



# The PRESQUE ISLE PROSPECTOR

Official Publication of the Gem City Rock and Mineral Society  
Monthly Meetings, First Friday at 7:30 PM

April 2006



## Last Month's Meeting:

Last month our program was a tour of the club's faceter, and a discussion of its idiosyncrasies.

## This Month's Meeting:

This month our meeting will be Saturday, April 1<sup>st</sup>, at 9:30AM. Mary suggested that we have a program on Tumbling, presented by someone with plenty of experience (Bob G.) for the benefit of those of us with less (or no) experience. While it may take a bit of experimentation and trial-and-error to learn how to get good results with your own particular tumbler, it would be a big help to get some basic practical advice, so that we don't *all* have to make *all* our own mistakes, we can maybe share some! But it looks like Bob will be out of town for this month's meeting, so that will be our May program, and this month we will have a video program, chosen from those I have recorded from the Rockhound TV listings in the last few months. So now all those of you who have said, "Those listings are great, but I don't *get* any of those channels!" can now see some of what you've been missing. See the list later in the newsletter.

Also, now that we've entered a new Calendar Year, club Dues are due! If you joined at the show last July (2005), your dues are paid through the end of 2006; if not, this is your final reminder to pay up again for another year. Dues are still as follows for one more year:

\$5.00	Junior (under 18)
\$10.00	Individual
\$15.00	Couple (or parent and one child)
\$20.00	Family

Please try to remember to bring your dues along to the meeting, or mail a check to the club Treasurer, Val Engelleiter, at her address in the footer of the newsletter. We have given you a month or two to get your dues in, but those not current on their dues will stop getting the newsletter and not be eligible to participate in any club activities! So please help us keep you current by renewing promptly.

## Library Window Display:

Well, this is it! The display goes in the Library Window on May 1<sup>st</sup>, and the May meeting isn't until May 6<sup>th</sup>, so the April meeting is the last one before the display needs to be finished –so please, look through your collections, and bring in something to include! We are hoping for 3 sections to the display – lapidary, mineral collecting, and fossil collecting. The lapidary section will re-use the elements of last summer's lapidary display (though anything new you've done and would like to include would be great!), but we need more stuff for the other two sections. The window is 28 feet long, 7½ feet high, and just over 2 feet deep, so this is a lot of space to fill!

For the mineral collecting, we could use things like crystals (other than quartz or calcite, which we have), crystals in matrix, druzy layers on substrates, massive minerals, especially those that are large or brightly-colored or are otherwise eye-catching, and anything else you can think of.

For the fossils, large and eye-catching would be great, but anything visible from a foot away and identifiable as a fossil would be useful, since we have a bunch of staghorn coral and not much else at the moment.

Club Web Site address:	<a href="http://www.treebeard.net/gemcity/index.htm">http://www.treebeard.net/gemcity/index.htm</a>		
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Please bring anything you think even *might* be useful along to the meeting, packed and padded for travel if it's fragile, and with your name (so you get it back) and a note as to what it is (I'll make up uniform labels, but I need to know what to say). If you can't make it to the meeting, please call me (Harriet) at 455-4851 and I'll arrange some other way to get together.

### **Federation News:**

The Eastern Federation Newsletter (online at <http://www.amfed.org/efmls/efmar06.pdf>) again has a list of classes for this year's Wildacres sessions, and a registration form – they look to be really a lot of fun, so please do look them up – because I can't afford to go alone, so someone else has to decide to go too!

The American Federation Newsletter (online at [http://www.amfed.org/news/n2006\\_04.pdf](http://www.amfed.org/news/n2006_04.pdf)) has information on the AFMS national convention, held this year in Nashville, TN, August 16-20. It also has pictures of several new donations for the AFMS Endowment Fund Raffle – this fund is where the money comes from for the AFMS to duplicate the programs that they donate to the regional federation libraries, and we certainly appreciate having those available!

