



# BREAKDOWN

Volume 22, Number 1, April 2007

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 \$5 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 \$5 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.

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## 2007 Spring Field Meet

### WOODWARD CAVE CAMPGROUND

CENTRE COUNTY, PA

MAY 18TH - 20TH

Caving! Food!  
Fun events for everyone!

Questions? Please visit:

[http://www.caves.org/region/mar/fieldmeet\\_spring07.htm](http://www.caves.org/region/mar/fieldmeet_spring07.htm)

or E-mail us at:

[lvq@caves.org](mailto:lvq@caves.org)



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# MAR Meeting Minutes

## 24<sup>th</sup> of February 2007



Meeting was called to order by Bob Gulden at 1:30 p.m. Feb 24<sup>th</sup> 2007 at the home of Jay Herbein, Harrisburg, PA.

**Secretary's Report:** A motion was made to accept the 2006 Business Meeting minutes as published in the April 2006 Breakdown. The motion was seconded. Motion passed.

**Treasurer's Report:** The treasurer's report was read by treasurer Bette White. Printed copies were distributed.

**MAR Breakdown:** Karen Bange discussed a glitch that has been discovered in the MAR mailing list database. Because of the glitch not all the mailing labels are printed. Karen apologized to anyone who has not received a recent Breakdown. Extra copies of the January 2007 Breakdown were available at the meeting. Dave Fricke volunteered to take a look at the problem. Karen reminded everyone that electronic versions of the Breakdown can be found on the MAR website.

Send any Breakdown articles for publication to Karen Bange. Material can be in hardcopy or sent electronically to [riverbat@statecollege.com](mailto:riverbat@statecollege.com).

George Bange maintains the mailing list database for the Breakdown. All changes to mailing addresses and all MAR field meet registrations should be sent to George at [riverbat@statecollege.com](mailto:riverbat@statecollege.com).

**2006 Spring Field Meet:** The event was hosted by Franklin County Grotto in Williamson, PA. The write up of the event can be found in the August 2006 Breakdown.

**2006 Fall Field Meet:** The event was hosted by Bald Eagle Grotto at the KOA Campground in Centre County. The write up of the event can be found in the January 2007 Breakdown.

**MAR Web Site:** Christopher Catherman continues to keep the website up and running. The NSS changed their server; this transition was handled internally and the transition went well. Christopher reminded grottos to send MAR field meet information to him in a timely

manner for posting on the MAR website.

**Landowner Liability Act:** Karen Bange read a newspaper article from the Centre Daily Times, State College, PA, about a recent law suit in Lehigh County that affects the 1966 state law that shields landowners who allow recreational activity on their land. It seems the general public is pressing the General Assembly to beef up protection for landowners.

**Nature Conservancy:** Jim Hart spoke on behalf of the Pennsylvania Natural Heritage Program. The Heritage Program is changing their focus to encompass a more diverse ecoregional planning strategy. Jim talked about the need to educate the general public about karst and cave conservation. Jim spoke about the possibility of coordinating cave sampling/inventories at a regional level in order to further promote conservation and to create buffer zones around karst features. There was a general discussion about various current and potential resources available for this inventory.

Scott Bearer of The Nature Conservancy presented the focus of the Central Appalachian planning process. This long term plan involves building relationships between The Nature Conservancy and the caving community and caving conservancies.

Scott also gave an update on Rocky Gleason's inventory of cave invertebrate in several PA counties.

**MAR Bulletins:** Will White reported there has been some progress on the bulletin for *Huntingdon County*. Garrett Czmor reported there is a draft of *Huntingdon County* and it should be a reality this year. There are approximately 150 caves in the bulletin, some new caves and updates to known caves.

**Pennsylvania Cave Database:** Keith Wheeland gave a report on the 1,604 items listed on the cave database stressing the importance of cavers helping to keep the database up to date. Landowner and access policy for individual caves is of utmost importance to keep current. Guidelines for the PA cave database information is posted on page 5.

