



PICK & SHOVEL

November 2016, Volume 59, Issue 3

Editor: Sharon Marburger

The purpose of this corporation shall be to study, promote an interest in, and disseminate knowledge of lapidary and various Earth Sciences including but not necessarily limited to Geology, Paleontology and Mineralogy. It shall be a particular purpose of the corporation to provide education in these fields to its members and the general public, especially to youth and student groups.

BOARD OF DIRECTORS

President

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JBeer60070@aol.com

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Board Member

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Board Member

Andrew Tiedje, 402.219.2323
silverjinnstudios@gmail.com

Board Member

Sharon Marburger, 402.429.3323
lgmc.editor@outlook.com



2016 MEETINGS AND ACTIVITIES

Regular monthly meetings are held at 7:00 p.m. at the Bethany Park Shelter House. Youth activities begin at 6:00 p.m. Board Meetings begin at 6:30 p.m.

Thursday, Nov. 17 (Annual Business Meeting)

Sunday, Dec. 4 (Christmas Party & Awards)

Board

Wednesday, November 30, 2016
Lyman Residence

Activities

Christmas Party & Awards Banquet
Sunday, December 4, 2016

NOVEMBER BIRTHDAYS

Ian Williams



Patricia Gritit

Fred McVay



Gene Mulinex

Judy McVay



No Fooling!!

NEBRASKA ROCKS!

LGMC's Annual Show is scheduled for
April 1 and 2, 2017

at the Lancaster Event Center in Lincoln, Nebraska!

Mark your calendars!

Contact Show Chairman,
Jayne Beer, for information.

jbeer60070@aol.com

PRESIDENT'S MESSAGE

by Ed Dvorak

I hope everyone had a nice Halloween. It was nice weather for everything outside. Now you have the never ending job of collecting leaves!

Beware when you go out rock collecting. Hunting season is now open for many animals. It would be best to stay home or wear blaze orange for your protection! Make sure you are seen as a person and not as an animal!

I would like to see all of you at the November General Meeting. This is the annual business meeting of our corporation, as required by the Nebraska Secretary of State. It is at this meeting we select the next Board of Directors. Make your voice heard in how our club is managed. It seems to be difficult to find members who would like to be on the Board. The club is only as great as the weakest link. This is your club! Step up and take an active roll in the decision-making process!

Make sure you read the latest Pick & Shovel to keep up with current events or, even better, write an article. Let's keep our newsletter GREAT!!

Be safe and stay happy.



MINERAL MONKEYS

By Carolyn Ashmore

I want to start by saying I hope you all had a very safe and happy Halloween. There were lots of superheroes and witches out that night, and a few ghosts and goblins. They all looked like they were having a good time.

This Month we will be doing the unit on collecting, labeling, and storage. For those of you that haven't done this unit, or would like to do it again, you're all welcome to bring your collections and share with the group. We will talk about egg cartons and other ways you can store your rocks and minerals. All of you know about how important it is to label what you find as well, that way you can always go back and see what you collected and where it was collected.

DON'T FORGET - THE LGMC CHRISTMAS PARTY AND AWARDS CEREMONY IS SUNDAY, DECEMBER 4TH, BEGINNING AT 5:00 P.M.



November Rock Party

**Sunday, November 20, 2016
at 5:00 p.m.**

at The Jewelry Connection

13th and Arapahoe (downstairs)

Judith and Jayne say to bring your **soup** and other **comfort foods**.

(If it is cold outside, wear your warm clothing to ensure you remain comfortable, especially while working with water!)

Don't forget your projects!



SLATE OF BOARD OF DIRECTORS

The annual business meeting for LGMC is November 17, 2016. Come to the meeting with nominations in hand. It would be wonderful to have an election with choices. Make sure to ask the person you would like to nominate if they are willing to run for the position. Also, if you have the desire to be on the Board of Directors, nominate yourself or ask a friend to nominate you! Below is who has willingly agreed to run for an office:

President - Jayne Beer

1st Vice President - Charles Wooldridge

2nd Vice President - Sharon Marburger

Treasurer - Vera Lyman

Secretary - James Marburger

Board Members:

Carolyn Ashmore

Ed Ridge

Ed Dvorak

Open and available!