Since we hope to put together at least a couple of collecting trips as the warmer weather inspires us, we should perhaps all review the AFMS Code of Ethics:

### **AFMS Code of Ethics:**

- I will respect both private and public property and will do no collecting on privately owned land without the owner's permission.
- I will keep informed on all laws, regulations and rules governing collecting on public lands and will observe them.
- I will to the best of my ability, ascertain the boundary lines of property on which I plan to collect.
- I will use no firearms or blasting material in collecting areas.
- I will cause no willful damage to property of any kind - fences, signs, buildings.
- I will leave all gates as found.
- I will build fires in designated or safe places only and will be certain they are completely extinguished before leaving the area.
- I will discard no burning material - matches, cigarettes, etc.
- I will fill all excavation holes which may be dangerous to livestock.
- I will not contaminate wells, creeks or other water supply.
- I will cause no willful damage in collecting material and will take home only what I can reasonably use.
- I will practice conservation and undertake to utilize fully and well the materials I have collected and will recycle my surplus for the pleasure and benefit of others.
- I will support the rockhound project H.E.L.P. (Help Eliminate Litter Please) and will leave all collecting areas devoid of litter, regardless of how found.
- I will cooperate with field trip leaders and those in designated authority in all collecting areas.
- I will report to my club or Federation officers, Bureau of Land management or other authorities, any deposit of petrified wood or other materials on public lands which should be protected for the enjoyment of future generations for public educational and scientific purposes.
- I will appreciate and protect our heritage of natural resources.
- I will observe the "Golden Rule", will use "Good Outdoor Manners" and will at all times conduct myself in a manner which will add to the stature and Public "image" of rockhounds everywhere.

### **Quartz Discredited by Lilac A. Rugg, Mineral Information Network**

In an announcement that continues to send shock waves through the international mineralogical community, researchers at Pine Ridge National Laboratory have discredited quartz as a mineral species. The news, which was delivered to a stunned audience of mineralogists, crystallographers, and geoscientists, was the result of two years of work by Drs. Philip and Rhoda Zirkle, a husband and wife team who perform cryocrystallographic research at the lab. Cryocrystallography deals with the study of low temperature crystal formation.

The researchers, who made their discovery while studying the crystalline phase transitions that occur in ice when it is subjected to varying pressure and extreme low temperature, were initially puzzled by the presence of a gritty residue found in the growth chamber of their experimental apparatus. When the residue was identified as quartz, the Zirkles began an investigation to determine how it got there. After a two-year series of experiments, they conclusively determined that quartz is an ultrastable crystalline form of water in which the individual atoms are locked in place so tightly that the compound survives the transition to normal and high temperatures.

As part of the crystallographers' research, Dr. Rhoda Zirkle examined the scientific record of the early analysis of quartz and discovered that, due to a calibration error in the original experiment, the two atoms of hydrogen in quartz were misidentified as oxygen, and the one atom of oxygen was misidentified as silicon. Thus, instead of SiO<sub>2</sub>, quartz should have been OH<sub>2</sub> or, written in conventional notation, H<sub>2</sub>O. She explained that apparently no one had ever thought to confirm the original analysis. The error persisted until the Zirkles' research.

Scientists at Bell Laboratories, where quartz crystals are grown for use in the electronics industry, said the recent discovery explained a longstanding mystery. At the lab, quartz crystals are grown by "cooking" scrap quartz fragments in a hydrothermal solution under high pressure. The scientists observed that even though the process produced large, high-quality quartz crystals, the size and number of the scrap quartz pieces did not diminish. "Clearly, something was going on that we just did not understand," said a Bell Labs spokesperson. He added that the Zirkles' results "explained everything." The synthetic quartz is formed from the water in the hydrothermal solution while the scrap quartz acts as a catalyst.

In response to the announcement from Pine Ridge, the International Mineral Names Organization immediately discredited "quartz" as a distinct mineral species. Museum curators around the world have already begun the process of relabelling the quartz specimens in their collections as "Ice, variety Quartz" and have advised serious amateur mineral collectors to do the same.

"Ironically," said Dr. Philip Zirkle in an interview after the public announcement, "the ancient Greeks believed that quartz was water that had frozen so solidly that it wouldn't thaw. It looks like the ancient Greeks were right all along."

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[Ed. Note: In case you haven't already figured it out for yourself, Quartz Discredited is a hoax. The article was written as an April Fool's prank by Richard Busch, the Editor of Lithosphere, for the April 1994 issue of the bulletin. Unfortunately, when the article was originally published not everyone recognized it as a hoax. The editors of several other amateur gem and mineral bulletins reprinted the article as fact in their own publications. It was apparently (temporarily) believed by more than one mineral collector of serious stature, and the "merits" of the article were reportedly debated in the offices of several state geological surveys. (Yikes!)]

