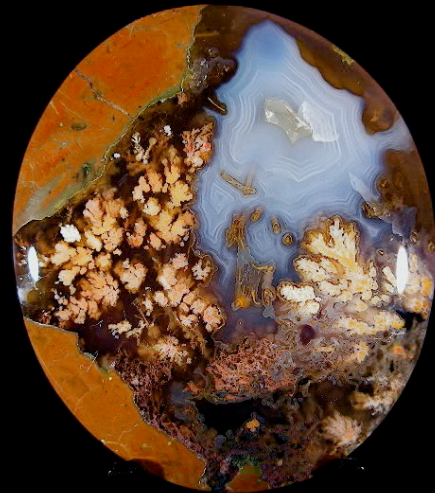


# The 2012 American Agate - Jasper Index: A Quartz Gem Materials Guide



Volume 2 : Northwest  
Washington, Oregon, Nevada, Idaho, Alaska

# Introduction

The American Agate-Jasper Index is being produced to fill a large gap we, the editors, feel exists in the current coverage of the semi-precious gemstones here in the United States, especially in the quartz family. Presently there are many high-quality, detailed books that show material from across United States (and the world). These books, unfortunately, are limited by their page count, author knowledge, regional focus, cost considerations, and publication deadlines. Though these books are excellent resources, material is constantly omitted that we consider important.

The intention of this Index is to provide lapidaries a comprehensive tool for both the identification of unknown material they encounter at sales, on line, and in other locations, and to also create a generalized visual guide of material that can be found in regions throughout the United States. Our goal is not to produce a 'Gem Trails' book with directions and mileages, nor is it to provide a photographic portfolio of only museum quality specimens, with many pages showing multiple high-end specimens. The first task is beyond our means: the second has already been done successfully by collectors and writers who have resources far beyond our own.

The strength of the American Agate – Jasper Index comes from the source of the material we use: this book is produced through the cooperation of rockhounds and dealers from across the United States and the world. Utilizing internet message boards, we have been blessed with contacts from almost every state who have donated their photographs to our cause. Their aid in chronicling their local 'neighborhood' gives this guide access to material that might otherwise be overlooked by other texts. That these images and information have been freely provided to us, the editors, is a testament to the generosity of people in this hobby.

This book is a free database. Copying and distributing of the entire document is allowed, but for no reason should this work be offered up for sale, nor should any image contained here-in be reproduced without permission of the contributor. This database is designed to be and should remain a free reference work for everyone. The copyright of all individual images remains with and belongs to the contributor.

We thank everyone who has helped, will help, or supports this endeavor. Please spread the word about this project. We are hoping more collectors across the United States will participate. Special thanks goes out to Steve Holmes. His posting on *Rock Tumbling Hobby* in 2009 initiated the conversation that set the spark for this project, and his contributions to the first Volume helped strengthen our belief that this crazy idea might work. Additional thanks goes to Jason Hinkle, who reviewed the Oregon thunderegg material for accuracy.

Sincerely,

Index Editor, Lowell Foster  
Assistant Editor, Mel Hixson

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# Petrified Wood

Deschutes River Canyon  
Oregon



# Petrified Wood

Deschutes River Canyon  
Oregon



Hickory

# Petrified Wood

Deschutes River Canyon  
Oregon



Oak



# Petrified Wood

Deschutes River Canyon  
Oregon



White Oak

# Petrified Wood

Calamity Butte  
Harney Co. Oregon



Sequoia

# Petrified Wood

Fish Creek  
Mount Hood National Forest  
Clackamas Co. Oregon



# Petrified Wood

Gabbs

Nye Co. Nevada



# Petrified Wood

## Grassy Mountain

Malheur Co. Oregon



photo by Steven Speer

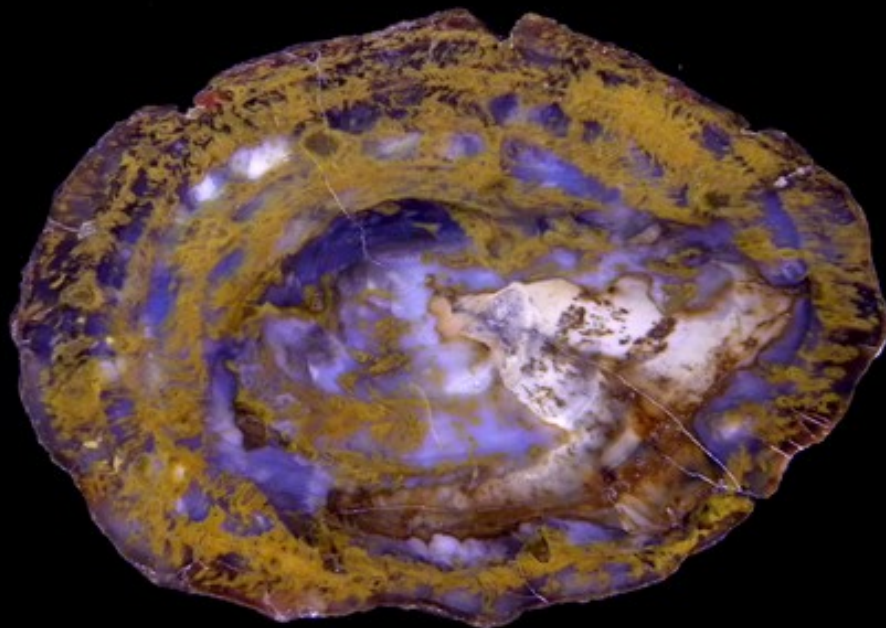


photo by Liz Donaugh

# Petrified Wood

Grassy Mountain

Malheur Co. Oregon



Laurel



Maple

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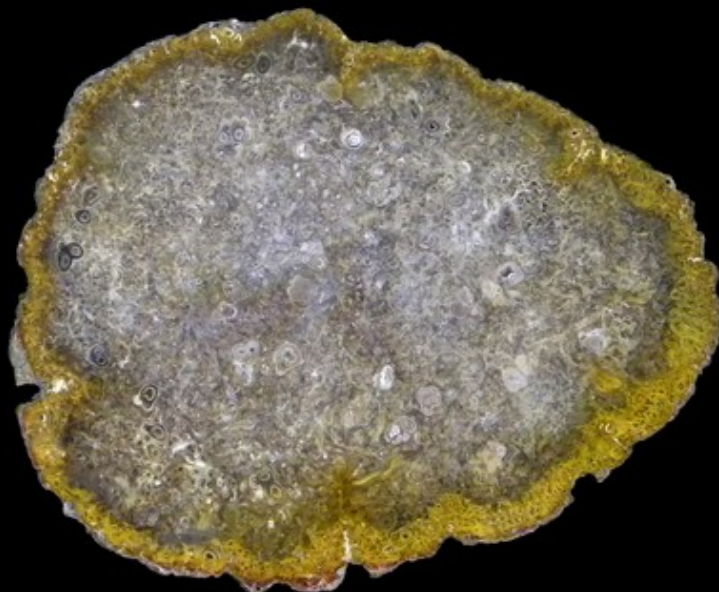
# Petrified Wood

Greenhorn Mountain  
Baker Co. Oregon



Tempskya

photo by Mel Hixson



# Petrified Wood

Hampton Butte  
Deschutes Co. Oregon





# Petrified Wood

Hampton Butte  
Deschutes Co. Oregon



photo by Steve Holmes



photo by Liz Donaugh

# Petrified Wood

Hells Canyon  
'Herringbone Petrified Wood'  
Adams Co. Idaho



# Petrified Wood

Hells Canyon  
'Herringbone Petrified Wood'  
Adams Co. Idaho



# Petrified Wood

Hoodoo Basin  
Malheur Co. Oregon



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# Petrified Wood

Hoodoo Basin  
Malheur Co. Oregon



photo by Steven Speer

# Petrified Wood

Hubbard Basin

Elko Co. Nevada



photo by Steven Speer

# Petrified Wood

Hubbard Basin

Elko Co. Nevada



# Petrified Wood

Hubbard Basin

Elko Co. Nevada



Conifer



# Petrified Wood

Hubbard Basin

Elko Co. Nevada



Spruce



# Petrified Wood

Jackpot

Elko Co. Nevada



# Petrified Wood

John Day River  
North Fork  
Oregon



# Petrified Wood

Lolo Pass

Mount Hood National Forest

Clackamas Co. Oregon



# Petrified Wood

Lookout Point  
Lane Co. Oregon



# Petrified Wood

McDermitt  
Malheur Co. Oregon



Ash

# Petrified Wood

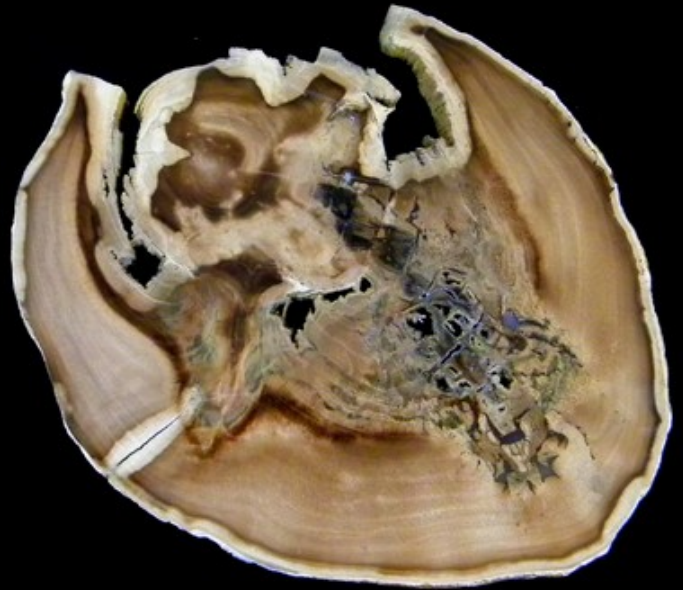
McDermitt  
Malheur Co. Oregon



Cherry

# Petrified Wood

McDermitt  
'Airport Site'  
Mahleur Co. Oregon



Cherry



# Petrified Wood

McDermitt  
Malheur Co. Oregon



Elm

# Petrified Wood

McDermitt  
Malheur Co. Oregon



Honeylocust

# Petrified Wood

McDermitt  
Malheur Co. Oregon



Juniper



# Petrified Wood

McDermitt  
Zimmerman Ranch  
Malheur Co. Oregon



# Petrified Wood

McDonald Ranch  
Ashwood, Jefferson Co. Oregon



# Petrified Wood

Post

Crook Co. Oregon



Sycamore

photos by Steven Speer

# Petrified Wood

Rattlesnake Hills  
Sulpher Springs Ranch  
Grant Co. Washington



Bald Cypress

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# Petrified Wood

Saddle Mountain  
Grant Co. Washington



Bald Cypress

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# Petrified Wood

Saddle Mountain  
Grant Co. Washington



# Petrified Wood

Saddle Mountain  
Grant Co. Washington



photo by Mel Hixson



photo by Dan Heuer

# Petrified Wood

Saddle Mountain  
Dendritic Wood aka 'Picture Wood'  
Grant Co. Washington



photos by Mel Hixson



photos by Charles Price

# Petrified Wood

Swartz Canyon  
Crook Co. Oregon



Elm

# Petrified Wood

Swartz Canyon

Crook Co. Oregon



Oak



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# Petrified Wood

Stinking Water  
Harney Co. Oregon



Oak



# Petrified Wood

Stinking Water  
Harney Co. Oregon



Oak

# Petrified Wood

Stinking Water  
Harney Co. Oregon



Winged Elm



# Petrified Wood

Sweet Home

Linn Co. Oregon



photos by Steven Speer

# Petrified Wood

Sweet Home  
Linn Co. Oregon



# Petrified Wood

Sweet Home  
Linn Co. Oregon



Birch

# Petrified Wood

Sweet Home

Linn Co. Oregon



Conifer

# Petrified Wood

Texas Springs  
Elko Co. Nevada

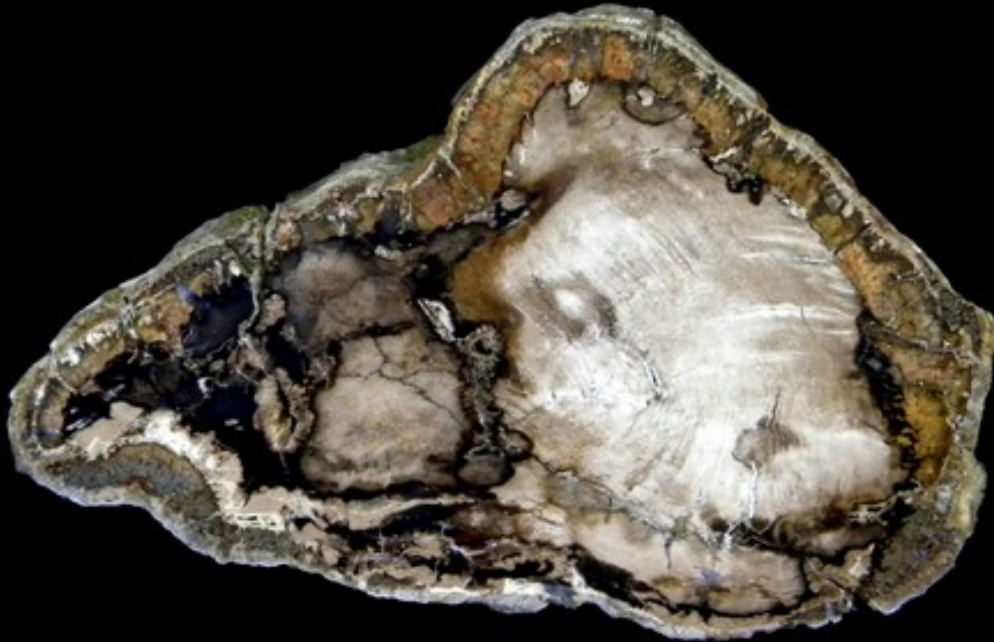


Elm

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# Petrified Wood

Tonopah  
Nye Co. Nevada



Juniper

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# Petrified Wood

Tuscarora  
Elko Co. Nevada



# Petrified Wood

## Vantage

Kittias Co. Washington



Elm



photo by Liz Donaugh



# Petrified Wood

Warm Springs Reservoir  
Harney/Malheur Co. Oregon



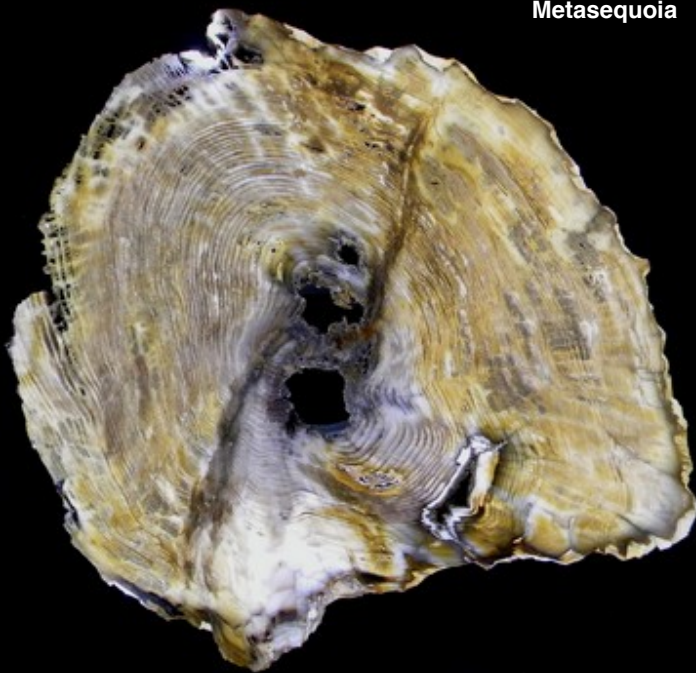
# Petrified Wood

Yakima

Yakima Co. Washington



Metasequoia



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# Petrified Wood

Yakima Ridge  
Yakima Co. Washington



Ginkgo

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# Limb Casts

## Congleton Hollow

aka 'South Fork Crooked River' and 'Paulina'  
Crook Co. Oregon



# Limb Casts

## Congleton Hollow

aka 'South Fork Crooked River' and 'Paulina'  
Crook Co. Oregon



# Limb Casts

## Congleton Hollow

aka 'South Fork Crooked River' and 'Paulina'  
Crook Co. Oregon



photo by Jason Hinkle

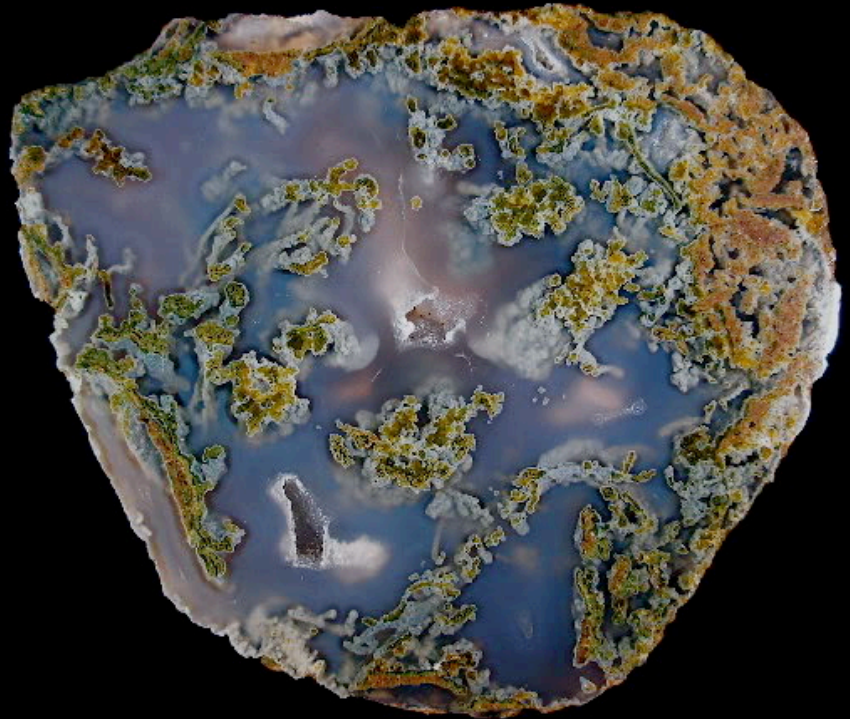


photos by Dan Heuer

# Limb Casts

## Congleton Hollow

aka 'South Fork Crooked River' and 'Paulina'  
Crook Co. Oregon



photos by Dan Heuer



photo by Michael Brown

# Limb Casts

Texas Springs  
Elko Co. Nevada



photo by Mel Hixson



photo by Lowell Foster



**Limb Casts**  
**Virgin Valley**  
**Opalized Wood**  
**Humboldt Co. Nevada**



photo by Steve Holmes



photos by Mel Hixson

# Limb Casts

Virgin Valley  
Opalized Wood  
Humboldt Co. Nevada



# Pine Cones

Virgin Valley  
Opalized Wood  
Humboldt Co. Nevada



# Pine Cones

Paulina

Crook Co. Oregon



## Section 2 : Thundereggs

### Thundereggs

- 71 - Black Rock Desert - NV
- 73 - Blue Moon - OR
- \*\* - Bruneau Jasper - ID (see 'picture jasper')
- 74 - Buchanan - OR
- 75 - Bully Creek Reservoir- OR
- 76 - Burma Road - WA
- 78 - Contact - NV
- 79 - Donnybrook - OR
- 81 - Dutch Donnybrook - OR
- 82 - Eddy Bed - OR
- 83 - Frieda Bed - OR
- 84 - Friend Ranch - OR
- 85 - H2L - OR
- 86 - Jackpot - NV
- 87 - Little Naches River - WA
- 88 - Lucky Strike - OR
- 90 - McDermitt - 'Baby Doe' - OR
- 91 - McDermitt - 'Calico Hills' - OR
- 93 - McDermitt - 'McDermitt Reservation' - OR

### Mill Creek Valley - OR

- 94 - 'Fallen Tree'
- 95 - 'Fred's Bed'
- 96 - 'Jeremy's Bed'
- 97 - 'Killer Green'
- 99 - 'Lemon Tree'
- 100 - 'Mill Creek'
- 101- 'Queen's Point'
- 102- 'White Rock Springs'

## Section 2 : Thundereggs

### Mill Creek Wilderness Area - OR

- 103 - 'Desolation Canyon'
- 104 - 'Sandy's Bed'
- 105 - 'TNT'
- 106 - 'Ochoco Agate Bed'
- 108 - 'Yellow Jacket'

- 109 - Opal Butte - OR
- 110 - Opal Creek - OR
- 111 - Pony Creek - OR
- 112 - Rabbit Springs - ID
- 113 - Radford Eggs - OR

### Richardson's Ranch - OR

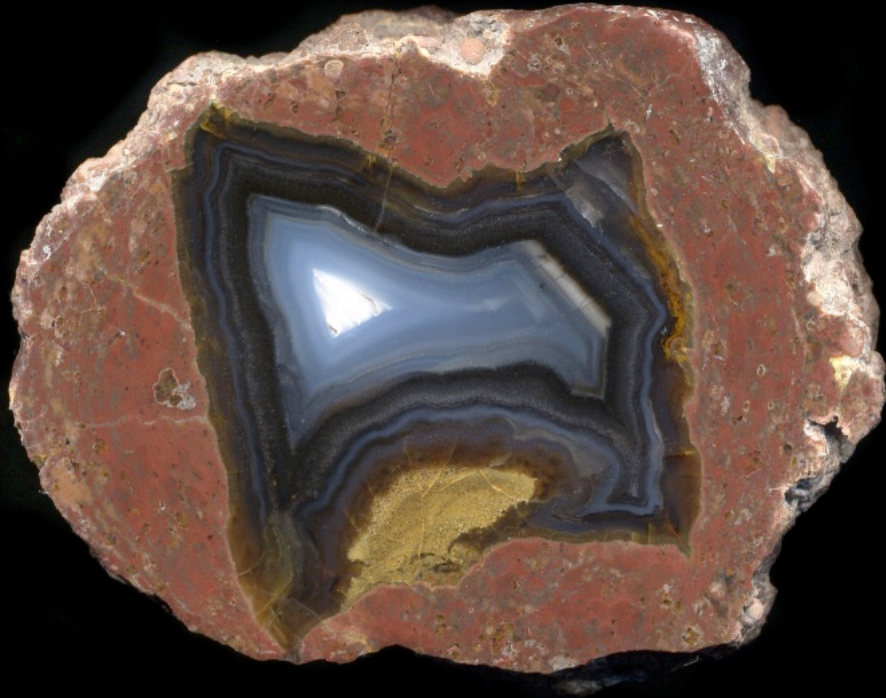
- 114 - 'Blue Beds'
- 117 - 'Moss Beds'
- 119 - 'Opal Beds'
- 120 - 'Pony Butte/Lawson Bed'
- 121 - 'Priday Plume Samples'
- 122 - 'Red Beds'

- 123 - Secret Ridge - OR
- 124 - Skull Springs - OR
- 125 - Star Boy - OR
- 126 - Succor Creek - OR
- 128 - Talkeetna Mountains - AK
- 130 - Thunderegg Matrix - WA
- 131 - Valley View - OR
- 132 - Warm Springs Reservation - OR
- 133 - White Fir - OR
- \*\*\* - Willow Creek - ID (see 'picture jasper')

# Thundereggs

Black Rock Desert

Humboldt Co. Nevada



# Thundereggs

Black Rock Desert  
Humboldt Co. Nevada



photo by Bob Rush



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# Thundereggs

## Blue Moon

R2 Ranch

Ashwood, Jefferson Co. Oregon

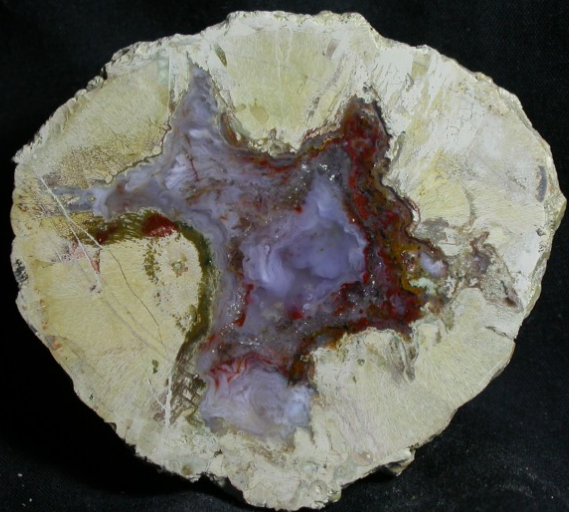
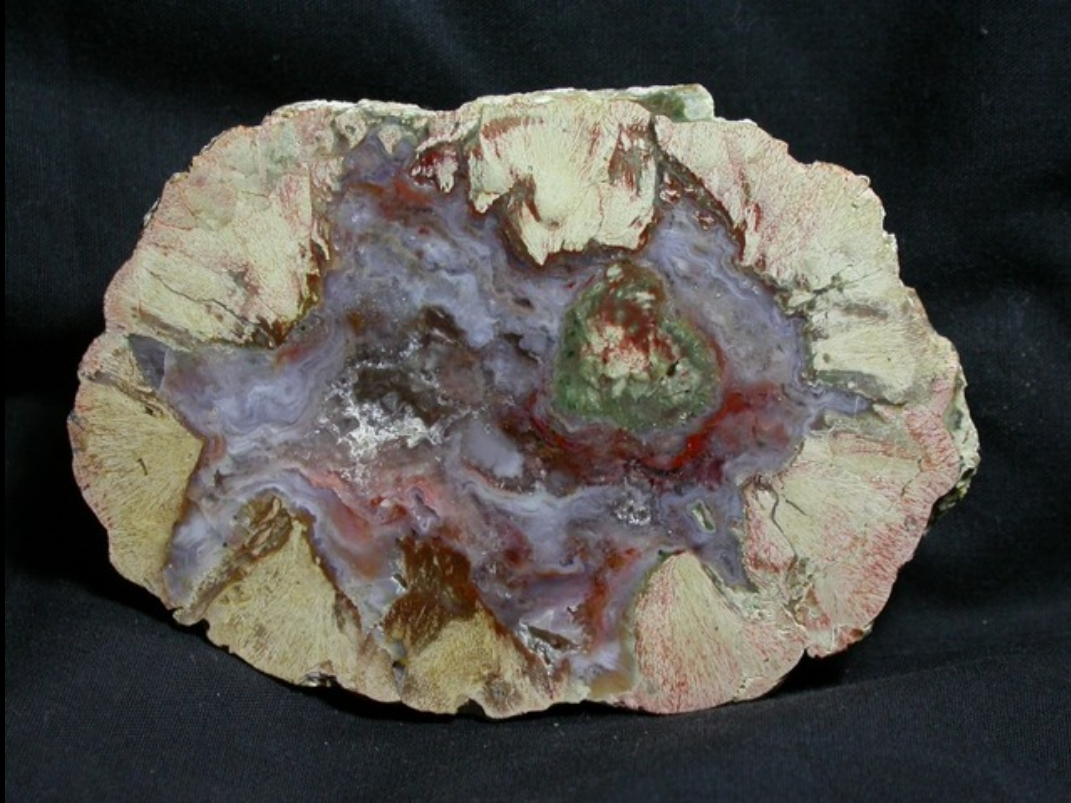


photos by Michael Brown

# Thundereggs

Buchanan

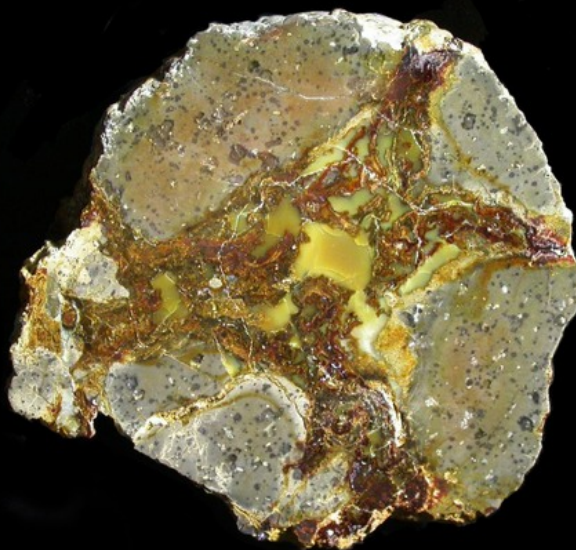
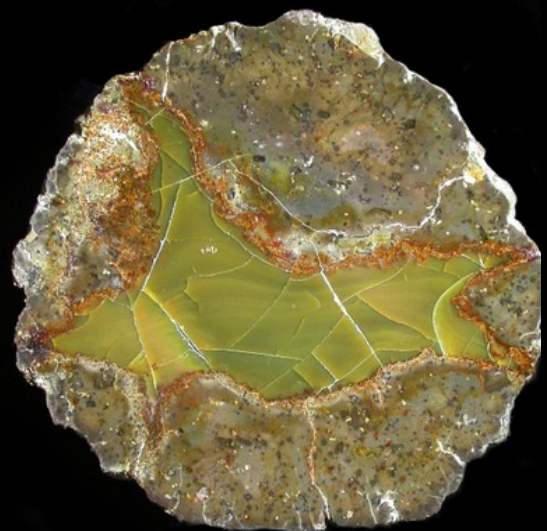
Buchanan Mines  
Harvey Co. Oregon