Jim Hart stated he is often asked by the Pennsylvania Natural Heritage Program for information listed on the cave database. Baltimore Grotto made a motion, seconded by Nittany Grotto, to authorize Keith Wheeland to enter into discussion with the Pennsylvania Natural Heritage Program regarding a memorandum of understanding (MOU) with the Pennsylvania Natural Heritage Program. The motion passed.

**Game Commission:** Mike Spencer reported he made a trip to Shofer Cave, Berks County, with Greg Turner of the Pennsylvania Game Commission. Mike is working on a second trip for inventory purposes. Mike continues to work on improving the relationship between the PCG and cavers.

**MAKC:** John Shero announced this year is MAKC's 10<sup>th</sup> anniversary. There will be an event in honor of this anniversary in June. There will be cave trips into a gated cave with very limited access. Details of the event will be posted on the MAKC website.

**Pennsylvania Cave Conservancy:** Meeting to follow the MAR Business Meeting.

**MAR Incorporation:** A revision to the draft of the bylaws was published in the January 2007 Breakdown. Baltimore Grotto made a motion for the current officers to move forward with completing the process of MAR incorporation as published in the January 2007 Breakdown. The motion passed. Jay Herbein asked that his zip code be corrected in the bylaws.

**2007 Spring Field Meet:** Will be hosted by Buffalo Valley Grotto May 18-20<sup>th</sup> at Woodward Campground, Woodward, PA. Registration forms are published on page 9. More information can be found on the MAR web site.

**2007 Fall Field Meet.** Philly Grotto is hosting the event in honor of their 60<sup>th</sup> anniversary. This is a joint MAR/VAR. The event will be October 12-14<sup>th</sup> at the OTR site, Dailey, WV. More information can be found on the Philly Grotto web site.

**2008 Spring Field Meet:** No takers.

**2008 Fall Field Meet:** Tentatively Nittany Grotto agreed to host the event in honor of their 60<sup>th</sup> anniversary.

**2009 Fall Field Meet:** York Grotto is interested in hosting the event in honor of their 50<sup>th</sup> anniversary.

#### **New Business:**

**Siler's Cave** in West Virginia is for sale. Asking price unknown.

**Trout Rock Cave** has an increase in an endangered bat population. There is a possibility of the cave being gated to protect the bats.

**Jay Herbein** announced that he and Kathy have been hosting the MAR Business Meeting at their home for the past 42 years. Although Jay and Kathy are still willing to host the meeting, the MAR should start to think about a new location for holding the meeting. Everyone thanked Jay and Kathy for their hospitality over the past 42 years.

**Keith Wheeland** posed the question whether the PA cave database is better suited for the PCC to maintain instead of one individual. Will White pointed out that currently Keith maintains the database and Will is housing the hardcopies of cave maps. It was agreed to bring this topic up at the next PCC meeting.

The **Spring VAR** is April 28<sup>th</sup> through the 29<sup>th</sup>. The event is being hosted by Front Royal Grotto at Dubin, WV.

The **Baltimore Grotto Swine and Dine**, at Friars Hole, WV, is May 19<sup>th</sup> through 28<sup>th</sup>.

The **NSS Convention** is July 23- 27<sup>th</sup> in Marengo, Indiana. Check the NSS web site for more information.

Meeting adjourned at 3:30 p.m.

The next meeting is February 23, 2008

Respectfully submitted,  
Karen Bange, MAR Recording Secretary

#### **Representatives at the MAR meeting:**

Baltimore Grotto, York Grotto, Nittany Grotto, Greater Allentown Grotto, Franklin County Grotto, Philly Grotto, Commander Cody Caving Club, Seven Valleys Grotto, Buffalo Valley Grotto, Central Jersey Grotto, Bald Eagle Grotto, Huntingdon County Cave Hunters

## Gross Assets: February 25, 2006

Savings:	17,401.31
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Gross Assets: February 24, 2007

Savings:	18,988.08
----------	-----------

<b>Net Income (Gain/Loss) for 2006</b>	.....	<b>1,269.70</b>
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ITEM	INCOME	EXPENSES	NET
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## MAR FIELD MEETS

