The MAR Breakdown is the journal of the Mid Appalachian Region of the National Speleological Society. It is published three times a year; prior to the annual business meeting and prior to the Spring and Fall field meets.

Subscriptions-
A complimentary copy is sent to each grotto in the MAR. For individuals it works this way: When you attend a field meet $3 of your registration fee goes directly to the MAR to pay for three issues of this newsletter and other MAR projects. You may also subscribe by sending $3 to the treasurer. The number of issues you have remaining immediately follows your name on the mailing label.

Meetings and Meets-
The annual business meeting is held the last Saturday in February. Each spring and fall there is a field meet. Watch for dates.

Chair: Paul Winter
State College, PA 16803
(412) 849-6824
paw5051@psu.edu

Vice Chair: Gary Dunmire
657 Valley View Road
Belleville, PA 16823
(814) 357-1134
mudlube@yahoo.com

Secretary: Hope Brooks
University Park, PA 16802
(443) 510-0312
hzb5048@psu.edu

Treasurer: Bette White
4538 Miller Road
Petersburg, PA 16669
(814) 667-2709
wbw2@psu.edu

Editor: Gretchen Schock
81 Appalachian Drive
Carlisle, PA 17015-8515
(717) 697-3264
redcaver@verizon.net

2012 MAR FALL FIELD MEET

September 28-30, 2012
Crystal Cave
Kutztown, PA

Hosted by
Greater Allentown Grotto

MAR OFFICER ELECTION
AT THE FALL MEET
Anyone wanting to run for office should contact a current officer to have his or her name put on the ballot.

Inside

| PCC MINUTES                        | 2 |
| FALL MAR INFORMATION AND REGISTRATION | 4 |
| MAR Bulletins for Sale             | BACK |

Non-copyrighted material may be used by other speleo publications provided credit is given to the MAR Breakdown.
The meeting was called to order at 10:04 am by President Pat Minnick at the Rupert Cave Preserve, Mcveytown, PA on Sunday, June 10, 2012.

The following officers were present.  President P. Minnick  Vice President C. Catherman  Secretary G. Schock  Treasurer G. Dunmire

Representation was as follows:

<table>
<thead>
<tr>
<th>Grotto Name</th>
<th>Proxy/Contact</th>
<th>Other Grotto Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bald Eagle Grotto</td>
<td></td>
<td>Greater Allentown Grotto</td>
</tr>
<tr>
<td>Baltimore Grotto</td>
<td>Dean Snyder (proxy)</td>
<td>Nittany Grotto</td>
</tr>
<tr>
<td>Bucks County Grotto</td>
<td></td>
<td>Philadelphia Grotto</td>
</tr>
<tr>
<td>Central New Jersey Grotto</td>
<td></td>
<td>Amos Mincin</td>
</tr>
<tr>
<td>Commander Cody Caving Club</td>
<td></td>
<td>Seven Valleys Grotto</td>
</tr>
<tr>
<td>Franklin County Grotto</td>
<td></td>
<td>York Grotto</td>
</tr>
<tr>
<td>Pat Minnick</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

There were not enough grottos represented for a quorum. An unofficial meeting did take place. The following was discussed:

**Secretary Report:** The minutes from the February 2012 meeting were read and reviewed as published in the April 2012 Breakdown.

**Treasurer Report:** Gary Dunmire reported the three CD’s purchased with PCC funds currently have an approximate value of $1,077 each. The $12 PCC web page fee was paid.

**Web Page:** No report. No known changes.

**PCC Breakfast:** There are plans to have a PCC breakfast at the upcoming Fall MAR. There are several rolls of tickets in the existing PCC supplies that can be used for breakfast sales. The tickets will be provided to Dean Snyder so they can be sold during the Fall MAR registration. Pat Minnick agreed to organize the PCC Breakfast. In the event Pat will be unable to attend, Dean will coordinate with Pat to have the supplies dropped off early.

**PCC Brochure:** Anyone interested in obtaining brochures should contact George Bange.

**Mail:** Dean Snyder reported that three CD notifications were received and provided to the PCC treasurer. No other correspondents were received. Greater Allentown Grotto provided funds to pay the cost of the post office box this year. A request for PCC to cover the following year’s cost may be presented at a later time.

**Christmas Cards:** Karen Bange continues to manage the yearly distribution of Christmas cards to cave landowners. Contact Karen if you have a landowner you want added to the Christmas card list.

**T-shirts:** Gary Dunmire continues to have PCC 25th anniversary T-shirts available at $15 each (approximately $17.65 with shipping). Dean Snyder also has older PCC shirts available for sale at $5 each.

**PA Cave Database:** Keith Wheeland reported that he received updated Franklin County information that will be provided to Tony Canike. Tony continues to act as the Database Steward and coordinates cave information with the various County Stewards within the commonwealth of Pennsylvania.

