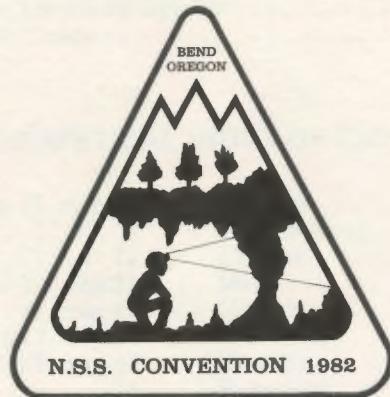


AN INTRODUCTION TO CAVES OF THE BEND AREA



Guidebook of the 1982 NSS Convention

AN INTRODUCTION TO CAVES OF THE BEND AREA



Guidebook of the 1982 NSS Convention

Charles V. Larson, Editor

James R. Nieland, Cartography

**©Copyright 1982 by the National Speleological Society,
Huntsville, Alabama**

TABLE OF CONTENTS

Convention Staff.....	iv
Introduction	v
Mount St.Helens Update	1
Geology of Central Oregon	3
Geologic Map of Central Oregon	7
Cave Descriptions:	
Newberry Caves.....	13
Arnold Lavatube System.....	13
Horse Lavatube System.....	31
Cascades Caves	63

ALHPABETICAL INDEX OF CAVES

Arnold Ice	15-19, map 17	Lavacicle	48-50; map 49
Barbed Wire	31, 38	Little Belknap.....	71, map 73
Barlow	31	LTB Ice.....	52, map 54
Bat	19-20, map 21	Matz	52-55, map 53
Ben's.....	41, map 42	Moonshiner's	38-39
Boyd.....	41-42, map 44	Nice	53
Button Springs	42-47, map 43	Moss Pit.....	74
Century Pit	74	Pictograph	24-29, map 25
Charcoal	20, map 17	Quartz Mountain.....	55
Charcoal No. 2	20, map 26	Quartz Mountain, Upper.....	map 60
Charlie The Cave.....	20, map 27	Rat Falls	39, map 38
Cleveland Ice	63, map 66	Roadside	39, map 38
Consolation	63	Sand Mountain Chimneys	71, map 74
Deg.....	20, map 27	Santiam Pits	71, map 68
Derrick	47-48, map 46	Sawyers Caves	71-72, map 69
Distillery.....	31, map 34	Sheridan Mountain	72, map 73
Edison Ice	63, 71, map 67	Skeleton	55, map 56
Friday.....	53	Skeleton No. 2	55-56
Garbage No. 1.....	31, map 35	South Ice	56-62, map 58
Garbage No. 2.....	31, map 35	Stepladder	39-40, map 39
Goodest.....	53	Stevens Road	39
Hairpin	46	Stookey Ranch	29, map 26
Hidden	37, map 33	Stove	40
Hidden Forest.....	20-24	Surveyor's Ice	62-63
Hideaway	46	Tree	46
Horse	37-38, map 36	Walk-In	53
Horse No. 2	38, map 37	Upper McKenzie Pit	72, map 72
Lava River	50-52, map 57	Wind	29-30, map 27
		Youngs	34,40-41, map 28



Drawings:
Cover-Patty Silver; fig. 2.14-Jim Nieland

Photos

Fig. 2.7-Jim Nieland; fig. 2.30-Libby Nieland; the rest-Charlie & Jo Larson

about 1.8 miles west of the junction. There is ample parking space near the caves and there may or may not be signs and a litter barrel, depending on periodic assaults by vandals. One such sign reads "Ice Caves" and while some spectacular ice forms in the caves every winter, it is not known to remain year around.

These caves, being among the westernmost lavatubes in Oregon and relatively near several population centers, are heavily visited. They are advertised as tourist attractions in several widely circulated publications—for example, *Sunset* magazine—which in no small way contributes to their popularity. Cave No. 3 does not show the wear and tear evident in the others, despite the presence of a well worn trail leading in its direction. Perhaps this is due to the forbidding appearance of the entrance, an appearance which caused several unnecessary wooden ladders to be built, the rotting remains of which may be seen in the sinks.

