

# "DIGGIN'S FROM DAKOTA"



MONTHLY PUBLICATION OF THE "CENTRAL DAKOTA GEM & MINERAL SOCIETY"  
P.O. Box 2445, Bismarck, ND 58502-2445  
SERVING BISMARCK, MANDAN, AND SURROUNDING AREAS IN NORTH DAKOTA



Jerry Nevland, Editor  
"DIGGINS FROM DAKOTA"  
606 North 12th Street  
Bismarck, ND 58501-4301

Volume 33 #3 March, 1998

HAPPY  
ST. PATRICK'S DAY  
MARCH 17, 1998

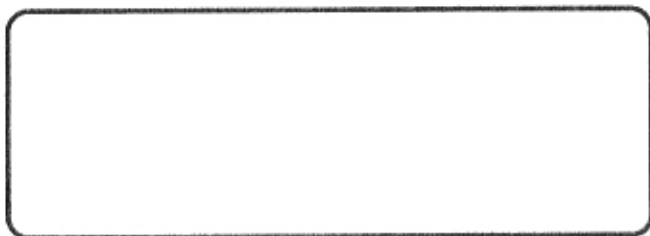


SAVE STAMPS FOR STAMP  
CHAIRMAN



**FIRST CLASS**

RMFMS - 3rd PLACE, SMALL BULLETINS, 1997, New Editor  
RMFMS - 2nd PLACE, SMALL BULLETINS, 1992  
RMFMS - 2nd PLACE, SMALL BULLETINS, 1987  
AFMS - 2nd PLACE, SMALL BULLETINS, 1985  
RMFMS - 4th PLACE, SMALL BULLETINS, 1985  
RMFMS - 2nd PLACE, SMALL BULLETINS, 1981



# DIGGIN'S FROM DAKOTA

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P.O. BOX 2445, Bismarck, ND 58502-2445

In Association With:

ROCKY MOUNTAIN FEDERATION OF MINERALOGICAL SOCIETIES AND  
AMERICAN FEDERATION OF MINERALOGICAL SOCIETIES

## OBJECT:

Organized: March, 1966

1. To further the study of mineralogy and geology.
2. To arrange field trips to collect minerals, gems, and fossils.
3. To assist its members to improve in the art of cutting, polishing, and mounting gem materials;
4. To provide opportunities for the exchange, purchase, and exhibition of specimens and materials;
5. To share knowledge about gems, minerals, and activities of the Society with the general public.

— Article II, CDGMS Constitution

**MEETINGS:** First Sunday of each month at the Masonic Center, 1810 Schafer Street, Bismarck, ND

**EARLY CLASS:** One - half hour before each meeting.

**ANNUAL DUES:** Junior: \$6.00, Single Membership - \$10.00, Family Membership - \$12.00

**MEETING TIMES:** 2:00 pm, from November - March and 7:00 pm, from April - October

## PRESIDENT:

RUSS OLIGER, 13700 22nd Ave. SE, Menoken, ND - 701-255-6440

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Jim Nevland - 221-2419

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**EARLY CLASS:** John Atwood - 222-0389 and  
Harold Brady - 663-3903

**GREETER:** (Any Volunteers?)

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**PUBLICITY:** (Any Volunteers?)

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**DOOR COUNT:** (Any Volunteers?)

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**HISTORIAN:** Betty Mautz - 337-5775

## VISITORS AND GUESTS ARE ALWAYS WELCOME !

**RMFMS - STATE DIRECTOR FOR ND:** Ray Oliger, 516 North 20th St., Bismarck, ND 701-223-4986

All members are encouraged to submit articles/news items for publication. Material for the newsletter should reach the editor by the 10th of each month. Advertisements from members will be accepted for the newsletter. (\$2.00 for 1/8 page) Permission is granted to reprint non-copyrighted articles if proper credit is given. The "Diggin's From Dakota" Newsletter is published monthly.

