



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

Gen & Bill Buresh, Eds.  
DIGGIN'S FROM DAKOTA  
44 Captain Marsh Dr.  
Mandan, ND 58554-4704

Volume 31, No. 3  
March, 1996

**FIRST CLASS**

SAVE STAMPS FOR

SAVE STAMP FOR

STAMP CHAIRMAN

STAMP CHAIRMAN

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

Published by the CENTRAL DAKOTA GEM & MINERAL SOCIETY  
P.O. BOX 2445, BISMARCK, ND 58502

Member of

ROCKY MOUNTAIN FEDERATION OF MINERALOGICAL SOCIETIES and  
AMERICAN FEDERATION OF MINERALOGICAL SOCIETIES



### Organized March 1966

- OBJECT: 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 material;  
4. To provide opportunities for the exchange, purchase, and exhibition of specimens and materials; and  
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 Masonic Bldg., 1810 Schafer Street, Bismarck, ND;

2:00 p.m., November through March; 7:00 p.m. April-October.

EARLY CLASS: One-half hour before each meeting. VISITORS ARE WELCOME.

ANNUAL DUES: Family - \$10.00; Individual Adult - \$8.00; Individual Jr. - \$4.00

### 1996 OFFICERS

PRESIDENT -- BETTY MAUTZ, Rt. 1, Box 368, Garrison, ND 58540 - - - - - 337-5775

VICE PRESIDENT -- RUSS OLIGER, RRI, Box 52B, Menoken, ND 58558 - - - - - 255-6440

SECRETARY -- ROBB MORRIS, 615 N. 13th St., Bismarck, ND 58501 - - - - - 221-3205

TREASURER -- NEILL BURNETT, 1002 Arthur Dr., Bismarck, ND 58501 - - - - - 223-6758

### COMMITTEE CHAIRMEN

PROGRAM: Betty Mautz - - - - 337-5775

Ray Oliger - - - - 223-4986

HOSP.--LUNCH: Carol Hickle - 794-3342

Emma Brady 663-3903 or - 663-3904

HOSP.--CARDS: Gen Buresh - - 663-5397

FIELD TRIP: Norman Mautz - - 337-5775

John Campbell - 223-6754

EDITORS: Gen/Bill Buresh - - 663-5397

FEDERATION REP.: Ray Oliger - 223-4986

ANNUAL SHOW 1995: Rodney Hickle 794-3342, Ray Oliger 223-4986, Harold Brady 663-3903

RMFMS-STATE DIRECTOR FOR ND: Betty Mautz, Rt. 1 Box 368, Garrison ND 58540 337-5775

EARLY CLASS: John Atwood - - - 222-0389

Harold Brady -663-3903 or - 663-3904

GREETER: Betty Mautz - - - - 337-5775

LIBRARIAN/HISTORIAN: Sue Randall-223-1625

PARLIAMENTARIAN:

PUBLICITY: Edna Mausehund - - - 782-4291

STAMP CHR.: Doris Hickle - - - 794-3173

DOOR COUNT: Betty Mautz - - - 337-5775

All members are encouraged to submit articles/news items for publication.

Material for the bulletin should reach the editor by the 10th of each month.

Advertisements from members will be accepted for the bulletin. (\$2.00 for 1/8 page)

Permission is granted to reprint non-copyrighted articles if proper credit is given.



Central Dakota Gem & Mineral Society's  
22nd Annual

**GEM & MINERAL SHOW**  
**COMMUNITY CENTER -- MANDAN, ND**

**Sept. 28-29, 1996**

**Chr.: Rodney Hickle, HC2, Box 191, Center, ND 58530**

**Telephone--701-794-3342**

# DIGGIN'S FROM DAKOTA

VOL. 31, NO. 3

MARCH 1996

NEXT MEETING--APRIL 14, 1996, Masonic  
Center, 1810 Schafer St., Bismarck  
EARLY CLASS - 1:30 p.m. -- Meeting - 2:00 p.m.  
PROGRAM: Norman & Betty Mautz  
LUNCH COMMITTEE: Russ Olinger and Robb Morris