LGMC
Christmas Party,
Potluck Supper,
and
Awards Ceremony

Sunday, December 4, 2016

5:00 Youth Group Activities & Adult Social

**6:00 Potluck Supper (club provides fried chicken
and beverages)**

7:00 Short Meeting and Awards Ceremony

!! Rock Bingo !!

**Bring an inexpensive gender neutral gift for exchange (\$10 max)
Bingo donations welcomed**

J J & L Rocks & Minerals

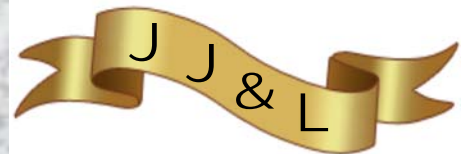
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jjlrocksmin - Ebay Username



Proudly serving
the hobby for
40 years

BOARD MEETING MINUTES

By James Marburger, Secretary

October Board Meeting, October 3, 2016

Meeting called to order at 6:30 p.m. by President Ed Dvorak at the Lyman Residence.

Ed Dvorak	Present
Jayne Beer	Present
Jim Marburger	Present
Sharon Marburger	Present
Vera Lyman	Present
Carolyn Ashmore	Present
Ed Ridge	Present
Andrew Tiedje	Present
Charles Wooldridge	Present

Pat Dvorak guest.

Minutes of last meeting given out. Motion to accept by Charles, second by Carolyn. Passed: 9 yea, 0 No.

Treasurer Report given out. Motion to accept by Sharon, second by Carolyn. Passed: 9 yea, 0 No.

OLD BUSINESS:

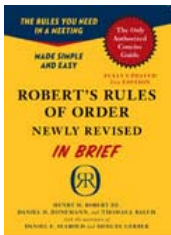
- Payment for the equipment for the Lapidary Class and the rent for the trailer parking will be paid as soon as monies are available.

NEW BUSINESS:

- Calendars for 2017 were given out and the dates for the meetings were set so arrangements could be made for Bethany Park Shelter House and locations for the board meetings.
- "Fall Adventure Day" at Pioneer Park will be October 7 from 4 to 8 p.m. A gem dig and information about the club will be provided. Jayne and Carolyn will have the materials and will direct the group.
- Road Side Clean-up is scheduled for this weekend.
- The 2017 show report included that the dealer contracts have been sent out and a few have been returned.
- Andrew Tiedje has volunteered to be program chair for the general meetings.

- Motion to adjourn by Jayne, second by Carolyn. Passed: 9 yea, 0 no.

Meeting adjourned at 7:00 p.m.



GENERAL MEETING MINUTES

By James Marburger, Secretary

October General Meeting, October 20, 2016

Bethany Park Shelter House

Meeting called to order by President Ed Dvorak at 7:00 p.m.

Adult Members: 26; Guests: 0; Junior Members: 5

Pledge of Allegiance.

Minutes of last meeting (May) were published in the Pick & Shovel. Motion to accept the minutes by Sharon Marburger, second by Karen Messenger. Passed.

Treasurer's Report was read by Ed Dvorak for Vera. Motion to accept the report by Gene Mulinex, second by Carolyn Ashmore. Passed.

OLD BUSINESS:

Thank you from James Marburger for everyone's help with the roadside clean-up and Rock Party after. It went great and the food was good.

It was suggested that a link for the Lapidary Class be added to the club's web page, with a notice of when the class is starting.

NEW BUSINESS:

Sharon Marburger wished the October birthday people a happy birthday.

Show report that 10 dealers, 5 selling demos, and 2 nonselling demos have returned their contracts.

The Slate of Officers was read. Nominations will be accepted at the November meeting, prior to voting.

President - Jayne Beer

1st Vice President - Charles Wooldridge

2nd Vice President - Sharon Marburger

Treasurer - Vera Lyman

Secretary - James Marburger

Board Members:

Carolyn Ashmore

Ed Ridge

Ed Dvorak

Vacancy

Grab bags were donated by the Marburgers. They were distributed as Halloween costume prizes, birthday prizes, then anyone else who wanted one.

Motion to adjourn by Karen Messenger, second by Charles Messenger. Passed.

Meeting adjourned to refreshments and program on German Agates.