# Thunderegg

Bully Creek Reservoir

Malheur Co. Oregon



photos by David Rix

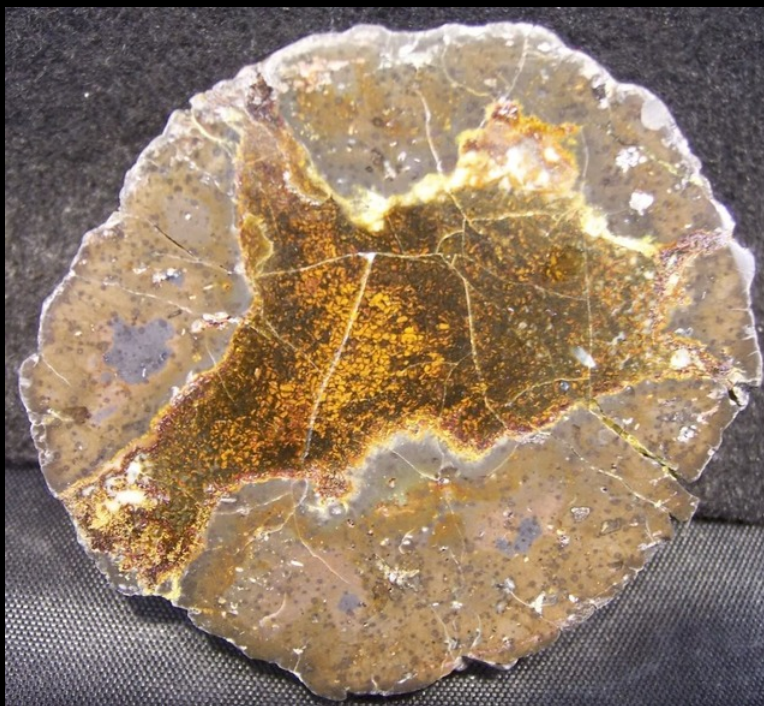


photo by Jason Hinkle

# Thundereggs

Burma Road  
aka "White River"

Enumclaw  
King Co. Washington



# Thundereggs

Burma Road  
aka "White River"

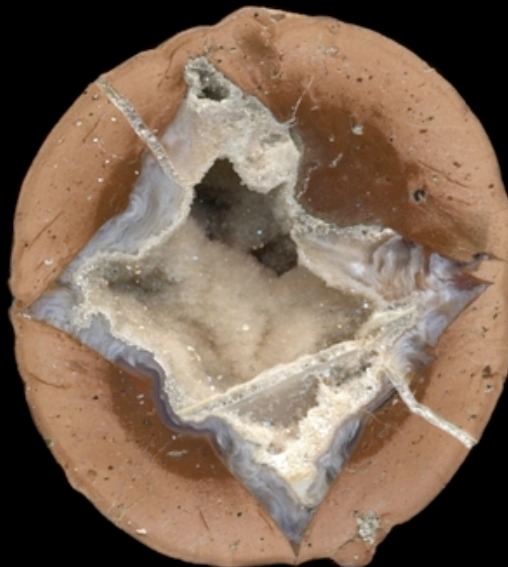
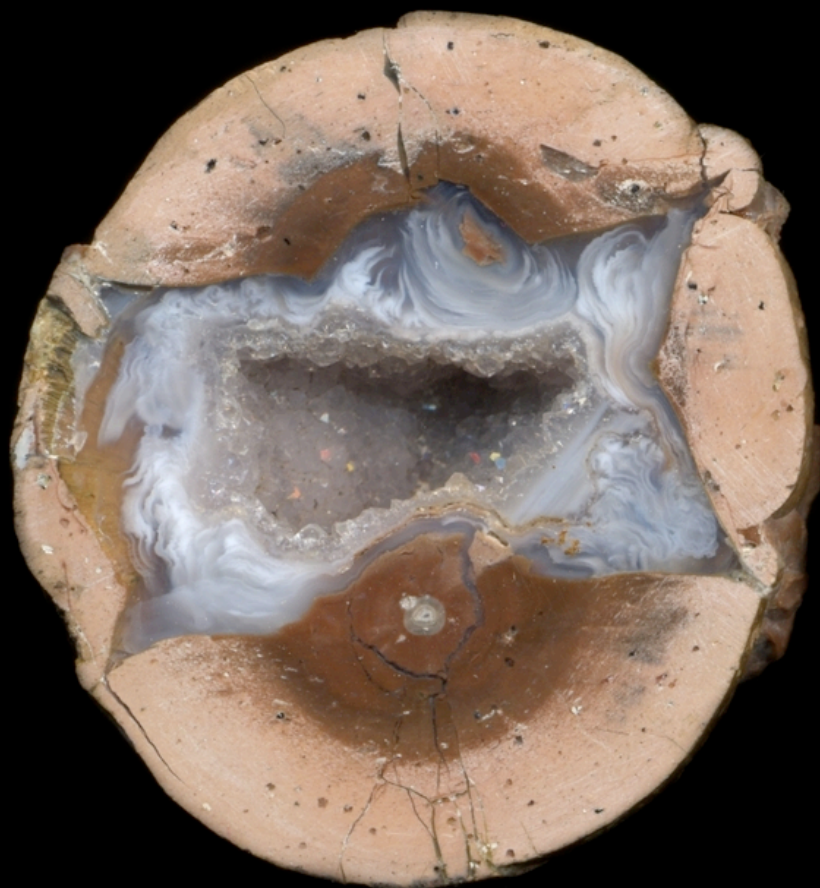
Enumclaw  
King Co. Washington



# Thundereggs

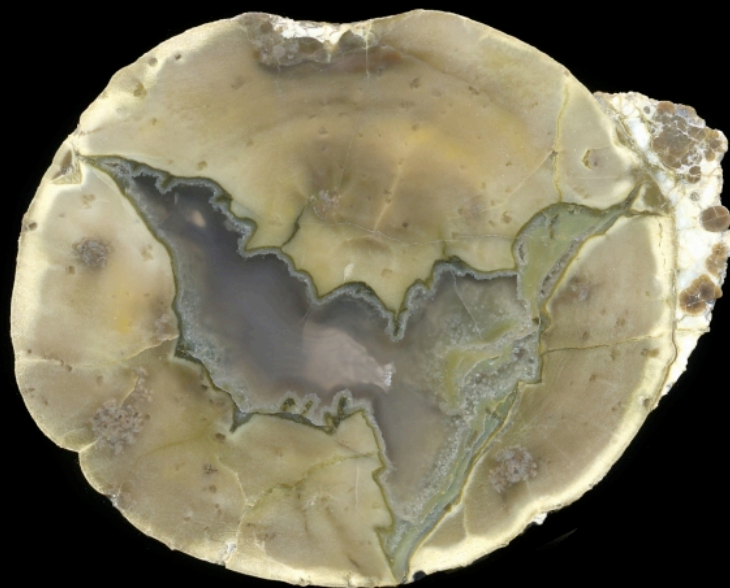
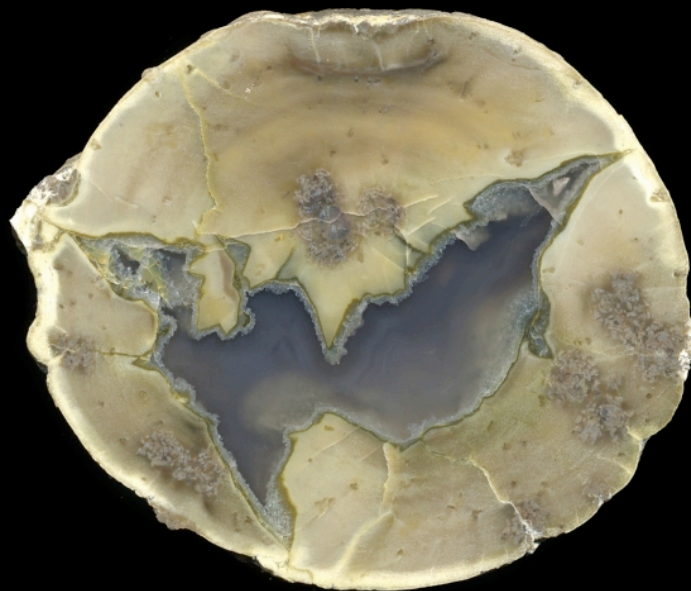
## Contact

Elko Co. Nevada



# Thundereggs

Donnybrook  
Antelope  
Jefferson Co. Oregon

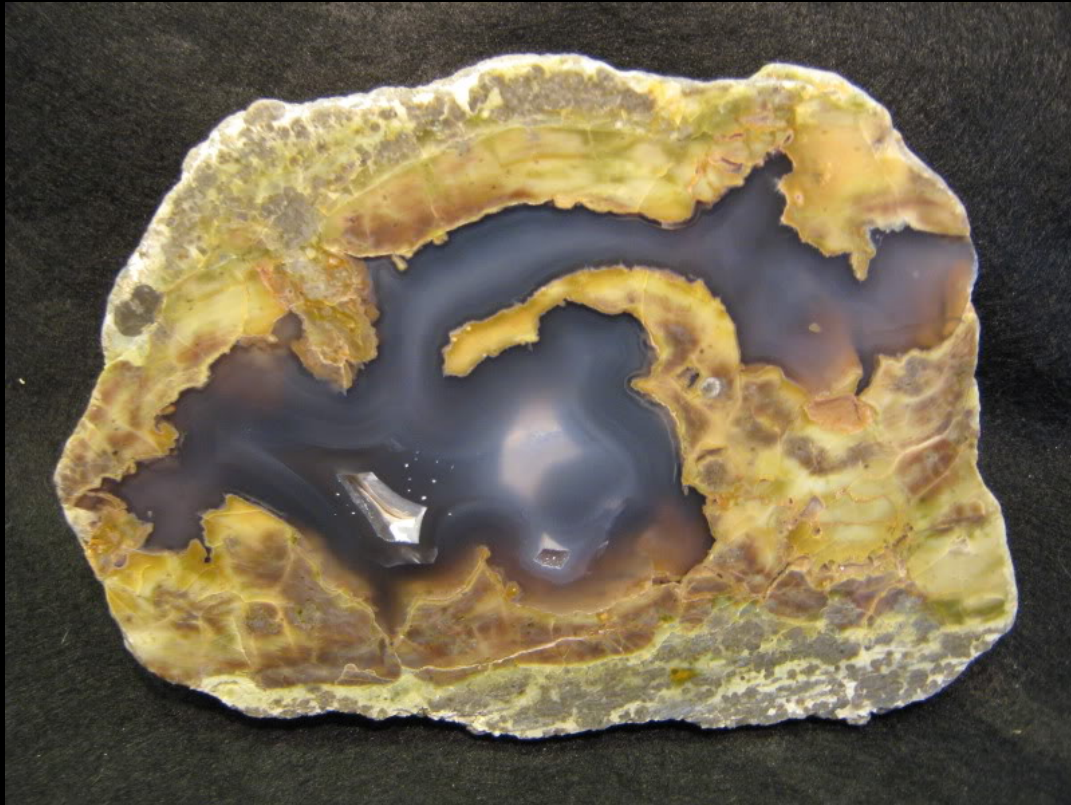


# Thundereggs

Donnybrook

Antelope

Jefferson Co. Oregon



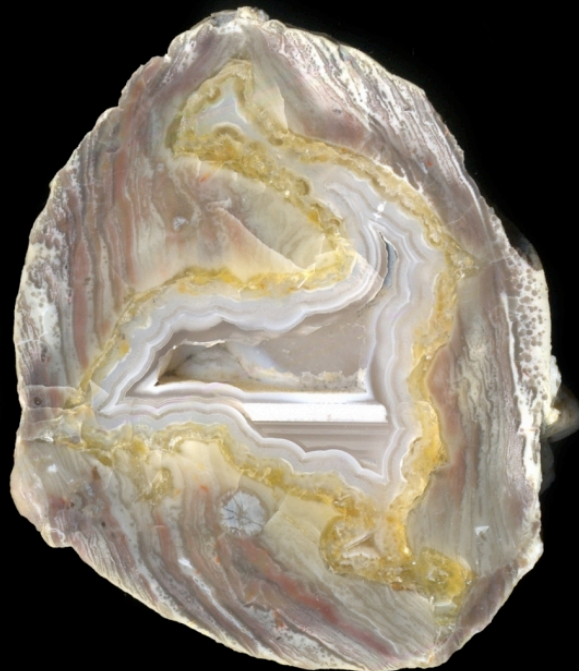
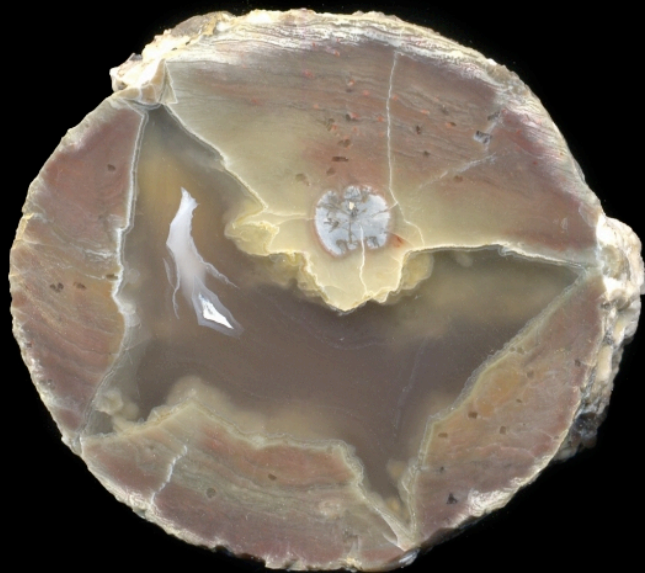


# Thundereggs

Dutch Donnybrook

Antelope

Jefferson Co. Oregon



# Thundereggs

Eddy Bed  
Wildcat Mountains  
Crook Co. Oregon



# Thundereggs

## Frieda Bed

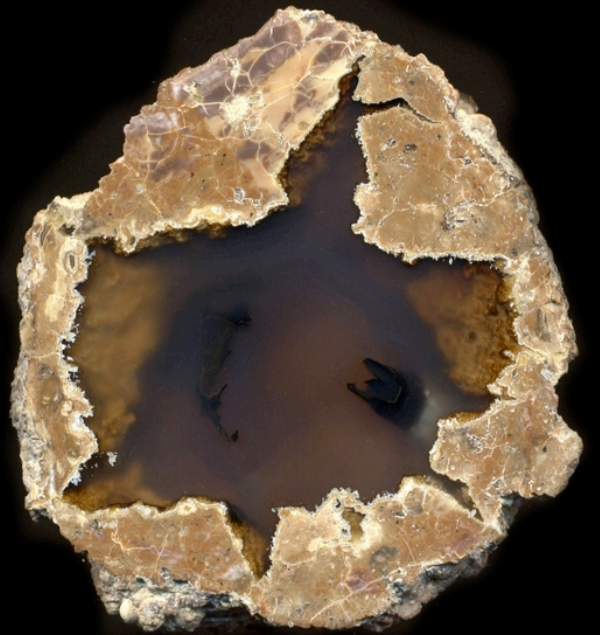
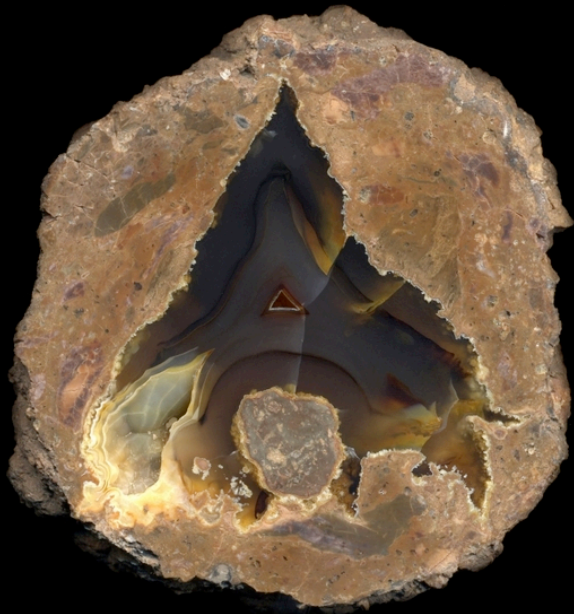
Deschutes River, near Maupin,  
Wasco Co. Oregon



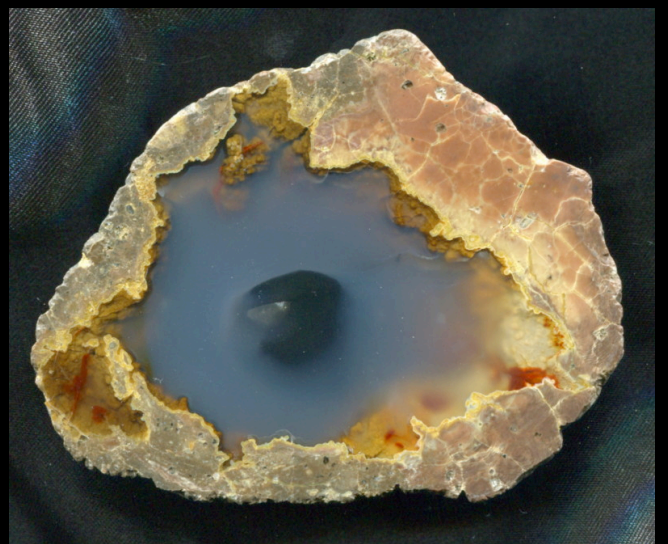
# Thundereggs

## Friend Ranch

Ashwood, Jefferson Co. Oregon



photos by David Rix



photos by Jason Hinkle

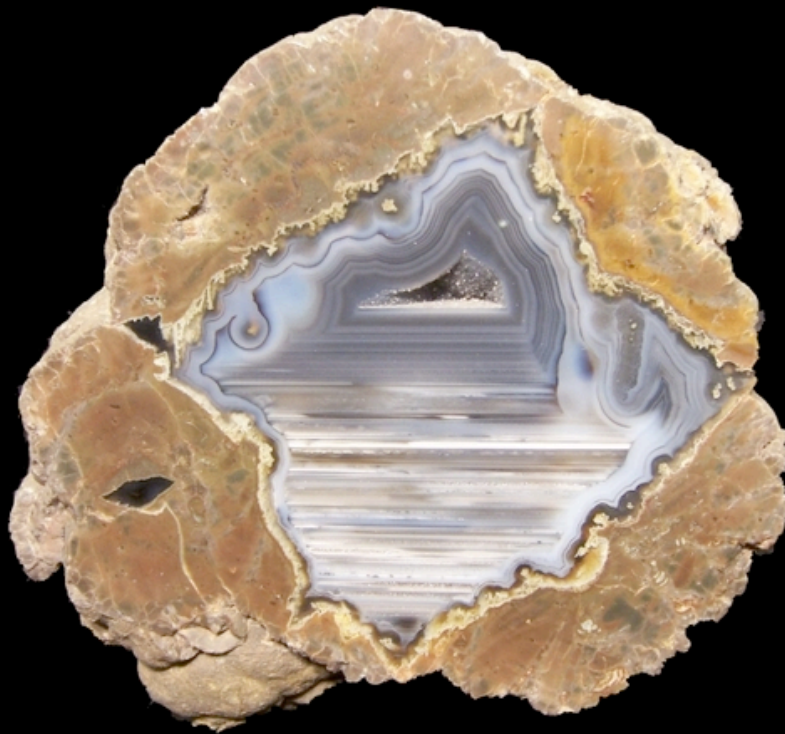
# Thunderegg

H2L

aka 'Josephine Beds'

NE of Prineville, Crook Co.

Ochoco Mtns, Oregon



# Thundereggs

Jackpot

Elko Co. Nevada



# Thundereggs

Little Naches River

Yakima, Yakima Co. Washington

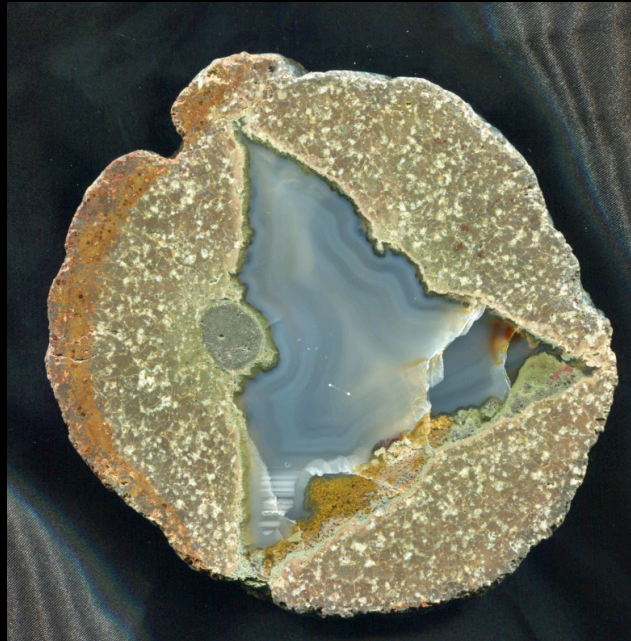


# Thunderegg

## Lucky Strike

Crook Co.

Ochoco Mtns. Oregon



photos by Jason Hinkle



photo by Mel Hixson



# Thundereggs

## Lucky Strike

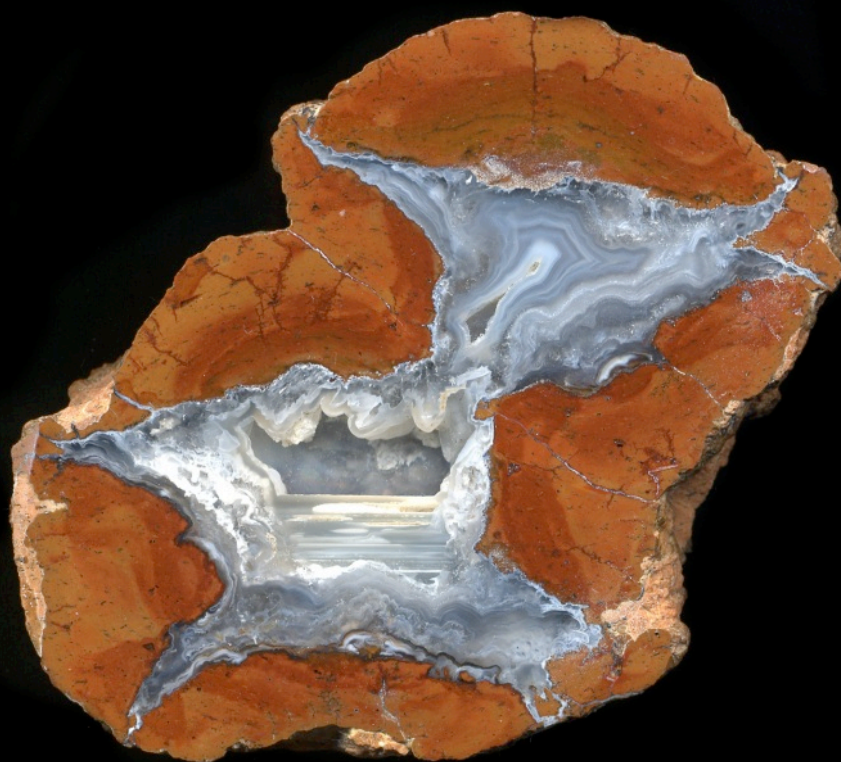
Crook Co.

Ochoco Mtns. Oregon



# Thunderegg

McDermitt  
'Baby Doe'  
Malheur Co. Oregon

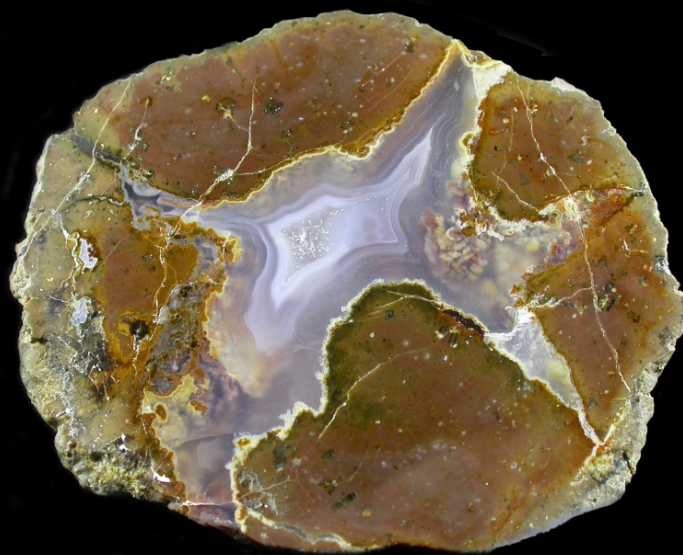
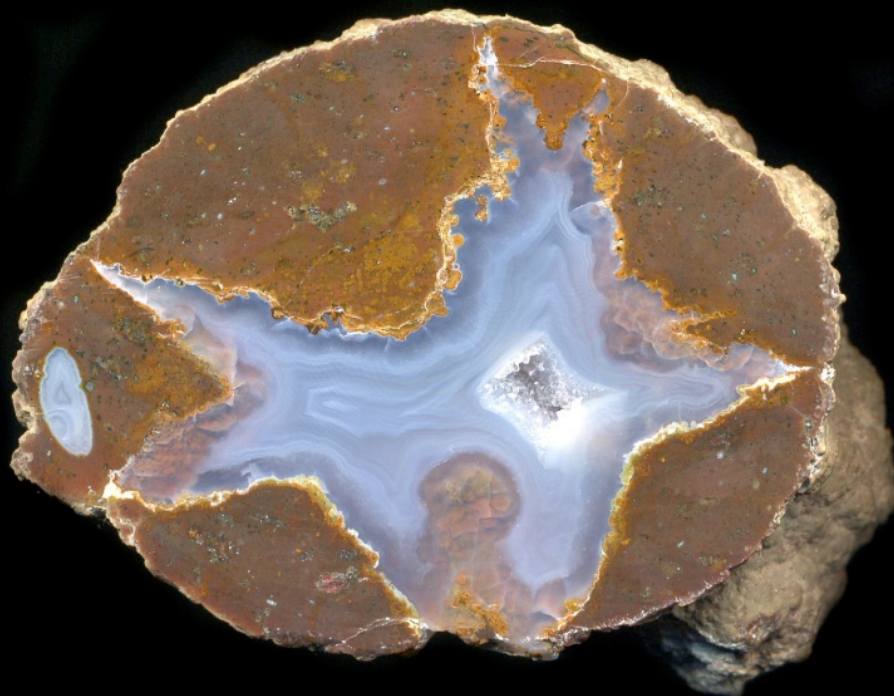


# Thunderegg

McDermitt

'Calico Hills/Mountains'

Malheur Co. Oregon

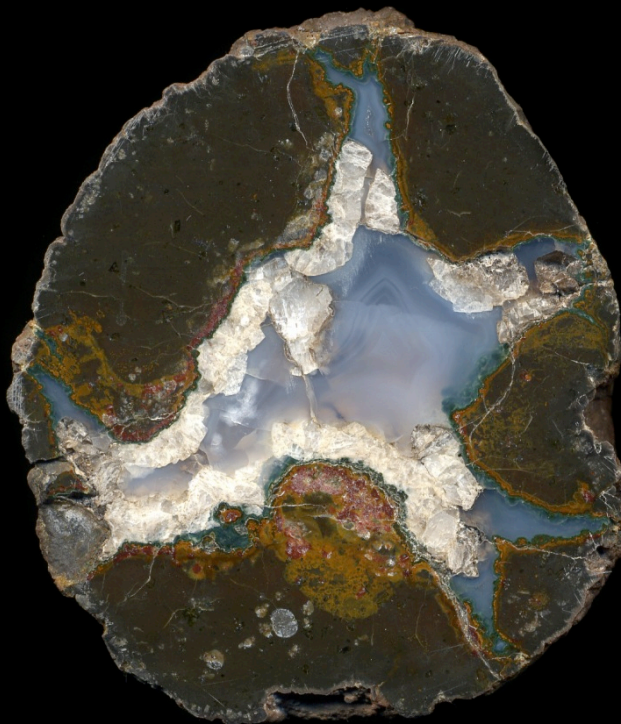
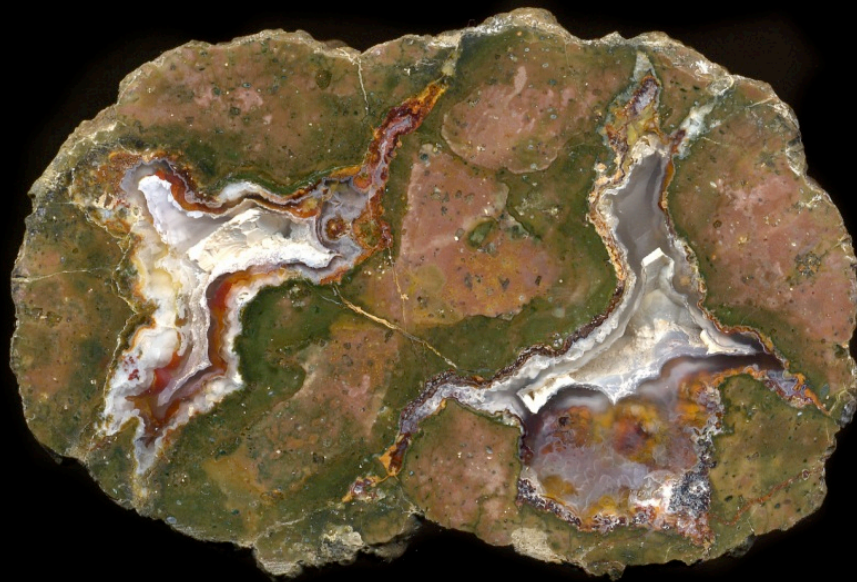