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## PRESIDENT'S MESSAGE

*These wonderful spring-like days make me think about getting out on a field trip. Anyone have any ideas?*

*We also need ideas for programs. Our members have had some very good presentations in the past. Don't be bashful. If any of you have something "rocky" to report, just let the president or the vice-president know.*

*Don't forget the meeting will be on April 14, a week later than usual because Easter falls on our regular meeting day. Also, our evening meetings will begin in April.*

*Happy Easter, everyone.*

*Betty Mautz*

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## CALENDAR OF EVENTS

- MAR 8 THIRTIETH ANNIVERSARY OF ORGANIZATIONAL MEETING OF  
CENTRAL DAKOTA GEM & MINERAL SOCIETY
- Mar 16 BISMARCK, ND-- ND Paleontological Soc. Meeting, 7:30 p.m.  
Cap. Elec. Bldg., Highway 83 North of Bismarck
- Mar 23-24 LINCOLN, NE-- 38th Annual Show, Lincoln Gem & Mineral Club, Inc.
- Mar 23-24 CEDAR RAPIDS, IA-- 32nd Annual Show, Cedar Valley Rocks and Minerals Soc.
- APR 14 BISMARCK, ND--Central Dakota Gem & Mineral Soc. Early Class--6:30 p.m.,  
Meeting--7:00 p.m. Masonic Center, 1810 Schafer Street.
- Apr 20-21 BILLINGS, MT--Annual Show, Billings Gem & Mineral Club
- Jun 7-8-9 ROSWELL, NM--ROCKY MOUNTAIN FEDERATION ANNUAL Show & Convention
- Aug 6-11 RIVERSIDE, CA--AFMS/CFMS NATIONAL SHOW & CONVENTIONS. "DIAMOND  
DAZE," Riverside Convention Center.

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## Central Dakota Gem & Mineral Society's 22nd ANNUAL GEM & MINERAL SHOW

Mandan Community Center, Mandan, North Dakota

SEPTEMBER 28-29, 1996

Show Chr.: RODNEY HICKLE, HC2, BOX 191, CENTER, ND 58530

AT THE LAST MEETING, March 3, 1996

In the absence of the president, Vice-President Russ Oliger presided at the meeting, which opened with the Pledge of Allegiance. The minutes of the previous meeting were read by Secretary Robb Morris and approved as read. No Treasurer's report was available as the Treasurer had been called out of town.

A short business meeting was held. Door prizes were distributed. A silent auction was held instead of a program this month.

Lunch was served by Steve Newstrom, Darlene Liviestad and her son. (by Gen Buresh)

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## THE FIRST GEMSTONE

The first gemstones known to be used by humankind were perhaps some garnets found during the modern excavation of an ancient lake dweller's grave in Czechoslovakia. This Bronze Age grave, over 5,000 years old, besides yielding the bones and other effects of its occupants, turned up some garnet pebbles that had been drilled, apparently to be used as a pendant for one of the occupants. Even now, Czechoslovakia is famous for its fine jewelry-quality stones, and many rings and other pieces of jewelry of the late nineteenth and early twentieth century contain garnets from this location.

-- From MINERALOG 5/95 via KORIN KRIB  
NEWS 9/95 and LAKE AGASSIZ ROCK HOUND 12/95 □ □

From ROCKY MOUNTAIN FEDERATION NEWS, 3/96

GOOD BOOK--In an article titled, "A 'Must Read,'" Diane Dare recommends a new book on fossils. From the dedication of the book: "This book is dedicated to all the amateur fossil-hunters who donate their weekends and vacations to enlarging our appreciation of the past. In Wyoming we call them the 'Jurassic Irregulars.'" . . .

Diane states, "Any book with a dedication like that has to be on the must-read list of every rockhound!" The title is RAPTOR RED by Robert T. Bakker. (1995, Bantam Books).

## DUES ARE PAST DUE

Attached for each member is a CDGMS Membership list with all names reported to us as having paid dues for 1996. This will be the last bulletin you will receive if dues are not paid by the date of the next meeting.

Your address label on the bulletin indicates your present status. If you disagree, please let the treasurer know.