No check received yet. Resubmitted to ASA Penn State Feb 3, 2007 Owed: \$1,123.56

MAR Bkdn: (141 @ \$4.00 = ~~\$564.00~~ see below)

MAR Profit: ( $\frac{1}{4}$  Nittany $\frac{1}{4}$ /7-Valleys/  $\frac{1}{2}$  MAR\$279.04) - 0 -

MAR Raffle( $\frac{1}{2}$  MAR) last year income: 126.50

Spring '06 [Franklin Co. 108 adults]

MAR Income: 108 @ \$1.00=	108.00
---------------------------	--------

MAR Bkdn: (108 @) \$4.00 = \$432.00 see below)

MAR Profit: ( $\frac{1}{2}$  Franklin Co./  $\frac{1}{2}$  MAR) 323.75

**Fall '06 [Bald Eagle:** 92 adults, 6 children

MAR Income: 92 @ \$1.00	92.00
-------------------------	-------

MAR Bkdn: (92 @ \$4.00 = \$368.00 see below)

MAR Profit: ) -0-

Web Fee	12.00
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**Field Meet/Web: Net Income** ..... **419.75**

## MAR Bulletins

MAR 20:: \$7,138.64-(1@29.50)=\$7,109.14 still owed

Bulletin sales:	332.00
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Postage

<b>MAR Bulletin Sales: Net Income .....</b>	<b>777.46</b>
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## MAR BREAKDOWN

(prev. balance: \$2,496.72)

Subscription paid (2 years)	10.00
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Subscription (Spring '06 Field Meet)	432.00
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Subscription (Fall '05 Field Meet)	368.00
------------------------------------	--------

Bkdn 20(1) 160 copies printed and 160 mailed

Printing: 91.59; postage: 62.40	<b>153.99</b>
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Bkdn 20(2) 160 copies printed; 160 mailed

Printing: 72.93; postage: 51.80	<b>124.73</b>
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Bkdn 20(3) 190copies printed and 190 mailed

Printing: 111.93, postage: 70.20; labels 34.97	<b>217.10</b>
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[New Breakdown balance: \$2,496.72 + 314.18 = \$2,810.90]

**MAR Breakdown Subscription: Net Income** ..... --0-

**CAVE LAW SIGNS** (previous balance 620.39)

Cave Sign sales 0 @ \$10.00 [New Cave law sign balance = \$620.39]

**Net** .....

<b>Totals-----</b>	<b>1,777.52</b>	<b>----- 507.82</b>	<b>.....1,269.70</b>
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Elizabeth L. White, Treasurer

# The Pennsylvania Cave Conservancy - Data Collection Form

Cave name \_\_\_\_\_ County \_\_\_\_\_ Date \_\_\_\_\_

Aliases \_\_\_\_\_

Quadrangle \_\_\_\_\_ Geologic Formation \_\_\_\_\_ Drainage Basin \_\_\_\_\_

N Not classified  
C Classified

## Open/Closed Status

O Open  
U Unknown  
I Closed intermittently  
N Closed naturally  
P Closed by a person  
Q Quarried away - gone  
G Gated

Latitude \_\_\_\_\_  
Longitude \_\_\_\_\_  
Elevation \_\_\_\_\_  
Strike \_\_\_\_\_  
Dip \_\_\_\_\_

## Entrance Type

UN Unknown  
EQ Quarry  
ER Roadcut  
EM Mine  
EC Excavated for cave  
SR Resurgence  
SS Sinking stream  
SB Stream bank  
SU Submerged  
DS Dry sinkhole  
DO Outcrop  
DC Cliff face  
DP Pit or dome  
DE Eroded, i.e. hillside

Internal Relief \_\_\_\_\_  
Length \_\_\_\_\_  
Source of length

E Estimate  
M Map  
S Survey  
U Unknown

Length Attribute  
E Estimate  
A Additional unmeasured  
T Total of several caves

## Cave Type

N Natural cave  
C Commercial  
W Was commercial  
S Shelter  
M Mine  
F Fictional/Conjectural  
O Oddity