SHERIDAN MOUNTAIN CAVE

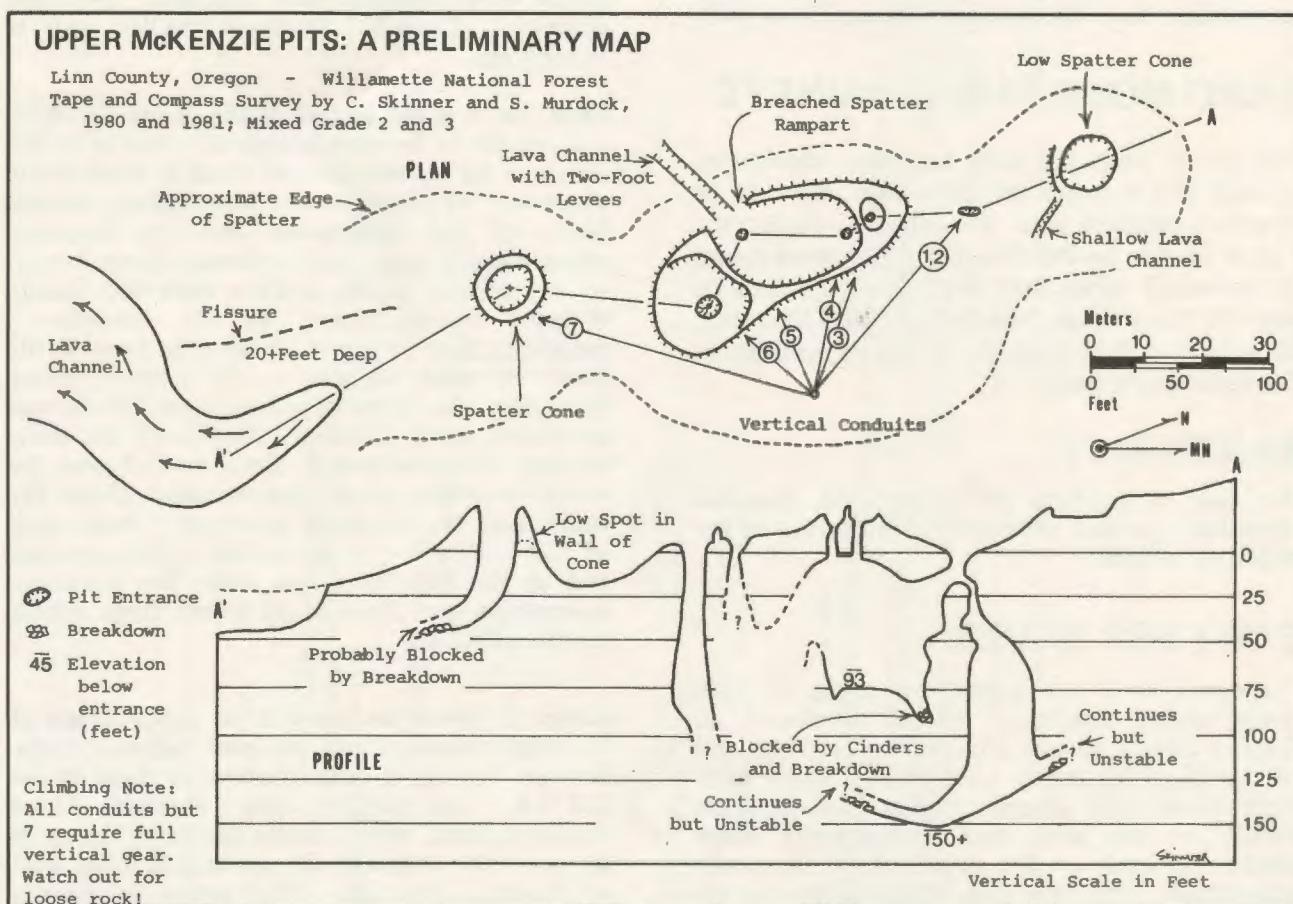
Sheridan Mountain Cave was discovered in early October, 1959, by a Forest Service crew.

Typically described as "...a huge cavern from which a strong wind blew..." it was shortly examined by Bend spelunkers Phil Coyner and Jim Anderson. The first recorded entrance of the cave was by an Oregon Speleological Survey group in June, 1961. OSS files contain a rough sketch map produced as a result of the visit. Since then, the relatively few recorded visits to the cave have been by groups from the Oregon Grotto. See map of the cave on page 73.

A note to visitors: The entrance drop could be negotiated by a skillful rock climber but vertical gear reaching at least 25 feet is *strongly recommended*.

UPPER McKENZIE PITS

The chimneys now known as Upper McKenzie Pits were first reported to OSS around 1975 but there was no further exploration reported until Skinner began research there in 1980. These pits contain a lot of loose rock and require full vertical gear. Detailed directions will be available at the registration desk.