# Thundereggs

McDermitt

'Calico Hills/Mountains'

Malheur Co. Oregon

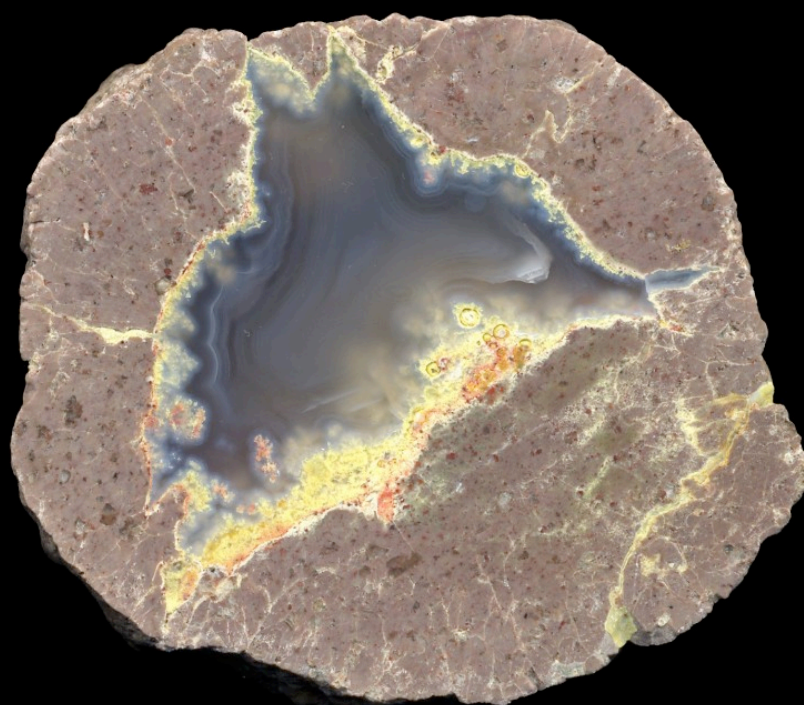


# Thunderegg

McDermitt

'Red Wing/McDermitt Reservation'

Malheur Co. Oregon



# Thundereggs

Mill Creek Valley  
'Fallen Tree'

Ochoco Mtns, Crook Co. Oregon



# Thundereggs

Mill Creek Valley

'Fred's Bed'

Ochoco Mtns, Crook Co. Oregon

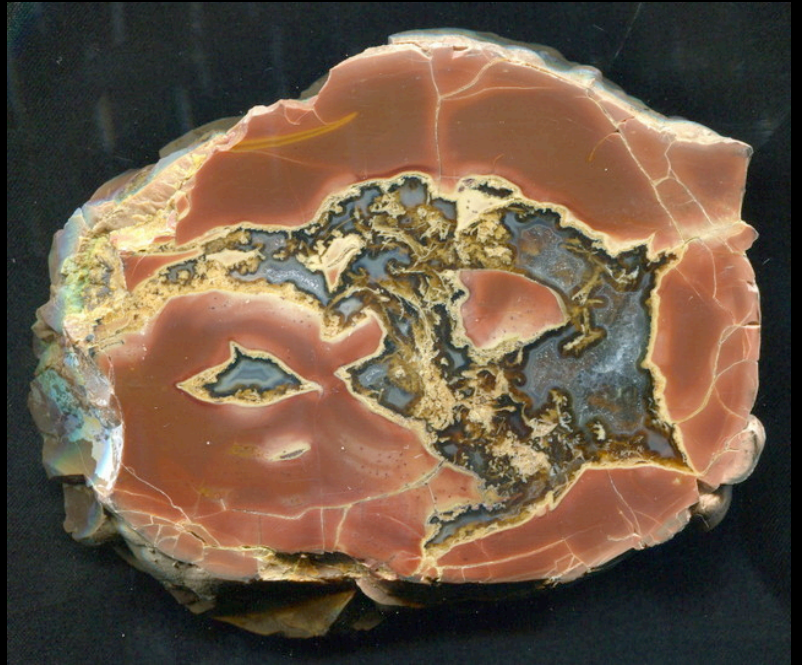
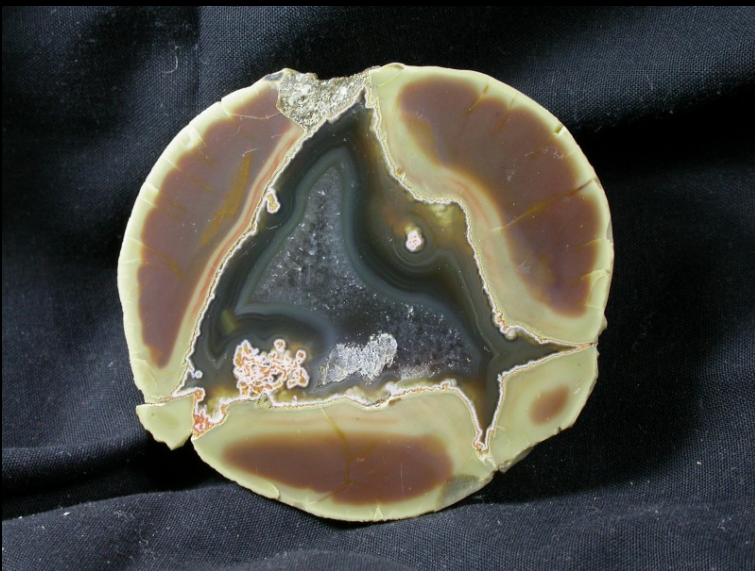


photo by Jason Hinkle



photos by David Rix

# Thundereggs

Mill Creek Valley  
'Jeremy's Bed' aka 'Dry Creek'  
Ochoco Mtns, Crook Co. Oregon





# Thundereggs

Mill Creek Valley  
'Killer Green' aka 'Harvey Gap'  
Ochoco Mtns, Crook Co. Oregon

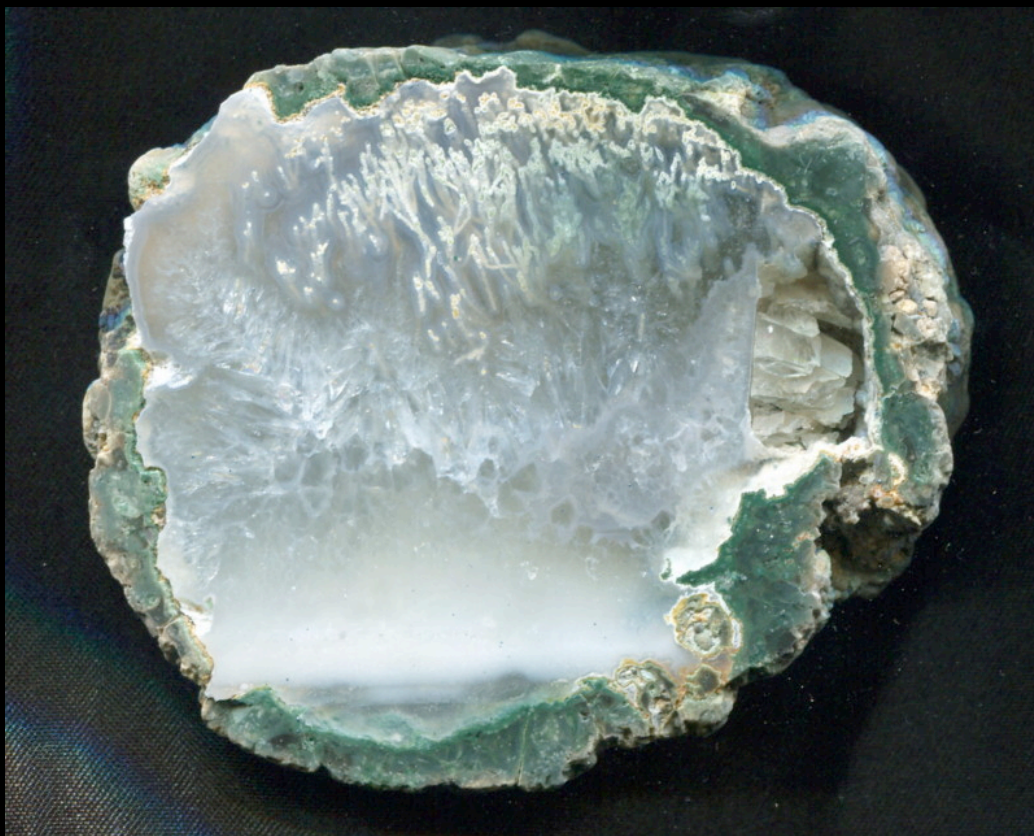


photo by Jason Hinkle



photo by Liz Donaugh

# Thundereggs

Mill Creek Valley  
'Killer Green' aka 'Harvey Gap'  
Ochoco Mtns, Crook Co. Oregon

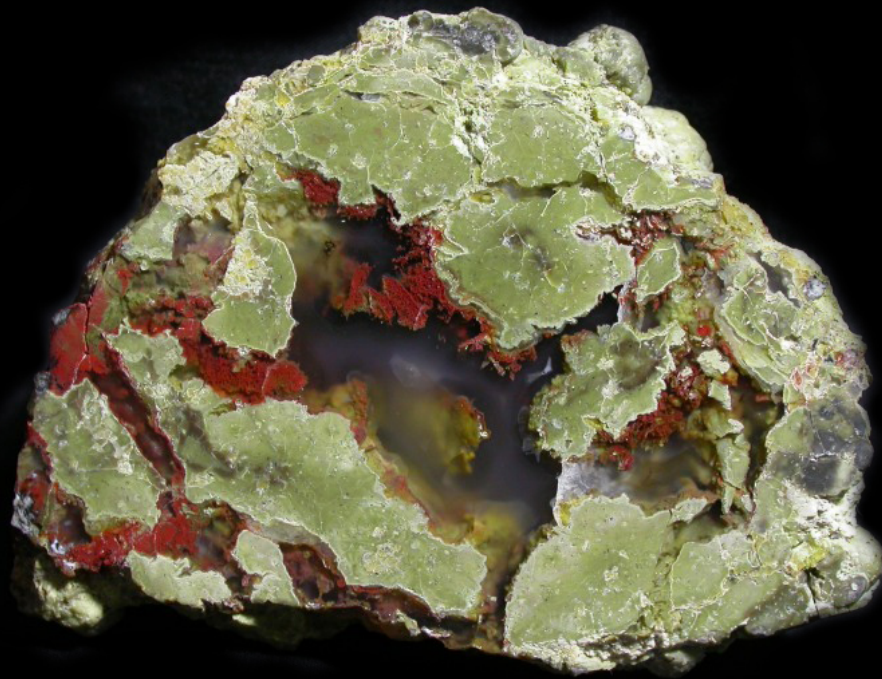


# Thundereggs

Mill Creek Valley

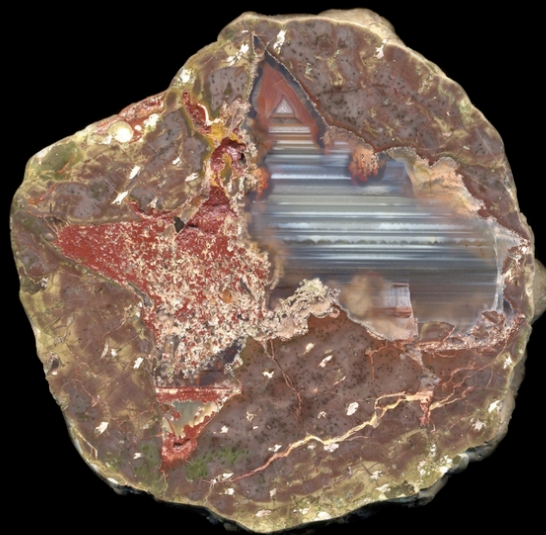
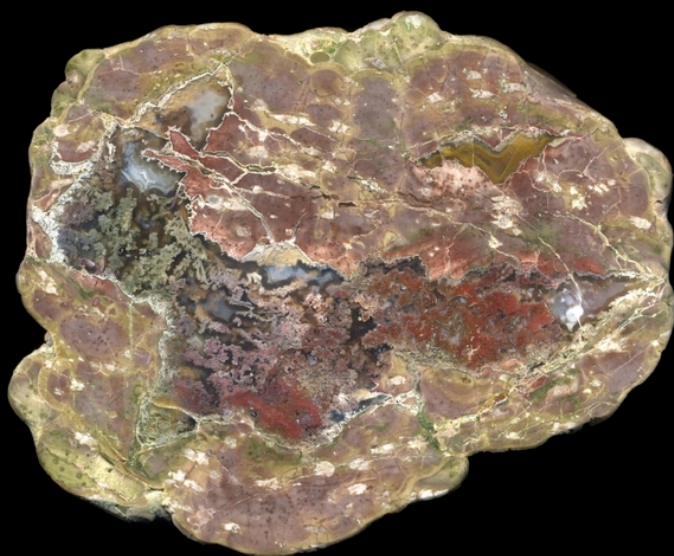
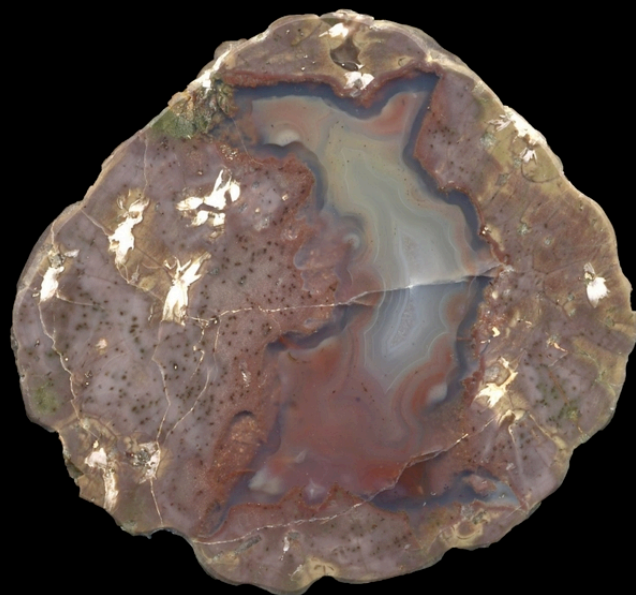
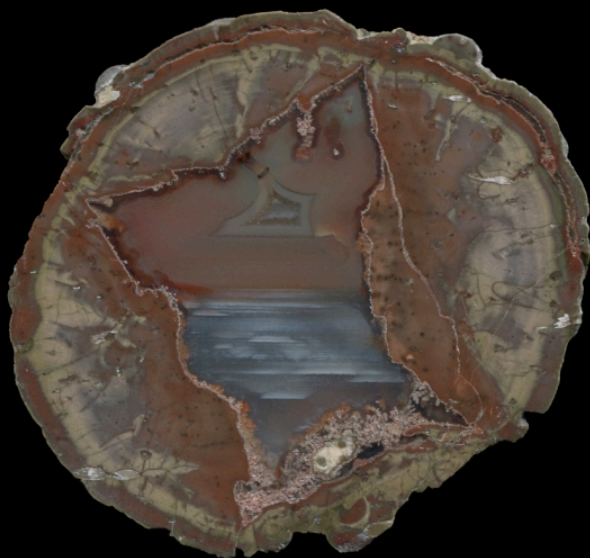
'Lemon Tree'

Ochoco Mtns, Crook Co. Oregon



# Thundereggs

Mill Creek Valley  
'Mill Creek' aka 'Stein's Pillar'  
Ochoco Mtns, Crook Co. Oregon



# Thundereggs

Mill Creek Valley  
'Queen's Point'

Ochoco Mtns, Crook Co. Oregon

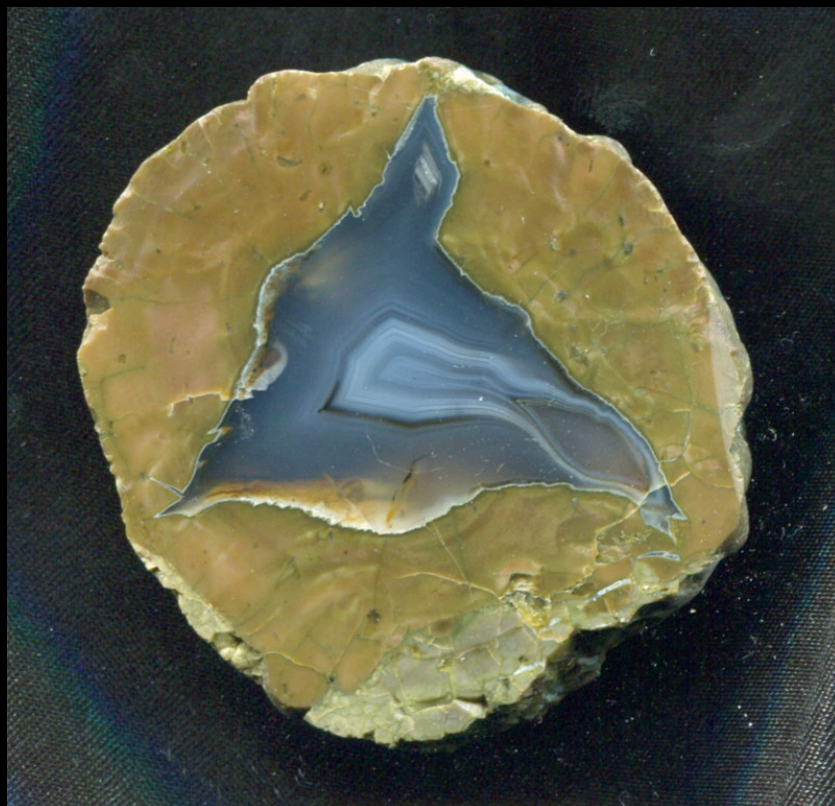
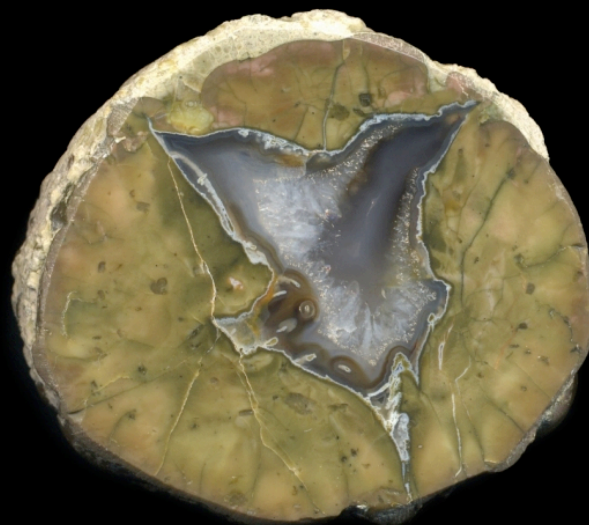
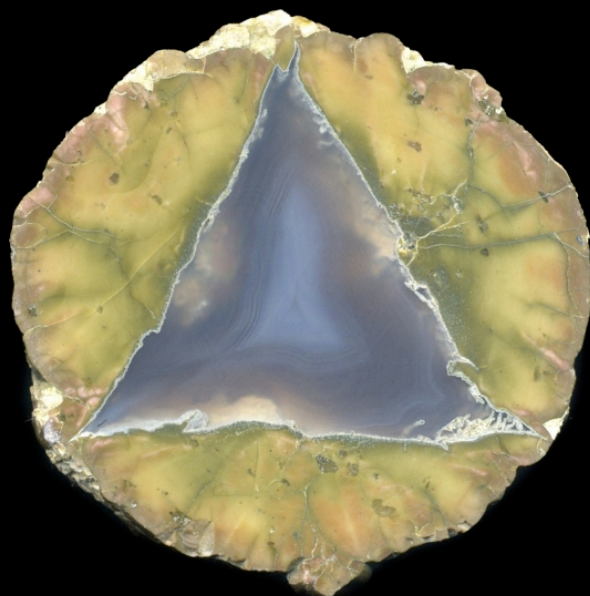


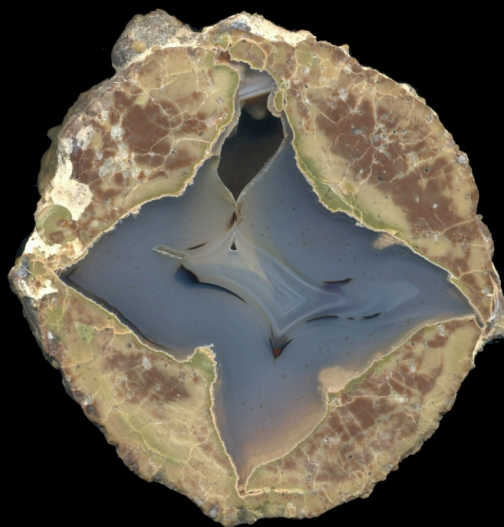
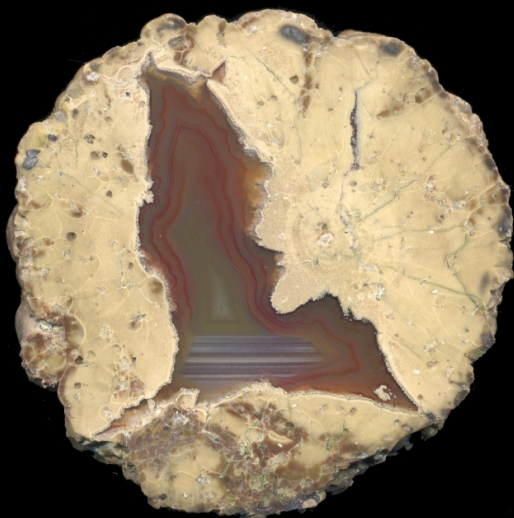
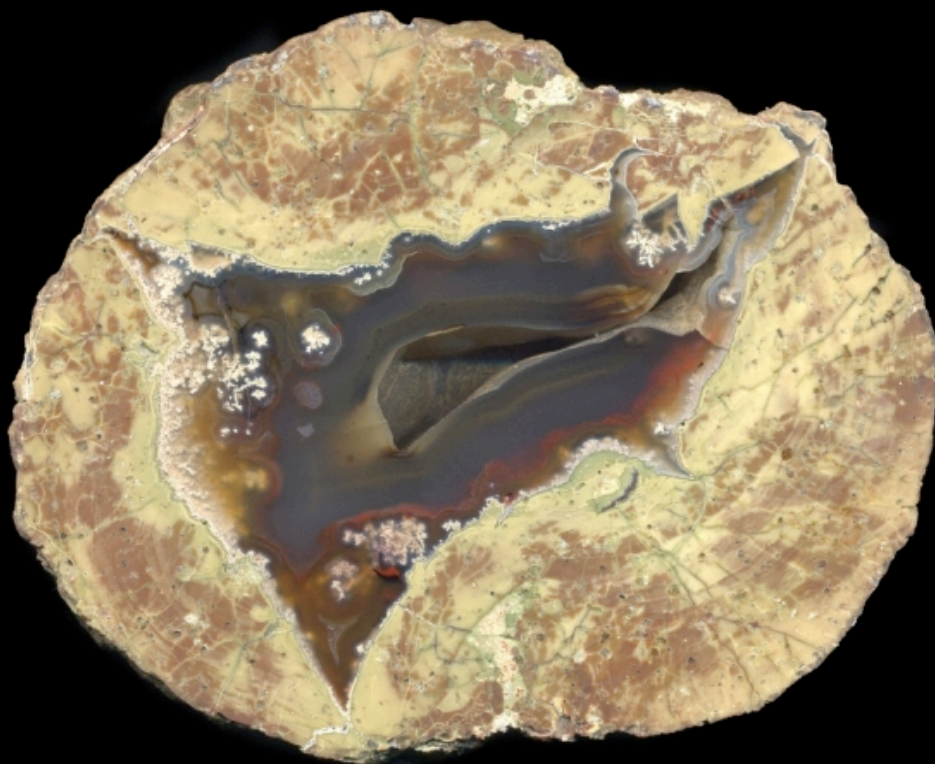
photo by Jason Hinkle



photos by David Rix

# Thundereggs

Mill Creek Valley  
'White Rock Springs'  
Ochoco Mtns, Crook Co. Oregon



# Thundereggs

Mill Creek Wilderness Area

‘Desolation Canyon’

includes ‘Bear Springs’, ‘Smokey Blue’,  
‘Sleeping Beauty’, ‘Fly Ridge’, ‘Lavish Lady’,  
& ‘Tamarack 1 & 2’  
Crook Co. Oregon