CENTRAL OREGON ROCKHOUNDING

By Ed Dvorak

I had the pleasure of rock collecting in Oregon this last July. I thought I had everything covered as to where to go and what to collect. I went to Madras, Oregon to see my cousin. The town of Prineville, Oregon, in Crook County, was a short drive to the southeast. I stopped at a ranger station to see if they had any information on rock collecting. They had a few handouts and answered all my questions. Now I was overloaded as to where to go and what to collect. I had all kind of options, but my time was limited. Where to go?

When the earth was created, this area was blessed with the widest variety of rock types found almost anywhere on the continent. Crook County is rightfully known as the Rockhound Capital of the World. The six major categories of material available include Agate, Jasper, Limb Casts, Obsidian, Petrified Wood, and Thunder Eggs. Less common rocks and minerals found in central Oregon include opal, amethyst, gem quality calcite, cinnabar, selenite (gypsum), and amygdaloid nodules.



I eliminated Glass Butte! It was the best place to have all four of your tires go flat!! (I found out later they had some sort of meet there for four wheel riders. A lot of flat tires.)

I chose to look for moss agate in the Maury Mountains. The Forest Service maintained the road to the agate beds and there were many signs to keep you on track. I arrived early in the morning at the beds. There were plenty of big pot holes indicating where to dig. I collected for about an hour and came up with a few "pretty rocks," then took a break.

North of my location I could see a big rain storm moving my way. I figured with the wind out of the east, the storm would miss me. Then a big BOOM!!!



Behind me was another storm! This one was going to hit where I was. Sitting in the car on top of the mountain in a downpour and watching the lighting strike all around me was not the smartest thing to do, but I was otherwise going to drive down a winding road without seeing where I was going!

As fast as the storms came up, they left, and so did I. When I made it back to the highway, there were a lot of state trucks and flashing lights. The storm I watched to the north of me created mud slides on my path back to Madras. The rain coming out of the mountains washed mud across the road in many places, to a depth of about 3 feet. All I could do was wait at each location to have the road cleared.

After getting out of the slide area, I figured I was safe. WRONG!! As I came to the town of Prineville, the ground was white. I could not tell if it was snow or fine sleet. Snow plows clearing roads in July!

After all the delays, I was done collecting. If anyone wants to go rockhounding anywhere near me or with me, be forewarned. IT WILL BE AN ADVENTURE!!

Always remember to take time to smell the flowers.



Photos by Ed Dvorak

Silversmithing classes

Tuesday Evenings
7:00 p.m. - 10:00 p.m.

The Jewelry Connection Ltd.
Indian Village Shopping Ctr.
13th & Arapahoe, Lincoln

Tuition: \$120 plus \$30 supply deposit

Session 5: Oct 4 - Nov 22, 2016

Session 1: Jan 4 - Feb 21, 2017

Session 2: Feb 28 - Apr 18, 2017

Session 3: Apr 25 - Jun 13, 2017

Session 4: Aug 8 - Sep 26, 2017

Session 5: Oct 3 - Nov 28, 2017

Contact:

Jayne Beer 402-890-3307

Judith Bay 402-423-7058

or e-mail

jbeer60070@aol.com

LAPIDARY CLASS

by Sharon Marburger

At the last General Meeting, one of our members asked if a blurb could be put in the Pick & Shovel and on the website regarding the Lapidary Class; when is the next class, enrollment information, and anything else of relevance.

I contacted the class instructor, Rowdy Cropp, and asked if he could provide the necessary information. His cordial response was that he doesn't have the information until Southeast Community College ("SCC") sends out the course catalog. He believes that it is mailed to almost everyone in the area. I checked out SCC's website (southeast.edu) to try to garner information. I was unable to locate information that could be passed on to our members.

The best way to obtain information on classes is to wait for the catalog to come out, contact SCC directly, or see if you have better luck than I did when accessing SCC's website. Not to have everyone bombard Rowdy with questions, the last option would be to contact him. You can find his contact information in your Who's Who.

Should any of our members find a source of information, let me know and I can post it in the newsletter and on the club's website.

FOUNDER'S ANECDOTE

EYES FULL OF TEARS AND A LUMP IN MY THROAT

I know this seems like a funny title for a story, but it's the truth. This was what happened to me.