It took two years of phone calls and letters; and printed retractions in the AFMS Newsletter, Rock and Gem magazine, and The Mineralogical Record to get the article under control. By the time it was stopped, Quartz Discredited had been published in at least four continents. But to everyone's credit, and to the real author's relief, those who were "taken-in" by the article were ultimately good sports about it.]

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**Rockhound TV This Month:**

**PBS:** Nothing rock-related this month.

**Discovery Channel: Supervolcanoes.** One of the world's largest supervolcanoes, much more powerful than Mt. St. Helens, lies under Yellowstone National Park. The last eruption in Sumatra 70,000 years ago pushed mankind to the edge of extinction; scientists think the next is overdue. Apr. 2, 5:00PM. **Everything You Need to Know: Volcanoes.** Get an insider's look into Mother Nature's ticking time bombs. These natural phenomena can release the energy of twenty Hiroshima-sized atomic bombs; they produce ash flow that can travel at the speed of sound with temperatures over 2000 degrees.... Apr. 9, 7:00PM, 11:00PM; Apr. 13, 7:00PM. **The Imprint of Dinosaurs.** World-renowned paleontologists and geologists have discovered the fossil remains of an unknown dinosaur species in the High Moroccan Atlas. These unprecedented findings date from the beginning of the dinosaur era, 180 million years ago. Apr. 10, 11:00AM. **Before We Ruled the Earth: Hunt or Be Hunted.** Homo ergaster, an ancient predecessor of modern humans, had to scavenge to survive. Follow the evolution of early humans as they developed simple tools, began to communicate and learned to control their most important tool—fire. Apr. 10, 12:00PM. **Before We Ruled the Earth: Mastering the Beasts.** By 15,000 years ago, the Cro-Magnons were the sole residents of Europe. They had the power of speech, reasoning skills and a belief in the afterlife, but it was still a struggle to survive in a land with large, dangerous carnivores. Apr. 10, 1:00PM. **Megaquake.** Earthquake preparation has become a normal part of life for West Coast residents. But scientists believe a quake far stronger than ever before may be on the way. The "megathrust" quake could unleash volcano eruptions, landslides and tsunamis. Apr. 13, 10:00PM, 2:00AM. **Amazing Earth.** From the heights of Mount Everest to the molten lava fields of Hawaii to the very core of the planet, the geologic forces that have changed the planet's face are revealed. It has taken 4.6 billion years for the earth to form, and the changes continue. Apr. 22, 9:00AM.

**TLC:** Nothing rock-related this month.

**Travel Channel: RV Crazy!** Recreational vehicles reflect the unique spirit of adventure that causes otherwise ordinary people to pack up their life and go on the road. From the wacky to the way out, see the most amazing, most amusing RVs and meet the people who call them home. Apr. 13, 6:00PM. **Hidden Yellowstone.** Journey to the untouched heart of Yellowstone National Park, the nation's largest and oldest. Learn how this pristine land and its native inhabitants endure against nature's most ferocious elements -- ice, wind and fire. Apr. 16, 4:00PM. **Best of the National Parks.** Each year, millions of people are amazed by majestic vistas, geysers, smoldering volcanoes and rugged country where wildlife roam free. Visit the most spectacular places and open spaces in North America, from Yosemite to the Everglades. Apr. 16, 5:00PM; Apr. 20, 6:00PM. **Secrets of Zion & Bryce.** In Southwestern Utah, two of America's National Parks are spectacularly different yet equally awe-inspiring. Experience the mysterious labyrinths of twisted rock and the highest sheer cliff walls in North America. Apr. 16, 6:00PM; Apr. 20, 8:00PM, 11:00PM. **Hidden Yosemite.** To discover the true beauty of Yosemite, trek by llama and mule to remote locations not mentioned in the guidebooks. Discover the secrets to ice climbing, snow camping and snow shoeing, and make reservations for a traditional Christmas dinner. Apr. 16, 7:00PM, 2:00AM; Apr. 20, 7:00PM, 2:00AM. **Yellowstone: America's First National Park.** Host to half of earth's geothermal wonders, this rugged wilderness ignites the imagination. Get a ringside seat for the gushing geysers, explore bubbling mud pots, thundering waterfalls, a huge canyon, and the largest high altitude lake on the continent. Apr. 16, 8:00PM, 11:00PM; Apr. 21, 7:00PM, 2:00AM; Apr. 22, 5:00PM. **National Parks: Great Southwest.** No Description. Apr. 18, 8:00PM, 11:00PM; Apr. 22, 4:00PM; Apr. 27, 6:00PM. **Secrets of Niagara Falls.** Discover the geographical facts on what makes Niagara Falls so unique. Find out how the raging waters are transformed into limitless, electrical power for cities and states throughout the region. Apr. 18, 10:00PM, 1:00AM; Apr. 22, 2:00PM. **Secrets of Denali National Park.** Visit Alaska's most famous National Park, Denali, a remote wilderness of unspoiled beauty. This remarkably diverse terrain is set amid the Alaskan Range. Rising above it all is Mt. McKinley, the tallest mountain in North America. Apr. 19, 6:00PM. **Secrets of Hawaii's National Parks.** Discover a land where the pyrotechnics of earth-in-the-making meets tropical paradise. At the edge of an active volcano, retrieve a lava sample, follow a flow as it strikes the sea, and marvel at a black sand beach where giant sea turtles bask in the sun. Apr. 19, 7:00PM, 2:00AM. **Top Ten Wonders of the West.** Each year, visitors flock to the deserts, coasts and mountains to climb on, hike over and kayak across the wonders that abound in the West. From Yellowstone National Park to Yosemite and beyond, capture the region's most awe-inspiring features. Apr. 19, 8:00PM, 11:00PM; Apr. 22, 3:00PM. **Secrets of Zion & Bryce.** In Southwestern Utah, two of America's National Parks are spectacularly different yet equally awe-inspiring. Experience the mysterious labyrinths of twisted rock and the highest sheer cliff walls in North America. Apr. 20, 8:00PM, 11:00PM. **Grand Canyon: Nature's Great Escape.** Head beyond the mule rides and hiking trails to the Grand Canyon's hidden treasures. Meet the team specialized in rescuing "fallers", wander the ghost towns of nearby abandoned gold mines, and find the secret path that leads into a forest of Joshua Trees. Apr. 21, 8:00PM,