Anyone interested in being a County Steward should contact Tony Canike, the Database Steward. The current list to date is as follows:

- Berks County - Mike Mostardi
- Blair County - Derek Flaig
- Centre County - Paul Winter
- Clinton County - JD Lewis
Cumberland County  Ken Jones, Pat Minnick, & Don Arrowood
Franklin County  Ken Jones, Pat Minnick, & Don Arrowood
Fulton County  Ken Jones, Pat Minnick, & Don Arrowood
Huntingdon County  Garrett Czmor
Lebanon County  Brett Johnson
Lehigh County  Mike Spencer
Lycoming County  JD Lewis
Mifflin County  Todd Hancock
Northampton County  Mike Spencer
York County  Brett Johnson

OLD BUSINESS:

Project List:

Dragon Cave (Berks County, PA) – Dean Synder stated he has received reports the cave owner is both friendly and unfriendly. Dean expressed an interest in obtaining access to the cave for the upcoming Fall MAR.

Red Church Cave (Schuylkill County, PA) – Dean Synder indicated that there have been discussions regarding constructing a retaining wall to prevent dirt from sliding down and covering the entrance. Currently, the entrance must be dug open each time a trip is planned. Dean stated he has plans of constructing the wall this summer then approaching the PCC for reimbursement of the material costs.

Merkle Cave (Berks County, PA) – Dean Snyder continues to have access for work at the cave but has not visited recently.

Cleversburg Cave (Cumberland County, PA) – The scientific study is ongoing and the water levels are being actively monitored. A geology trip is planned for the 2013 NSS convention.

Schofer Cave (Berks County, PA) – Dean Snyder stated there were no known trips recently.

Durham Cave (Bucks County, PA) – Dean Snyder reported that the cave is open and available for trips.

Corker Hill and Frustration Pit (Franklin County, PA) – Pat Minnick reported the current landowner is using the property for agriculture. No formal agreement has been established with the landowner at this time. It is requested that all cave trips be arranged through Franklin County Grotto via their website.

Tippery Cave (Huntingdon County) – No update was given.

Peiper Cave (Cumberland County) – No update was given.

Dreibilbis Cave (Berks County) – Cave is open and will be available for trips at the Fall MAR.

J4 Cave (Centre County) – Gary Dunmire reported Graymont did not reject the adjustments made to the Memorandum of Understanding (MOU). Nittany Grotto plans to make arrangements for a meeting with Graymont in the near future to possibly finalize the contract. The MOU will be between Graymont and Nittany Grotto. Some of the expected costs that will result from the proposed agreement will be the initial cost of a cave gate, annual cost of insurance, and annual survey expenses. Contributions to offset these costs can be routed through the PCC.

NEW BUSINESS:

Fall MAR: The 2012 Fall MAR will be hosted by Greater Allentown Grotto at Crystal Cave in Berks County, PA on September 28-30, 2012. Primitive camping will be available on site. Event T-shirts will be available for purchase for $8 each. There will be a PCC Breakfast available for purchase on Sunday morning. Additional information about the upcoming MAR field meet can be found on the MAR website: http://www.caves.org/region/mar

Next meeting: The next meeting of the PCC will be at the Fall MAR field meet held at Crystal Cave, Berks County on Sunday September 30, 2012. Meeting time 9:30 am.

The meeting was adjourned at 10:48 am. Motion made by Paul Winter and seconded by Bryan Crowell.

Respectfully submitted,
Gretchen Schock, Recording Secretary
2012 MAR FALL FIELD MEET

September 28-30, 2012
Crystal Cave
Kutztown, PA
Hosted by
Greater Allentown Grotto

Registration Fee Includes
- Primitive Camping on Site
- Friday Night Cave Movies & Popcorn (weather permitting)
- Catered Dinner on Saturday Night
- Great Door Prizes
- Program Saturday Night by Professor Schnitzelbunk: "Crystal Cave: the Good, the Bad, the Bizarre"
- Soft Drinks included Saturday Night (BYOB)
- Bonfire Saturday Night
- Field Guidebook with Updated Information
- Guided and Self-Guided Wild Cave Trips (Bring Clean Cave Gear)
- Guided Trips Into Crystal Cave (Limited Numbers on Saturday Morning)

Absolutely No Pets: Please kindly leave pets at home as a "No Pet" rule is being enforced by the event organizers.

The Pennsylvania Cave Conservation (PCC) will be sponsoring a Pancake Breakfast on Sunday morning as a fund raiser, followed by the PCC Meeting. Please help support the PCC by purchasing a ticket for a hot breakfast upon on-site check-in!

Directions

Crystal Cave is located in the heart of Pennsylvania Dutch Country in northern Berks County, near Kutztown, PA.

From Allentown: Travel West on Interstate I-78 (US 22) to US 100 South (Exit 49). Proceed south on 100 to 222 South. Continue on 222 South (Bypass) to Virginville Exit (Crystal Cave Road). Turn right onto Crystal Cave Road and follow signs to Crystal Cave for approximately 5 miles to site.