## Central Dakota Gem & Mineral Society's

24th Annual

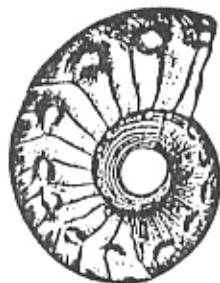
## GEM & MINERAL SHOW

COMMUNITY CENTER — MANDAN, ND

Sept. 26 & 27, 1998

Chrm: Rodney Hickle, HC2, Box 191, Center, ND 58530

Phone — 701-794-3342





### MINUTES FROM MARCH MEETING

The inclement weather canceled the March meeting where a silent auction was supposed to be held. Good News! The silent auction has been re-scheduled for the April 5, 1998 meeting. Don't forget, beginning in April, we begin at 6:30 PM early class and 7:00 PM, regular meeting. That gives everyone one extra month to go through all their rock and mineral possessions to figure out what they would like to sell at the annual silent auction. The club could sure use the extra money raised from this spectacle. Do your part haul in all those rocks that you have been wondering how to deal with. This silent auction also includes lapidary equipment, tools etc. Anything related to the rockhound and his desire to increase his inventory of rocks or rock knowledge would be beneficial to both the seller and buyer. Let's work together to make this "Annual Silent Auction" a huge success. This auction is not only open to the members but also to the general public. Spread the word to non-members as well.

*Jerry Neuland*  
Editor



### MESSAGE FROM THE PRESIDENT . . . .

Well, the weather got us, we canceled the March meeting because of the *snow* and *ice*. Many of our members were snowed in or felt that the roads were too dangerous for travel, so we canceled the meeting. Never Fear, the silent auction has been re-scheduled for our April meeting, which, by the way, will be on Sunday, April 5th with the summer hours going into effect. That is, 6:30 PM for early class and 7:00 PM for the regular monthly meeting.

Ray and I, with several other members of our family, had a great time in the Bahamas. We all got a little sun, did some shopping, played in the casinos, walked on the beaches collecting shells and the like. We ate way more than we should have (great food) and Ray and I snorkeled with the sting rays. They came so close we even got to pet them. When we returned to Florida, we went to the Kennedy Space Center, Disney World, and many of the group went to Sea World as well. The only complaint I have about the whole trip was all the trash in the Bahamas. You would think that a country that survives on tourism would keep its roads and ditches clean of trash. Paper and plastic are one thing, but there were washing machines and wrecked cars on the side of the road as well.

One thing I did notice was how every little sidewalk vender had lots of hematite for sale, most of it was very inexpensive. While talking to some of the vendors, I found out that they import it in the rough and finish it there in the Bahamas.

I have been a little on the lazy side in February. I still haven't finished my sphere machine, and I haven't finished any of the 20 or so cabs I started. It's all just sitting there begging for attention. But since I did go on the cruise, and I was called back to work for a couple of weeks, I don't feel real bad about not doing any work on my rocks.

*Russ Olier*

### GEMSTONE BESTSELLERS

#### 1997 Bestsellers

1. Ruby
2. Blue Sapphire
3. Emerald
4. Amethysts
5. Tanzanite
6. Tourmaline
7. Opal
8. Garnet
9. Blue Topaz
10. Pearl

#### 1998 Predicted Bestsellers

1. Ruby
2. Opals
3. Emeralds
4. Tanzanite
5. Amethysts
6. Opal
7. Pearl
8. Tourmaline
9. Garnet
10. Fancy Sapphire

From: "CUTTING REMARKS," 3/98



Nothing makes a person more productive than the last minute.

ANGELS CAN FLY BECAUSE THEY TAKE THEMSELVES LIGHTLY.

Birthstone

Diamond

Flower

Sweet Pea

April

12: Verna Giese

12: Lee Huber

12: Adam Wetch

29: Michael Brady

**WEDDING ANNIVERSARIES**

(No Wedding Anniversaries on Record)

**Rock of the Month:** CHALCEDONY

A microcrystalline variety of quartz, chalcedony usually occurs as mammillary or botryoidal masses. The color is highly variable, and may be white, blue, red, green, brown, or black. Varieties of chalcedony include jasper, an opaque form; agate, a form with concentric banding of different colors; moss agate, with dark dendrite patterns; chrysoprase, a green variety; and onyx, in which the banding is parallel. Carnelian is red to reddish brown, and sard is light to dark brown. There is a white streak. Chalcedony is a transparent to translucent or opaque mineral, and it has a vitreous to waxy luster.