In addition to keeping the membership list up-to-date, prompt payment of dues cuts costs. The treasurer states that the bank has started charging for additional deposits per month beyond three, which happens when dues checks straggle in.

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TIP -- DULL SLAB SAW BLADE, by Dick Rathjen.

After years of dealing with apparently inferior diamond blades in my slab saw, I found out that it was not the fault of the blade at all. Years ago when we bought the slab saw, it was set up to run the blade at about 1175 RPM. It turns out that this was much too slow for the newer blades. I replaced the drive pulleys so that the blade is now turning at 3450 RPM. The saw now cuts through even the toughest agate with no trouble at all. If you have been having trouble keeping your slab saw blade cutting properly, check the speed of the blade and run it according to the manufacturer's recommendations. It makes a big difference.

If your slab saw or trim saw has a plastic cover that has turned yellow with age and use, try cleaning it with the household cleaner "Fantastic." Most solvents will not clean the built up residues from the plastic without damaging the plastic, but Fantastic, with a little effort, will make it look almost like new. From STONEY STATEMENTS 7/94

## ROCKINITIONS

TUMBLER--One who falls down a rock pile

ROCK CHISEL--One who chisels someone else's pickings

QUARTZ--Two pints of rocks

ZINC--Where you wash your tired feet

AMATEUR--One who keeps his mouth shut and his eyes and ears open

ZINCITE--A small zinc

CONGLOMERATE--A group of Rockhounds

APATITE--What you get on a long field trip

--From MINERALSCOOP 1/85, Randy Howell, Ed.

PROGRAM--MARCH 3, 1996

At the last meeting, a silent auction was held in place of a program. During time for the Early Class, members were busy setting up their items for sale, plus items of Verl Mausehund's equipment and materials that Edna was selling. There was lively discussion during this time among the members as they observed both the equipment and the specimens for sale.

At 2:00 p.m., the meeting was held, followed by the auction. □□

MORE MARCH BIRTHDAYS

4 Rebecca Atwood 30 Broadus Jeffco-Sacco

APRIL BIRTHSTONE: Diamond

FLOWER: Sweet Pea

APRIL BIRTHDAYS:

2 Kristi Eng 29 Karen Atwood  
12 Verna Giese 29 Michael Brady  
18 Sharon Schwindt 29 Penny Hanson  
Happy Birthday to all!

No anniversaries on record for April

PROGRAM, APRIL 14, 1996--President Betty Mautz and her husband Norman are planning a program for the next meeting. We look forward to hearing more about their experiences while traveling.

NOTE: Eugene Gerber, daughter of Pius Fischer and former member of Central Dakota Gem & Mineral Society, called the editors to tell them that an auction sale of her father's household belongings, including his rock equipment, rough rock, specimens, slabs, findings, and finished jewelry, will be held at the Fischer home on Saturday, April 20, 1996 at 10:00 A.M. Eugene suggests that interested people bring lawn chairs and spend some time at the sale. A chuck wagon will be there to sell food. A short list of lapidary items for sale is listed below:

**FOR SALE**

**Household Items plus**

**Dispersal Sale of**

**Rock Equipment, Materials, and Finished Items**

**ROCK EQUIPMENT**

10" Rock Saw  
2 Tumblers  
Cabber  
Trim Saw  
Polishers  
Show cases with lights--  
1 Upright case, large  
Table top cases, flat, glass tops

**ROCKS**

Montana agate, Mexican crazy lace,  
Jade, Picture agate, Turquoise,  
Petrified wood, Teredo bored wood  
Fluorescent material: Pink, green,  
yellow, red, and bright red  
Rough rock, slabs, cabochons  
Findings  
Finished jewelry

**Saturday, APRIL 20, 1996**

**10:00 A.M.**

**Pius Fischer residence**

**501 South 13th St.,**

**Bismarck, ND**

**Chuck Wagon Food Will Be Available**

From ROCKY MOUNTAIN FEDERATION NEWS, 3/96

## **ROCKHOUNDING IN THE 21st CENTURY**

by Clint Lemmons, Colorado Mineral Society, Denver, CO

Just how successful have you been in your collecting adventures lately? Whether you have been in the hobby two months or 20 years, the answer is probably "Not that great." I have given this a lot of thought, done a bit of research, and discussed it with other rockhounds at my level of experience and knowledge. What I have decided is that I (we) have been prospecting based on information which is no longer relevant. We need to change our way of thinking, our strategies, and our expectations.