11:00PM. **Earth's Natural Wonders – 1.** Explore the world's most awe-inspiring natural wonders. Second in length to the Nile, the Amazon River is 60 times greater in volume of water. The ocean of sand known as the Sahara is the largest desert, and Angel Falls is the tallest waterfall. Apr. 23, 1:00PM; Apr. 26, 6:00PM; Apr. 29, 3:00PM. **Earth's Natural Wonders – 2.** Explore the powerful Niagara Falls and Australia's Great Barrier Reef. Visit the Grand Canyon, the world's finest example of water erosion, and then climb the highest mountain peak, Mt. Everest, which grows higher each year. Apr. 23, 2:00PM; Apr. 26, 7:00PM, 2:00AM. **Top Ten Natural Wonders of the World.** Take an exhilarating look at the world's best natural wonders, including the planet's most recognizable waterfalls, mountains and canyons. Learn how these structures were formed and discover the wildlife that lives around them. Apr. 23, 3:00PM. **Secrets of Denali National Park.** Visit Alaska's most famous National Park, Denali, a remote wilderness of unspoiled beauty. This remarkably diverse terrain is set amid the Alaskan Range. Rising above it all is Mt. McKinley, the tallest mountain in North America. Apr. 23, 5:00PM. **Secrets of Alaska's National Parks.** Alaska is one of the few remaining frontiers. Take a scenic expedition from ocean to mountains to tundra to ice, revealing the unparalleled beauty and unforgettable wildlife of this great land. Apr. 23, 6:00PM. **Alaska Wide Open.** Alaska is the largest state in the union, and the most extreme. For centuries, people have braved the elements in search of beauty, isolation and riches. From finding gold to traversing the land via dog sled, Alaska's treasures are revealed. Apr. 23, 8:00PM, 11:00PM. **The Colorado: River of Wonders.** The Colorado River offers whitewater adventure and ancient mysteries. From the towering peaks of the Rocky Mountains to the majestic Grand Canyon, six National Parks along its banks enchant visitors with their spectacular scenery and wildlife. Apr. 27, 7:00PM, 2:00AM. **World's Best Lost Treasures.** Grab a shovel and a sense of adventure and head out to unearth the world's lost treasures! From shipwreck loot sunk into the sand to the greatest unsolved heists in history, join professional treasure hunters hot on the trail. Apr. 30, 7:00PM, 2:00AM. **America's Best Places to find Cash and Treasures.** In Arkansas, diamonds can be found on the eroded surface of a volcanic pipe. Sports cars and jewelry are on the block at the Department of the Treasury's auction in Los Angeles; and in Key West, a company combs the sea bottom for sunken treasure. Apr. 30, 8:00PM, 11:00PM. **America's Best Places to Find Cash & Treasures – 2.** Travel the country in search of hidden riches, from precious emerald digs in North Carolina to gold claims in California. In northern Wisconsin, join the search for John Dillinger's missing suitcase, filled with cash. Apr. 30, 9:00PM, 12:00AM. **America's Best Places to Find Cash & Treasures – 3.** In Beverly Hills, explore exclusive pawnshops where visitors can buy diamonds, Rolls-Royces, and even an Emmy Award for rock bottom prices. Dig for rubies in North Carolina, and in Washington state, hunt for the missing loot of DB Cooper. Apr. 30, 10:00PM, 1:00AM.