**Formation:** This mineral forms in cavities in rocks of different types, especially lavas. A lot of chalcedony develops at relatively low temperatures, as a precipitate from silica-rich solutions. It can also be formed as a dehydration product of opal.

**Word of the Month:** BASAL CHLAVAGE

Cleavage that is parallel to the basal crystal plane of a mineral.

**KID'S CORNER****"Homemade Goop"**

By Connie Wheeler

(Need something to do inside while the winter weather does its stuff with the wet & cold? Here's something fun to make, but you will need an adult to help you! — Editor's Note.)

Kid's will love this stuff. It's similar to the commercial brands of *Flubber*. The added bonus is while making this stuff, a safe chemical reaction occurs, which is pretty cool to watch.

In one container mix 1- 1/2 cups of warm water, 2 cups Elmer's glue, and food coloring. In a separate container, mix 4 tsp. borax (from the grocery store) with 1-1/3 cups warm water. Allow both mixtures to dissolve completely, stirring each well. Next, pour one solution in with the other, and voila! Rubbery Goop! There's no need to stir or mix the solution. It simply becomes a clump of rubber. If you perform the final mixing in a clear glass bowl, you can watch the goop form. Store your goop in airtight containers or plastic baggies.

From: *T-Town Rockhound*, 2/98

**YOU KNOW YOU'RE GETTING OLDER . . .**

By Garland Necessary of Bristol, Virginia

**When:**

1. The gleam in your eyes comes from the sun hitting your bifocals.
2. You feel like "the morning after" but you haven't been anyplace.
3. Your little black book contains names ending in M.D.
4. Your back goes out more than you do.
5. You get winded playing cards.
6. You look forward to a dull evening.
7. You know all the answers, but no one asks you the questions.
8. You sit in a rocking chair, then can't get it going.
9. Your knee buckles, but your belt won't.
10. You have too much room in the house, but not enough in the medicine cabinet.
11. You sink your teeth into a steak and they stay there.

From: *"CUTTING REMARKS,"* 3/98

**WHAT'S THE DIFFERENCE ?**

What's the difference between nodules, geodes and concretions?

A nodule is a rounded mass of irregular shape, a little knob or lump of any kind of mineral. The word 'nodule' comes from the Latin meaning 'knot.'

A geode is a nodule which is hollow or has a cavity that is often lined with one or more minerals. A geode may also be called a hollow nodule. The word 'geode' comes from the Greek meaning 'earth form,' a term from ancient history.

A concretion is a mass formed by the aggregation and precipitation of some mineral like quartz or calcite around a nucleus which may be rounded, spherical, oval, flattened, elongated or a combination of forms. The word comes from the Latin 'to grow together'.

From: The Rock Vein, 10/79

**THE BLARNEY STONE**

There are many famous stones. This being the month of March, we more or less tend to think of St. Patrick and the Irish Folks.

The Blarney Stone is a stone that was built into a wall of an old castle, near the top of it, in the village of Blarney, Ireland, four miles northwest of Cork. Legend has it that those who kiss it are given a persuasive tongue and become more skillful in the art of flattery. They become more endowed with the same productive rhetoric that belongs exclusively to the natives of Ireland and is known as "Blarneying."

To kiss the Blarney Stone is not as easy as it sounds. The person doing the kissing must lie on his/her back and bend his/her head back and down to reach the "fabled" sweet spot under the ledge of Blarney Castle. It is necessary for the kisser to have someone present to give a helping hand in order to support him/herself.

No one seems to remember the origin of the custom, but Queen Elizabeth was once greeted with such flowery language by the Lord of the Blarney Castle that she harshly remarked, "What? More Blarney?" !!!! **AUTHOR UNKNOWN**

**HEAT - TREATING BRAZILIAN AGATE**

The best material to heat-treat is that which has translucent or transparent areas. The colors obtained are quite pretty. The more opaque slabs produce rather dull colors or gray tones.