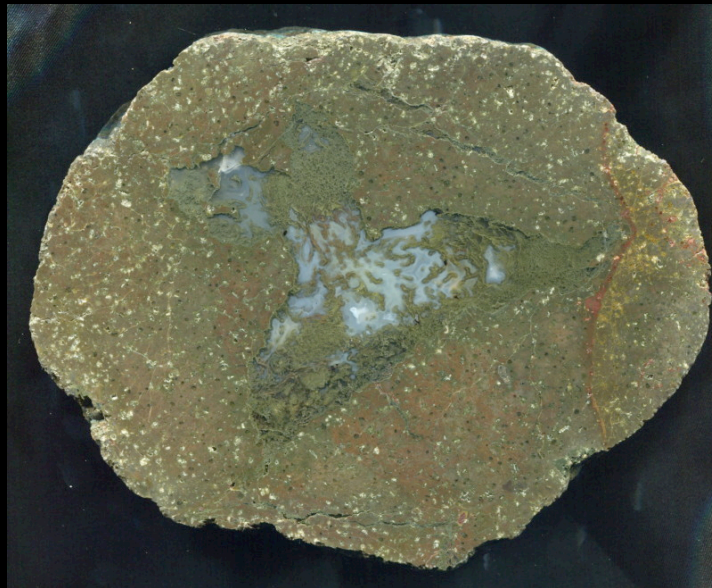


photo by Jason Hinkle

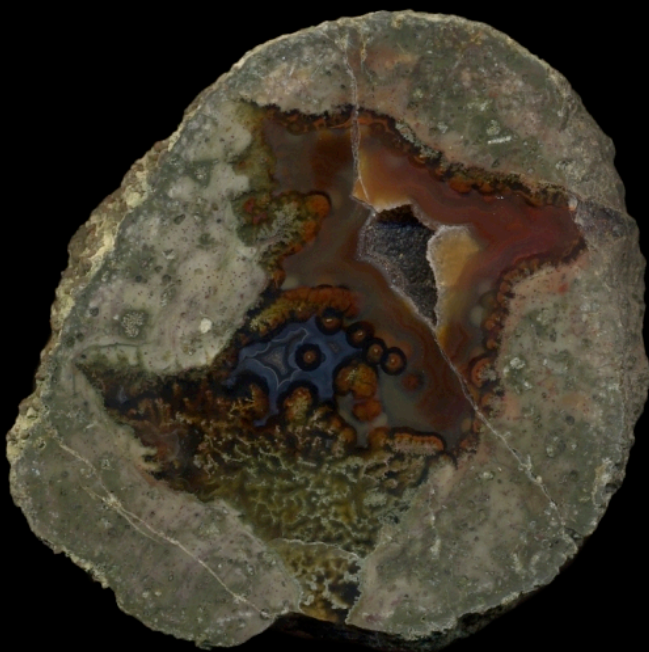
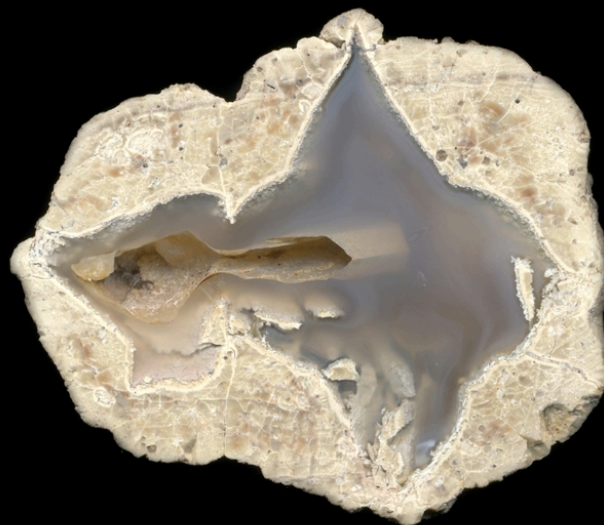
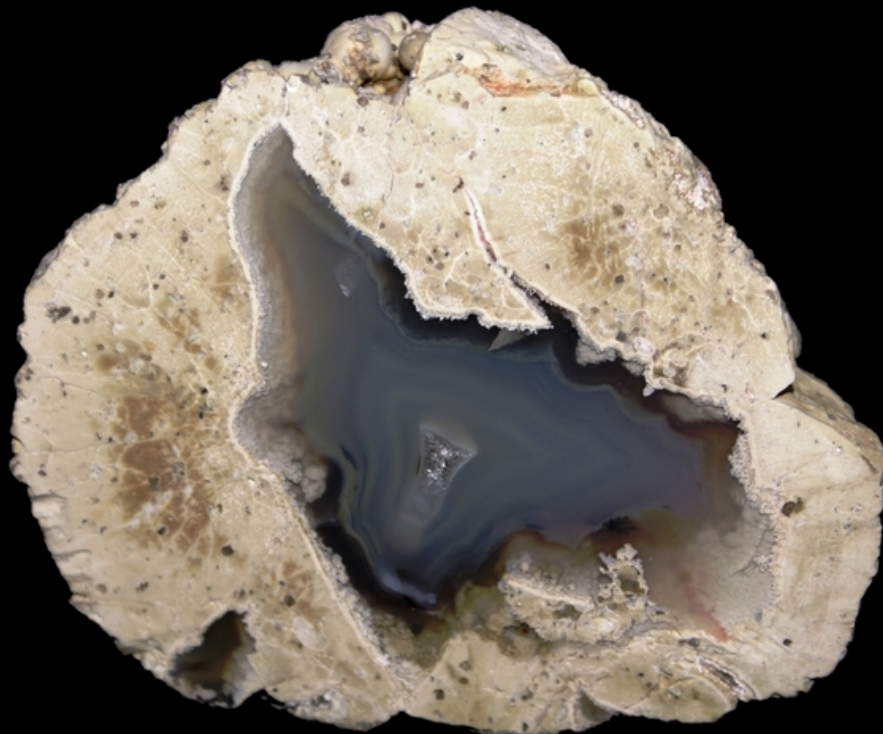


photo by David Rix

# Thundereggs

Mill Creek Wilderness Area  
'Sandy Bed' aka 'Sandy's Bed'  
Crook Co. Oregon



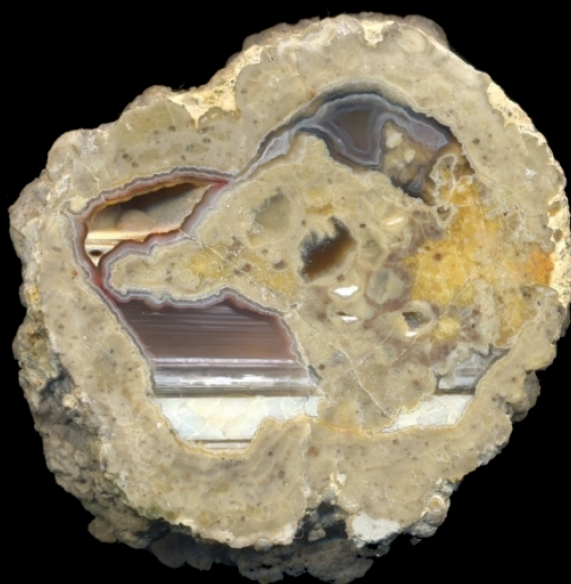
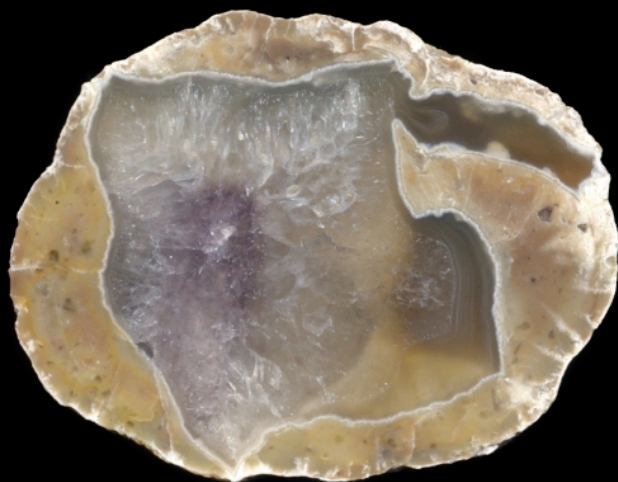
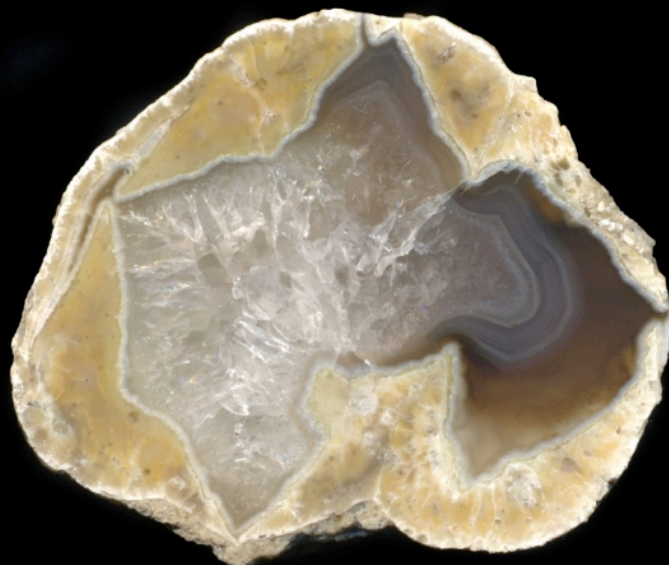


# Thundereggs

Mill Creek Wilderness Area

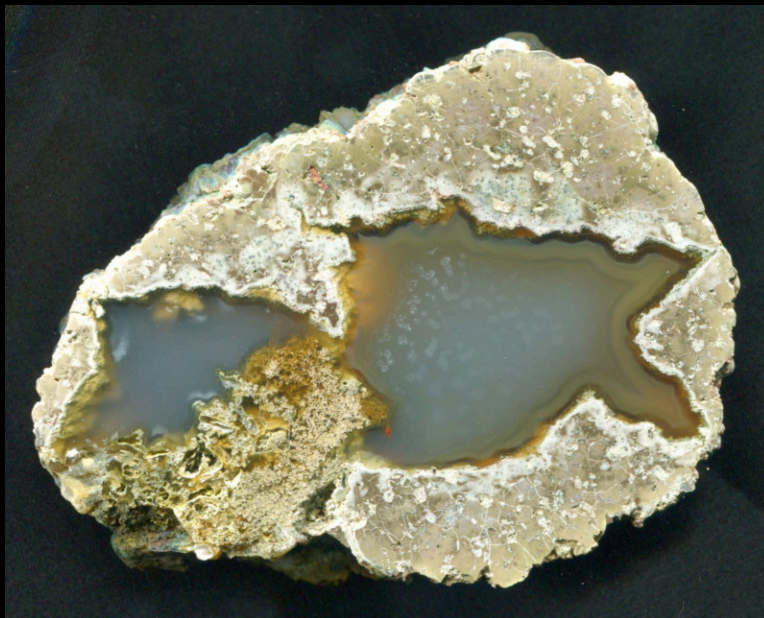
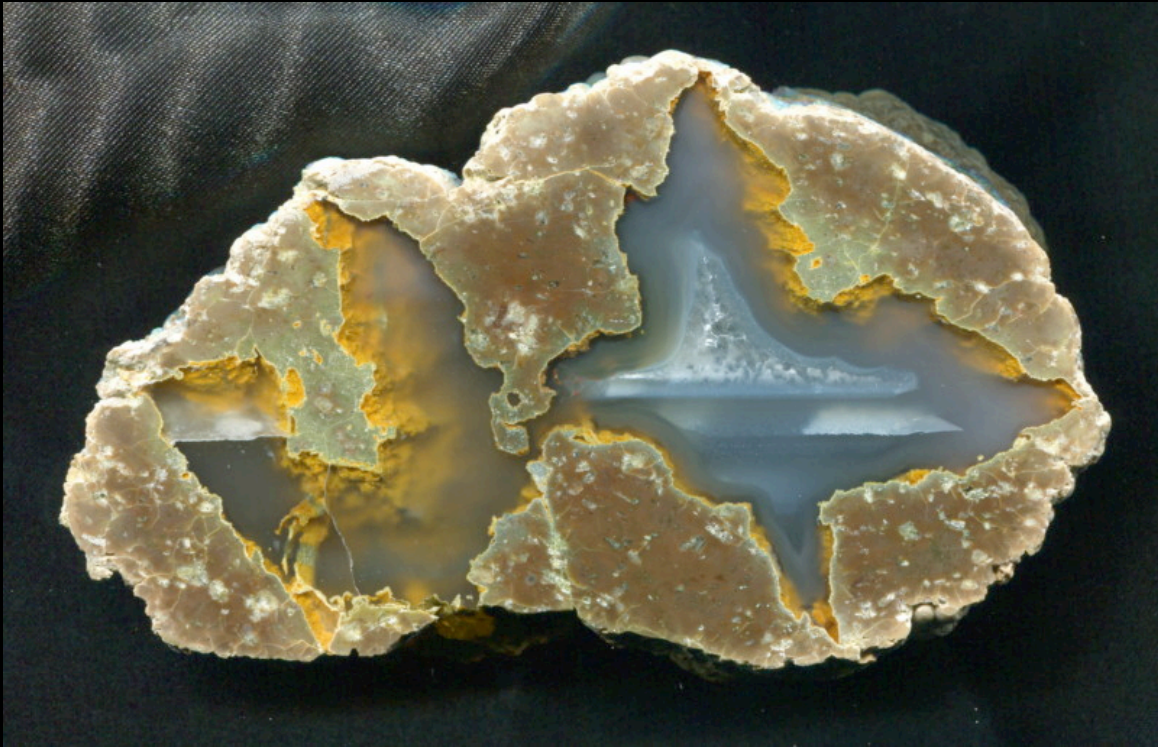
'TNT' aka 'T&T'

Crook Co. Oregon



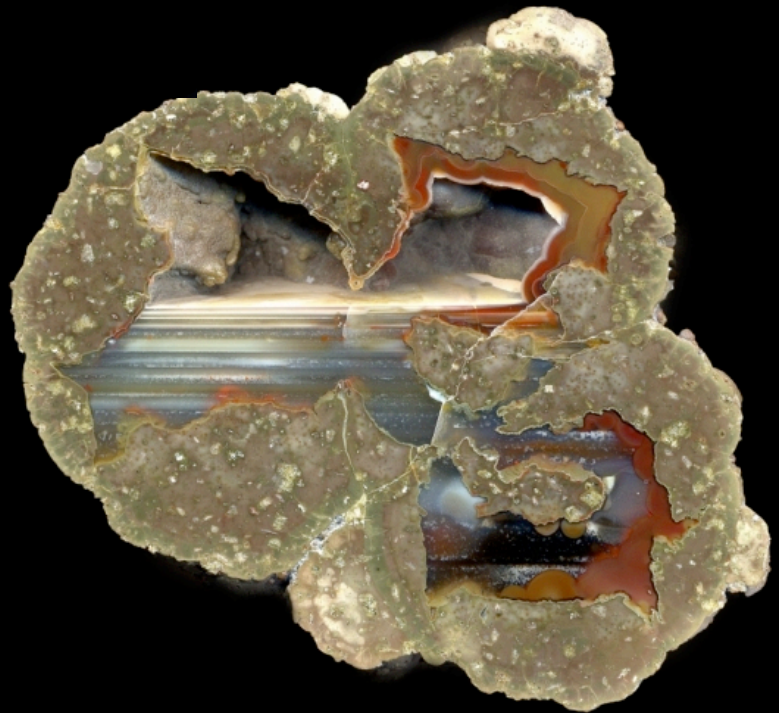
# Thundereggs

Mill Creek Wilderness Area  
'Ochoco Agate Bed' aka 'Old Viewpoint',  
'Viewpoint', & 'TVGC'  
Crook Co. Oregon



# Thundereggs

Mill Creek Wilderness Area  
'Ochoco Agate Bed' aka 'Old Viewpoint',  
'Viewpoint', & 'TVGC'  
Crook Co. Oregon



# Thundereggs

Mill Creek Wilderness Area  
'Yellow Jacket'  
Crook Co. Oregon

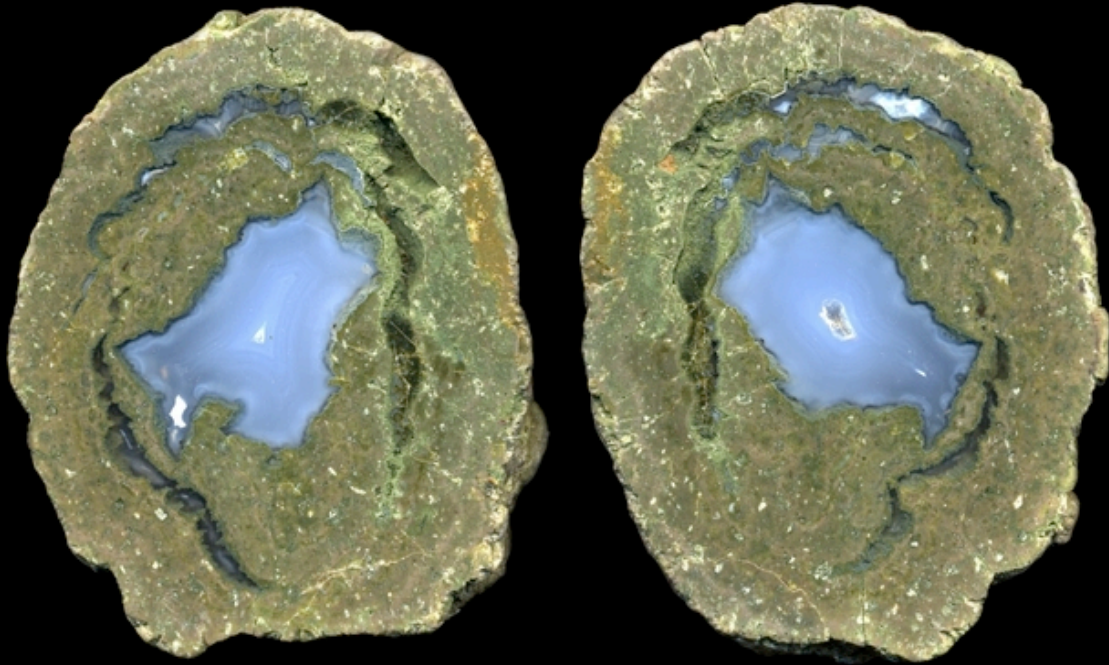


photo by David Rix



photo by Jason Hinkle

# Thunderegg

Opal Butte  
South of Heppner  
Morrow Co. Oregon



photos by Liz Donaugh



photo by Yurila

**Thunderegg**  
**Opal Creek**  
Antelope  
Jefferson Co. Oregon



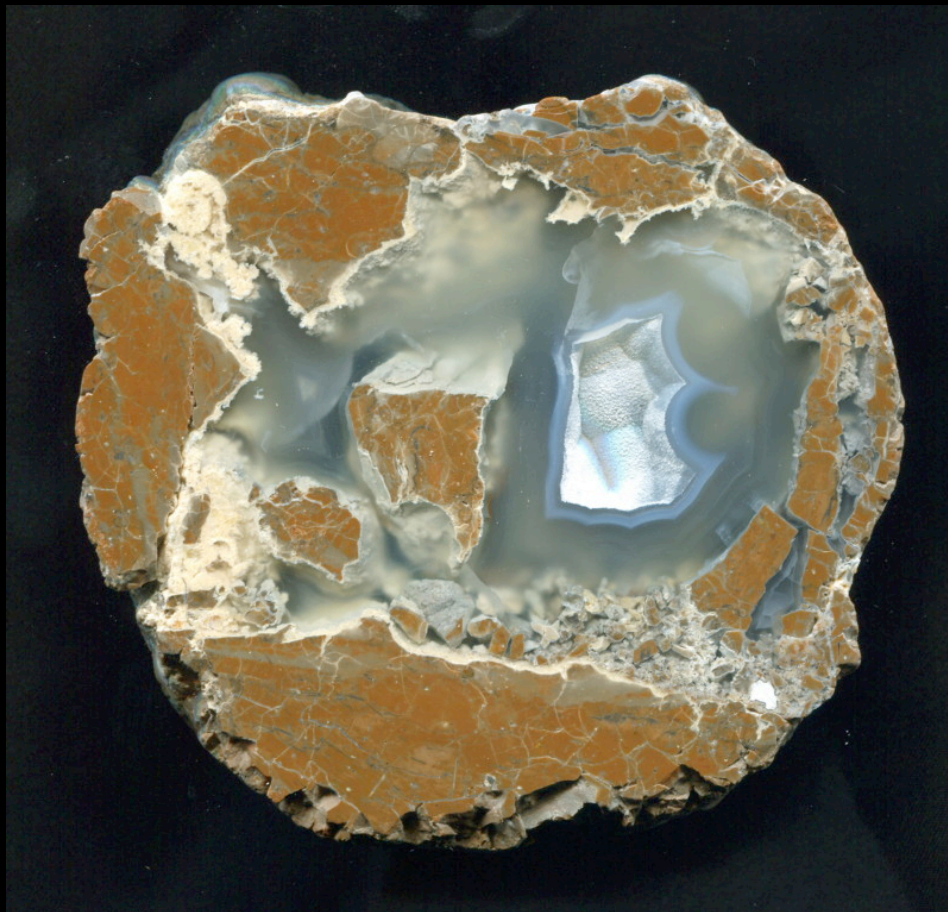
photo by Jason Hinkle



photo by David Rix

# Thunderegg

Pony Creek  
Ochs Ranch  
Jefferson Co. Oregon



# Thundereggs

## Rabbit Springs

Owyhee Co. Idaho





# Thundereggs

## Radford Eggs

Summit of Ochoco Cone  
Near Whistler's Springs  
Crook Co. Oregon

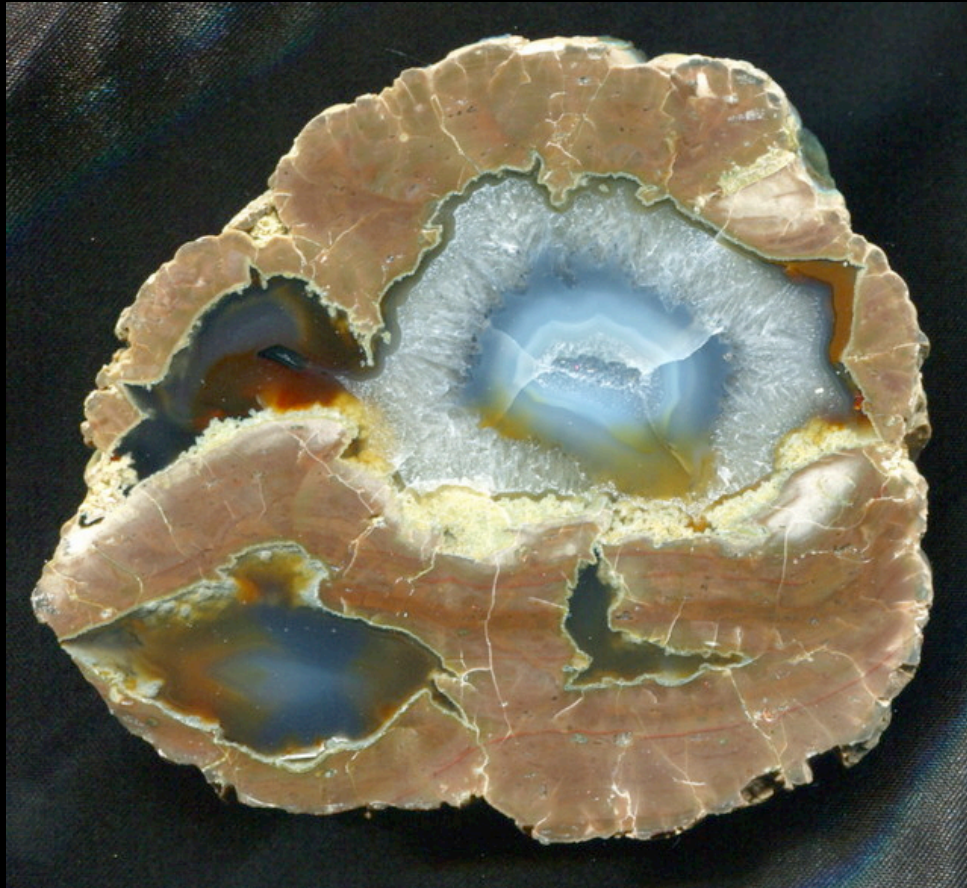


photo by Jason Hinkle



photo by David Rix

# Thundereggs

Richardson's Ranch  
'Blue Beds' aka 'Old Friday'  
Madras, Jefferson Co. Oregon



photo by David Rix

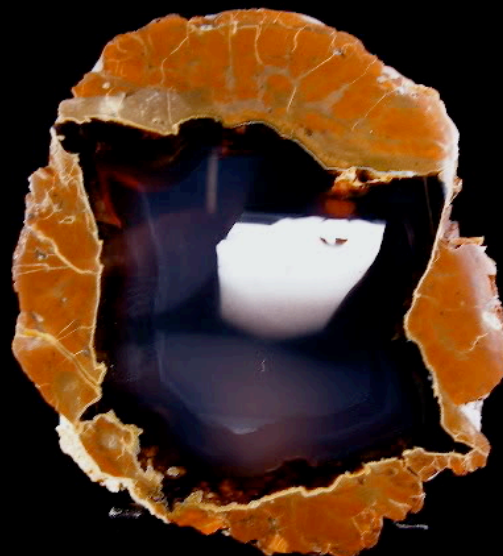
photos by Mel Hixson

# Thundereggs

Richardson's Ranch  
'Blue Beds' aka 'Old Friday'  
Madras, Jefferson Co. Oregon



photo by Jason Hinkle



photos by Dan Heuer

# Thundereggs

Richardson's Ranch  
'Blue Beds' aka 'Old Friday'  
Madras, Jefferson Co. Oregon



# Thundereggs

Richardson's Ranch

'Moss Beds'

Madras, Jefferson Co. Oregon

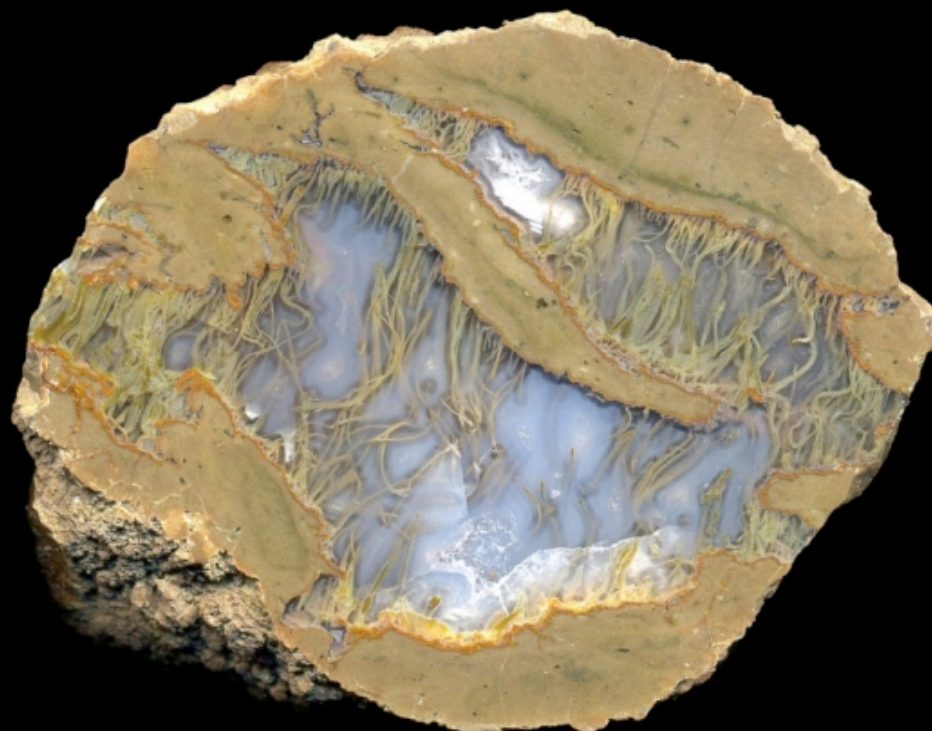


photo by David Rix



photos by Stoneviews.com

# Thundereggs

Richardson's Ranch

'Moss Beds'

Madras, Jefferson Co. Oregon

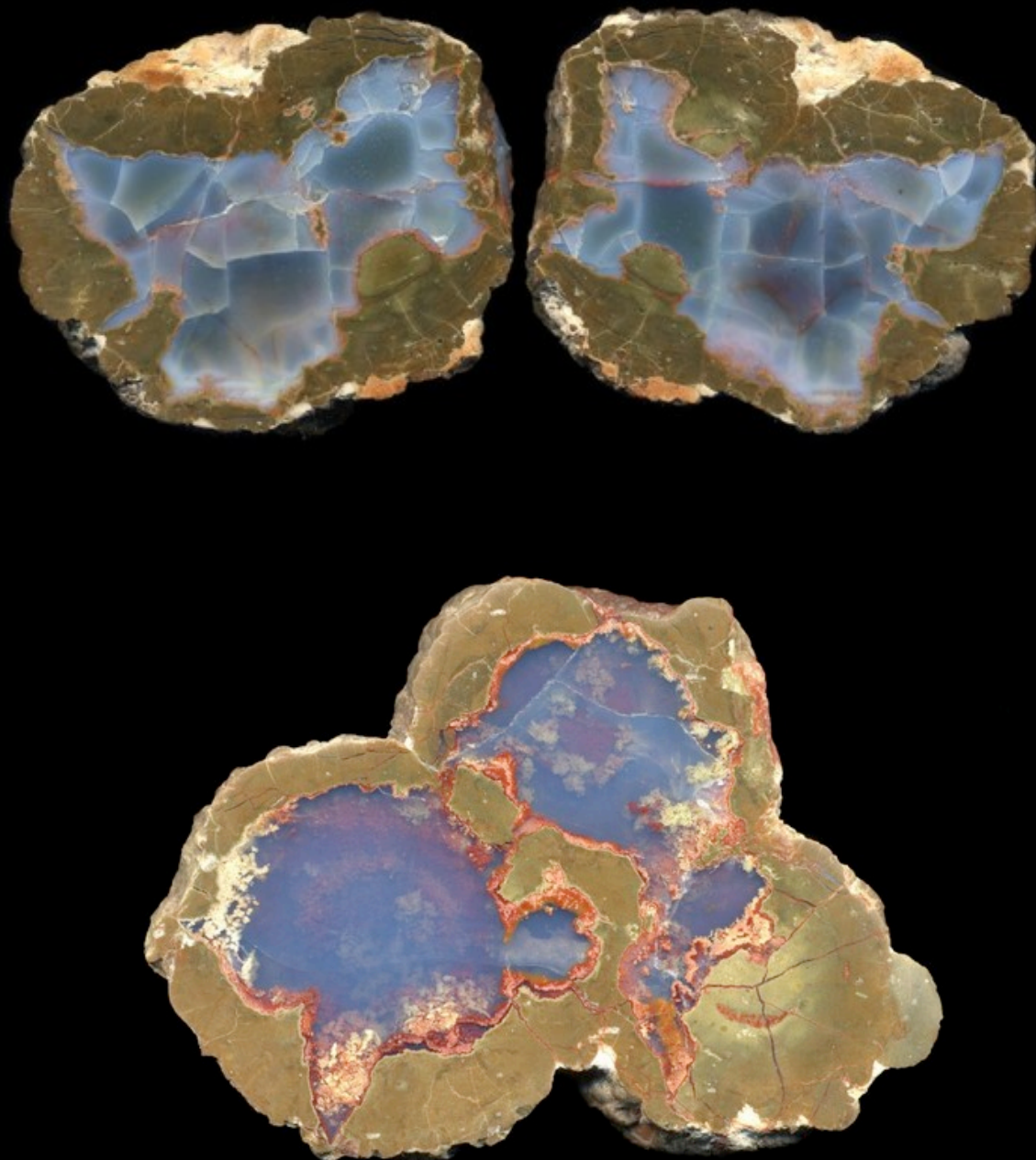


# Thundereggs

Richardson's Ranch

'Opal Beds'