## Sensitivity (All that apply)

F Formations delicate  
E Endangered species  
H Historical/Arch/Paleo  
O Other

## Hazards (All that apply)

H Hypothermia  
A Bad air  
B Breakdown unstable  
F Sudden floods  
L Location near danger  
P Pollution  
S Strained owner relations  
T Tight into main cave  
V Vertical/pits

## Physiographic Province

03A Coastal Plain  
04A Piedmont Upland Section  
04B Triassic Lowland Section  
04C Conestoga Valley Section  
05A Blue Ridge  
06B Appalachian Mt. Section  
06D Great Valley Section  
08C1 Glacial Section(Western)  
08C2 Glaciated Low Plateaus  
08D Allegheny Mt. Section  
08E1 Allegheny High Plateaus  
08E2 Pittsburgh Plateaus  
08H Pocono Plateaus  
09B New England Province  
12A Eastern Lake Section

## Citation Information

BE Bald Eagle Grotto  
BG Baltimore Grotto News  
BC Bucks County Diviner  
BV Buffalo Valley  
CC Commander Cody  
CR Chestnut Ridge Explorers  
CU Cumberland Valley Caver  
EM Enchanted Mt. Cave Gp.  
FC Franklin Co. Grotto  
HC Huntingdon Co. Cve Hunters  
KC Karst Chronicle  
LT Loyalhanna Troglodyte  
MB MAR Bulletin  
NN Netherworld News  
NG Nitany Grotto News  
NE Northeast Caver  
NB NSS Bulletin  
NJ NSS Journal Caves & Karst  
NS NSS News  
NW NWPCS Journal  
PR Pack Rat Scal  
PS Pa. Geol. Survey Reports  
PD Pa. Dept. Internal Affairs  
PG Philly Grotto Digest  
SD SpeleoDigest  
UR Unpublished report  
WV West Va. Caver  
YK York Grotto News

OT Other \_\_\_\_\_

## Origin

S Solutional  
R Talus  
E Erosion (slumping)  
T Tectonic (cracks)  
X Eolian (wind formed)  
I Ice  
L Lava  
U Unknown

## Relative Entrance Size

L Large 10' & up  
W Walk 5' - 10'  
C Crawl 2' - 4'  
S Squeeze 1' - 1+'  
T Tight up to 1'  
U Unknown

## Water

D Dry  
M Muddy  
I Intermittent stream  
P Pools  
F Flowing water  
S Sumps  
U Underwater (submerged)

## Equipment Codes

## Codes

Use codes at right and fill in per examples.

Ft - Feet M - Meters

Examples: H 60Ft or L 10M

H Hand line - include length  
L Ladder - include length  
R Standing rope - include length  
W Wet suit  
D Diving gear

1. \_\_\_\_\_

2. \_\_\_\_\_

## Release Form

N No release form  
R Release form once  
E Release form each time  
U Unknown

## Entry Access

B Blanket permission  
P Permission required each time  
N No caving  
U Unknown

## Owner Type

P Private, partnership, or family  
C Company or corporation  
G Government  
U Unknown