Put the slab in a cold oven, set at 200 degrees Fahrenheit. Move up to 50 degrees every 15 minutes until 550 degrees are reached. Leave it there for 20 minutes. Then turn off the oven and let the slab cool for 24 hours (note: some sources say "a few hours" while others say "24 hours.") Do not work it until the following day as the agate will be quite brittle for 12 to 18 hours. G.I. Nugget, 4/90

**WHY HAVE A CLUB SHOW ?**

By: Chic Cihacek

Why have a club show? The first reason that comes to mind for many is that a club show provides an excellent source of revenue for a club. For many clubs this is of utmost importance, especially for clubs that have limited membership and still want to contribute to local schools, libraries, museums, organizations, scholarship funds, etc. a well organized show can help many a club's depleted treasury.

In spite of the logic of the above reason, many diehard rockhounds feel that this should not be the primary justification for staging a club show. They feel that in keeping with the by-laws of virtually every rock club that state that these organizations are founded for the purpose of furthering interest and knowledge in the earth sciences and the lapidary arts, a club show should be used as a show case for the members to display their knowledge and skills to the general public and in so doing, interest others in our hobby.

Then there is that group to whom a club show is just a big social get-together. These are usually "fun-loving Charlies" who do a lot of visiting but contribute little to the show itself, either in the way of displays or work.

Why have a club show? There can be no single reason for the many hours of planning and preparation; the efforts put forth in advertising and getting cases ready, the concerted work of setting up and draping tables and all the other labor that putting on a club show entails.

A successful club show will encompass all of these reasons and more. It will bolster a club's financial status, provide an opportunity for members to display their collections and lapidary artistry, will afford all involved a chance to meet old friends and make new ones. Last, but not least, a club show gives every member who participates a rewarding feeling of accomplishment for a job well done. From: G.I. Nugget, 10/84

**IF YOUR MIND SHOULD HAPPEN  
TO GO BLANK, DON'T FORGET  
TO TURN OFF THE SOUND...**

**THERE ARE TWO KINDS OF FISHERMEN:  
THOSE WHO FISH FOR THE SPORT OF IT,  
AND THOSE WHO CATCH SOMETHING . .**



**1998 Roster of Paid-up Members of C.D.G.M.S.**

- |                              |                     |
|------------------------------|---------------------|
| 1. Margery Bechtold          | Minot, ND           |
| 2. Melvin & Agnes Berg       | Underwood, ND       |
| 3. Walter Bosley             | Rugby, ND           |
| 4. Mathew Bovkoon            | Benedict, ND        |
| 5. Harold & Emma Brady       | Mandan, ND          |
| 6. Michael & Gwen Brady      | Mandan, ND          |
| 7. Bill & Gen Buresh         | Mandan, ND          |
| 8. Neill & Alice Burnett     | Bismarck, ND        |
| 9. Elsie Campbell            | Elgin, ND           |
| 10. William Collins          | Santee, CA          |
| 11. Terry & Anna Marie Ellis | Hensler, ND         |
| 12. Ted & Verna Giese        | New Salem, ND       |
| 13. Henry & Ethel Hanssen    | Dickinson, ND       |
| 14. Rodney & Carol Hickie    | Center, ND          |
| 15. Wilma Hilgemann          | Leola, SD           |
| 16. Richard Hoener           | Almont, ND          |
| 17. Ed & Lois Horning        | Bismarck, ND        |
| 18. Colleen Huber            | Mandan, ND          |
| 19. David & Ruby Jensen      | Hazen, ND           |
| 20. Eleanor Larson           | Oildale, CA         |
| 21. Lee Manske               | Dickinson, ND       |
| 22. Betty Mautz              | Garrison, ND        |
| 23. Glenn Michaels           | Weatherford, TX     |
| 24. John & Ellen Miller      | Douglas, WY         |
| 25. Richard & Claire Moen    | Grand Forks, ND     |
| 26. Katherine Muggli         | Gresham, OR         |
| 27. James Nevland            | Bismarck, ND        |
| 28. Jerry & Melody Nevland   | Bismarck, ND        |
| 29. Steve & Darlene Newstrom | Bismarck, ND        |
| 30. Jerome & Esther Nygaard  | Hermosa Beach, CA   |
| 31. Ray Olinger              | Bismarck, ND        |
| 32. Russ Olinger             | Menoken, ND         |
| 33. Lenora Opp               | Bismarck, ND        |
| 34. Elma Rambough            | Valley City, ND     |
| 35. Bob & Sue Randall        | Bismarck, ND        |
| 36. Doug & Jan Rhonemus      | Elk River, MN       |
| 37. Bob & Rae Sprong         | Regina Beach, Sask. |
| 38. Walter Weisenburger      | Bismarck, ND        |
| 39. Tracy West               | Mandan, ND          |
| 40. Norman & Rose Zimmerman  | Bismarck, ND        |