Madras, Jefferson Co. Oregon



# Thundereggs

Richardson's Ranch  
'Pony Butte' aka 'Lawson Bed'  
Madras, Jefferson Co. Oregon

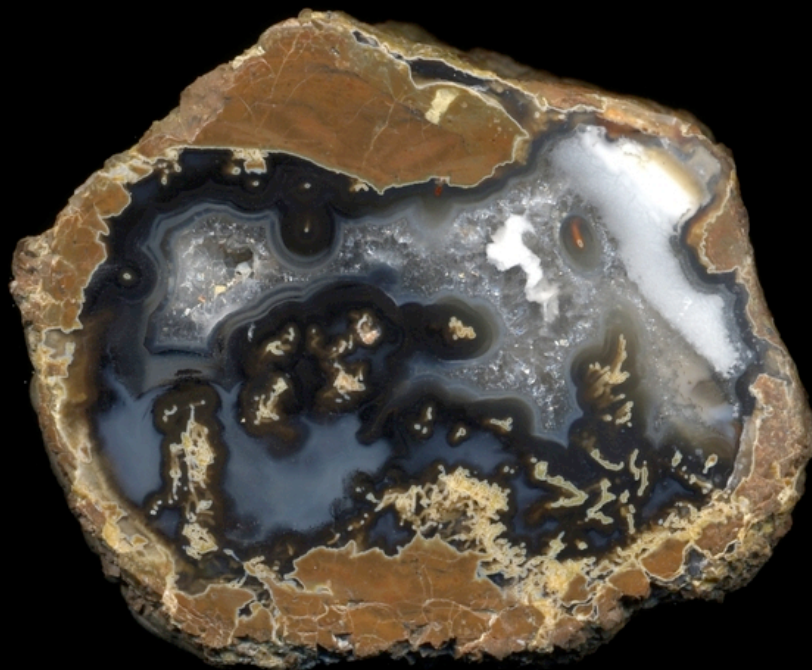


photo by David Rix



photos by Stoneviews.com

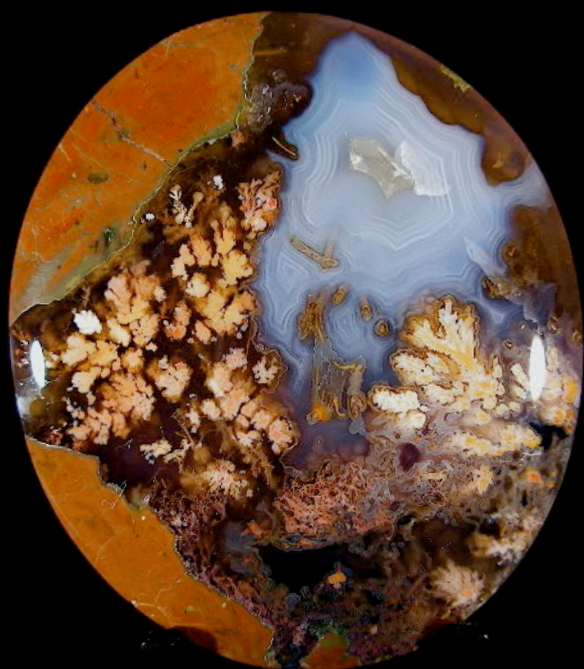


# Thundereggs

Richardson's Ranch

Friday Plume Samples

Madras, Jefferson Co. Oregon

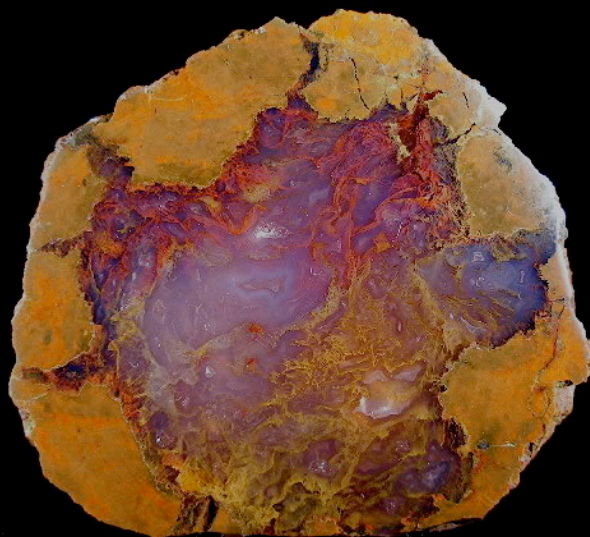
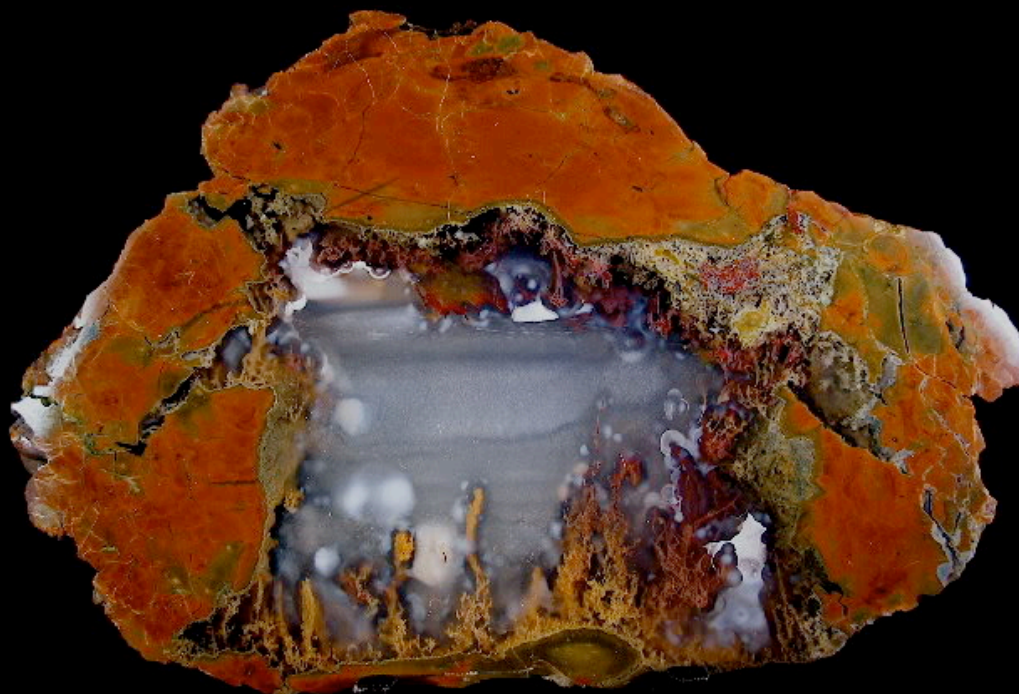


# Thundereggs

Richardson's Ranch

'Red Beds'

Madras, Jefferson Co. Oregon



**Thundereggs**  
**Secret Ridge**  
**aka 'Harvey Rim'**  
Crane, Harney Co. Oregon



photo by David Rix



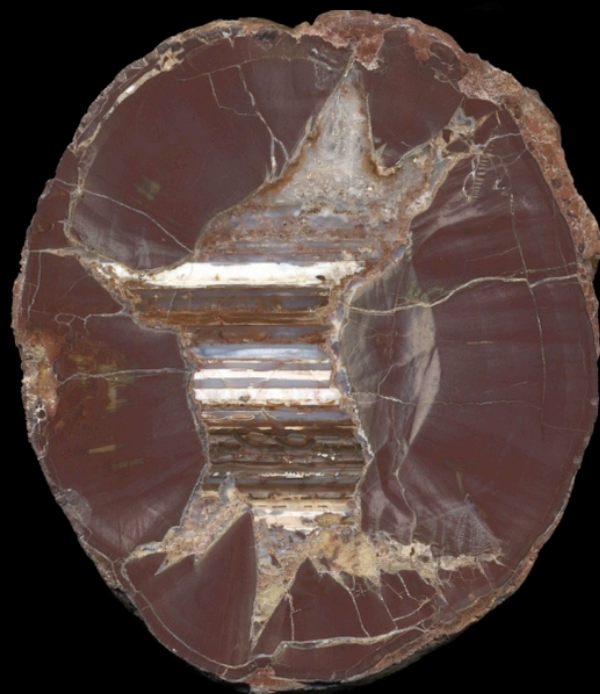
photo by Jason Hinkle

# Thundereggs

## Skull Springs

aka 'Harper Red Bed', 'Dry Creek', 'Bridge  
Creek', & "Juntura Beds"

Harper  
Malheur Co. Oregon



# Thundereggs

## Star Boy

Wildcat Mountain  
Crook Co. Oregon



# Thundereggs

Succor Creek  
Malheur Co. Oregon



# Thundereggs

Succor Creek

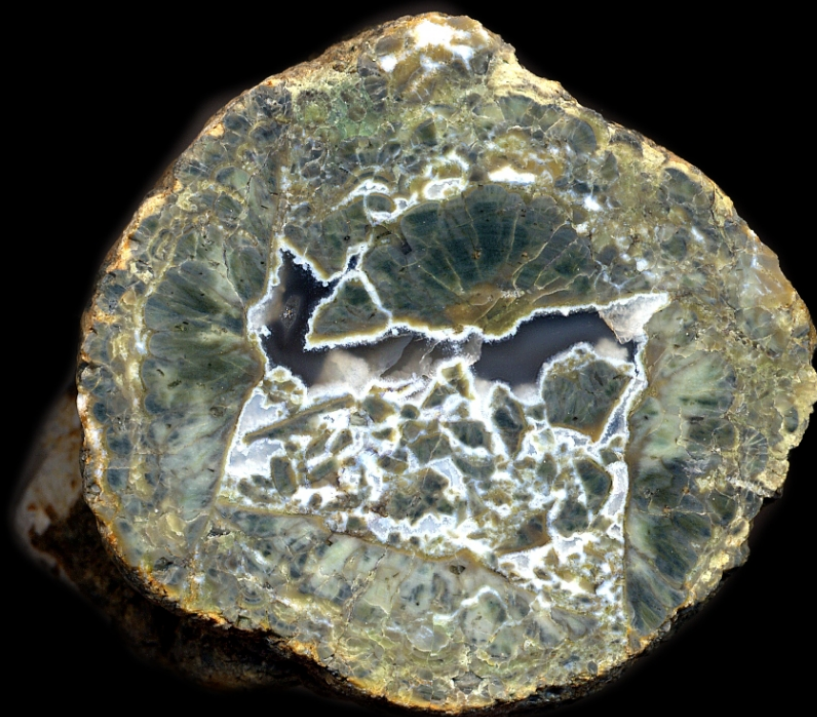
Malheur Co. Oregon



# Thundereggs

Talkeetna Mountains

Alaska

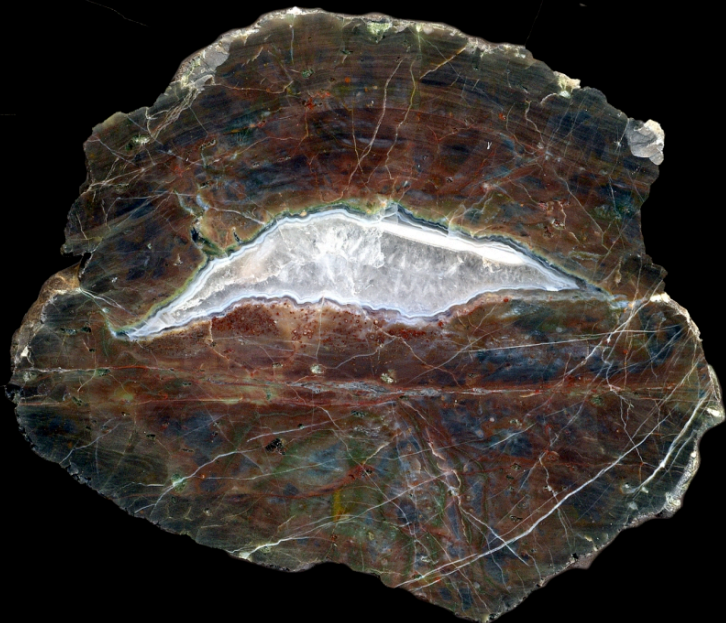
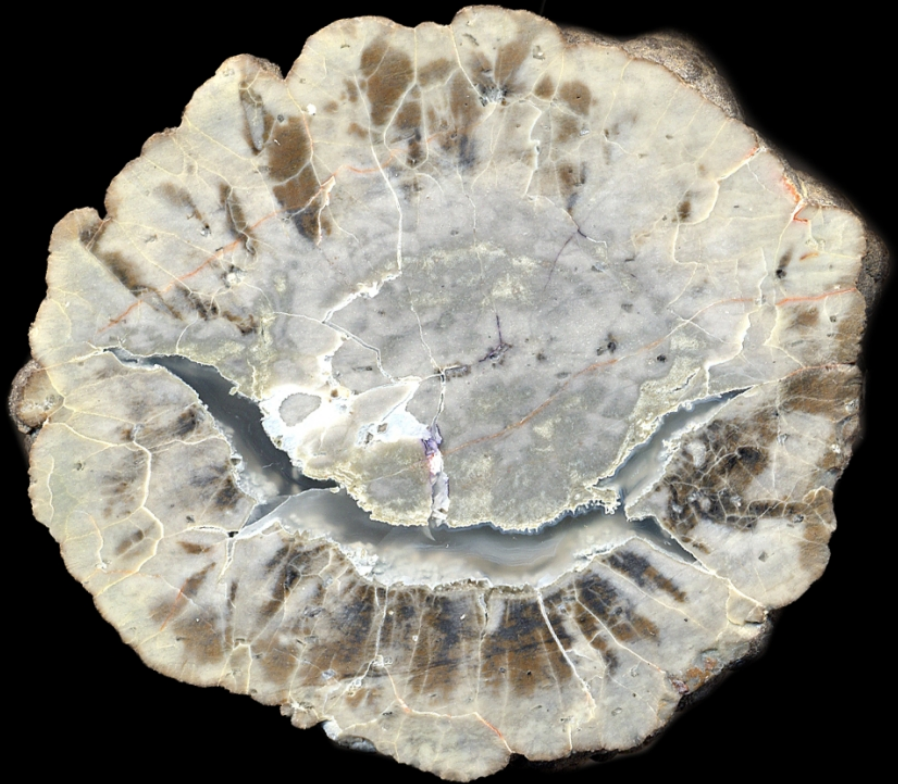




# Thunderegg

Talkeetna Mountains

Alaska



# Thundereggs

Thunderegg Matrix  
Little Naches River Canyon  
Yakima Co. Washington



# Thundereggs

## Valley View

Crook Co.

Ochoco Mtns. Oregon

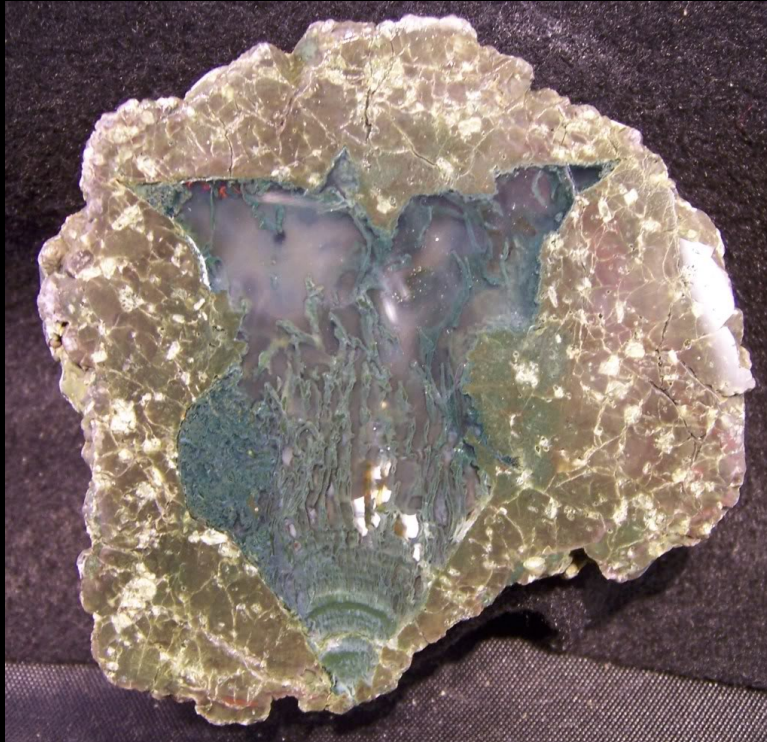


photo by Jason Hinkle

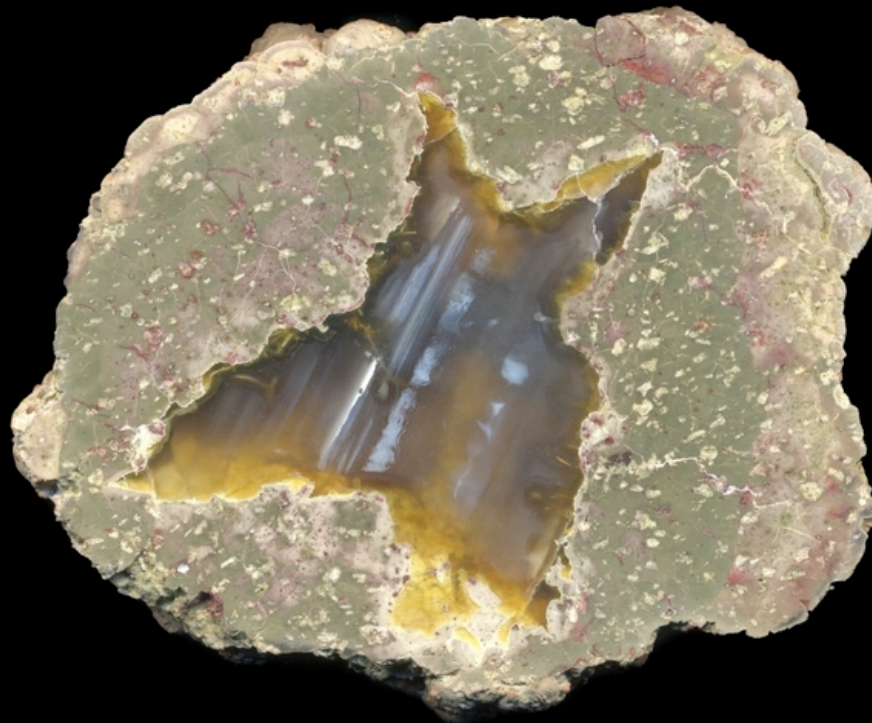


photo by David Rix

# Thunderegg

Warm Springs Indian Reservation  
'Mutton Mountain'  
Wasco Co. Oregon

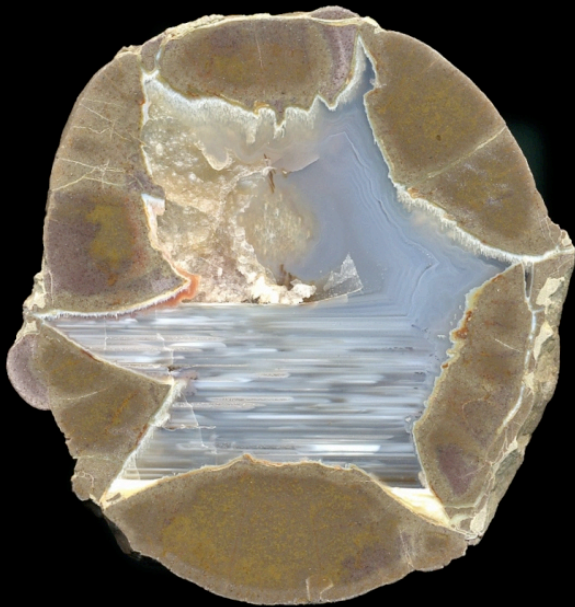
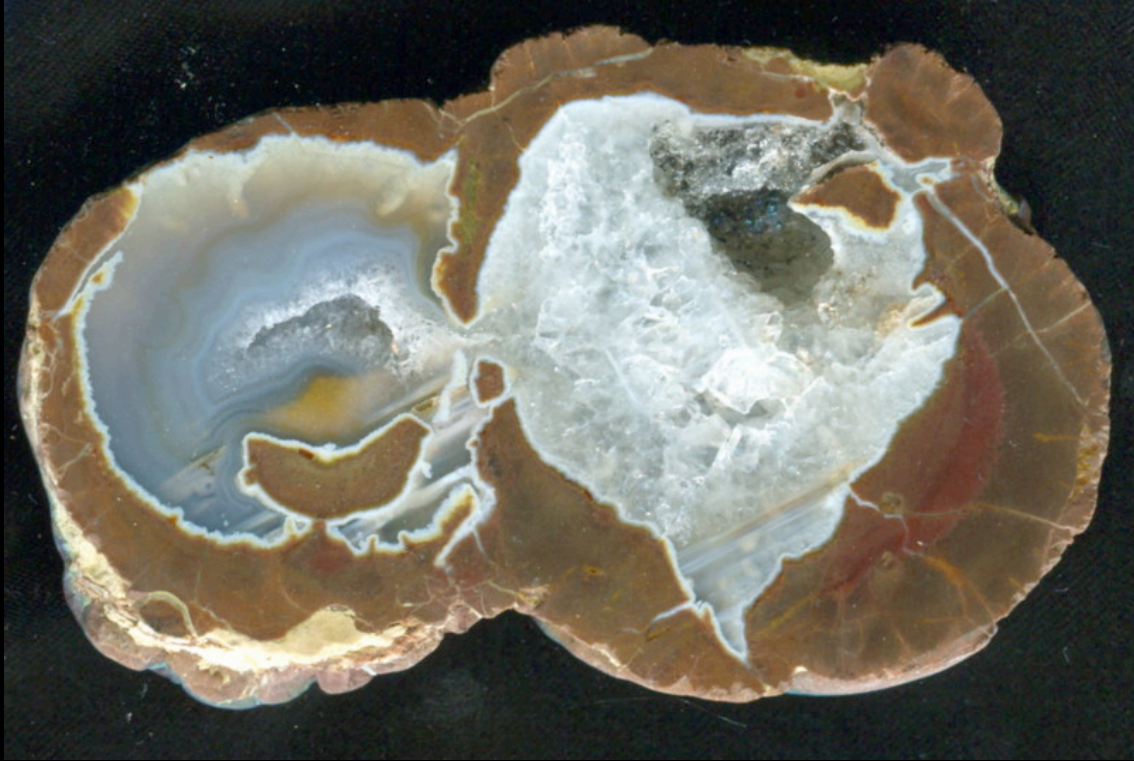


photo by David Rix

photos by Jason Hinkle

# Thundereggs

White Fir

Wildcat Mountain  
Crook Co. Oregon



# Thundereggs

White Fir

Wildcat Mountain  
Crook Co. Oregon

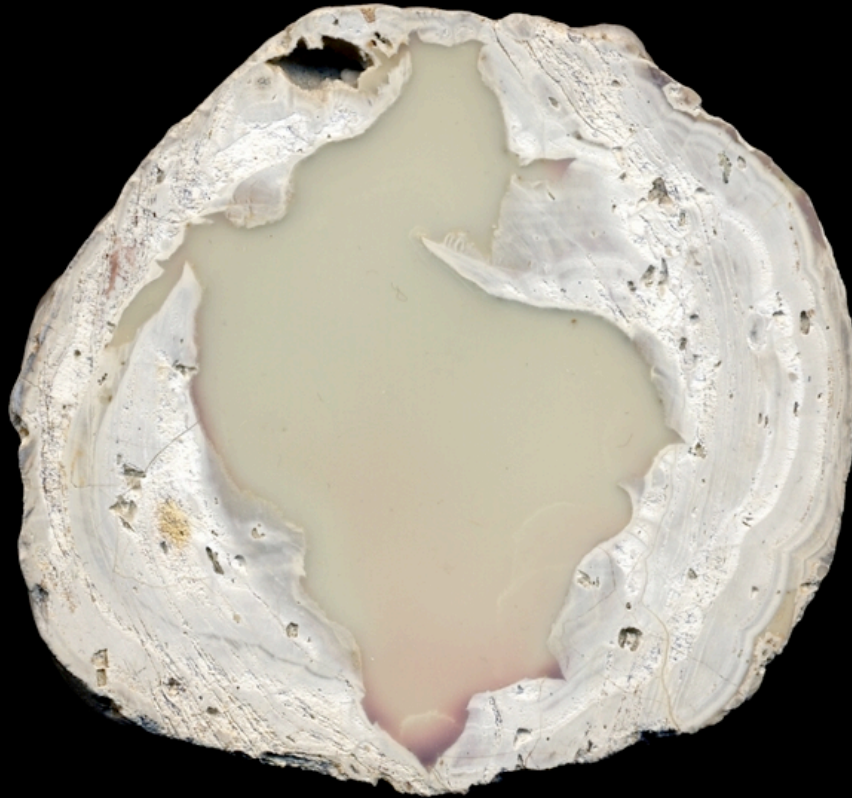


photo by David Rix



photo by Yurila

## Section 3 : Nodular Agate

### Nodular Agate

- 136 - Agate Flat - OR
- 138 - Antelope - OR
- 139 - Austin Blue - NV
- 140 - Beacon Hill - ID
- 141 - Black Rock Desert - NV

### Carnelian

- 142 - Lucas Creek - WA
- 144 - Sweet Home - OR
  
- 145 - Green Mountain - WA
- 147 - Hogg Creek - ID
- 148 - Jordan Creek - WA
- 149 - Ochoco Mountains - OR
- 150 - Red Top - WA
- 152 - Snakeskin Agate - OR
- 153 - Sunflower Flat Agate - OR
- 154 - Toutle River Valley - WA
- 155 - Walton Creek - OR

# Nodular Agate

Agate Flat  
aka 'Lincoln Agate'  
Jackson Co. Oregon





# Nodular Agate

Agate Flat  
aka 'Lincoln Agate'  
Jackson Co. Oregon



# Nodular Agate

Antelope

Wasco Co. Oregon



# Nodular Agate

Austin Blue  
Lander Co. Nevada



# Nodular Agate

Beacon Hill  
Washington Co. Idaho



photo by Steve Holmes



**TOM** MINERALS  
tomwolfminerals@earthlink.net  
PO Box 632 Midway City, CA 92655  
**WOLFE**

photo by Lowell Foster

# Nodular Agate

Black Rock Desert  
Nevada



**Nodular Agate**  
**Carnelian**  
**Lucas Creek**  
**Lewis Co. Washington**



# Nodular Agate

Carnelian

Lucas Creek

Lewis Co. Washington



# Nodular Agate

Carnelian

Sweet Home

Chandler Mtn. Linn Co. Oregon





# Nodular Agate

## Green Mountain

Kalama, Cowlitz Co. Washington



# Nodular Agate

## Green Mountain

Kalama, Cowlitz Co. Washington



# Nodular Agate

Hogg Creek  
Weiser  
Washington Co. Idaho



# Nodular Agate

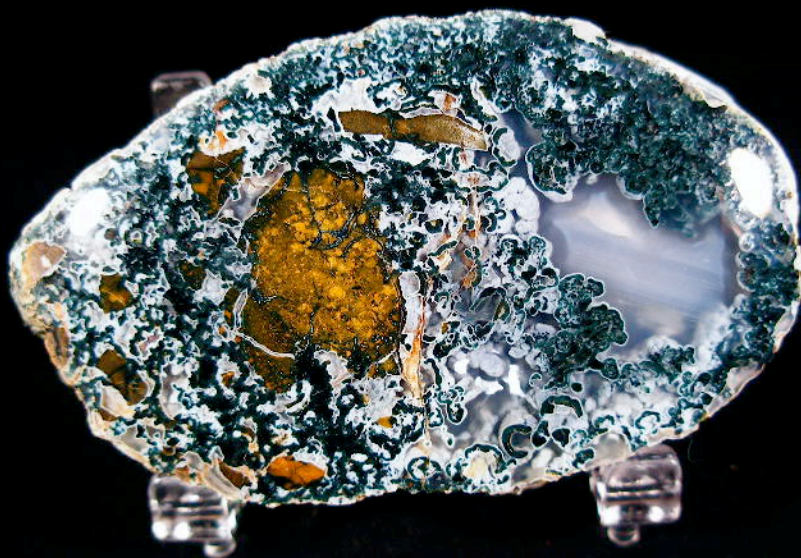
Jordan Creek  
Lewis Co. Washington



# Nodular Agate

Ochoco Mountains

Oregon



# Nodular Agate

Red Top

Cle Elum

Kittitas Co. Washington



# Nodular Agate

Red Top

Cle Elum

Kittitas Co. Washington



**Nodular Agate**  
**Snakeskin Agate**  
Rome  
Malheur Co. Oregon



photo by Lowell Foster



photo by Jim Brace-Thompson



photo by Mel Hixson



# Nodular Agate

Sunflower Flats Agates  
Warm Springs Indian Reservation  
Wasco Co. Oregon



**Nodular Agate**  
**Toutle River Valley**  
Washington



# Nodular Agate

Walton Lake

Crook Co. Oregon



## **Section 4 : Dendritic Material**

### **Dendritic Material**

157 - Amethyst Sage - Denio, NV

160 - Paiute Agate - Paiute Reservoir, OR

161 - Snake River Dendritic Agate - ID

# Dendritic Material

Amethyst Sage  
aka 'Denio Dendritic' &  
'Quinn River Dendritic'  
Denio, Humboldt Co. Nevada



