAX DISTANCE: 3-WATT LED – 80 M; 4 PROXIMITY LEDS – 23 M

MAX BATTERY LIFE: 3-WATT LED ON LOW – 104 H; 4 PROXIMITY LEDS ON LOW – 164 H

COLORS: LIME OR SILVER

ICON #620596 \$59.95

NRG RECHARGEABLE BATTERY KIT

An optional NiMH rechargeable battery and charger for the Icon or Apollo, the NRG Battery Kit lets you charge your lamp daily and comes with four outlet adapters for use in various countries.



NRG RECHARGEABLE BATTERY KIT #620537 \$29.95



SPOT <UPDATED >

Optimizing a blend of focused and peripheral light, the streamlined Spot produces an amazing amount of light for a lamp that fits in your pocket. Housed in a reflector, the one-watt LED throws a far-reaching beam—plenty strong enough for pre-dawn approaches or route finding during a through-the-night single push. When all you need is close-range light, switch modes and use the three proximity LEDs, which emit ambient light for more than 140 hours. A single switch on top lets you choose from four lighting levels for both modes—min, mid, max and strobe—to dial-in the light output to your needs. The batteries-up-front design works great for reading when you're tent-bound while waiting for a weather window.

WEIGHT: 50 G (1.8 OZ) WITHOUT BATTERIES
85 G (3.0 OZ) WITH 3 AAA BATTERIES

MAX DISTANCE: 1-WATT LED – 43 M; 3 PROXIMITY LEDS – 19 M

MAX BATTERY LIFE: 1-WATT LED ON LOW – 120 H
3 PROXIMITY LEDS ON LOW – 142 H

COLORS: PEARL OR TITANIUM

SPOT #620595 \$39.95



COSMO & MOXIE <NEW >

Providing bright, close-range light, these little lamps use a ½ watt LED beam for scrambling back to the car or nervously scanning the darkness to see what's making that “bear-like” noise. Switch to the two proximity LEDs for plenty of close-up ambient light for cooking in the vestibule or peeping under the bumper for your stashed car keys. Both lamps have eight different brightness settings (including strobe illumination) and two modes, allowing you to tailor your light intensity and conserve batteries—because sometimes your one-day push turns into a few. Like all Black Diamond headlamps, the Cosmo and Moxie are fully stormproof and can handle the worst weather Mother Nature can spit out.

WEIGHT: 44 G (1.6 OZ) WITHOUT BATTERIES
80 G (2.8 OZ) WITH 3 AAA BATTERIES

MAX DISTANCE: 1/2 WATT LED – 38 M

MAX BATTERY LIFE: 2 PROXIMITY LEDS – 140 H

COLORS: COSMO—ARGENT OR SPICE
MOXIE—CARIBBEAN WITH FLORAL-PATTERNED ELASTIC

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THE LAST GREAT PLACE

BY JONATHAN WATERMAN

DEVOTED 20 YEARS TO MOUNTAINEERING EXPEDITIONS around the world until discovering that the Far North held the solo of my dreams: sea kayaking the famed Northwest Passage. It was a different sort of expedition than going to the Himalaya or Cordillera, but adventuring alone amid the Arctic's polar bears, swarming mosquitoes and sea ice offered better survival odds than unroping at high altitude amid crevasses, avalanches and seracs. More importantly, I was able to get to know Alaska's Arctic National Wildlife Refuge—setting for the most epic wilderness battle of our time. During the last 25 years that the nation has debated developing its northern-most 1.5 million acres for oil, the region has become America's symbolic wilderness temple: defile this place, then nothing will be sacred.

A CLIMBER'S DREAMLAND OF SNOWY, MOSTLY UNCLIMBED MOUNTAINS, BOOMING UP DIRECTLY FROM THE SEA

As I set off alone in a sea kayak to cross 2,000 miles of Arctic wilderness, I thought of all that surrounded me. The Arctic National Wildlife Refuge is a climber's dreamland of snowy, mostly unclimbed mountains, booming up directly from the sea, surrounded by sandy spits, lush lagoons and a polygon-patterned coastal plain. It is one of those rare places where we can escape the press of crowds and embrace the privilege of being swallowed alive by mountains... or the area's iconic polar bears. Yet these liberating ideals would be quashed by the development proposal: a labyrinth of roads and pipelines that would take a half-century of drilling to extract a paltry year's worth of U.S. oil. If Congress approves the oil drilling, it will destroy the remote, 1.5 million acre, biological heart of the Refuge and all the logic behind its original creation.

In 1960, the Eisenhower administration created the nine million acre Arctic National Wildlife Range to protect its "unique wildlife, wilderness and recreation values," including its 35 land mammals, nine marine

mammals, 180 bird species and mind-boggling array of shining basins, rolling hills and unnamed peaks. The Range stretched north from forested valleys across the glaciated mountains to the coastal plain of the Beaufort Sea, a vital calving and protein stop for the 123,000-strong Porcupine Caribou herd. In 1980, the Carter administration expanded the Range into a 19.2 million acre Refuge. Congress mandated a study of 1.5 million acres of the Refuge's coastal plain to determine if it should be opened for oil development or remain as protected wilderness. Several years later, Congress learned from the study that the Refuge contained a lot of oil but also even more wildlife than initially thought. Since then, legislation to open the region to oil drilling has been repeatedly defeated.

But now, with a changing Congress, conservationists are more motivated than ever to move from defense to offense. For the first time in a decade, both houses of Congress have introduced bipartisan wilderness bills that would shut down future oil development in the Refuge and uphold the original environmental vision of the area.

Yes, there are thousands of miles of wilderness in the Arctic, but after having paddled it's coastline I intimately understood the uniqueness, the environmental importance of the Refuge—it's a garden, incomparably rich with flora and fauna, the greatest wealth of polar bear dens found in Alaska and the finest displays of geography spanning the Arctic. This last pristine corner of Alaska is oddly unscarred by the most recent ice age, sequestered in summer lushness and inhabited by millions of migratory animals—all poised to flee forever at the first tendrils of human industry. How can we not protect it?

Jonathan Waterman is the author of *Where Mountains Are Nameless; Passion and Politics in the Arctic National Wildlife Refuge*. To learn more about the importance of the Refuge and what you can do to help save it from oil development, go to www.alaskawild.org/take-action.


The pristine Kongakut River in the Brooks Range of the Arctic National Wildlife Refuge, AK. **JOHN BURCHAM**



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Adam French, feeling ultra-crusty, the morning after summiting Chopicalqui (20,868 feet), Cordillera Blanca, Peru.

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