I was taking a silversmith class down at Lincoln High through the Parks and Recreation. The instructor of the class was a very pretty young lady. In fact, I used to go down and help her bring in her supplies. If I remember right, it was a six-week class and I took it twice. On the second go-round, as I was helping her, I told her, "You know, when I was in the first grade a school, I fell in love with my teacher. And I think it's happened again." She kind of laughed, but guess what? From then on, her husband came and helped her bring in the things she needed.

But that's not the reason for the title of this story. In the 12-week period that I took the class, I made over 100 rings, a couple of necklaces, and a couple of bracelets. But one piece I was working on I had to make about three solder joints. If any of you reading this have done silver smithing, you will know what I mean. It is very critical when applying the heat that you do not get the thing you're working on too hot, or oops—it's gone. A big lump of silver. I was being very careful since it had happened to me before.

And in the time it takes to type a line, it was a lump. Now, I had worked on this piece for some time and was within maybe ten minutes of having it done. As I looked at the pile of silver, I got a tear in my eye and a big lump in my throat.

Moral of the story: don't fall in love with your teacher, and don't get the silver too hot.

A LITTLE HISTORY

- ◆ Lapidary classes started at City Parks & Recreation in 1959
- ◆ Instructor—Maurice Tracy, 1959—1966
- ◆ Instructor—John Lewis, 1966—1974, won first place for lapidary at the 1968 Show
- ◆ Can find nothing about class between 1975 & 1978
- ◆ Instructor—Grant Quinn, 1979—1994
- ◆ Southeast Community college took over approximately 1999
- ◆ Instructor—Roger Pabian, 1995—2010
- ◆ Instructor—Rowdy Cropp, 2011—present.

ROADSIDE CLEAN-UP AND OCTOBER ROCK PARTY

By Jim Marburger

The roadside clean-up takes a lot of preparation to make it come off without any hitches. Three to 4 days before a clean-up, the signs, vests, garbage bags, and paperwork from the Department of Roads need to be picked up and completed. For this last clean-up, I also needed to clean out my car so the items could be carried to the clean-up site. I had already done the cooking (which involved 8 hours of smoking the pork for sandwiches) for the Rock Party to be held after the clean-up.

At about noon on October 8, while scampering around the driveway cleaning the car, all of a sudden the world began to spin. I had stepped on a large rock in the driveway gravel. Yup, with the notion that a sudden stop was coming, I tried to tuck and roll.

As I laid stretched out full length under the kitchen window, I called to Sharon, saying that I was on the ground. After trying to get up, I decided that the big red fire truck would be needed for a lift assist. After the call went out, our neighbor, who is a fireman, sauntered over and asked what I was doing on the ground. Oh, just hangin' out! He and Sharon helped me stand up. I had a bump on the head, cut on the arm, and very sore knees, but was not in need of the medics (other than a quick patch-up by Sharon). As the fire truck left, so did Sharon, to meet up with clean-up gang waiting at the rest area for their assignments and gear.

I would like to thank all the adult members and Mineral Monkeys that worked the clean-up, Andrew Tiedje for sitting with me until everyone showed up for the food, and Sharon for jumping into action to do my work and for being a good nurse. It was wonderful to have so many show up this time. There were 19 people who worked this time, I think. I'm not really clear-headed about this.

The crew filled about 20 bags of trash in approximately an hour and a half of work. It goes fast when we have such a great turnout to do the work. Everyone had a great time and enjoyed friendship and good food afterwards.

Sharon set up two Genies for lapidary projects and they got a good workout. Many projects were completed and tips on polishing and cutting were shared.

With the sun setting, the cool night was upon us and the party shut down.

I returned the signs, vests, and leftover garbage bags to the Department of Roads the following week.

After many bandages and 2 weeks to heal, I am almost well and the bruises are gone. My hat, however, still has grass stains!

Please plan to join us for the spring clean-up and Rock Party, the dates to be announced later. Let us have some fun again.



A beautiful piece of Teepee Canyon Jasper, worked by Mineral Monkey, Logan. Nice job, Logan!



The "Nickies" making use of the inside Genie. Glad you were able to join us!



Andrew took the front porch Genie for a spin and ended up with some mighty fine cabochons.