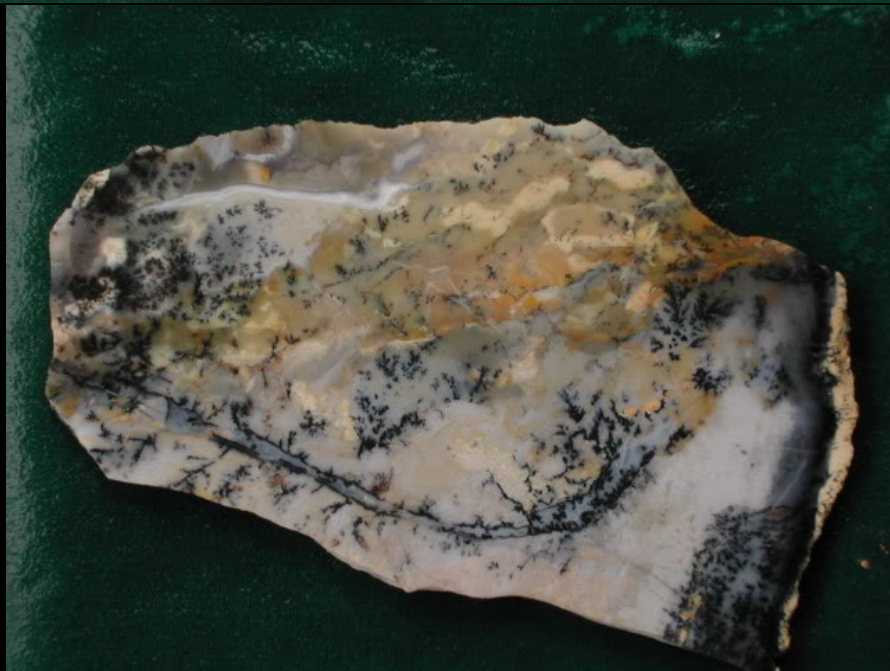
photo by Stonethatrock.com



photo by Daniel Bontempo

# Dendritic Material

Amethyst Sage  
aka 'Denio Dendritic' &  
'Quinn River Dendritic'  
Denio, Humboldt Co. Nevada

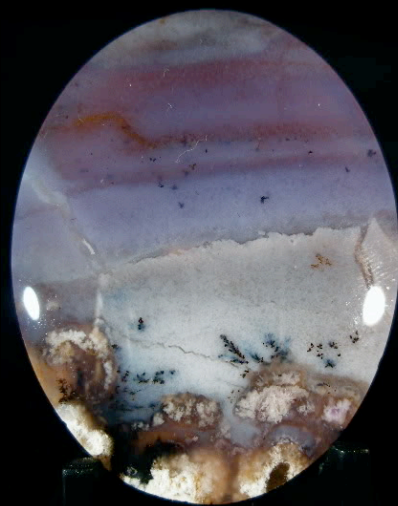


# Dendritic Material

Amethyst Sage  
aka 'Denio Dendritic' &  
'Quinn River Dendritic'  
Denio, Humboldt Co. Nevada



photo by Liz Donaugh



photos by Dan Heuer

# Dendritic Material

Paiute Agate  
Paiute Reservoir  
Harney Co. Oregon



photo by Brian Sellers



photos by Bob Rush



# Dendritic Material

## Snake River Dendritic Agate

Snake River  
Marsing, Owyhee Co. Idaho



photo by Mel Hixson



photo by Stones That Rock



photo by Ed Orekar

## Section 5 : Moss Material

### Moss Material

- 163 - Bear Creek - OR
- 164 - Bull Canyon - NV
- 166 - Challis - ID
- 167 - Christmas Agate - NV
- 168 - Maury Mountain - OR
- 171 - Mt Saint Helens - WA
- 172 - Mystery Mountain - NV
- 173 - Opal Mountain - OR
- 174 - Pony Butte - OR
- 175 - Teanaway - WA

# Moss Material

Bear Creek  
Crook Co. Oregon



# Moss Material

Bull Canyon  
Lyon Co. Nevada



photo by Mel Hixson



photo by Stoneviews.com

# Moss Material

Bull Canyon  
Lyon Co. Nevada



# Moss Material

Challis

Custer Co. Idaho



IDAHO  rock shop

photo by Donnie's Rocky Treasures

# Moss Material

## Christmas Agate

Black Rock Desert,  
Winnemucca,  
Humboldt Co. Nevada



# Moss Material

Maury Mountain

Crook Co. Oregon





# Moss Material

Maury Mountain  
Crook Co. Oregon



photo by Stoneviews.com



photos by Mel Hixson

# Moss Material

## Maury Mountain

Crook Co. Oregon



photos by Ed Orekar



photos by Dan Heuer

# Moss Material

Mt. Saint Helens  
Quartz Creek, Lewis River  
Lewis Co. Washington



# Moss Material

## Mystery Mountain Nevada



photo by Mel Hixson



photo by Steve Holmes

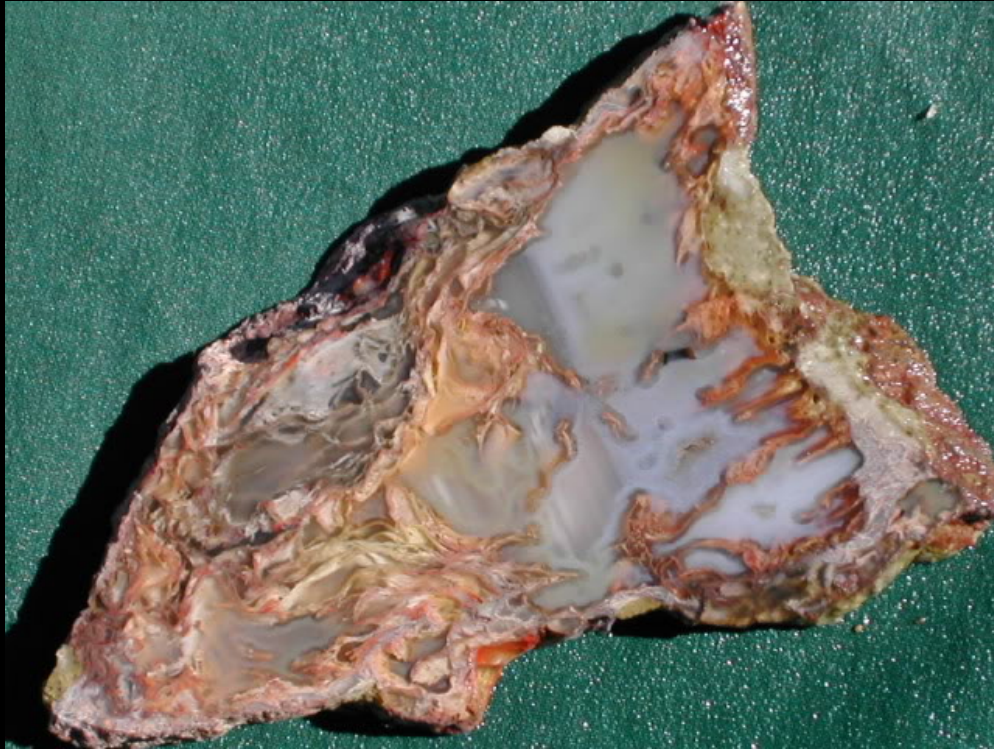
# Moss Material

Opal Butte  
Morrow Co. Oregon



# Moss Material

Pony Butte  
Jefferson Co. Oregon



photos by Mel Hixson

# Moss Material

Teanaway  
Kittatas Co. Washington



## Section 6 : Plume Material

### Plume Material

- 177 - Antelope Plume - OR
- 178 - Ashwood - OR
- 179 - Bear Creek - OR
- 180 - Carey Ranch - OR
- 182 - Denio - NV
- 183 - Eagle Rock - OR
- 184 - Forest Fire Plume - ID
- 185 - Graveyard Point - OR
- 188 - Graveyard Point/Regency Rose - OR
- 190 - Jumping Jeep - Mitchell, OR
- 193 - Leathers Ranch - OR
- 194 - Maury Mountain - OR
- 195 - Nyedigger - OR
- 196 - Nyssa Plume - OR
- \*\*\* - Priday Plume (See Thundereggs)
- 197 - Prudent Man - ID
- 199 - Quartz Creek - WA
- 200 - Sheep Creek Plume - OR
- 202 - Stinking Water Creek - OR
- 204 - Warm Springs Indian Reservation - OR
- 205 - White Top Plume - OR
- 206 - Willamette River - OR



# Plume Material

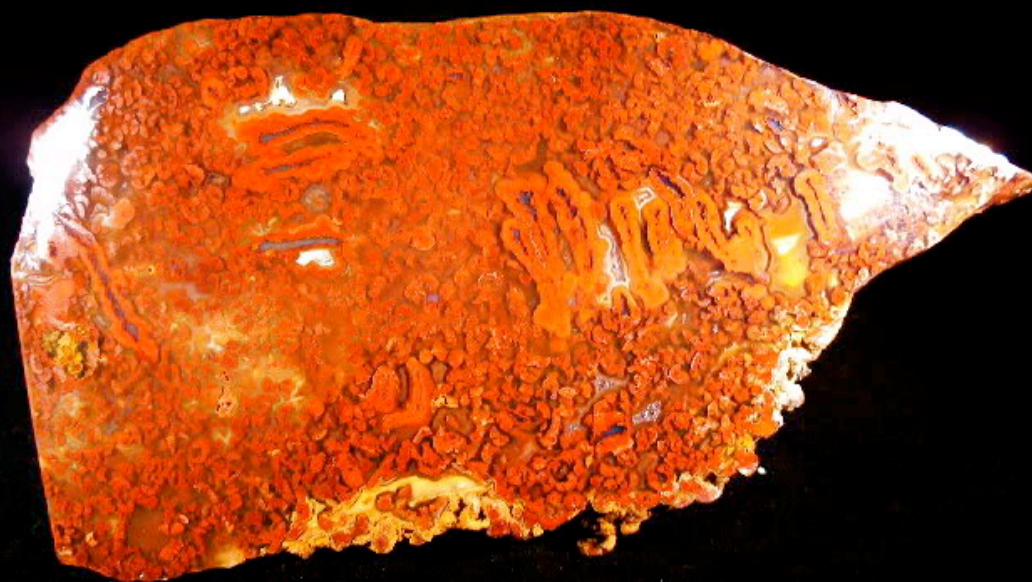
Antelope Plume  
aka Borthwick Ranch  
Wasco Co. Oregon



# Plume Material

Ashwood

Jefferson Co. Oregon



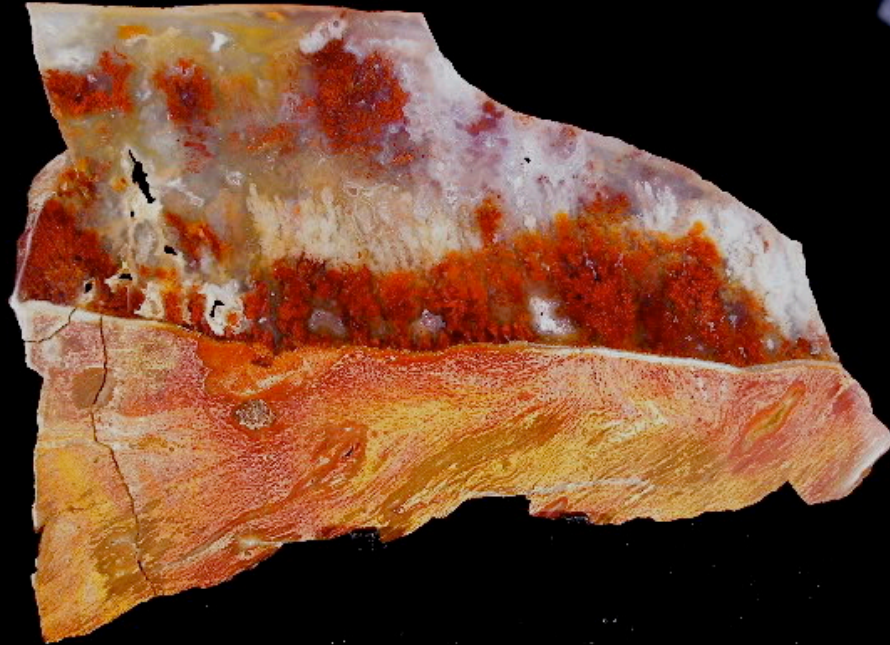
# Plume Material

Bear Creek  
Crook Co. Oregon



# Plume Material

Carey Ranch  
Prineville, Crook Co. Oregon



# Plume Material

Carey Ranch  
Prineville, Crook Co. Oregon



# Plume Material

Denio

Humboldt Co. Nevada



# Plume Material

## Eagle Rock

Prineville, Crook Co. Oregon



photo by Mel Hixson



photos by Dan Heuer

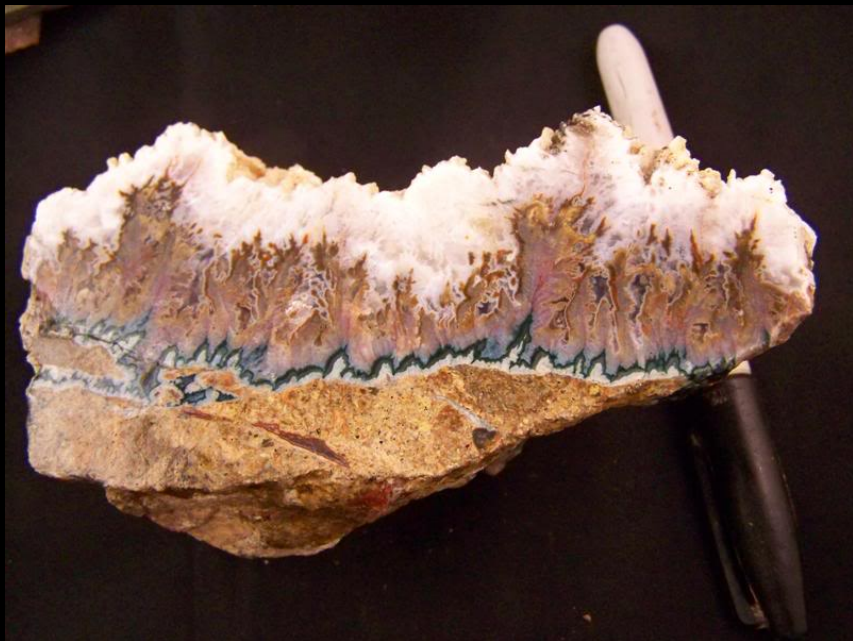
photo by Ed Orekar

# Plume Material

Forest Fire Plume  
Green / Red  
Idaho



photo by Liz Donagh



IDAHO  rock shop



# Plume Material

Graveyard Point

Malheur Co. Oregon



# Plume Material

## Graveyard Point

Malheur Co. Oregon



photos by Dan Heuer



photo by Ed Orekar

# Plume Material

## Graveyard Point

Malheur Co. Oregon



photo by stoneviews.com



photo by Mel Hixson

**Plume Material**  
**Graveyard Point**  
**Regency Rose**  
**Malheur Co. Oregon**

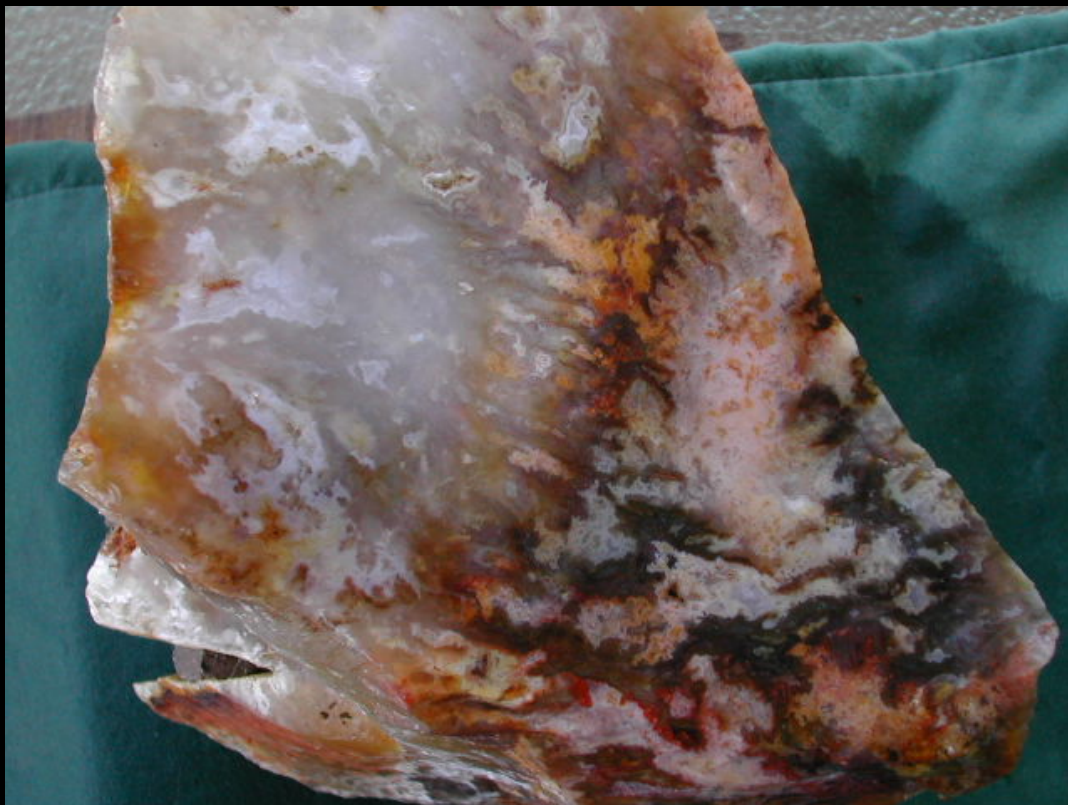
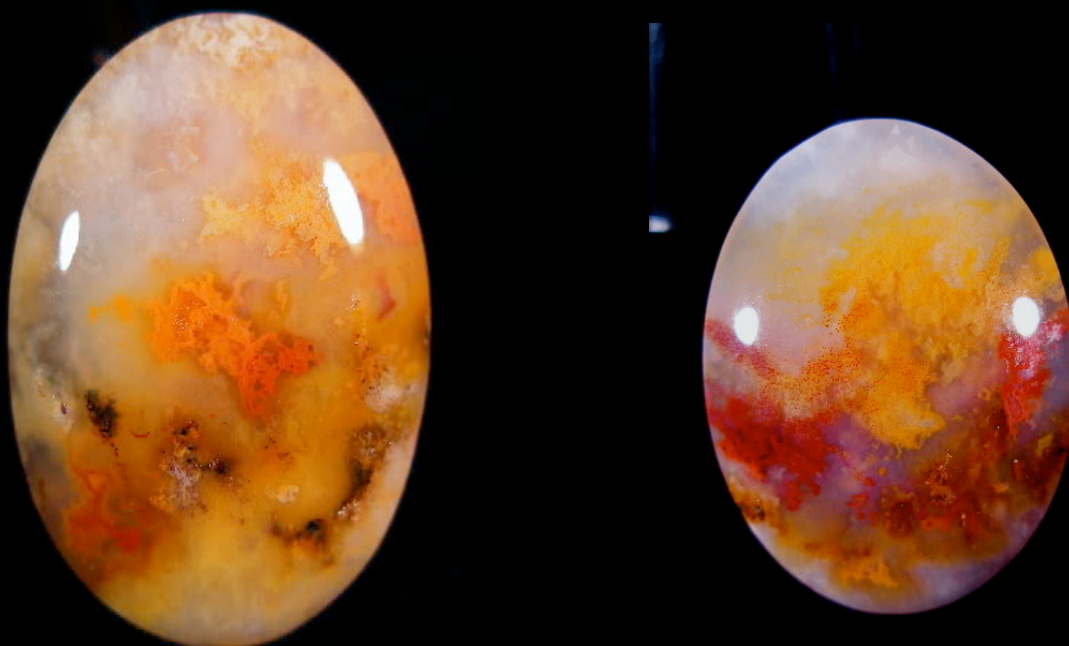


photo by Mel Hixson



photos by Dan Heuer

# Plume Material

Graveyard Point

Regency Rose

Malheur Co. Oregon



# Plume Material

## Jumping Jeep

Mitchell

Wheeler Co. Oregon



# Plume Material

Jumping Jeep

Mitchell

Wheeler Co. Oregon



# Plume Material

Jumping Jeep

Mitchell

Wheeler Co. Oregon





# Plume Material

## Leathers Ranch

Oregon



photo by Brian Sellers



photo by Liz Donaugh

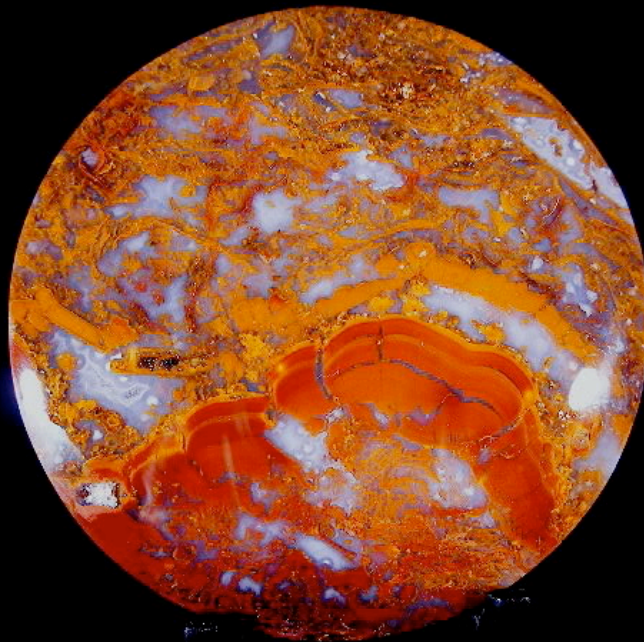


photo by Dan Heuer

# Plume Material

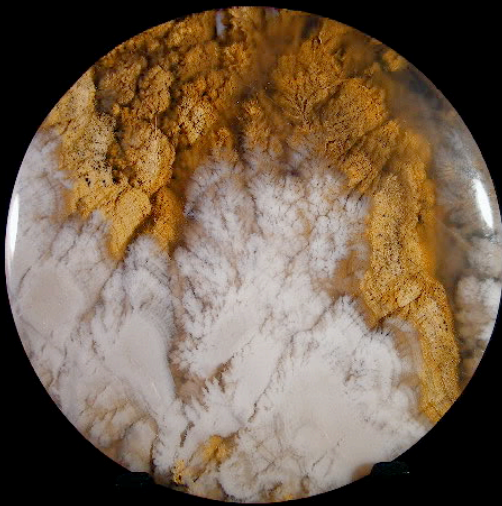
## Maury Mountain

Crook Co. Oregon



# Plume Material

Nyedigger  
Crook Co. Oregon



# Plume Material

Nyssa Plume  
Malheur Co. Oregon



photo Steven Speer



photo by stonesthatrock.com

# Plume Material

Prudent Man  
Vein 1

Custer Co. Idaho



# Plume Material

Prudent Man  
Vein 2  
Custer Co. Idaho

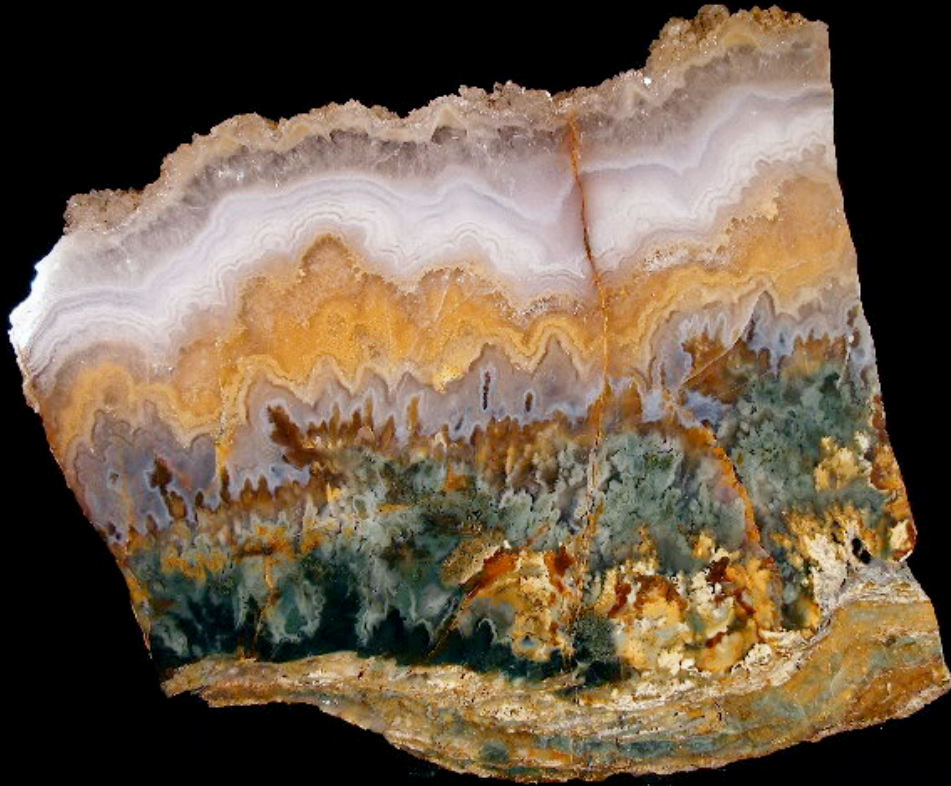


photo by Dan Heuer



photo by Liz Donough

# Plume Material

Quartz Creek  
near St. Helens  
Washington



# Plume Material

## Sheep Creek Plume

E of Prineville,  
Crook Co. Oregon



photo by Steven Speer



photos by Dan Heuer



# Plume Material

## Sheep Creek Plume

E of Prineville,  
Crook Co. Oregon

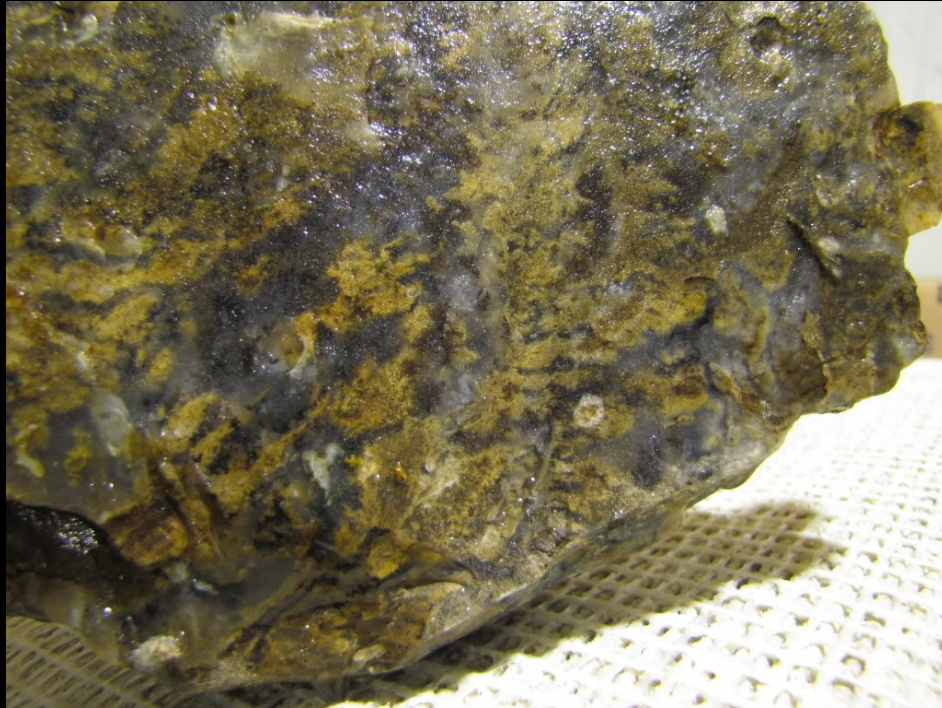


photo by Gerald Woodside



photos by Mel Hixson

# Plume Material

## Stinking Water Creek

Drewsey

Harney Co. Oregon



photo by Steven Speer



photo by Geoffrey Hubbs

# Plume Material

## Stinking Water Creek

Drewsey

Harney Co. Oregon



photo by Dan Heuer



photo by Geoffrey Hubbs

# Plume Material

Warm Springs Indian Reservation  
Harney/Malheur Co. Oregon



# Plume Material

## White Top Plume

Oregon



# Plume Material

Williamette River

Oregon



photo by Yurila



photo by Mel Hixson

## **Section 7: Orbicular Material**

### **Orbicular Material**

208 - Olympic Peninsula - WA

209 - Snokomish River - WA

# Orbicular Material

## Olympic Peninsula

Washington



photo by Dan Heuer



photos by Ed Orekar



# Orbicular Material

Snokomish River  
Washington



photo by Gerald Woodside



photo by Charles Price

## Section 8: Agate Miscellaneous

### Miscellaneous Agate Material

- 211 - Bennett Mountain - ID
- 212 - Black Rock Desert - NV
- 214 - Buffington Pocket - NV
- 215 - Chief Paulina Agate - OR
- 216 - Goose Creek Agate - ID
- 217 - Greenwater - WA
- 218 - Hay Creek - OR
- 219 - Henderson Purple Agate - NV
- 220 - Holly Blue - OR
- 222 - Howardite - NV
- 223 - Keegan Ranch Tube Agate - OR
- 224 - McDermitt Lace Agate - OR
- 225 - McDermitt Lattice Agate - OR
- 226 - McDermitt Sagenite - OR
- 227 - Polka Dot Agate - OR
- 229 - Storm Cell Agate - OR
- 230 - Trent - OR
- 231 - Walton Lake Lace/Tube Agate - OR
- 233 - Warm Springs Tube Agate - OR