Vol., No., Page

Date \_\_\_\_\_

## Entry access control (if owner controls access, fill in at right)

Name \_\_\_\_\_ Ph. \_\_\_\_\_

Street \_\_\_\_\_

City/State/Zip \_\_\_\_\_

Email \_\_\_\_\_

## Owner

Name \_\_\_\_\_ Ph. \_\_\_\_\_

Street \_\_\_\_\_

City/State/Zip \_\_\_\_\_

Email \_\_\_\_\_



# The Pennsylvania Cave Conservancy - Data Collection Form - Page 2

<b>Profile</b> H Horizontal B Bi-level (two overlying, distinct, well-developed levels) M Multi-level (overlying, well developed levels) S Sloping (passage gradient greater than normal stream gradient) T Tiered (sequence of several stepped levels) V Vertical (major extent of mostly pit development) P Pit (no significant horizontal development) C Compound or complex (large cave with multiple profiles) I Insufficient information	<b>Map Grade</b> (survey instrumentation) 6 Theodolite (or transit) and tape survey 5 Compass and tape survey 4 Combination of 3 and 5 3 Compass and pace survey 2 Controlled sketch (angles taken) 1 Sketch
<b>Passage Pattern</b>  <b>Linear Development</b> 1DL Linear - straight 1DS Sinuous - gradual bends 1DA Angulate - sharp bends  <b>Planar Development</b> 2BS 2-D sinuous branchwork 2BA 2-D angulate branchwork 2MA 2-D anastomatic maze 2MN 2-D network maze  <b>Three dimensional development</b> 3MS 3-D spongework maze 3MA 3-D angulate maze  <b>Other</b> 4ND Indefinite passage development 4VC Unique passage development 4CD Compound; classic in some sections 4CX Complex; multiple structures & dimensions	<b>Map Class</b> (survey measurement) A Based on memory B Details estimated and recorded in cave C Measurement of detail made at survey stations only D Measurement of detail made in addition to survey stations U Unknown
<b>Passage Density</b> U Unknown S Single passage L Loose (features greater than 500 ft. apart) I Intermediate (features 50-500 ft. apart) T Tight (features less than 50 ft. apart)	<b>Map Quality</b> E Excellent (passage detail, section views, profile) G Good (passage detail, may have some section views) P Poor (line drawing, little or no detail) N Little or no value, unreadable
<b>Remarks:</b>	<b>Map Year</b> _____ (include century digits i.e. 2007)
	<b>Map Storage</b> (original) BGR Baltimore Grotto BCG Bucks Co. Grotto BVG Buffalo Valley Grotto CCC Commander Cody Caving Club CZM Garrett Czmor EMC Enchanted Mt. Cave Group FCO Franklin Co. Grotto GAG Greater Allentown Grotto HCH Huntingdon Co. Cave Hunters LOY Loyalhanna Grotto MAK Mid-Atlantic Karst Conservancy MET MET Grotto NIT Nittany Grotto NSS NSS NWP Northwest Pa. Cave Survey PCS Pennsylvania Cave Survey PGH Pittsburgh Grotto PHL Philly Grotto WST Westminster College Caving Group YRK York Grotto  MAP Location shown on map OWN With cave owner UNK Unknown Other _____
<b>Restricted Dates</b> V No caving - Oct. 15 - Apr. 15 W No caving - Aug. 15 - May 1 X No caving - Sep. 2 - Apr. 30 Y No caving - Sep. 16 - May 14	

KDW 2-26-2007

# Pennsylvania Cave Conservancy Corner

The meeting was called to order at 4:00 pm by President Pat Minnick at the home of Jay Herbein Saturday February 24, 2007.

The following officers were present.

<b>President</b>	P. Minnick	<b>Vice President</b>	C. Catherman
<b>Secretary</b>	K. Bange	<b>Treasurer</b>	G. Bange

Representation was as follows:

Bald Eagle Grotto	JD Lewis
Baltimore Grotto	Craig Hindman
Bucks County Grotto	Pat Richard
Buffalo Valley Grotto	Eric Snyder
Central New Jersey Grotto	Frank Strahan
Commander Cody Caving Club	Mike Mostardi
Franklin County Grotto	Pat Minnick
Greater Allentown Grotto	Dean Snyder

Huntingdon Co. Cave Hunters	Derek Flaig
Nittany Grotto	Gary Dunmire
Philadelphia Grotto	Amos Mincin
Pennsylvania Inner-Earth Grotto	----
Pittsburgh Grotto	----
Seven Valleys Grotto	Joe Schock
York Grotto	Dale Ibberson

**Secretary Report:** The minutes from the October 2006 meeting were accepted as published in the January 2007 Breakdown.

**Treasurer Report:** George Bange distributed a copy of the PCC financial summary.

**Web Page:** Dave Fricke gave an update on the PCC web site. Dave asked that PCC reps keep him up to date with current/correct grotto and contact information.