Pegmatite crystal collecting in the 1990's is like trying to find a Mother's Day card on the Saturday before. The pickin's are a little slim. The oil and gas producers have the same problem. They put it this way; in their industry there are still plenty of rabbits to hunt, but all the "slow rabbits" have been caught. From now on, rabbit hunting will be much more difficult. The same thing is true for our hobby. The "good ol' days" are truly gone.

The "days" I am referring to are from about 1930 to 1970. Go back and look at some of the older locality books and rock magazine articles. Read them with the understanding of the times in which they were written. Read between the lines and you'll see that they were written by pioneers of our hobby, and as such, crystals were a-plenty. True, thousands of miners had poured over every square foot of the mountains in the late 1800's, but they were seeking gold and silver. Quartz was a waste material. Then, with the advent of the automobile, any person with an interest in pretty rocks now had access to previously virgin areas. PLUS, the old miners had already prospected the areas of mineralization to point the way and even left the crystal collectors with holes in the ground to get rockhounds started.

Those with knowledge of geology and/or mineralogy had especially easy pickings. Can you imagine having the knowledge of an Ed Over or Arthur Montgomery and being able to visit a virtually unvisited and unpicked-over Mount Antero, Devil's Head, or Crystal Peak? It almost makes me faint. With this in mind, re-read some of these books and you might be able to understand that the directions they give, the descriptions of the collecting methods, and the types of materials and the quantities available they indicate are based on those early days of "plenty."

Rockhounding in the 21st Century will require some adjustments in our approach. If you decide to visit one of the more popular locations listed in one of these books, don't make the mistake of thinking that what was written 40 or 50 years ago still holds true today. Roads and landmarks are not the same if they are still there at all. The land or access route may now be on private

property or be under a mining claim. You can be sure that if a collecting locality is still available to you, it has been visited by thousands of rockhounds for 60 years before you. So, don't be surprised if your take-home specimens are barely above leavirite quality. I know of one case recently where a find of garnets at a location very near the Denver metropolitan area was completely wiped out. Not just picked over, but according to my source it looked like someone had removed the host rock with heavy equipment. If you didn't know exactly where the location was to begin with, you still wouldn't know even sitting on top of the spot where it used to be.

Also, when prospecting at these well-known sites, throw away all the things you have learned about pegmatite prospecting out the window. Exposed pockets of topaz, or crystals of smoky quartz lying in the creeks waiting to be picked up just ain't gonna happen, folks. The fact that thousands of rockhounds were there before you means that tracing float material to its source to find a pocket is impractical and impossible. If you see quartz on the surface it was probably discarded from someone else's dig. Additionally, you should be aware that there are some greedy collectors who will "salt" a dry hole to throw less-experienced rockhounds off the trail.

According to a lot of rockhounds I have talked with, it seems that authors of some of the most recent books haven't even checked out a lot of the locations listed in their books. They got their information and maps from older books. Also, have you ever wondered why you have never seen some of the minerals which are supposedly found at a given locality?

Remember that some of the older books were written by professional mineralogists, and they use microscopes to determine the composition of rocks. So, when a particular mineral is listed as being present at a specific location, maybe you shouldn't be looking for 6-inch crystals of Smithsonian quality.

My advice to you is to blaze your own trail. Just because an area adjacent to the locality in the book doesn't look like a bombed-out war zone, doesn't necessarily mean that there aren't collectable materials at that location. You should investigate the entire area. Ask people questions who have been going there for several years. Do your own prospecting. Get detailed maps. Take good notes. Discuss your ideas with your buddies. Then, when you decide on a place to dig, don't just scratch the surface and expect to hit a gusher. Ed Over may have stumbled upon pockets of aquamarine, but you won't. It could happen, but don't bet on it. If you spend your entire day digging ten holes one foot deep, you'll just be wasting your time. Don't forget to fill them back in again. My belief is there are several pockets left, but that you just have to dig down deeper. There are still plenty of rabbits around, but they are harder to catch than those you have read about in books. □

From AFMS NEWSLETTER, 2/26, p2, Reivlan Zeleznik, Ed.