From Harrisburg: Travel East on Interstate 78 (US 22) to Exit 35 (Lenhartsville). Proceed South on Route 143 approximately 10 miles through the towns of Lenhartsville and Virginville. In Virginville, follow signs to Crystal Cave.
Fall Mar 2012 Field Meet Registration Form

September 28, 29, 30 Crystal Cave PA

Principal Registrant

Name ____________________________________________
Address ___________________________ Daytime Phone ______
_________________________________________ Cell Phone ____________
Primary Grotto Affiliation ____________________________
Emergency Contact Name __________________ Contact Phone ______

Additional Registrants

Name ___________________________ Age __________
Relationship to Principal Registrant ____________________________
Name ___________________________ Age __________
Relationship to Principal Registrant ____________________________
Name ___________________________ Age __________
Relationship to Principal Registrant ____________________________

<table>
<thead>
<tr>
<th>Registration</th>
<th>Unit Cost</th>
<th>Quantity</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adult (before September 7, 2012)</td>
<td>$ 28</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adult (after September 7, 2012)</td>
<td>$ 31</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Child (ages 6-17) no guidebook</td>
<td>$ 20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Child (under 6) no guidebook</td>
<td>no charge</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total:</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The Greater Allentown Grotto, its members, the MAR, Crystal Cave, Inc., and private landowners take no responsibility for any injuries or losses that might be sustained during the 2012 Fall MAR Field Meet and any associated activities. Participation by the undersigned is at their own risk, and they accept responsibility for the safety of all other participants (children and adults) who are listed on this registration form under “Additional Registrants.”

Signature __________________________________________ Date __________

Please make check payable to “Greater Allentown Grotto” and send form with registration fee to:

2012 Fall MAR,
c/o Doug Soroka
1008 W, Schwenkmill Road
Perkasie, PA 18944-2104
**Mid-Appalachian Region Bulletins [including reprinted Bulletins]**

**NSS Member Price List**

Effective March 2012

<table>
<thead>
<tr>
<th>No.</th>
<th>Title</th>
<th>Price + Postage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-4</td>
<td>Bulletins Caves of Shippensburg Area #1-4 <strong>REPRINT</strong></td>
<td>7.00 + postage A</td>
</tr>
<tr>
<td>5</td>
<td>Caves of Western PA <strong>REPRINT</strong></td>
<td>8.00 + postage A</td>
</tr>
<tr>
<td>6</td>
<td>Caves of S. Cumberland Valley <strong>REPRINT</strong></td>
<td>17.00 + postage B</td>
</tr>
<tr>
<td>7</td>
<td>Caves of Fulton Co., PA <strong>REPRINT</strong></td>
<td>5.00 + postage A</td>
</tr>
<tr>
<td>8</td>
<td>Caves of Blair Co., PA <strong>REPRINT</strong></td>
<td>7.00 + postage A</td>
</tr>
<tr>
<td>9</td>
<td>Caves of Huntingdon Co., PA <strong>REPRINT</strong></td>
<td>10.00 + postage B</td>
</tr>
<tr>
<td>10</td>
<td>Caves of Snyder Co., PA</td>
<td>5.00 + postage A</td>
</tr>
<tr>
<td>11</td>
<td>Caves of Centre Co., PA</td>
<td>10.00 + postage B</td>
</tr>
<tr>
<td>12</td>
<td>Caves of Mifflin Co., PA</td>
<td>10.00 + postage B</td>
</tr>
<tr>
<td>13</td>
<td>Caves of Perry Co., PA</td>
<td>5.00 + postage A</td>
</tr>
<tr>
<td>14</td>
<td>Caves of Bucks Co., PA <strong>REPRINT</strong></td>
<td>5.00 + postage A</td>
</tr>
<tr>
<td>15</td>
<td>Caves of Lehigh Co., PA <strong>REPRINT</strong></td>
<td>6.00 + postage A</td>
</tr>
<tr>
<td>16</td>
<td>Caves of Northampton Co., PA</td>
<td>6.00 + postage A</td>
</tr>
<tr>
<td>17</td>
<td>Caves of Northumberland Co., PA</td>
<td>5.00 + postage A</td>
</tr>
<tr>
<td>18</td>
<td>Caves of Berks Co., PA</td>
<td>10.00 + postage B</td>
</tr>
<tr>
<td>19</td>
<td>Caves of Bedford Co., PA</td>
<td>7.00 + postage A</td>
</tr>
<tr>
<td>20</td>
<td>Caves of Westmoreland Co., PA</td>
<td>29.50 + postage C</td>
</tr>
<tr>
<td>21</td>
<td>Karst of Sinking Valley and Kookan Cave</td>
<td>27.50 + postage B</td>
</tr>
</tbody>
</table>

**U.S. Postage:**
- **A** $2.00 postage first copy; $0.50 each additional to same address
- **B** $2.50 postage first copy; $0.50 each additional to same address
- **C** $3.00 postage for each bulletin #20

**MAR Bulletin Orders:** Please make checks payable to MAR. All checks must be payable in US dollars on US bank or US money order

**Order from:** Bette White, 4538 Miller Road, Petersburg, PA 16669-2711 U.S.A.