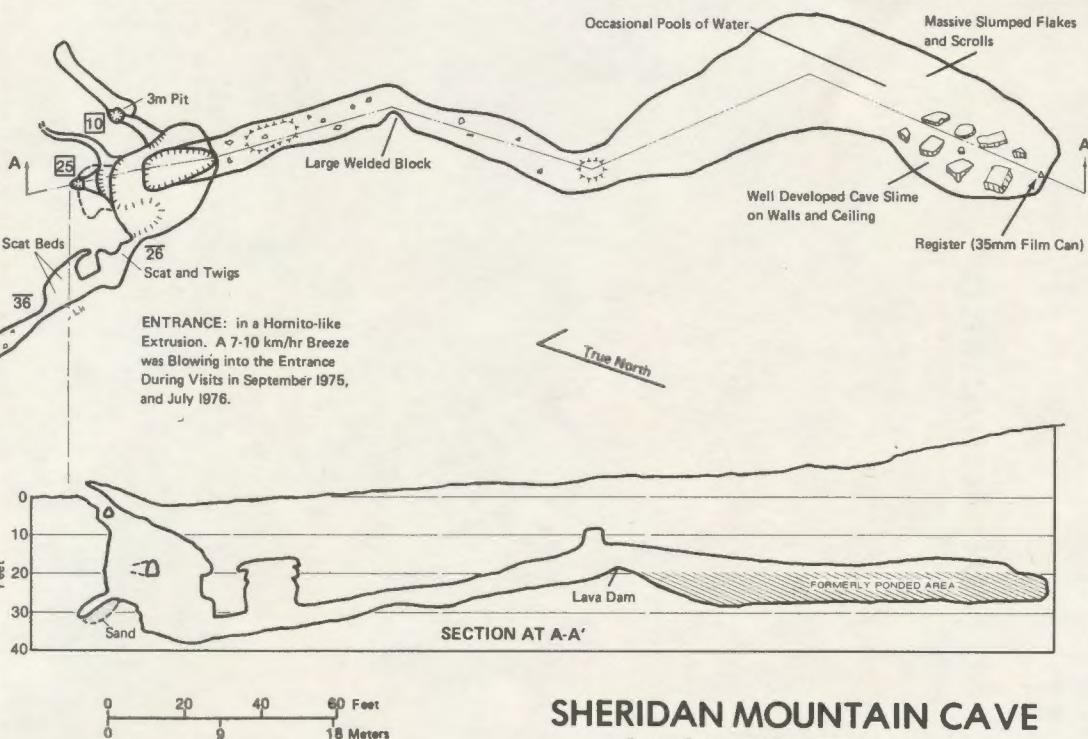
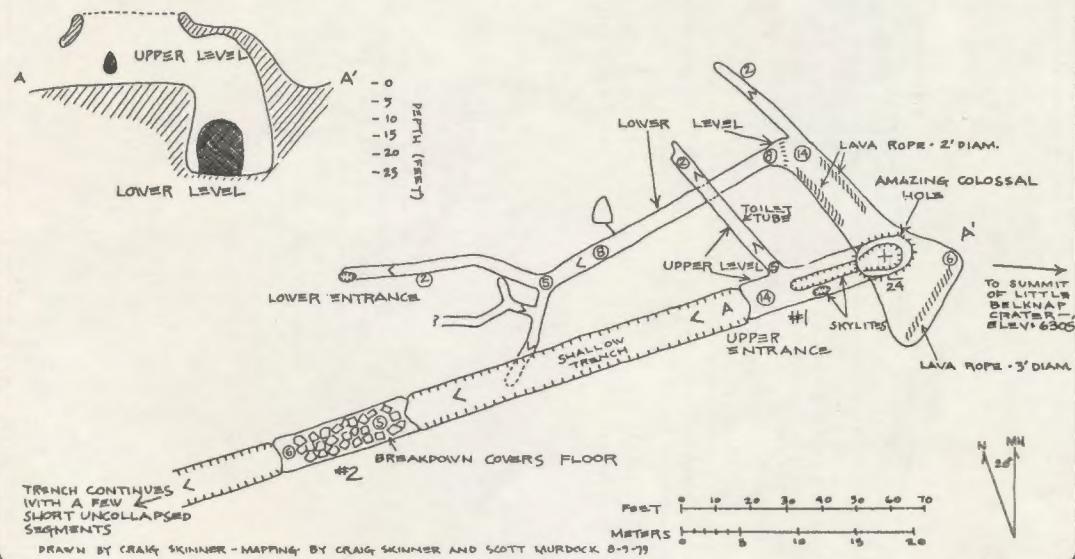
LITTLE BELKNAP CRATER CAVES

MOUNT WASHINGTON WILDERNESS • LINN COUNTY, OREGON
ELEVATION: 6270'

AUGUST 9, 1979

TOTAL PASSAGE LENGTH: APPROXIMATELY 375'

SURVEY BY SILVA COMPASS, TAPE, AND EDUCATED ESTIMATE
USGS MAP: THREE-FINGERED JACK 15' (1959)



SHERIDAN MOUNTAIN CAVE

Brunton Compass and Tape Survey, 6/11/76,
by Charlie and Jo Larson, and Ed Block.