



## ADVENTURE & TRAVEL

## The Grand Canyon's Secret Network

Rafting down the Colorado River is nothing to sneeze at, but the real excitement is to be found in the hundreds of side chasms

BY MOLLY LOOMIS

TALK OF LAVA FALLS, the Grand Canyon's most infamous rapid, began months before our departure. Members of my group couldn't believe we were going to brave the very same boat-munching Class V white-water that forced John Wesley Powell, the geologist who explored Arizona's Grand Canyon in 1869, to scramble to shore

When it comes to a raft trip along the Grand Canyon's Col orado River, rapids like Lava Falls, Crystal and Horn Creek are a mandatory part of the adventure. Yet the majority of my 138-mile journey down the river turned out to be on flat water. Our rafts bucked through Lava's churning turbines in about 40 seconds Forty seconds out of 14 days.

The real excitement hap-pened on the sidelines, in the network of about 75 named—

our way toward the narrow ravine of Elves Chasm, one of vine of Elves Chasm, one of the Grand Canyon's most pic-turesque side canyons. "You sure you've got enough rope? It looked like a long way down," a hiker said to our group as we crossed paths.

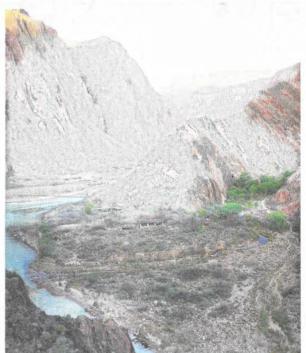
Most people who visit Elves Chasm simply hike a quarter mile to its base, check out its stunning waterfall—an oasis of bright green in a parched land of cactus and scrub-and immediately return to the river. But we had opted for a three-hour route that carried us to the top of Elves Chasm. We then began our descent back to the river, scrambling down natural staircases sculpted in an ancient seabed. About a third of a mile from the canyon top, we came upon a 150foot natural rock arch with a keyhole view of the river far below. I felt like I was staring down at my very own secret.

against each other in stark

We continued our regimen of rowing our boats from campsite to campsite and ex-ploring up to two side canyons a day. A sense of nostalgia began to set in. People wait years to receive a permit from the National Park Service to raft the Grand Canyon on a private trip such as ours. My journal was nearly full and I'd filled multiple memory cards with photos. My time would

soon be up.
On day six, we hiked a loop through Deer Creek, home to the famed narrows-a tight side canyon of curving walls that can only be descended by multiple rappels. We made our way down the rock and landed in a shallow pool of water.

The slot in the walls overhead was just wide enough to allow slices of sky to peek through. Golden light dripped from the tawny walls, wiping



and countless unnamed—side and countiess unhatmed—side canyons and gorges. These un-sung passages function as the smaller veins feeding into the main artery of the Grand Can-yon, the up-to-18-mile-wide, I'd heard about this on the canyon wall. mile-deep gash in the earth through which 227 miles of the

Colorado River snakes.
Cruising down the river
from one campsite to the next, looking up between oar strokes to ogle the canyon walls, is the outdoorsy equivalent of riding around a new city in an open-air tour bus. You might glimpse an intriguing neighborhood, but there's no opportunity to poke

around.

Slowing down to explore the side canyons is a first-rate way to pack extra adventure into a to pack extra adventure into a classic American trip, as well as to fully absorb the area's geological diversity. The min-eral composition of each of the Canyon's 15 dominant layers influences the stone's color, type and texture—a variety that is all the more evident on the side-canyon detours. We were a group of 14 experienced outdoors people (including a former river guide), and we knew to make the side canyons

our top priority.

Two days into the journey and 19 miles from the starting point, we secured our three boats at the shore and followed a sandy trail up the steep embankment. We wound past cactuses and scrambled up rock terraces as we made

mystery before, but here it was writ large

Just below the arch, we rigged the climbing ropes for the first rappel—a sheer 200foot drop that paralleled a wa-terfall. Once everybody was on safe ground, we continued to move through the chasm, wad-ing through emerald pools and groves of horsetail. This lush vertical landscape stood in as-tonishing contrast to the arid land below.

The next detour on our list

was Blacktail Canyon, just 4 was Blacktail Canyon, Just 4
miles away. The tan slopes
surrounding the small slot
were littered with blooming
barrel cactuses.
The Grand Canyon is consid-

ered one of the seven wonders of the world, and geologists strain to unravel its mysteries, especially the one commonly referred to as the Great Un-conformity, While 1.84 billion years worth of rock make up the Grand Canyon, the 1.2 bil-lion years between Cambrian and Precambrian times are un accounted for. I'd heard about this puzzle, but here it was writ large on the wall. The varnished buff of the 545 mil-lion-year-old Tapeats Sand-stone and dark 1.8 billion-yearold Vishnu Schist butted

away in a flash flood. Now I was overwhelmed by the awe that comes with finding your-self somewhere so beautiful. Hanging on the final rappel,

our only means of exit from the narrows, I was surrounded by moss and tangerine mon-key-flowers. The Colorado River sparkled far below.

Twenty miles downstream, just when I thought I'd fulfilled my lifetime allotment of beau-tiful places, we stopped at Ha-vasu Creek, whose electric-blue water puts the Colorado River's brown murk to shame. We hiked through smooth ter races of white rock, framed by Havasu Canyon's bright red walls and a Disney-blue sky. I could have kept walking along this route for days.

this route for days.

We had only scratched the surface, But there was so much left to see: the petroglyph panel and natural arch in Tuckup Canyon; ruins on Nankoweap Trail: and Travertine Canyon, with its series of wa-terfalls tumbling over traver-tine deposits.

For some people, Grand

For some people, Grand
Canyon trips are a lifestyle.
They return to the river again
and again like pilgrims. I had
never understood this mental
ity—wasn't there a whole world of rivers worth rafting? But that was before my two weeks exploring the Canyon's chasms. I only got to explore 11 of them. That leaves many, many more to go.



FEELING GROOVY Clockwise from top A view of the Colorado River from an unnamed side canyon; a member of the writer's group hikes through Deer Creek narrows; traversing Havasu Creek; rafts at the point where the Colorado River meets Havasu Creek; rappelling down Deer Creek









## THE LOWDOWN: EXPLORING THE SIDE CANYONS

Getting There: Major airlines fly into Phoenix Sky Harbor International Airport. The drive from there to the Crand Canyon is about 4½ hours. Alternately, you can take a 30-minute flight from Phoenix to Flagstaff Pulliam Airport, which is two hours by car from the Canyon. Most organized tours meet in Flagstaff.

Side-Canyoning There: Expe-Side-Canyoning There Experienced boaters can organize non-guided trips through companies such as Professional River Outfitters (proviveccom), which rents fully equipped rafts and supplies food. Several guiding companies, including Canyon Exploration-Expeditions (canyon.com) and Arizona Raft Adventures (azraft.com), offer expert-led trips that focus on hiking the side canyons.

Obtaining a Permit: Permits for private, nonguided trips

must be secured independently through the National Park Service (nps.gov) and are only available through an annual lottery (\$25 per group entry and \$100 per participant upon permit redemption, nps.gov). The wait can take several years. (We waited et al. This is not several years) waited six.) This is not some thing you need to worry about if you take a guided trip.

When to Go: While you can raft or hike the canyon throughout the year, weather is most clement in spring and fall.

What to Bring: Specialized climbing equipment, such as a helmet, rope and harness, is mandatory for rappelling. The majority of canyon hikes require no more than a good pair of walking shoes. Rock-climbing ap-proach shoes that are equipped with specialized rubber soles are especially helpful.



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