**Have an idea for a field trip?
Let Jim Marburger know!**

FORMATION OF EDEN VALLEY, WYOMING FOSSILIZED WOOD

By Don E. Neese

As printed in the Pick & Shovel, March 1980, reprinted from Chips & Tips [This article was apparently part of a show exhibit]

Eden Valley fossilized wood was discovered in 1934 by Dr. Oliver Perry on the Hay Ranch, which is located in southwestern Wyoming, and is known as the Green River Formation.

According to Dr. Paul O. McGrew, Museum Director, University of Wyoming, and Geology Departments of the Universities of New Mexico and Iowa, the Eden Valley Forest was killed where it stood during the Eocene Period Epoch, some 55 million years ago. The geologists confirm that the young forest flourished in a valley boxed in by the Rocky Mountains, which hemmed in the rivers. There was sudden and great volcanic activity and, consequently, deep deposits of ash buried the still standing trees of sapling forest without being leveled by direct lava flow.

As the volcanic ash began building up the valley, the water that once flowed in the river, flowed out through the depression until the valley had been drained. The volcanic ash washed away, leaving the trunks of the still standing trees exposed, but encased in a cement-like matrix. The seepage of water down through the volcanic ash hardened around the wood to produce casts that preserved the original shapes of the forests. This happened not once, but many times as the trees stood for millions of years through all these vicissitudes. Minerals gradually replaced the wood fibers, bark, charred cores, etc. Some pseudomorphic agatization occurred, but other structures show wood opal structure peripheral to the agatized core. Examples of central opalization have been found. Some clear chalcedony has been noted. These mineral have been identified by hardness, infra red, and fluorescent tests in several geology laboratories.



Photos by Sharon Marburger

As violent earthquakes disrupted the land, tree trunks fell and were broken. With all this volcanic action, parts of the individual trees remained in proper relation to other parts, trunks near stumps, branches near trunks, twigs near branches, so the story can be read in sequence like the well ordered pages of a bound book. This, then, is essentially what makes Eden Valley carbonized, agatized, and slightly opalized wood very unique.

For the geologist and for the rock hound, there are many peripheral points of interest about Eden Valley wood. You can still see in some specimens in this exhibit, bark, knots, burls, and the symbiotic relationships of algae and lichens, the work of borers, beetles, and even dust from these workings so real you want to brush it away ... this is impossible. Even the dust has turned to stone!

The formations and colors of Eden Valley wood are different from those of Arizona specimens, as they are more subdued, ranging from ebony blacks to smoky, pale blues, brown to beige, and translucent whites. In general, Eden Valley wood produces higher gloss and reflections than Arizona specimens.

Conclusion: With these observations and comments, you will be able to interpret the exhibit and the metamorphosis of the young Eden Valley Forest to its present, unique character.





LINCOLN GEM & MINERAL CLUB'S
38th Annual Rock Swap

Saturday, **JANUARY 28, 2017**; 1:00 p.m. to 5:00 p.m.

**Family
 Friendly**

**Free
 Admission**

**Silent
 Auction**

**Buy
 Sell
 Trade**



**Rocks
 &
 Minerals**

Fossils

Jewelry

**Lapidary
 Supplies
 &
 Equipment**

Bethany Park Enclosed Shelter

64th and Vine Streets

Swapper Tables: ½ Table - \$10; Full Table - \$20 - Set up at 12:00 Noon.
 Swappers are responsible for collecting Nebraska State Sales Tax and remitting it to the State.

**Cash Sales must be completed using SWAPPER DOLLARS.
 SWAPPER DOLLARS are available from the Club Treasurer at
 a 10% surcharge, payable by the buyer.**

LINCOLN GEM & MINERAL CLUB
 Box 5342
 Lincoln, NE 68505-0342
 Contact: Jayne Beer, 402.890.3307

OFFICIAL 2017 SHOW FLYER

**59th Annual
Gem & Mineral Show**

**The Lincoln
Gem & Mineral Club
Proudly Presents**

Nebraska Rocks!

<http://www.lincolngemmineralclub.org>

April 1 & 2, 2017

Lancaster Event Center

Lincoln Room

84th & Havelock

Lincoln, Nebraska

Saturday, 9 a.m. to 6 p.m.

