

# The Pennsylvania Cave Conservancy - Data Collection Form

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

Aliases \_\_\_\_\_

Quadrangle \_\_\_\_\_ Geologic Formation \_\_\_\_\_ Drainage Basin \_\_\_\_\_ N Not classified  
C Classified

Cave Type	Origin	Open/Closed Status	Relative Entrance Size
N Natural cave C Commercial W Was commercial S Shelter M Mine F Fictional/Conjectural O Oddity	S Solutional R Talus E Erosion (slumping) T Tectonic (cracks) X Eolian (wind formed) I Ice L Lava U Unknown	O Open U Unknown I Closed intermittently N Closed naturally P Closed by a person Q Quarried away - gone G Gated	L Large 10' & up W Walk 5' - 10' C Crawl 2' - 4+' S Squeeze 1' - 1+' T Tight up to 1' U Unknown

Entrance Type	Sensitivity (All that apply)	Hazards (All that apply)	Water
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	F Formations delicate E Endangered species H Historical/Arch/Paleo O Other	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	D Dry M Muddy I Intermittent stream P Pools F Flowing water S Sumps W Underwater (submerged) U Unknown
<b>Physiographic Province</b>			
	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

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

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

Source of length - E-Estimate, M-Map, S-Survey, U-Unknown: Length Attribute - E-Estimate, A- Additional unmeasured, T-Total of several caves

### Equipment Codes

Examples: H 60Ft L 10M

Use codes and fill in per examples.  
 H Hand line - include length  
 L Ladder - include length  
 R Standing rope - include length  
 W Wet suit  
 D Diving gear

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

Ft = Feet M = Meters

Entry Access	Owner Type	Release Form	Restricted Dates
B Blanket permission P Permission required each time N No caving U Unknown	P Private, partnership, or family C Company or corporation G Government U Unknown	N No release form R Release form once E Release form each time U Unknown	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

Entry access control (if owner controls access, fill in at right)	Owner
Name _____ Ph. _____ Street _____ City/State/Zip _____ Email _____	Name _____ Ph. _____ Street _____ City/State/Zip _____ Email _____

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<p><b>Profile</b></p> <p>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</p>	<p><b>Map Grade (survey instrumentation)</b></p> <p>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</p>						
<p><b>Passage Pattern</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top; padding: 5px;"> <p><b>Linear Development</b></p> <p>1DL Linear - straight              1DS Sinuous - gradual bends              1DA Angulate - sharp bends</p> </td> <td style="width: 50%; vertical-align: top; padding: 5px;"> <p><b>Planar Development</b></p> <p>2BS 2-D sinuous branchwork              2BA 2-D angulate branchwork              2MA 2-D anastomatic maze              2MN 2-D network maze</p> </td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 5px;"> <p><b>Three dimensional development</b></p> <p>3MS 3-D spongework maze              3MA 3-D angulate maze</p> </td> </tr> <tr> <td colspan="2" style="padding: 5px;"> <p><b>Other</b></p> <p>4ND Indefinite passage development              4VC Unique passage development              4CD Compound; classic in some sections              4CX Complex; multiple structures &amp; dimensions</p> </td> </tr> </table>	<p><b>Linear Development</b></p> <p>1DL Linear - straight              1DS Sinuous - gradual bends              1DA Angulate - sharp bends</p>	<p><b>Planar Development</b></p> <p>2BS 2-D sinuous branchwork              2BA 2-D angulate branchwork              2MA 2-D anastomatic maze              2MN 2-D network maze</p>	<p><b>Three dimensional development</b></p> <p>3MS 3-D spongework maze              3MA 3-D angulate maze</p>		<p><b>Other</b></p> <p>4ND Indefinite passage development              4VC Unique passage development              4CD Compound; classic in some sections              4CX Complex; multiple structures &amp; dimensions</p>		<p><b>Map Class (survey measurement)</b></p> <p>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</p>
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<p><b>Passage Density</b></p> <p>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)</p>	<p><b>Map Quality</b></p> <p>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</p>						
<p><b>Citation Information</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top; padding: 5px;">                 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 Hnters                  KC Karst Chronicle                  LT Loyalhanna Troglodyte                  MB MAR Bulletin                  NN Netherworld News                  NG Nittany Grotto News             </td> <td style="width: 50%; vertical-align: top; padding: 5px;">                 NE Northeast Caver                  NB NSS Bulletin                  NJ NSS Journal Caves &amp; Karst                  NS NSS News                  NW NWPCS Journal                  PR Pack Rat Scat                  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             </td> </tr> <tr> <td colspan="2" style="padding: 5px;">                 OT Other _____             </td> </tr> </table>	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 Hnters KC Karst Chronicle LT Loyalhanna Troglodyte MB MAR Bulletin NN Netherworld News NG Nittany Grotto News	NE Northeast Caver NB NSS Bulletin NJ NSS Journal Caves & Karst NS NSS News NW NWPCS Journal PR Pack Rat Scat 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 _____		<p><b>Map Year</b> _____ (include century digits i.e. 2007)</p> <p><b>Map Storage (original)</b></p> <p>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</p> <p>MAP Location shown on map          OWN With cave owner          UNK Unknown          OTH Other _____</p>		
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OT Other _____							
<p><b>Remarks:</b></p>          							
<p>Vol., No., Page _____</p> <p>Date _____</p>							