## Ries' Ramblings

by Ed Ries, President, AFMS

This is the month when the groundhog comes out, sees his shadow and goes back to sleep for six weeks. If rockhounds did this they would miss a lot of the spring rock hunts and shows. Spring is the time of year when nature brings forth her flowers and green plants that we all love to see and smell. Have you ever noticed how nature recycles her plants, trees and even the grains of sand.

Have you ever considered how you could help your hobby and fellow rockhounds by recycling? Many of us are already recycling plastics, newspapers, glass, metal cans and tires. Why not recycle some of those rocks, minerals and fossils that we have accumulated over the years? Many times when we went on a hunt we came back with more than we would ever use. Consider that some of this material is no longer available to the younger rockhounds because the sites are now closed or have been covered by housing and commercial projects.

How do you go about recycling rocks, minerals and fossils? You donate them to your club or federation for use at their auctions. Your club can use the money for many different projects such as shop equipment, an endowment fund, or an educational fund. There are many worthy projects. The purchaser of this donated material receives something they are unable to otherwise get because they may not be able to go on field trips as you were able to do. Now you have helped your club, our hobby and a fellow rockhound, and you no longer have so many rocks, minerals and fossils filling up all those boxes.

They tell me that you can't take your money with you when you leave this world and the same can be said about rocks, minerals and fossils. Now you say that you will pass them on to someone else. That is very good, but will they really want all those extras that have accumulated? Why not get some joy and satisfaction now by starting to recycle this material. You will see some of the joy in others that you once had when you found this material. Have some fun and enjoyment now that spring is almost here.

Recycle today! for tomorrow's world will be as different as the typewriter is to the computer. We must adjust and accept what we cannot change and try to change what we can. ☐☐

From THE GEODE via NEBRASKA MINERAL & GEM'S CLUB'S REAR TRUNK 5/84

## PHANTOMS

A phantom is a ghost-like inclusion which shows a former growth stage or period of development of a crystal. For example, during the growth of a quartz crystal, a period may occur when kaolinite is introduced as an impurity in the solutions of crystallization. This mixes with the quartz, leaving a pinkish coating on the outer faces of the crystal at that stage of either the termination of the crystal or a few of the major faces. Sometimes the entire crystal is coated, but this is not common. As the crystal continues to grow, the kaolinite impurities may disappear from the solutions and the crystal resumes normal clear growth, thereby encasing the kaolinite coating with clear quartz. This ghostly outline of the former crystal is a "phantom." During growth the impurities may be introduced a number of times and will produce a number of phantoms, and specimens have been found clearly showing two dozen distinct phantoms. They may appear only as a faint outline, or may be thick and strongly colored. ☐☐

\* \* \* \* \*

From Emil Vonasek, HY-GRADER via GI NUGGET 2/87 & others

## HOW TO MEASURE AN OUNCE OF GRIT

Most tumbling instructions tell you how much grit or polish to use per pound of rock and this is almost always given in ounces. This is fine, but most people do not have an ounce scale around the house, so measuring out one or more ounces presents a small problem.

The following is an easy way to arrive at ounces and is based on standard measuring spoons. Start out with a rounded spoonful and level it off with a blade of a straight-edged kitchen knife.

COURSE GRIT	1 oz. - - 4 level teaspoons
MEDIUM GRIT	1 oz. - - 4 level teaspoons
FINE GRIT	1 oz. - - 4 level teaspoons
POL. POWDER	1 oz. - - 8 level teaspoons

From Emil Vonasek, HY-GRADER, via GI Nugget 2/87 & others

From ROCKET CITY ROCKS AND GEMS via ROCK RATTLER 2/96

## A LITTLE ABOUT PETRIFICATION

Have you ever wondered how petrification occurs? How does wood turn into stone? Insofar as I can tell there are several events that occur in the process of petrification.