Sunday, 10 a.m. to 5 p.m.

Admission:

\$6 per adult

\$11 2-day pass

**Children 11 and under
free with paid adult**

Youth Booth

Dealers

Exhibits

Demonstrators

Nebraska Gem Dig

Fluorescent Display

**\$1 off paid admission
with a can donation to
the Food Bank!**



FUN FOR THE WHOLE FAMILY

STANDING COMMITTEES

Audit	Ed Dvorak, Jayne Beer James Marburger
Christmas Party	Edward Ridge
Education / Librarian	Charles Wooldridge
Facebook	Andrew Tiedje
Field Trips	James Marburger
Geology Day Coordinator	Charles Wooldridge
Grinding Party Coordinator	Charles Wooldridge
Historian	Sharon Marburger
Legislative Liaison	Susy McMahan
Membership Record	Edward Ridge
MWF Liaison	Vera Lyman
Programs	
Property	James Marburger
Recognition / Awards	Charles Wooldridge, James Marburger
Refreshments / Door Prizes	Vera Lyman
Roadside Clean-up	James Marburger
Scholarship	Vera Lyman
Show—2017	Jayne Beer
Swap—2017	Jayne Beer
Website	Jim & Sharon Marburger
Youth Activities	Carolyn Ashmore, Linda Guenter

LONG RANGE PLANNING & BY-LAWS COMMITTEE

Jim Marburger, Chairman

1 year:	Edward Ridge Rowdy Cropp
2 years:	Charles Wooldridge Sharon Marburger
3 years:	Vera Lyman Ed Dvorak

NOMINATING COMMITTEE

Jim Marburger, Chairman

1 year:	Vera Lyman Edward Ridge
2 years:	Robert Gritmit Sharon Marburger
3 years:	Jim Atkins Andrew Tiedje

ADVERTISING, SUBSCRIPTION, AND MEMBERSHIP INFORMATION

Advertising by rock / hobby business or interest is permitted with the approval of the Board of Directors. Contact the Editor with your proposed ad. The rate is set at \$20.00 per full page; \$10.00 per 1/2 page; \$5.00 per 1/4 page (minimum) per issue, paid in advance to the Club treasurer. Ads will be placed throughout the newsletter as space permits.

Subscription to the Pick & Shovel is \$15.00 per year for mailed copy.

Membership dues for the Lincoln Gem & Mineral Club are as follows:

- Adults (age 16 and over) - \$15 per year or \$25 per couple (within the same household)
- Juniors - \$2 per year (with a responsible adult)

All new memberships must be accompanied by a written application. Prospective members must gain Board approval and attend one regular meeting before being approved for membership.

2017 SHOW COMMITTEE

Chairman:	Jayne Beer
Dealers:	Vera Lyman
Demonstrators:	Vera Lyman
Displays:	Jayne Beer, Ed Ridge
Event Center Liaison	Vera Lyman
Finance & Ticket Sales:	Jim Atkins, Vera Lyman
Floor Chairman:	Ed Dvorak/Jayne Beer
Fluorescent Booth:	Bob Gritmit
Forms	Sharon Marburger
LGMC Club Booth:	Charles Wooldridge
Nebraska Gem Dig:	Charles Wooldridge
Plants:	Ed Ridge
Printed Program:	Sharon Marburger
Publicity & Promotion:	Jim Marburger
Ribbons & Recognitions:	Sharon Marburger
Security:	Vera Lyman
Show Flyer	Jayne Beer, Sharon Marburger
Silent Auction:	Sharon Marburger
Special Features:	
Web Master:	Jim & Sharon Marburger
Youth Activities:	Carolyn Ashmore

Mail Exchange Newsletters to:

Lincoln Gem & Mineral Club, Inc.
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Lincoln, NE 68505-0342

Or e-mail newsletters to:
lgmc.editor@outlook.com



A color version of the Pick & Shovel is available at:
<http://www.lincolngemmineralclub.org/index.php/newsletters/current>

PICK & SHOVEL

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REPORTERS: All members are encouraged to submit features, articles, poetry, or drawings.

LGMC is a member of:



This Editor is a member of
Special Congress
Representing Involved
Bulletin Editors