**PCC Breakfast:** The Cathermans have been coordinating the PCC breakfasts for several years. The Cathermans will not be able to attend the spring MAR field meet. No one present was interested in volunteering to coordinate the PCC breakfast at the upcoming MAR. Guidelines for putting on the breakfast can be found on the PCC website. Pat Minnick agreed to take the PCC breakfast grill from Bald Eagle Grotto this spring. PCC is not interested in hosting a breakfast at the fall MAR.

**PCC Brochure:** Mike Spencer put correct mailing labels on approximately 1,000 PCC brochures. At this time there is no need to reprint the brochures. PCC thanked Mike for his efforts. Anyone interested in brochures should contact George Bange.

**Mail:** Dean Snyder reported that Lost River Cavern gave a \$100 donation to the PCC. A thank you note was sent to Lost River Cavern. The Christmas card for the landowner of Penn Aqua Cave was returned.

## OLD BUSINESS:

### Project List:

**Baker Caverns:** Franklin, County, PA- The property remains for sale. The nearby quarry has increased quarrying activity but is not approaching the P caves at this time.

**Dragon Cave:** Berks County, PA –  
No change in status.

#### J-4: Centre County, PA-status quo

**Red Church Cave:** Schuylkill County, PA-  
No change in status

**Merkle Cave:** Berks County, PA.-  
No change in status.

**Cleversburg Cave:** Cumberland County, PA. The Southampton Township has agreed to leasing the cave property to MAKC. This is the first time that MAKC will be leasing from a governmental entity. The cave is closed until an access policy is worked out. Franklin County Grotto will be the managing unit for the cave.

**Corker Hill and Frustration Pit:** Franklin County, PA- Amos Mincin has been in contact with WASHCO Homes, current owners of the land. WASHCO Homes is aware of the caves on the property. WASCHO Homes is considering gating the caves and not allowing recreational caving. Amos has scheduled a bat survey into the cave with the Pennsylvania Game Commission. PCC encouraged Amos to continue negotiations with WASHCO Homes about possible acquisition of the caves.

**Schofer Cave:** Berks County, PA.- Mike Spencer has been in the cave with the PA Game Commission.

**Durham Cave:** Berks County, PA- no change  
**Penn Aqua Cave:** Mifflin County, PA- correct address needed for the current landowner.

#### **NEW BUSINESS:**

**PA Cave Database:** There was a discussion about forming a committee within the PCC to be responsible for the PA cave database. This would most likely entail one central person to coordinate maintenance of the data via regional coordinators. York Grotto made a motion for the PCC to adopt the PA cave database as a project. This motion was seconded by Greater Allentown Grotto (GAG). The motion passed. A second motion was made by Baltimore Grotto, seconded by GAG, for the PCC to authorize the person maintaining the cave database to enter into a memorandum of understanding (MOU) with the Pennsylvania Natural Heritage Program. This motion was passed. A third motion was made by GAG, seconded by Bald Eagle Grotto, for all PCC reps to communicate with their grottos that PCC is looking for someone to take over the PA cave database within the next three months. Keith Wheeland agreed to continue to be the interim manager of the cave database.

**Dale Ibberson** reported on the Martz farm in Dauphin County that is housing a large nursery colony of little brown bats. Central PA Conservancy and the DCNR are looking into purchasing the land. There is the possibility of Indiana bats within the bat colony.

**Inactive Members:** This item was tabled until the next PCC meeting.

**Officer elections** were held. The current officers were all voted back into office.

**President** P. Minnick  
**Vice President** C. Catherman  
**Secretary** K. Bange  
**Treasurer** G. Bange

**Next meeting:** The next meeting of the PCC will be on Sunday May 20, 2007 at the spring MAR field meet.

The meeting was adjourned at 4:35pm

Respectfully submitted,  
Karen Bange, Recording Secretary

**For the latest news and information on upcoming  
events check out the  
MAR web site and the PCC web site**

The MAR web page is at:  
[www.caves.org/region/mar](http://www.caves.org/region/mar)

The PCC web page is at:  
[www.caves.org/conservancy/pcc](http://www.caves.org/conservancy/pcc)