This is a list of the paid-up members as of March 1, 1998

**THE DISAPPEARING HUNTER. . .**

"What are we going to do?" said the Baby Tiger to Mama Tiger in the jungle, "Here comes a hunter, and he has five rifles, three special sighting scopes, and devices to allow him to see in the dark!"

"Hush!" answered Mama Tiger and she taught her cub how to sneak up from behind and pounce.

The hunter was never heard of again.

All of which goes to prove that technology may be fine, but it will never be a substitute for a good basic education. From: 2002 Gems of Educational Wit & Humor

**How Did the Odd Circle of Rocks at Stonehenge Come To Be ?**

At Stonehenge in England, stand huge stones, some as high as 24 feet, arranged in three circles, one inside the other. They seem to be in that pattern for a reason, but until only recently, no one knew that reason. People could only guess that it was an ancient temple, which, according to radio-carbon tests, was built in 2200 BC.

Then in 1966, Gerald Hawkins, an astronomy professor, fed the pattern of stones into a computer and found the purpose of Stonehenge. It is not, as many believed, an ancient temple. By checking the rising and setting of the sun at different times of the year through various openings in the circles of stones. Hawkins discovered that Stonehenge was a kind of seasonal calendar by which to calculate the rising and setting of the sun and moon, and even to predict eclipses of the moon.

He found that every June 24th, Mid-summer's Day, a person could stand in the exact center of the circle and know that the rising sun would shine directly on him through a line of stone pillars. As a calendar, this stone structure is amazingly accurate — a tribute to ancient astronomers who lived more than 4,000 years ago!

Professor Gerald Hawkins estimated that it took 1,500,000 man-workdays to construct Stonehenge.

From: Lake Agassiz Rock Hound, 2/85

**JEWELRY CARE TIPS**

Wear pearls frequently to absorb natural skin oils to give them greater luster. Put pearls on after applying cosmetics, perfume, and hair spray.

Opals are sensitive to extreme temperatures so avoid very hot or cold weather, direct sunlight, or dishwashing.

Have emeralds oiled by a jeweler every few years to maintain beauty.

From: 'Cutting Remarks' 5/08

**DEE'S DOINGS**

*Dee Holland*  
AFMS PRESIDENT

At the AFMS meeting in Jackson, Mississippi, the AFMS recognize the ALAA as their lobbying arm, but this recognition came with no monetary funds being forwarded from the AFMS. At the present time, the ALAA have two bills that have been sent to the Congress of the United States. These are the Fossil Bill and the Rock and Mineral Act. At this time ALAA is trying to get these introduced into the Senate and House of Representatives. I have informed that there will be a mailing from the ALAA President Jon Sponaogle to all clubs in the AFMS, with an explanation of the two bills as well as an explanation of the Wewer letter, which was paid for by the ALAA, and is a legal explanation of what clubs can do monetarily and personally toward lobbying. The ALAA and AFMS encourages everyone to write their Representatives in the Senate Chambers and House of Representatives to ask for their support on these bills.