**History Channel: Modern Marvels: Metal.** They constitute the very essence of the modern world; the cadence of our progress sounds in the measured ring of the blacksmith's hammer. From soaring skyscrapers and sturdy bridges to jet planes and rockets, metals play a key role. Our journey begins before the Bronze Age and takes us into the shiny future when new metal structures--engineered at a molecular level to be stronger, lighter, and cheaper--shape human progress, as they have since man first thrust copper into a fire and forged a tool. Apr. 11, 1:00PM, 7:00PM. **Modern Marvels: Gold Mines.** Around the world and across the eons, gold stands as a symbol of power, wealth, and love. The quest for the yellow metal took men across oceans, into the depths of the Alaskan winter, and miles beneath South African earth. This is the story of the hunters of the precious metal and their methods for extracting it. Apr. 11, 11:00PM, 3:00AM. **Ape to Man, Part 1.** The story of a century-and-a-half of tireless research that led humans to discover their ape-like origins. In this 2-part program, we review several stories of discovery, each a crucial turning point in the understanding of our pre-historical past. Our heroes are the men and women who uncovered the clues, often after backbreaking and obsessive labor in some of Earth's most hostile environments. Their stories are told with dramatic reconstructions and tantalizing glimpses of the lives of ancestral humans they uncovered, together with newspaper headlines, news reports and archive footage and expert interviews. In the course of this enthralling journey, we uncover stunning facts, wild theories, and compelling conclusions unearthed by pioneering investigators of human origins. This is the story of how 150 years of sweat and toil brought our extraordinary origins into the light. Apr. 24, 6:00AM. **Ape to Man, Part 2.** Through the evidence the scientific pioneers uncover we are allowed, as though through a looking-glass, glimpses into the lives of our ancestors, the worlds they inhabited and their struggles for survival. At times a brief snatch of a dramatic encounter or a flight from terror; at others a more epic journey with our ancestors in search of food or shelter, the momentary stillness in a dawn migration, or the triumphant first use of fire. During the course of this enthralling program, a combination of action-filled drama and detective work brings to life the worlds--hidden in a footprint or a fragment of bone--that are normally restricted to the imaginations of scientists. Apr. 25, 6:00AM.

### **Rockhound TV to Share:**

Several club members have mentioned that they appreciate these listings of what rock-related shows will be coming up, but that not everyone in the club gets all these channels, so you end up knowing a lot more about what you're missing! I myself have been frustrated that I know of all these

great shows so far in advance, but then forget to actually watch them when they're on, or they are on at a time I can't watch. Well, now I can do something about that last one!

I now have access to a Digital Video Recorder (DVR – Tivo® is one brand name), so I could record them all to watch later. Yea! But, of course, the DVR has a finite capacity, so once I save them, I have to *watch* them, so I can delete them and make room for more. Well, that turned out to be a lot of sitting down and watching, and the incoming piled up faster than the outgoing, so I recorded some of them on DVDs to watch later, and perhaps watch down at the club with a few friends! So this month, for our video program, we can choose from the following:

From the *History Channel* -- Save Our History: Gold Rush Ghost Towns; Modern Marvels: Coal Mines, Diamond Mines, Silver Mines, Gold Mines, Metal, & Quarries;

From the *Discovery Channel* -- Before the Dinosaurs, parts 1 & 2; Dinosaur Planet: White Tip's Journey, Little Das' Hunt, Pod's Travels, Alpha's Egg; Walking with Dinosaurs: Dawn of the Dinosaurs, Sea & Sky Creatures, Deep Impact; America's Volcanos: Sitting on a Powder Keg: Mt. St. Helens; Earthquake Storms; Mega-Tsunamis; Extreme Hawaii;

From the *Travel Channel* --Secrets of Gold; Colorado: River of Wonders; Grand Canyon: Nature's Great Escape; Hidden Yosemite; Hidden Yellowstone; World's Best Lost Treasure; Best Places to Find Cash & Treasure; Best Places to Find Cash & Treasure 2; Best Places to Find Cash & Treasure 3; Secrets of Niagara Falls;

From *PBS* -- Nova: Jewel of the Earth (Amber); Crater Lake: Mirror of Heaven

All of these have been listed with their descriptions here or in the past few newsletters, so look them up and decide what you want to see! We'll have a vote!