# Agate Miscellaneous

## Bennett Mountain

Elmore Co. Idaho



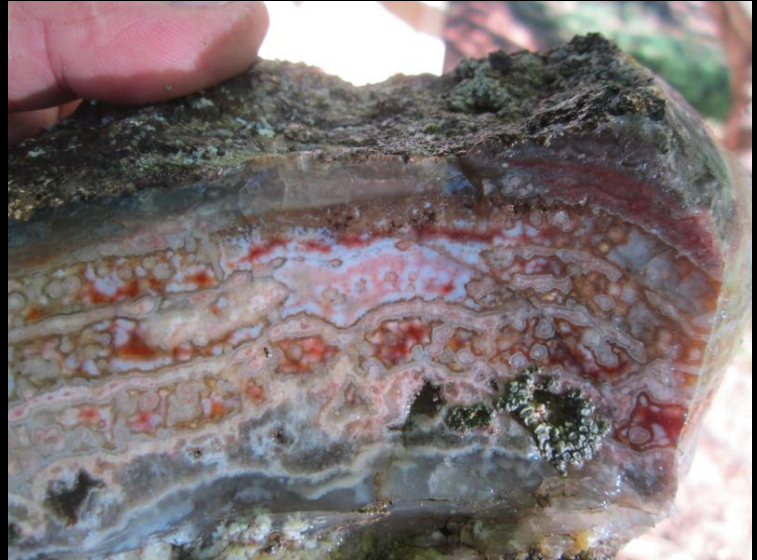
# Agate Miscellaneous

Black Rock Desert  
Nevada



# Agate Miscellaneous

Black Rock Desert  
Nevada



# Agate Miscellaneous

## Buffington Pockets

Clark Co. Nevada



# Agate Miscellaneous

## Chief Paulina Agate

Nartz Ranch

Ashwood, Jefferson Co. Oregon



# Agate Miscellaneous

## Goose Creek Agate

Oakley, Cassia Co. ID





# Agate Miscellaneous

## Greenwater River Washington



# Agate Miscellaneous

Hay Creek  
Jefferson Co. Oregon



# Agate Miscellaneous

Henderson Purple Agate  
aka 'Henderson Amethystine Agate'  
Clark Co. Nevada



# Agate Miscellaneous

Holly Blue (Holley Blue)

Sweet Home, Linn Co. Oregon



photo by Dan Heuer



photo by Bob Rush

# Agate Miscellaneous

## Holly Blue (Holley Blue)

Sweet Home, Linn Co. Oregon



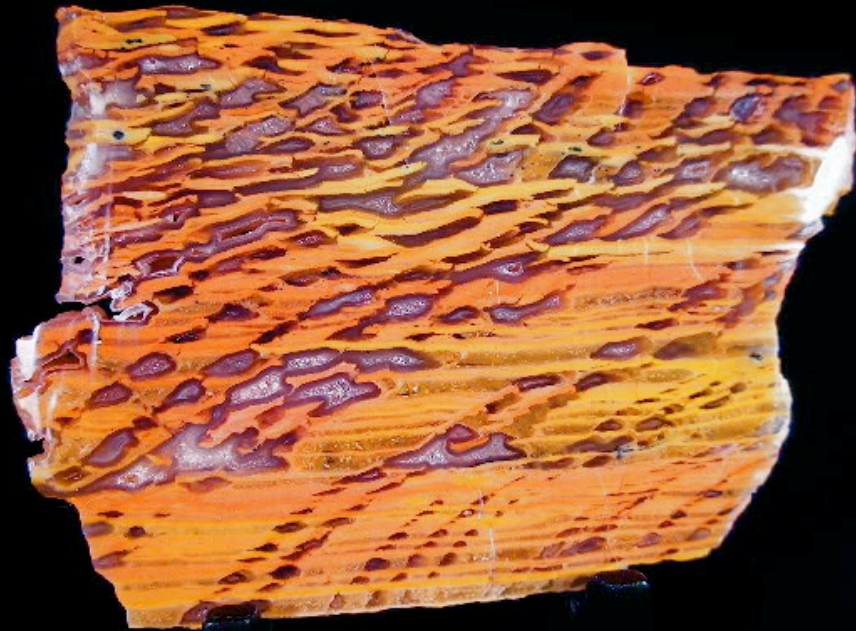
photo by VGMS



photo by Glenn Miller

# Agate Miscellaneous

Howardite  
aka Rattlesnake Agate  
Tonopah, Nye Co. Nevada



# Agate Miscellaneous

## Keegan Ranch Tube Agate Jefferson Co. Oregon



photo by Mel Hixson

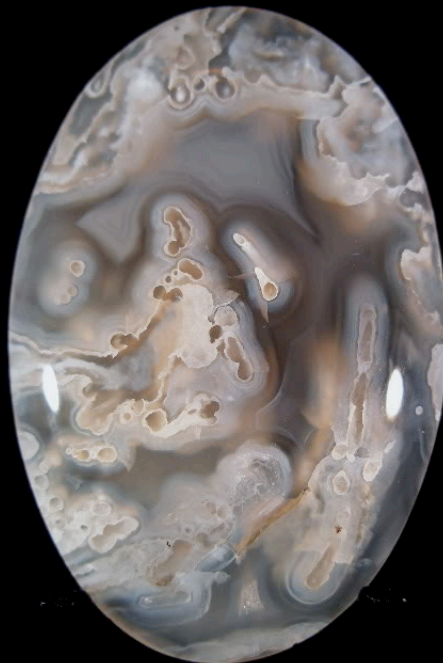


photo by Dan Heuer

# Agate Miscellaneous

McDermitt Lace Agate  
McDermitt, Malheur Co. Oregon





# Agate Miscellaneous

McDermitt Lattice Agate  
McDermitt, Malheur Co. Oregon



# Agate Miscellaneous

## McDermitt Sagenite

McDermitt, Malheur Co. Oregon



# Agate Miscellaneous

## Polka Dot Agate

Near Madras, Jefferson Co.  
Oregon



# Agate Miscellaneous

## Polka Dot Agate

Near Madras, Jefferson Co.  
Oregon



photo by Eric Perkins

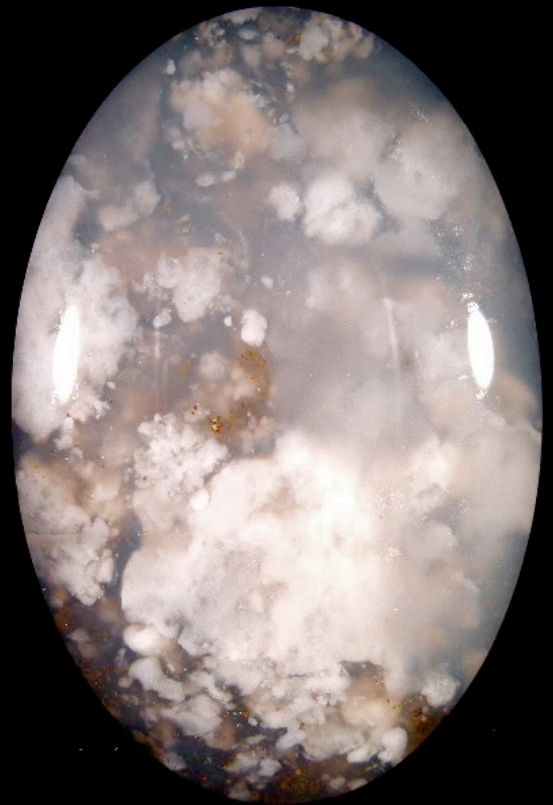
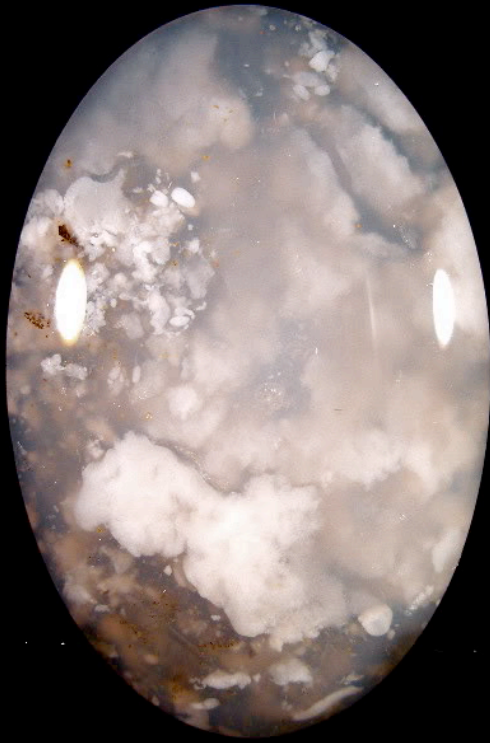


photo by Dan Heuer

# Agate Miscellaneous

## Storm Cell Agate

Mitchell, Wheeler Co. Oregon



# Agate Miscellaneous

Trent

Lane Co. Oregon



# Agate Miscellaneous

Walton Lake Lace/Tube Agate

Quant Tube Agate

Crook Co. Oregon



photo by Mel Hixson



photos by Dan Heuer

# Agate Miscellaneous

Walton Lake Lace/Tube Agate

Quant Tube Agate

Crook Co. Oregon

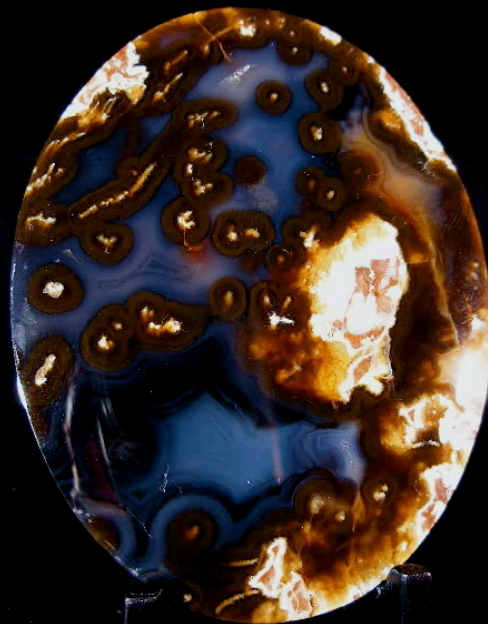




# Agate Miscellaneous

## Warm Springs Tube Agate

Warm Springs Indian Reservation,  
Oregon



## Section 9: Picture and Scenic Jasper

### Picture and Scenic Jasper

- 236 - Antelope Picture Jasper - OR\*\*
- 237 - Bat Cave Jasper - OR
- 238 - Biggs - OR
- 239 - Blue Biggs - OR
- 241 - Blue Mountain - OR
- 243 - Bruneau Jasper - ID
- 244 - Bruneau Jasper 'Black' - ID
- 245 - Carrasite - OR
- 246 - Chicken Track Jasper - OR
- 247 - Cripple Creek - OR\*\*
- 248 - Crystal Peak - WA
- 249 - Deschutes - OR
- 251 - Desert Rose Picture Jasper - OR\*\*
- 252 - Disaster Peak - OR
- 253 - Fryite - ID
- 254 - Hart Mountain Jasper - OR
- 255 - Hidden Valley - OR\*\*
- 257 - Morrisonite - OR\*\*
- 260 - Owyhee Picture Jasper - OR\*\*
- 262 - Owyhee Red - OR\*\*
- 263 - Painted Desert Jasper - OR\*\*
- 264 - Palomino Picture Jasper - OR
- 265 - Queen Picture Jasper - ID
- 266 - Rocky Butte - OR\*\*

\*\*Jaspers from the Owyhee region of Oregon

## Section 9: Picture and Scenic Jasper

### Picture and Scenic Jasper

268 - Sunset Jasper - OR\*\*

269 - Vistaite - OR

271 - War Eagle Jasper - OR\*\*

272 - Wild Horse Picture Jasper - OR\*\*

273 - Willow Creek - ID

\*\*Jaspers from the Owyhee region of Oregon

# Picture Jasper

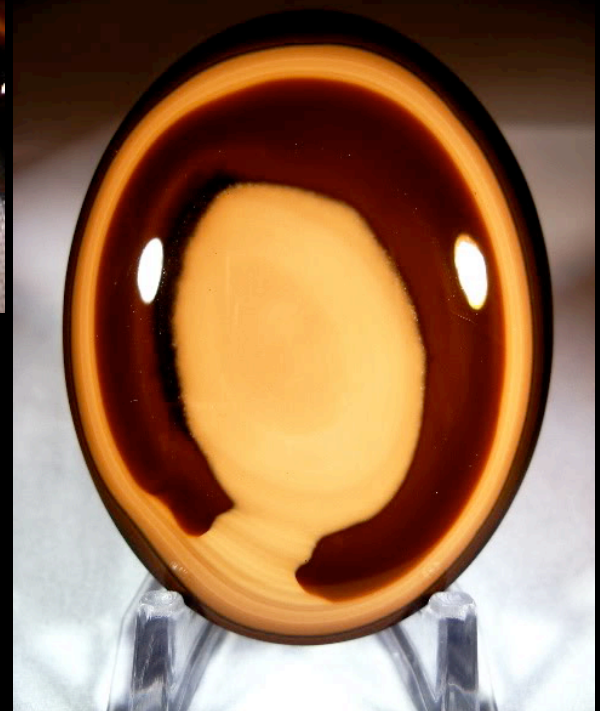
Antelope Picture Jasper  
aka "Firecracker Jasper"  
Owyhee Mtns. Malheur Co. Oregon



# Picture Jasper

## Bat Cave Jasper

Ochoco Reservoir, Crook Co. Oregon



# Picture Jasper

Biggs

Sherman Co. Oregon



photo by Bob Rush



# Picture Jasper

Blue Biggs  
Sherman Co. Oregon



# Picture Jasper

Blue Biggs  
Sherman Co. Oregon



photo by Mel Hixson

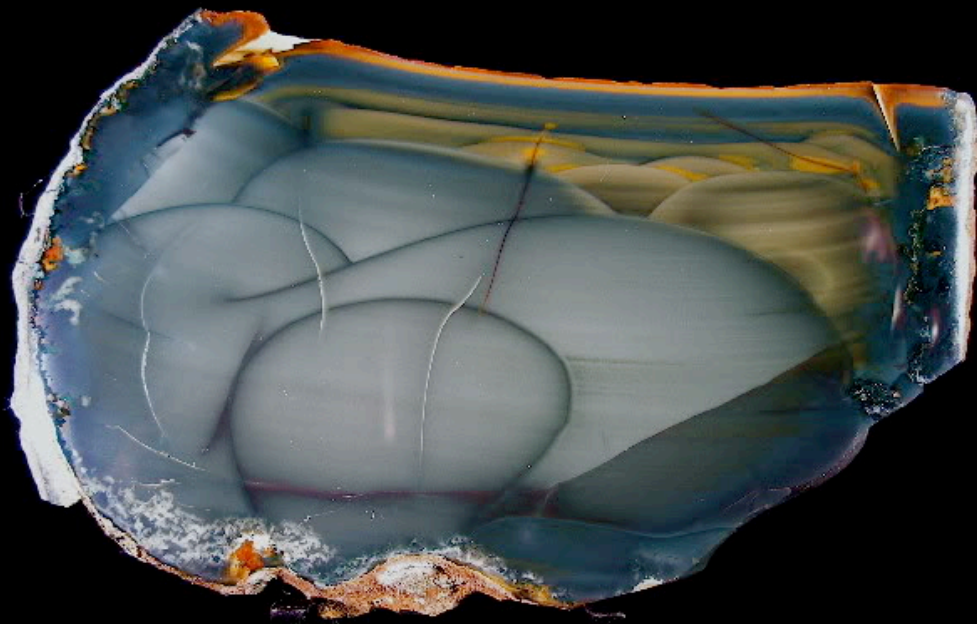
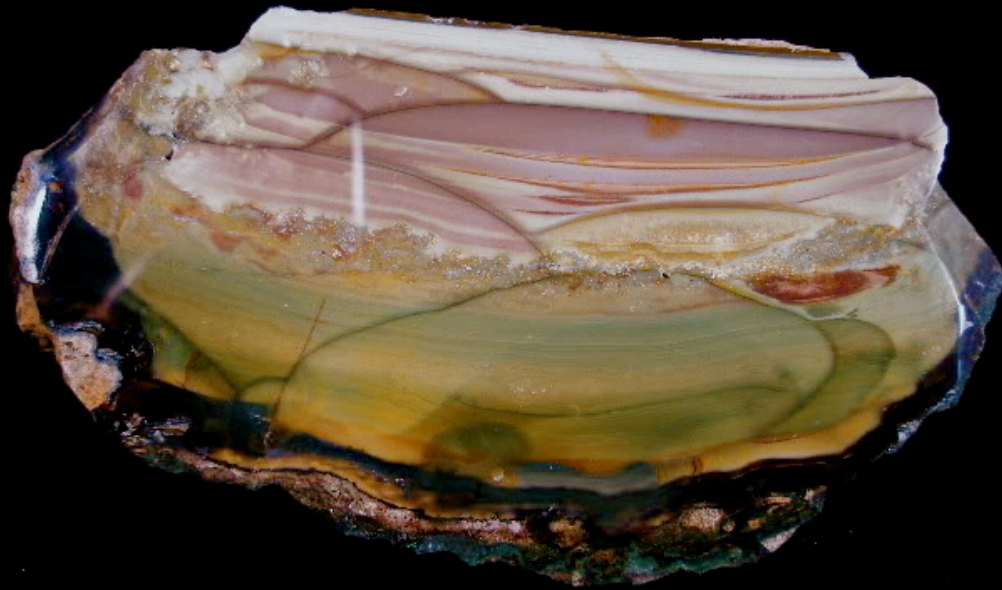


photo by Ed Orekar



# Picture Jasper

Blue Mountain  
Malheur Co. Oregon



# Picture Jasper

Blue Mountain  
Malheur Co. Oregon



photo by Mel Hixson



photo by Brian Sellers

# Picture Jasper

## Bruneau Jasper

Bruneau Canyon, Owyhee Co. Idaho



# Picture Jasper

Bruneau Jasper "Black"  
Bruneau Canyon, Owyhee Co. Idaho



photo by Ed Orekar

photos by Liz Donaugh

# Picture Jasper

## Carrasite

Owyhee Breaks, Malheur Co. Oregon



photo by Liz Donaugh



photo by Donnie's Treasures

# Picture Jasper

Chicken Track Jasper  
McDermitt, Malheur Co. Oregon



photo by Bob Rush



photo by Lowell Foster



photo by Mel Hixson

# Picture Jasper

## Cripple Creek

Windy Ridge, Owyhee Mtns,  
Malheur Co. Oregon



# Picture Jasper

Crystal Peak  
Washington





# Picture Jasper

## Deschutes

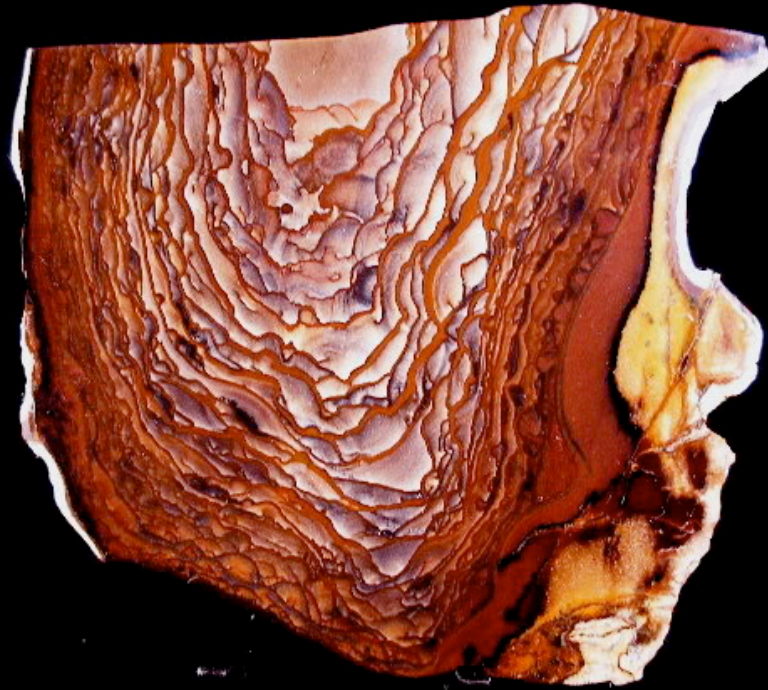
Deschutes River Canyon  
Sherman Co. Oregon



# Picture Jasper

## Deschutes

Deschutes River Canyon  
Sherman Co. Oregon



# Picture Jasper

## Desert Rose Picture Jasper

Malheur Co. Oregon



# Picture Jasper

## Disaster Peak

McDermitt, Malheur Co. Oregon



photo by Mel Hixson



photo by Geoffrey Hubbs



photo by Bob Rush

# Picture Jasper

Fryite

aka Snake River Picture Jasper

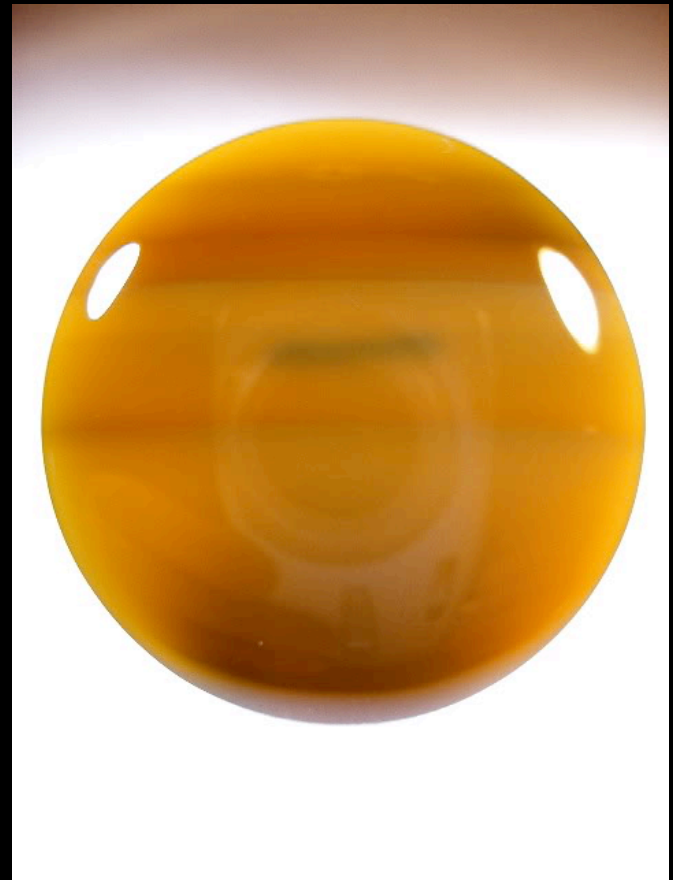
Lewiston, Nex Perce Co. Idaho



# Picture Jasper

Hart Mountain Jasper

Plush, Lake Co. Oregon



# Picture Jasper

Hidden Valley

Malheur Co. Oregon



# Picture Jasper

Hidden Valley  
Malheur Co. Oregon



photo by Mel Hixson

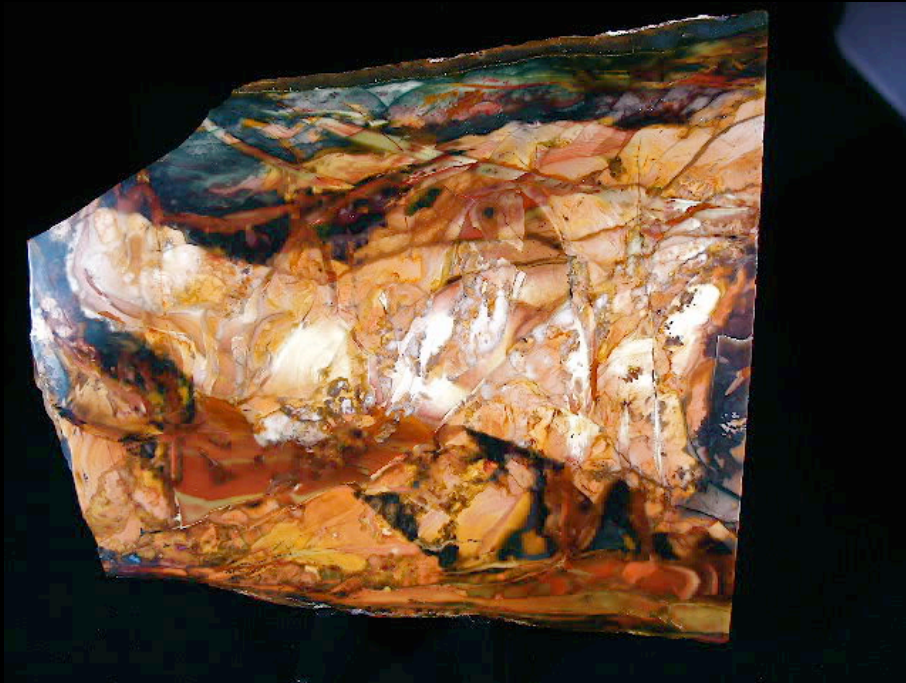


photo by Daniel Bontempo



# Picture Jasper

Morrisonite  
Malheur Co. Oregon



# Picture Jasper

Morrisonite  
Malheur Co. Oregon



# Picture Jasper

Morrisonite  
Malheur Co. Oregon



# Picture Jasper

Owyhee Picture Jasper  
Malheur Co. Oregon



# Picture Jasper

Owyhee Picture Jasper  
Malheur Co. Oregon



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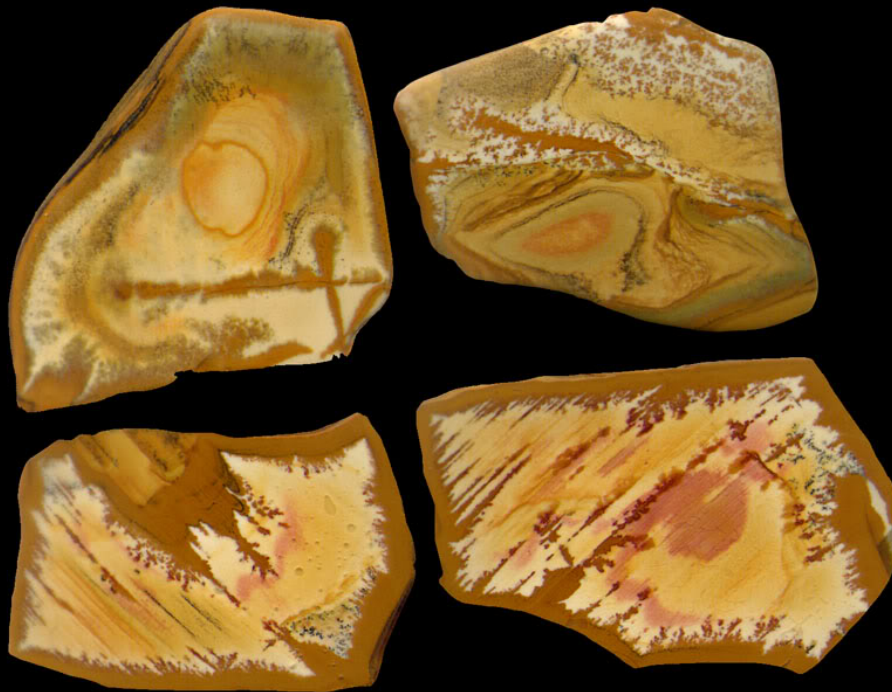


photo by Daniel Bontempo

# Picture Jasper

Owyhee Red  
Malheur Co. Oregon



# Picture Jasper

## Painted Desert Jasper

Malheur Co. Oregon



# Picture Jasper

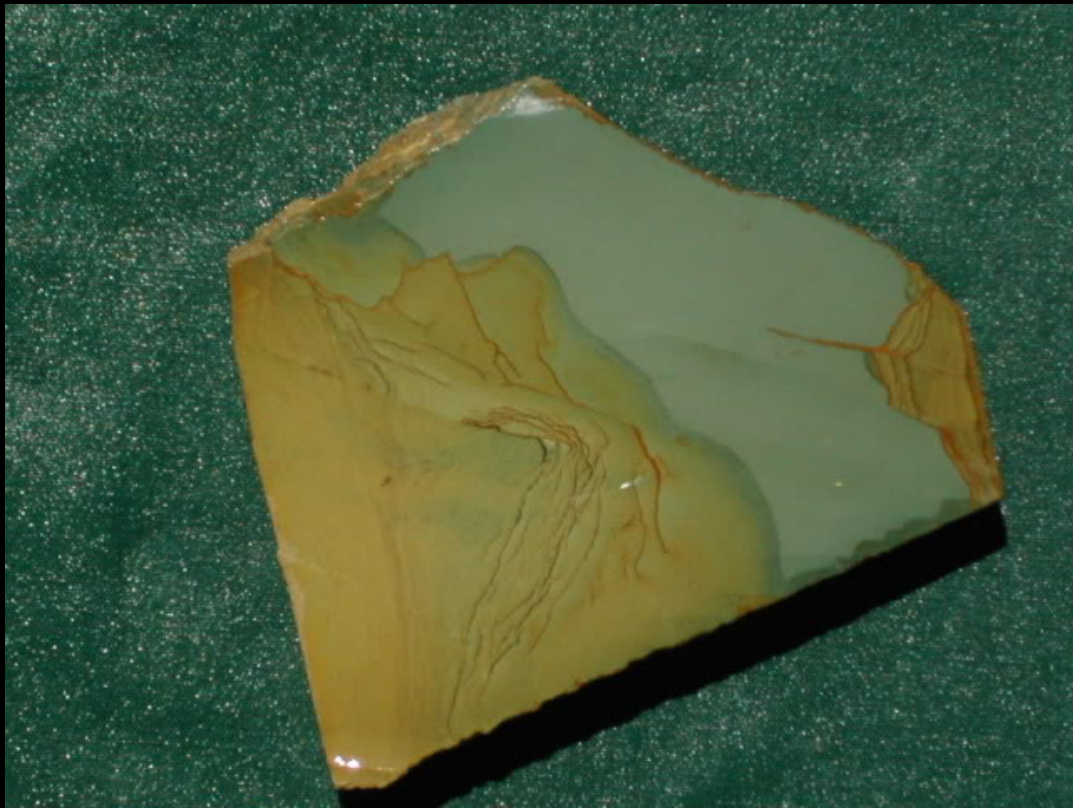
Palomino Picture Jasper  
McDermitt, Malheur Co. Oregon