Aside from the fact that the trees must first grow to provide the wood, the first step in the process of petrification is burial. The wood must be deeply buried either while still standing or soon after falling in order to prevent its destruction by the activity of ants, beetles, termites, and fungi. The environment in which the wood is buried must also be anoxic (without oxygen); otherwise microorganisms would soon destroy the wood.

The matrix encapsulating the deeply buried wood must be rather firm in the sense that it not be too plastic. A thick mud would not be stable enough to maintain the shape of the wood through the vagaries of time. Instead the matrix would have to be rather like a porous concrete or consolidated sand. The porosity is important because porosity allows the introduction of water.

Once the wood is deeply buried in a consolidated, porous matrix in an anoxic environment it can only be transformed from wood to stone if quartz and water are present under the right conditions. No quartz, no water, no petrified wood.

Fortunately, quartz is a common and abundant mineral, and even the deserts have their days in the rain. And as the fallen rain passes down through the ground, it picks up and carries a little quartz dissolved in its waters. This solution then permeates the buried wood. Now the miracle happens. A little wood dissolved into the water and a little quartz is deposited in its place; and the water moves on its way

carrying away a little carbon, leaving behind a little quartz.

The slow process of removing organic material while depositing quartz may take thousands of years to reach completion. In fact, petrification may not reach completion before the favorable conditions end.

If you have collected petrified wood in the field you will know first hand that not all specimens are the same. The most sought-after petrified wood are specimens in which the process went to completion leaving behind highly agatized or opalized wood. These specimens can be sawed and the sawed ends given a mirror polish to reveal the beauty of the specimen. Specimens too small for sawing are tumbled to mirror finishes which are highly attractive.

Wood that was not agatized or opalized may be shunned by collectors that fail to see the rugged beauty of the uncut, unpolished specimens. Other collectors favor these exquisite specimens as fossils of a bygone age and as natural works of art wrought by nature and now the hand of man.

Believe it or not, some portions of a specimen may be preserved as the original wood while other portions of the same specimen are lignified or petrified to various degrees. While the rockhound may not appreciate these specimens, scientists may rejoice over the intact wood for it may reveal through their methods the ancestry and biology of the tree which otherwise they could never behold.

*Michael J. Papay,  
Rockhound Roundup,  
November 1994*    □



# CDGMS Memb.--Pd.-1996

<u>Last</u>	<u>First</u>	<u>Address</u>				<u>Teleph.</u>	<u>Yr</u>
Atwood	John/Karen	1026 N 10th St	Bismarck	ND	58501	222-0389	96
Barnhart	Clifford/Delores	811 S Lincoln Av	Sidney	MT	59270	406-482-2270	96
Bechtold	Margery M	618 4th Ave NW	Minot	ND	58703	701-839-4169	96
Bell (L)	Dr Gordon L	515 N 22nd St	Bismarck	ND	58501	223-5146	96
Berg	Melvin/Agnes	P.O.Box 736	Underwood	ND	58576	442-5620	96
Biek	Robert F	900 N Mandan St	Bismarck	ND	58501	258-8634	96
Bosley	Walter	Box 255	Rugby	ND	58368	701-776-6554	96
Bovkoon	Mathew	Box 39	Benedict	ND	58716		96
Brady	Harold/Emma	1401 Sunny Road	Mandan	ND	58554	663-3903	96
Buresh	Bill/Genevieve	44 Capt Marsh Dr	Mandan	ND	58554	663-5397	96
Burnett	Neill C/Alice	1002 Arthur Dr	Bismarck	ND	58501-2443	223-6758	96
Campbell	Alvin/Elsie		Elgin	ND	58533		96
Campbell	Earle	1134 N 28th St	Bismarck	ND	58501	255-3658	96
Collins	William E	9525 Mission Gorge Rd #33	Santee	CA	92071	619-258-7921	96
Eng (J)	Kristi	501 Augsburg Av	Bismarck	ND	58504		96
Fairaizl (L)	Mae	Box 551	Mandan	ND	58554		96
Fischer (L)	Pius	1021 N 26th St	Bismarck	ND	58501		96
Giese	Ted/Verna	4670 Co. Rd. 84	New Salem	ND	58563-9160	842-7005	96
Hickle	Rodney/Carol	HC2 Box 191	Center	ND	58530	701-794-3342	96
Higgins	Kent	311 East Thayer #372	Bismarck	ND	58501		96
Hilgemann	Mrs. Wilma	Box 216	Leola	SD	57456	605-439-3341	96
Hoerner	Richard	R. Valley Farms, Box 48	Almont	ND	58520	701-348-3457	96
Jeffcoat-Sacco	Illona/Paul	P.O. Box 2278	Bismarck	ND	58502		96
Johnson	Harland/Roxanne	Rt 1 Box 58	Reeder	ND	58649		96
Larson	Gene L	1044 - 16th St N	Fargo	ND	58102		96
Leivestad	Darlene	2519 Grant Dr	Bismarck	ND	58501	255-4675	96
Manske	Lee	600 4th Ave E.	Dickinson	ND	58601		96
Mausehund	Edna	RR2 Box 30	Linton	ND	58552-9636	701-782-4291	96
Mautz	Norman/Betty	RR 1 Box 368	Garrison	ND	58540	701-337-5775	96
McEnroe	Tom	1311 N Territory Dr	Bismarck	ND	58501		96
Michaels	Glenn W	2197 Old Agnes Rd	Weatherford	TX	76096	817-599-3237	96
Miller	John/Ellen	Box 316	Douglas	WY	82633	307-358-3783	96
Muggli	Katherine	4501 W Powell #27	Gresham	OR	97030-5073	503-661-1920	96
Muggli	Clara	Box 27 (701 Oak Av E)	Glen Ullin	ND	58631	701-348-3897	96