The AFMS Newsletter is the means we have of communicating what is happening in the AFMS to the Regional Federations and the individual clubs, there were 778 clubs within the seven Regional Federations as of Nov. 1, 1997. There were 1863 newsletters printed for the last issue. This includes copies to all AFMS past Presidents, current officers, all AFMS and Regional Chairpersons and three copies to each club in each in all Regional Federations, that the AFMS Central Office has addresses for. Please get your updated address lists to the Central Office. From: AFMS Newsletter, 3/98

**OLD FOLKS**

I have become quite a frivolous old gal. I am seeing five gentlemen every day. As soon as I wake up *Will Power* helps me get out of bed. Then I see *John*. *Charlie's Horse* comes along and when he is here, he takes alot of my time and attention. When he leaves .... *Arthur Ritus* shows up and stays the rest of the day. He doesn't like to stay very long, so he takes me from joint to joint. After such a busy day, I'm really tired and am glad to go to bed with *Ben Gay*.

FROM: No Stone Unturned, 3/98

**FLUORESCENCE**

The Fluorescent Mineral Society has established a web site:

<http://www.best.com/~uvminrls> for those interested in fluorescent minerals. It was established, 4 Jan 1998, in the initial form. It is not completely operational, but has some interesting information. It has the following headings: Luminescence, Specimens, Publications, Resources, Memberships, and Meetings. The Society has over four hundred members worldwide and over one hundred seven are on e-mail. Check the web site for more information about the organization.

From: Sooner Rockologist, 2/98

**HUH ???**

— Monty Python —

I think that all right-thinking people in this country are sick and tired of being told that ordinary, decent people are fed up in this country with being sick and tired. I'm certainly not! But I'm sick and tired of being told that I am!

From: AFMS NEWSLETTER, March, 1998

**ROCK CACHES**

*Author Unknown*

Have you heard of the expression "Rock caches"? It is said that the Indians and Spaniards used this trick to hide gold and other treasures. The method was to chop a hole in a solid rock wall until it was the diameter and depth they wanted. Then a lid was made that fit so perfectly that it was almost invisible. If you happen to be an area where there are rock cliffs, keep a sharp look-out for faint, circular, dubious depressions that could indicate a cache. You may be lucky and find an old treasure that was hidden away many years ago. If you have a metal detector use it on the circle.

From: The Roadrunner, 1/98 via  
The Rockhound Gazette, 2/98

**THE IMPERIAL EASTER EGG**

BY MELODY NEVLAND

"Here comes Peter Cottontail, hoppin' down the bunny trail, hippity hoppin', Easter's on its way. Bringin' every girl and boy baskets full of Easter joy, things to make your Easter bright and gay.

If ever a song rang more true for someone, this one almost seems to have been written for Alexandra Feodorovna, The Tsarina of the Imperial Russian Court. However, her Easter bunny went by the name of Carl Faberge.

Carl Faberge created the famous Imperial Easter eggs for the Russian Tsars to give to the Tsarina on Easter morning. In Russia, Easter, the most important holy festival of the entire calendar year, was marked by the traditional exchange of eggs, a symbol of Resurrection and three kisses.

Carl Faberge was a goldsmith, who in 1870, as a young man of 24, took over the conventional jewelry business founded by his father, Gustav. While working for the court of the Imperial Russia under Alexander III and Nicholas II from 1895 to 1917, Faberge and his craftsmen devoted all their skill and ingenuity to the extra ordinary Easter eggs, each of which embodied a theme or hid a surprise of some sort, sometimes of a mechanical nature. They were designed solely to give the Tsarina hours of pleasure.

The first Imperial egg made, believed to be in 1884, has a height of 2 1/2 inches. The shell of the egg is gold, enameled opaque white, and polished to give the effect of a hen's egg. The two halves are held together by a bayonet fitting. When these are opened, a yellow gold yolk with a dull sandblasted surface is revealed. Inside this yolk, which opens in the same way as the shell, sits a yellow and white tinted gold hen as though in a nest. Each feather is carefully engraved with two cabochon ruby eyes set in the head, the beak and the comb are in red gold. By lifting the head, the hen opens on a hinge at the tail. Originally, a diamond replica of the Imperial Crown was contained inside the hen, and when this was opened, a tiny ruby pendant was found hanging inside.

It is believed that there were 57 Imperial Eggs made for Alexander III and Nicholas II.

While Faberge may best be known for his Russian Imperial Easter Eggs, his mastery with agate, chalcedony, and quartz resulted in dazzling carvings of animals, flower boxes, jewels, picture frames, automated pieces, perfume bottles, icons, small decorative objects, even one or two pieces of furniture.