# Picture Jasper

Queen Picture Jasper  
aka Queenstone  
SE of Marsing, Owyhee Co. Idaho



# Picture Jasper

Rocky Butte  
Malheur Co. Oregon

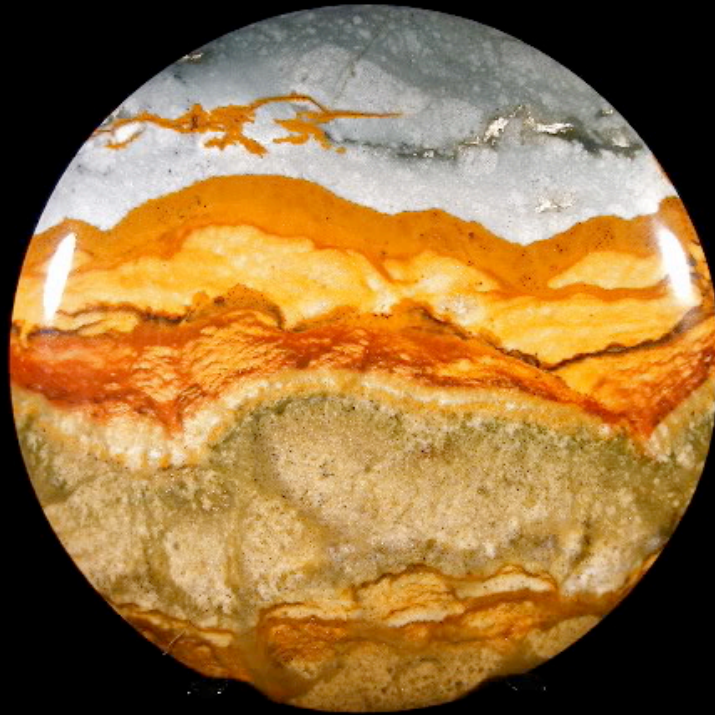


photo by Dan Heuer



photo by Daniel Bontempo

# Picture Jasper

Rocky Butte  
Malheur Co. Oregon



# Picture Jasper

Sunset Jasper  
Malheur Co. Oregon



# Picture Jasper

Vistaite

Crook Co. Oregon



# Picture Jasper

Vistaite

Crook Co. Oregon



# Picture Jasper

## War Eagle Jasper

Malheur Co. Oregon



# Picture Jasper

Wild Horse Picture Jasper  
Malheur Co. Oregon



photo by Mel Hixson



photo by Stones that Rock



photo by Geoffrey Hubbs



# Picture Jasper

## Willow Creek

SE of Emmett, Ada Co. Idaho



photo by Steven Speers



photo by Stoneviews.com



photo by Eric Perkins

# Picture Jasper

## Willow Creek

SE of Emmett, Ada Co. Idaho



photos by Bob Rush

# Picture Jasper

## Willow Creek

SE of Emmett, Ada Co. Idaho



photo by Liz Donaugh



photo by Mel Hixson

# Picture Jasper

Willow Creek

SE of Emmett, Ada Co. Idaho



## Section 10: Jasper Miscellaneous

### Miscellaneous Jasper Material

- 278 - Belvade Jasper - OR
- 279 - Chaparral Blue - OR
- 280 - Crayola Jasper - NV
- 281 - Gary Green Jasper - OR
- 282 - Goldfield Jasper - NV
- 283 - Halloween Jasper - ID
- 284 - Haystack Butte Jasper - OR
- 285 - Kaleidoscope Jasper - OR
- 286 - Owyhee Cherry - OR\*\*
- 287 - Owyhee Green - OR\*\*
- 288 - Sunset Jasper - OR
- 289 - Tahoma - WA
- 291 - Thunderstorm Jasper - OR
- 292 - Tonopah Jasper - NV

\*\*Jaspers from the Owyhee region of Oregon

# Jasper Miscellaneous

Belvade Jasper  
aka 'Belvidere Jasper'  
Burns, Harney Co. Oregon

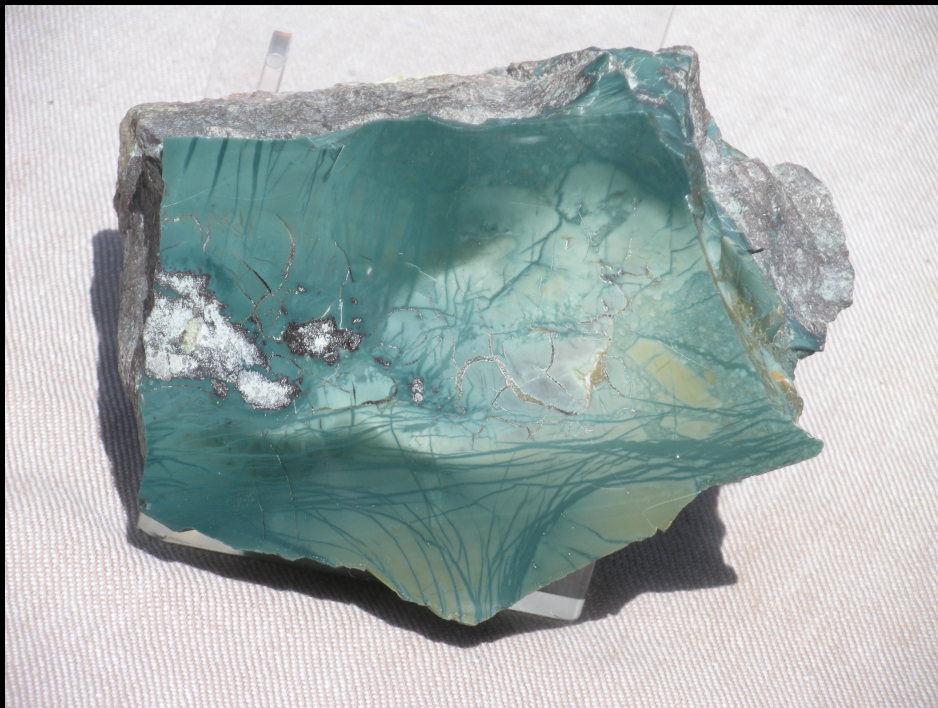
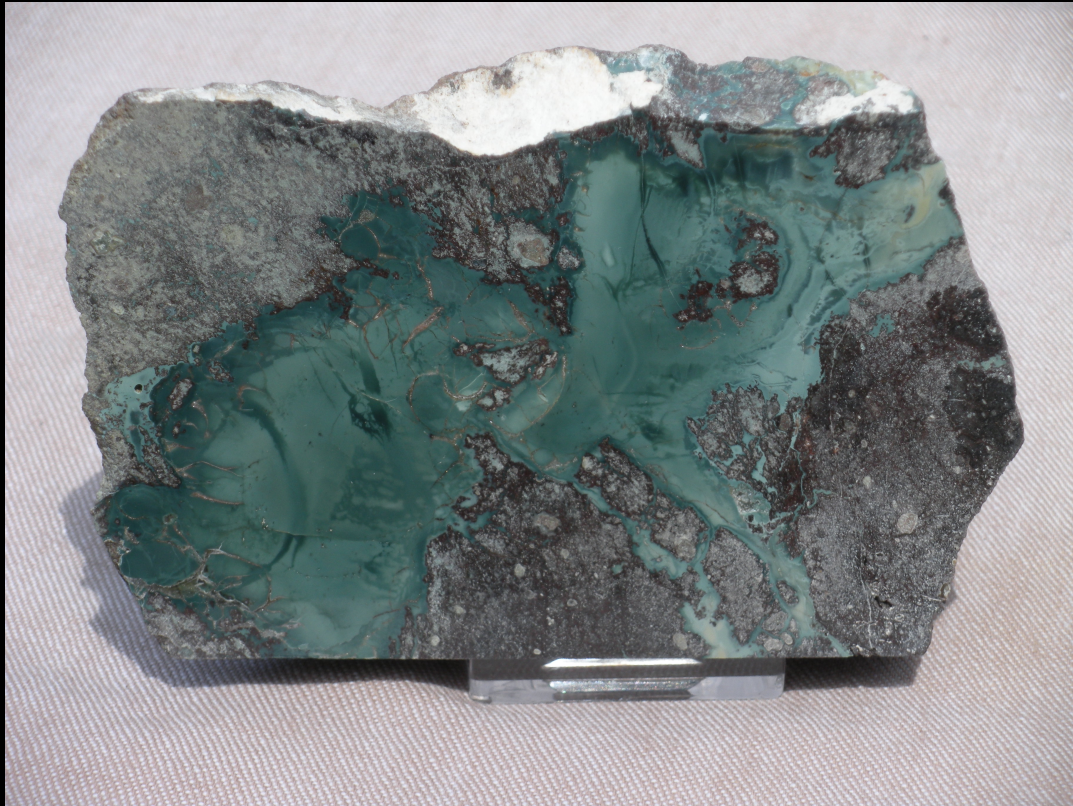


# Jasper Miscellaneous

## Chaparral Blue

S of Clamo

Wheeler Co. Oregon



# Jasper Miscellaneous

## Crayola Jasper Nevada





# Jasper Miscellaneous

Gary Green  
aka 'Larsonite'

McDermitt, Malheur Co. Oregon



# Jasper Miscellaneous

Gemfield Jasper  
aka 'Bullseye Agate'  
Goldfield, Esmeralda Co. Nevada



photo by VGMS



photo by Mel Hixson

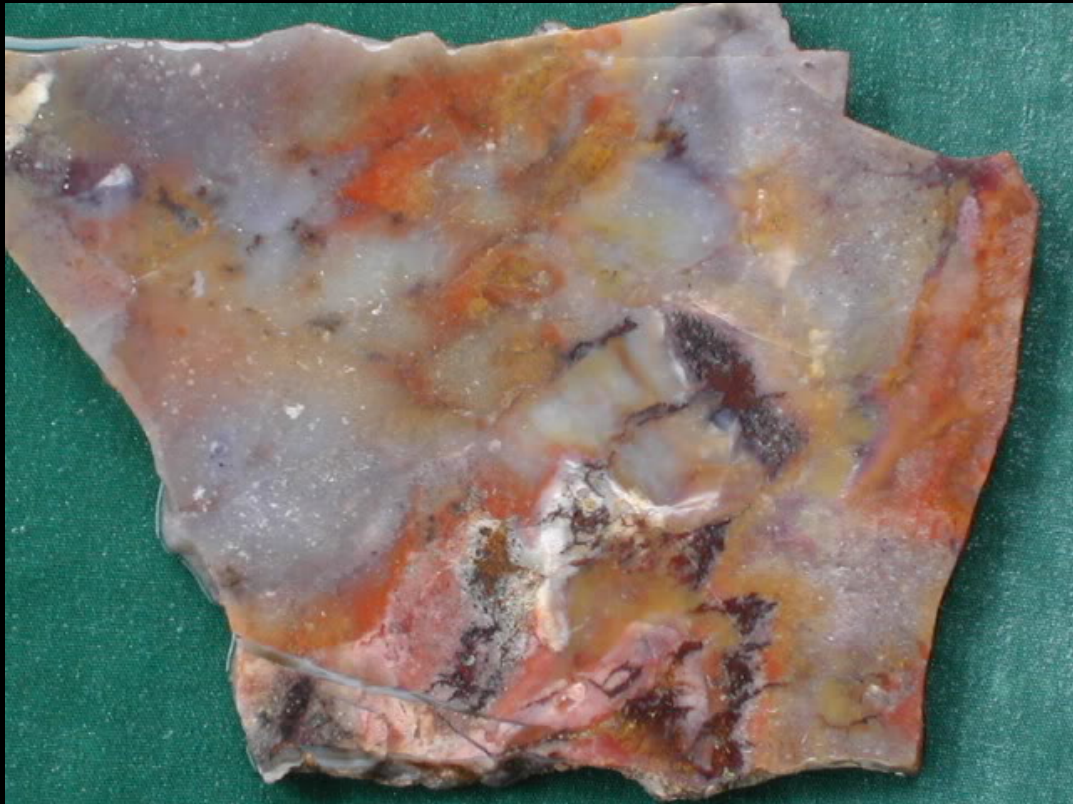
# Jasper Miscellaneous

Halloween Jasper  
Challis, Custer Co. Idaho



# Jasper Miscellaneous

Haystack Butte Jasper  
aka 'Jellybean Jasper'  
Haystack Mtn, Malheur Co. Oregon



# Jasper Miscellaneous

## Kaleidoscope Jasper SE Oregon



photos by Ed Orekar

photo by Geoffrey Hubbs

# Jasper Miscellaneous

Owyhee Cherry  
Malheur Co. Oregon



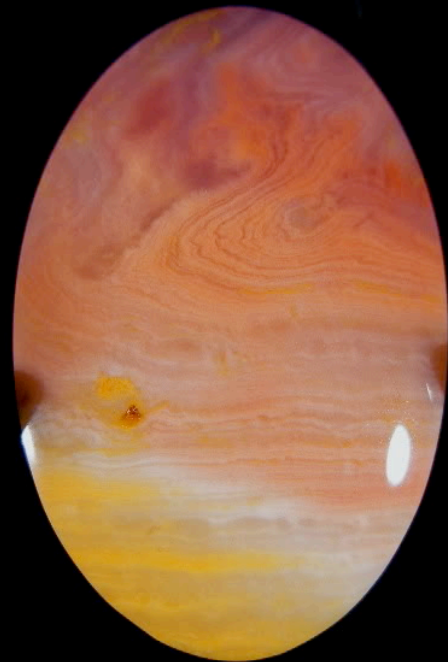
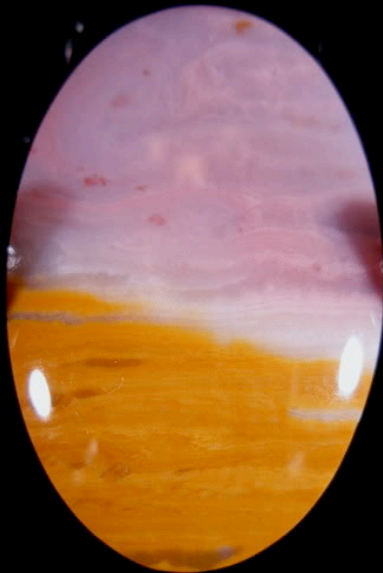
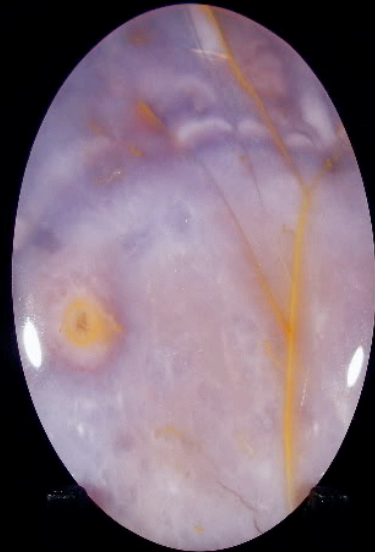
# Jasper Miscellaneous

Owyhee Green  
Malheur Co. Oregon



# Jasper Miscellaneous

Sunset Jasper  
Richardson's Ranch,  
Jefferson Co. Oregon





# Jasper Miscellaneous

## Tahoma

Mt. Ranier, Washington



photos by Geoffrey Hubbs



photos by Dan Heuer

# Jasper Miscellaneous

## Tahoma

Mt. Ranier, Washington



photo by Liz Donaugh



photo by Charley Price

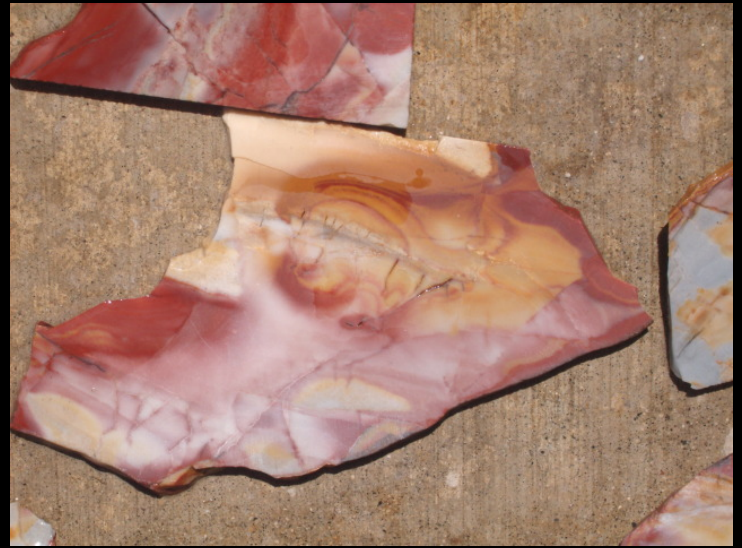
# Jasper Miscellaneous

## Thunderstorm Jasper Cape Meares, Tillamook Co. Oregon



# Jasper Miscellaneous

## Tonopah Jasper Tonopah, Nye Co. Nevada



# Section 11: Other Quartz Material

## Other Quartz Material

294 - Opal -- George - WA

295 - Opal, Precious -- Spencer - ID

\*\*\* -- Virgin Valley - NV (See Limb Casts)

296 - Rhyolite -- Flowering Jasper - NV

297 - Rhyolite -- Lily pad Jasper - OR

298 - Rhyolite -- Rose Eye Jasper - OR

299 - Rhyolite -- Spiderweb Jasper - OR

300 - Wonderstone -- Fallon - NV

301 - Wonderstone -- Monte Cristo Mtns - NV

# Opal - Common

George  
Grant Co. Washington



# Opal - Precious

Spencer  
Clark Co. Idaho



# Rhyolite

## Flowering Jasper

Nevada





# Rhyolite

Lilypad Jasper  
Madras,  
Jefferson Co. Oregon

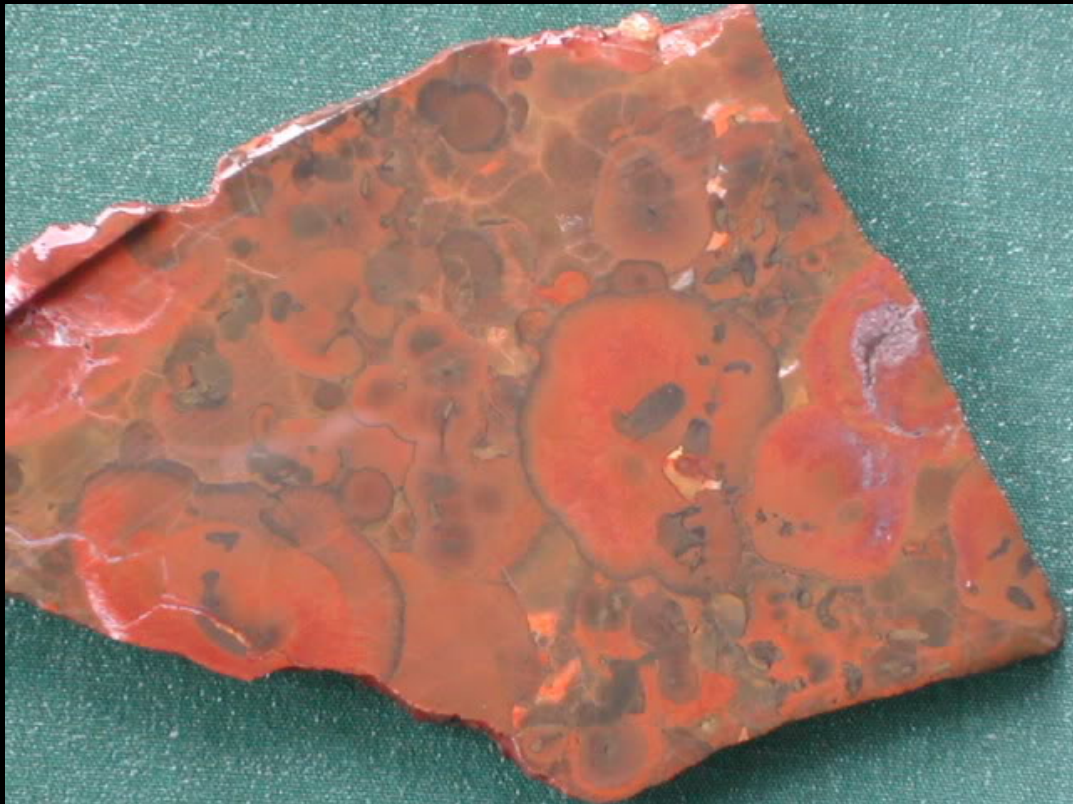


# Rhyolite

Rose Eye Jasper

Heppner, Malheur Co.

Oregon



# Rhyolite

## Spiderweb Jasper

Heppner, Malheur Co. Oregon



photo by Mel Hixson



photo by Stoneviews



photo by Sheri Donovan

# Wonderstone

## Fallon

Churchill Co. Nevada



photo by Gerald Woodside



photos by Geoffrey Hubbs

# Wonderstone

Monte Cristo Mountains

Tonopah, Nye Co. Nevada



photo by Mel Hixson



photo by Ron Wise

## Section 12: Peripheral Material

### Peripheral Material

303 - Jade -- Chromoflec Mine - WA

304 - Jade -- Teanaway River - WA

305 - Jade -- Zebra Jade - WA

306 - Rhodonite - Oregon Caves - OR

307 - Turquoise - Stormy Mountain - NV

# Jade

Chromoflec Mine  
Darrington,  
Snohomish Co. Washington



# Jade

Teanaway River  
Teanaway,  
Kittatas Co. Washington





# Jade

## Zebra Jade

Darrington,  
Snohomish Co. Washington



# Rhodonite

Oregon Caves  
Central Oregon



# Turquoise

## Stormy Mountain

Elko Co. Nevada



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# Additional Publications

## 2012 American Agate - Jasper Index

Volume 1: Southwest -- Arizona, New Mexico, Colorado, Utah

[http://www.mediafire.com/file/wuczkn3t1crqy5/2012\\_Agate\\_Index\\_Vol\\_1\\_Southwest.pdf](http://www.mediafire.com/file/wuczkn3t1crqy5/2012_Agate_Index_Vol_1_Southwest.pdf)

Volume 2: Northwest -- This Volume

Volume 3: California -- Currently in Production

## ARTISTS OF AGATE Portfolios

The idea for the Artists of Agate series of portfolios originated with the work being done on the Agate/Jasper Index. There are so many wonderful artisans and photographers who offered their work to the Index. Unfortunately there were many more photos these people shared than I could have used. Producing a portfolio of their work for free downloading seemed to be a way of publishing more of their incredible shots without the limitations of the database's goal. It also permitted the publication of images of international material that falls outside the Database's boundaries.

These portfolios are produced with the permission and aid of the featured artist. They hold all rights to the photos contained within the portfolios.

Lowell Foster

### Lakers and other Pieces from the North

by Steve Haynes

[http://www.mediafire.com/file/1c9a8m74a899dc0/2011\\_Portfolio\\_-\\_Steve\\_Haynes\\_'Lakers'.pdf](http://www.mediafire.com/file/1c9a8m74a899dc0/2011_Portfolio_-_Steve_Haynes_'Lakers'.pdf)

### Rare Earths and other Alien Landscapes

by Dan Heuer

[http://www.mediafire.com/file/z7vv6naatv6ifs4/2011\\_Portfolio\\_-\\_Dan\\_Heuer\\_'Rare\\_Earths'.pdf](http://www.mediafire.com/file/z7vv6naatv6ifs4/2011_Portfolio_-_Dan_Heuer_'Rare_Earths'.pdf)

### The Lapidary Alphabet

by Dan Heuer

[http://www.mediafire.com/file/b11c6aicooyynln/2011\\_Portfolio\\_-\\_Dan\\_Heuer\\_'Lapidary\\_Alphabet'.pdf](http://www.mediafire.com/file/b11c6aicooyynln/2011_Portfolio_-_Dan_Heuer_'Lapidary_Alphabet'.pdf)

### Brazilians and other Oversized Creations

by Bob Rush

[http://www.mediafire.com/file/7174vfgs7b83f94/2011\\_Portfolio\\_-\\_Bob\\_Rush\\_'Brazilians'.pdf](http://www.mediafire.com/file/7174vfgs7b83f94/2011_Portfolio_-_Bob_Rush_'Brazilians'.pdf)

# Final Word

This series is considered to be a 'living' document, one that will expand and become more complete as additional rockhounds volunteer images of their collections for our use. Updates will be made and the date of the the last change will be posted on this page. Please go to *Rock Tumbling Hobby* at <http://andy321.proboards.com/index.cgi?board=ccabs&action=display&thread=39253> for updates and new information.

Future volumes, already begun, will focus on other regions of the United States. Volume 3/2012 will list material in the state of California. The final index will act as a visual glossary of agate and jasper terms, include man-made material, as well as provide an index that will cover the entirety of the series.

We thank everyone who has helped, will help, or supports this endeavor. Please spread the word about this project. We are hoping more collectors across the United States will participate. If you have images of material to add to this index or suggestions on how this index could be improved, please e-mail them to [lowelfos@yahoo.com](mailto:lowelfos@yahoo.com)

Sincerely,

Index Editor, Lowell Foster  
Assistant Editor, Mel Hixson  
Special Editor - Volume 2, Jason Hinkle  
<http://www.oregonthundereggs.com/>

2012 Volume 2 - Northwest  
June 29, 2012

## A Note of Explanation

We are aware many of the illustrated materials are not actually agate or jasper, but because lapidaries are accustomed to encountering materials identified by common or trade names rather than an actual scientific identification, for the purposes of this index, all quartz lapidary materials will be included and identified by commonly used names when available.



# Appreciations

Rock Tumbling Hobby

<http://www.rocktumblinghobby.com/>

For experienced and beginners alike!

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*Oregonthundereggs.com*



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