# 2007 SPRING MAR – Registration Form

## Woodward Cave Campground

### Woodward, Pennsylvania

### May 18 - 20, 2007

#### Principal Registrant:

Name: \_\_\_\_\_

Address: \_\_\_\_\_ Daytime Phone: \_\_\_\_\_

\_\_\_\_\_ Evening Phone: \_\_\_\_\_

Primary Grotto Affiliation: \_\_\_\_\_

Emergency Contact: \_\_\_\_\_ Primary Phone: \_\_\_\_\_

#### Additional Registrants:

Name: \_\_\_\_\_ Age: \_\_\_\_\_

Relationship to Registrant: \_\_\_\_\_

Name: \_\_\_\_\_ Age: \_\_\_\_\_

Relationship to Registrant: \_\_\_\_\_

Name: \_\_\_\_\_ Age: \_\_\_\_\_

Relationship to Registrant: \_\_\_\_\_

	Unit Cost	Quantity	Total Cost	Quantity of Vegetarian Meals
Adult Registration (Before April 20, 2007)	\$25.00			
Adult Registration (After April 20, 2007)	\$30.00			
Child Registration (Ages 6-12)	\$15.00			
Child Registration (Under 6)	FREE			
Dog Registration	\$5.00			
<b>TOTAL</b>				

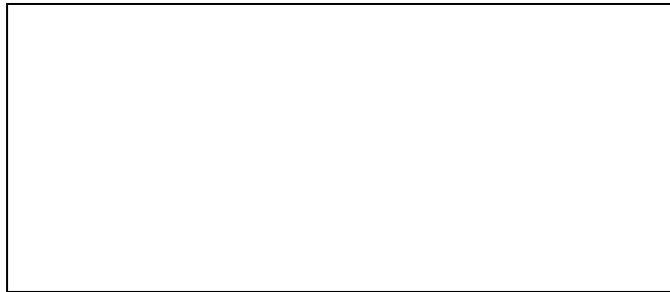
Buffalo Valley Grotto, its members, the MAR, Woodward Cave & Campground, and private landowners take no responsibility for any injuries or losses that might be sustained during the 2007 Spring MAR meet and any associated activities either on-site or off-site. Participation by the undersigned is at their 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 send this completed form and a check made payable to **Buffalo Valley Grotto** to:  
Buffalo Valley Grotto, Eric Snyder, 518 Market Street, Mifflinburg, PA 17844

\*\*For directions please go to [www.woodwardcavecampground.com/directions.htm](http://www.woodwardcavecampground.com/directions.htm)\*\*

MAR Breakdown  
118 Ridge Road  
PO Box 426  
Centre Hall, PA 16828



# Mid-Appalachian Region Bulletins

**[including reprinted Bulletins]**

NSS Member Price List

Effective May 2002

1-4	<b>REPRINT VOLUME:</b> Bulletins #1-4		7.00 + postage
5	<b>REPRINT VOLUME:</b> Caves of Western PA	29 caves, 19 maps 76pp	8.00 + postage <b>A</b>
	Armstrong, Clarion, Fayette, Lawrence, Mercer, Somerset, Venango, Westmoreland Counties		
6	<b>REPRINT VOLUME:</b>	93 caves 69 maps/5 large maps 126 pp	12.00 + postage <b>B</b>
	Caves of Southern Cumberland Valley, Cumberland, Dauphin, Franklin Counties		
7	<b>REPRINT VOLUME:</b> Caves of Fulton Co., PA	4 caves, 4 maps 17pp	5.00 + postage <b>A</b>
8	<b>REPRINT VOLUME:</b> Caves of Blair Co., PA	89 caves, 40 maps 90 pp	7.00 + postage
9	<b>REPRINT VOLUME:</b> Caves of Huntingdon Co., PA	94 caves, 36 maps	10.00 + postage <b>B</b>
10	Caves of Snyder Co., PA	20 caves, 14 maps	5.00 + postage <b>A</b>
11	Caves of Centre Co., PA	71 caves, 56 maps/1 large map	10.00 + postage <b>B</b>
12	Caves of Mifflin Co., PA	47 caves, 31 maps/5 large maps	10.00 + postage <b>B</b>
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