The exquisite objects that came out of the Faberge workshop represent the ultimate refinement of his art, and can be enjoyed in one's leisure with the many books on this "Rabbit of Distinction." THE ART OF CARL FABERGE by A. Kenneth Snowman and FABERGE: COURT JEWELLER TO THE TSARS by Dr. Geza Von Habsburg and Alexander Solodkoff are just two such books for you to gaze upon while you eat your chocolate Easter bunny.

**CHANGE IS CONSTANT . . .**

Many people do not realize that change is the only constant in this world. Paradoxical? No! Think about it! Water evaporates, steel rusts, wood rots, granite decomposes, time passes, the sun rises and sets, old species die out, new species evolve, old "truths" are disproved, new "truths" are discovered. The only thing that keeps going (like the Energizer Bunny?) is change. And, yet, some among us would like to stop change, to freeze things as they are, or were, at some instant of their choice. — John Mastin, via CHAPARRAL CHATTER, 9/96 via The Pick & Pack, 3/98

Wisdom doesn't always come with age. Sometimes age just shows up all by itself.  
From: THE PRAIRIE RAMBLER, via The Oskosh Quarrier, 1/98 via THE PICK & PACK, 3/98

**GETTING AHEAD IN LIFE**

The *Secret* of getting ahead in life is getting started. The *Secret* of getting started is breaking your complex and overwhelming tasks into small manageable tasks, and then starting on the first one.

Mark Twain



## HEALING PROPERTIES OF GEM STONES

Stone	Physical Healing	Spiritual Healing	Chakra	Miscellaneous
1. Amber	Absorbs negativity. Beneficial when placed over areas of pain or imbalance. Revitalizes tissues of internal organs.	Good when worn or used by people with suicidal tendencies or who get depressed easily. Grounding, stabilizing.	3rd Naval	Used in crystal healings, placed over areas of internal organs — these tissues can be revitalized.
2. Aquamarine	Aides in healing eyesight, reduces fluid retention. Calms nerves, soothing.	Excellent stone for meditation. Brings serenity & peace, like the sea.. Sends peace to the soul.	5th Throat	A good stone to wear when traveling over the sea., creates a calming effect. Calms nerves and relaxes the body.
3. Aventurine	When placed over an imbalanced area a green healing ray is penetrated into the Aura. Psychosomatic illness, skin diseases.	Increases perception. Lucky stone for games of chance or opportunity.	4th - Heart or 3rd Solar Plexis	Used in crystal healings when one wants to soothe a troubled heart, neutralizes emotions, & brings a sense of balance to the physical & emotional bodies.
4. Amethyst	Good for insomnia, relieves headaches, lung problems. Prevents excessiveness of liquor. Eases mental anxieties. Calming effects.	Intuitive stone. 3rd eye opener. One of the best to use for meditation. Teaches humility, initiates wisdom & understanding.	6th 3rd eye All Chakras	Beneficial aid for one who is grieving the loss of a loved one, as it teaches external existence of the soul. Good for overworked, overstressed mental states.
5. Azurite	A thought clearer - develops mental control over emotions & reactions.	Most powerful stone to use when consciously prepared to meet personal fears straight on. Penetrates the Subconscious - unblocks the Psyche.	6th 3rd eye	Stimulates psychic abilities. Higher inspiration, clearer meditation, & greater mental control. Clearer decision making. Aid hypnosis, eases body joints.
6. Bloodstone	Blood disorders, leukemia, hemorrhaging, stomach & bowel pain. Purifies the blood. Strengthens kidneys, liver & spleen.	Courage & mental balance develops. Heart & base (1st) chakras are opened & aligned. Stimulates energy flow.	1st Base	In healing, when placed over areas of sluggish circulation & congestion, the areas become clear & energy flows freely. Primarily over cleansing organs
7. Calcite (green)	Relieves arthritis, tendonitis, rheumatism, or any osteopathic problems.	Astral projection, dreamwork, A healer in times of transition & readjustment.	3rd eye or base of neck	Releases old mental patterns. Fevers can be cooled, burns healed, and anger related symptoms eased.
8. Carnelian	A good stone to carry or wear if you have an eating disorder. Increases energy level. Aids in removing lethargy.	Good for meditation to focus the mind on higher intentions or goals.	2nd creative/ sexual	A good stone for those that are absent minded, confused or unfocused. Good to place on the pelvic area for infertility or impotency.
9. Chrysocolla	Any disease or blockage of the throat. Alleviates fears or guilt.	Reacts upon your analytical & intuitive abilities. Good for the ability of expressing your emotions.	5th Throat	Helps combine creative ideas with new practical applications. Good stone to keep in your work space. Its balancing effect can improve your work.
10. Citrine	Unblocks the naval chakra — useful for poor digestion, kidney & bladder infections, & constipation.	Good for overly sensitive people. Increases the amount of light surrounding the body, creates Protective Aura.	3rd Naval	Builds confidence & security. Best stone to use when trying to accomplish earthly matters such as business, education, relationships, (interpersonal), & family matters.
11. Emerald	Strengthens memory, enhances speech. Acts as a natural tranquilizer. Relieves eye strain.	Stimulates open-mindedness. Strengthens perception & insight.	7th Crown 4th Heart	Stabilizes astral body & increases psychic & clairvoyant facilities.
12. Fluorite	Calms the nervous system. Aids in mental disorders.	Enables you to maintain a centered meditative space while in the midst of physical activity.	3rd Eye	When placed on the third eye. Fluorite cleanses the aura. Called "Genius stone," it is said to represent the highest state of mental activity.
13. Garnet	A curative for mental depression. Reduces body toxins & alleviates mental problems. Blood purifier.	Increases creative energy, enhances sexual expression. Increases positivity, therefore enhancing self-esteem.	2nd Creative Sexual	"Lucky stone." Encourages success in business relationships. Said to be lucky for love. An aid to the imagination.