## CDGMS Memb.--Pd.-1996

<u>Last</u>	<u>First</u>	<u>Address</u>	<u>Teleph.</u>	<u>Yr</u>
Nelson (L)	Nettie	Box 212	Washburn ND 58577	96
Nevland	Jim	419 W Broadway	Bismarck ND 58501	96
Nevland	Zach	606 N 12th St	Bismarck ND 58501	96
Newstrom	Stephen	1401 -3rd Av NE	Mandan ND 58554	663-0556 96
Oliger	Ray	516 N 20th St	Bismarck ND 58501	223-4986 96
Oliger	Russ	13700 22d Av SE	Menoken ND 58558	255-6440 96
Ramberg (L)	IdaMae	1325 N 15th St	Bismarck ND 58501	223-6296 96
Rambough	ElmaG	641 -11th St NW	Valley City ND 58072	701-845-3399 96
Randall	Robert N/Sue	928 N 16th St	Bismarck ND 58501	223-1625 96
Rau	Edith M	2105 N Kavaney Dr	Bismarck ND 58501	223-8612 96
Rhonemus	Doug/Jan	19935 -159th St	Elk River MN 55330	612-263-8297 96
Riley	Daniel J	P.O. Box 101	Hamel MN 55340	96
Robey	Duane/Ledores	2119 East Av F	Bismarck ND 58501	255-0576 96
Robinson	Kate	118 Maryland	Bismarck ND 58504	258-5374 96
Schneck	Toni L	112 -6th Av NE	Mandan ND 58554	663-6984 96
Schwindt	Mike/Sharon	9201 Baine Dr	Bismarck ND 58501-6515	258-6618 96
Siegel	Duane	100 3d St SW C-65	Mandan ND 58554	663-0662 96
Simonson	Michael/Susan	607 N 11th St	Bismarck ND 58501-4149	222-2997 96
Strand	Larry/Janice	2720 Garnet Dr	Bismarck ND 58501	258-5128 96
Swanick	James/Orma	307 -14th Av NW	Mandan ND 58554	663-9778 96
Wanner	Tim G/Gloria	805 -13th Av NW	Mandan ND 58554	96
Warnke	Lester	Gen Delivery	Scranton ND 58653	96
Weisenburger	Walter	1620-1/2 Porter Av	Bismarck ND 58501	255-4965 96
White	Marlene	604 SW 10th Av	Mandan ND 58554	663-8727 96