### **Upcoming Shows in the area:**

**Apr. 1-2, Hamburg, NY - Show, "Fool's Gold — Not the Real Thing; Buffalo Geological Society;** Fairgrounds, Grange/Market Bldgs., S. Park Ave.; Sat. 10-6, Sun. 10-5; adults \$5, children 12 and under free; educational displays, mini-mine; contact Robert J. Hoffman, 65 Cheekwood Dr., Cheektowaga, NY 14227, (716) 656-8475.

**Apr. 7-9, Berea, OH - GEMSTREET USA.** Gem, Mineral, Jewelry, Fossil, and Bead Show. Cuyahoga County Fairgrounds, Bagley Rd. Entrance. 7th, 11-7; 8th, 10-6; 9th, 11-5. Strieter Productions, Inc., Jane Strieter-Smith, 216-521-GEMS, [spi@stratos.net](mailto:spi@stratos.net), [www.gemstreetusa.com](http://www.gemstreetusa.com).

**Apr. 14-16, Cleveland, OH - International Gem & Jewelry Show, Inc.** I-X Center. 301-294-1640, fax 301-294-0034, [info@intergem.net](mailto:info@intergem.net), [www.intergem.com](http://www.intergem.com).

**Apr. 21-23, Ft. Washington, PA - Jewelry Arts Expo.** Held in conjunction with the new Gem and Mineral Market. Ft. Washington Expo Center, 1100 Virginia Dr. 21st, 11-7; 22nd, 10-6; 23rd, 10-5. *Lapidary Journal* and *Step by Step Beads*, 610-232-5700, [lapidary.journal@primedia.com](mailto:lapidary.journal@primedia.com), [www.lapidaryjournal.com](http://www.lapidaryjournal.com).

**Apr. 22-23, Cleveland, OH - Intergalactic Bead & Jewelry Shows.** Cuyahoga Fairgrounds, Arts & Crafts Bldg., 19000 Bagley Rd. 10-5 daily. 888-729-6904, [ibs@beadshows.com](mailto:ibs@beadshows.com), [www.beadshows.com](http://www.beadshows.com).

**Apr. 22-23, Cuyahoga Falls, OH - Show and sale; Summit Lapidary Club,** Akron Mineral Society; Emidio & Sons Expo Center, 48 E. Bath Rd.; Sat. 10-7, Sun. 10-6; minerals, rocks, gems, jewelry; contact Warren Salchak, (330) 929-3798, or Carl Miller, (330) 633-4250; Web site: [www.LapidaryClubofOhio.org](http://www.LapidaryClubofOhio.org).

**Apr. 28-30, Pittsburgh, PA - International Gem & Jewelry Show, Inc.** Pittsburgh ExpoMart. 301-294-1640, fax 301-294-0034, [info@intergem.net](mailto:info@intergem.net), [www.intergem.com](http://www.intergem.com).

Of course, as always, if you're planning to travel, check out the complete online listings at the Rock and Gem Magazine Calendar (<http://www.rockngem.com/showdates/showdates.shtml>), and the Lapidary Journal Calendar (<http://www.lapidaryjournal.com/cal1.cfm>). While 90% or better of these listings are exactly the same, if you only check one, you could miss one in the 10% that *aren't* in both that's just the one you wanted!

We have been down in the club room many Saturday mornings (which sometimes extend to 2:00-3:00PM), but **check the club web site** at [www.treebeard.net/gemcity](http://www.treebeard.net/gemcity) or call and find out if you would like to join us for any *particular* Saturday. The web site is usually updated with a 'definite' status Friday night or early Saturday morning -- or call me (Harriet) at 455-4851 or Bob Gallivan at 454-6770 to make sure. You can also call to arrange another time for a work session if Saturdays aren't good for you, and someone will try to accommodate you.