**ALAA MEMBERSHIP DRIVE**

Have you been contemplating helping out the "Rockhound Cause?" Consider joining the American Lands Access Association, Inc. They are lobbying for the AFMS. Take time now to fill out the membership application below and include a check for \$25.00 also. Any questions? Call: 888-449-2700.



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Remit fees to: ALAA, R. Ed. Romack, Treasurer, 655 Eighth Street, Idaho Falls, ID 83401

The A.L.A.A. is a 501(c)(4) organization. Its purpose is promoting and ensuring the right of the amateur hobby collecting, recreational prospecting and mining, and the use of public and private lands for educational and recreational purposes, and to carry the voice of all amateur collectors and hobbyists to our elected officials, government regulators and public land managers. Contributions to the A.L.A.A. are not deductible as charitable contributions for Federal Tax Purposes.

**RADIOACTIVE STONE WARNING**

It is reported from Thailand that there are dangerously radioactive brown cat-eye stones circulating in the world. The radiation level is reported as over 50 times more than allowed by US law. They have apparently been bombarded with radiation in a nuclear reactor in order to change them from yellow to the much more valuable brown.

Indonesia is believed to be the source of the stones. The altered stones sell for very high prices. It is recommended that one not buy brown cats-eye stones without checking them for radioactivity.

From: AFMS Newsletter, 12-97 via  
T-Town Rockhound, 2/98

**"ROCK — OL — OGY"**

1. Rockhounding is not a matter of life and death — it is much more important than that.
2. A wife and a steady job have ruined many a good rockhound.
3. I once gave up rockhounding. It was the most terrifying week-end of my life.
4. I've spent much of my life rockhounding, the rest of it I've just wasted.
5. My wife said she was going to leave me if I didn't give up rockhounding. Boy, am I going to miss her.
6. Take time in life to feel, touch, and lick a rock.
7. Beware of people who don't like rocks or "rockhounding."
8. Don't let sleeping rocks lie.
9. There is no fanatic like a freshly converted "rockhound."
10. Many think a rockhound has rocks in his head.
11. Better rocks than nothing.
12. The rocky road to heaven is paved with rocks.

From: Pebble Trail, 3/98

