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







Volume 2 : Northern States
Wyoming - Montana

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Jade

### Coprolites

# Cody reputed coprolite



### **Agatized Fossils**

# Turritella Agate Delaney's Rim Wamsutter





#### **Agatized Fossils**



#### With Wood





#### **Agatized Fossils**

# Stromatolite Delaney's Rim Wamsutter





#### **Petrified Wood**

### Blue Forest



# Petrified Wood Eden Valley





# Petrified Wood Shirley Rim









#### **Petrified Wood**

## Wiggins Fork







#### **Petrified Wood**

# Absaroka Mountains north of Dubois

Fully agatized limb casts. Many contain opal. Site closed.





#### **Sweetwater Agate**

(aka Sage Hen Creek Agate) Sweetwater River, near Jeffery City
Most fluoresce pale green under UV light





Some show uranium traces





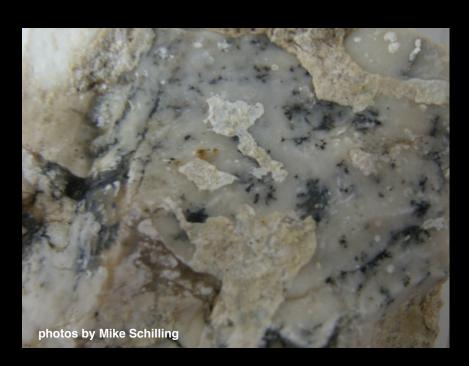
#### Medicine Bow Dendritic Agate

Manganese mining district north of Medicine Bow



### Cedar Rim Dendritic Agate

north of Sweetwater Station









#### Sagebrush Dendritic Jasper

(aka South Pass Dendritic Jasper) (aka Mosquito Agate) South Pass



Similar Material from Dry Creek, SW of Rattlesnake Mountains



#### **Moss Material**

### Lysite Agate Lysite





### **Moss Material**





#### **Brecciated Material**

# Stefoinite exact location unknown (Green River Basin?)



#### **Brecciated Material**

### Youngite

Near Glenwood Reservoir, Guernsey (site now closed)

Fluoresces very bright green







#### Casper Mountain Red Agate

Casper Mountain (more like jasper or chert)







#### Honey Agate Shirley Rim



Glenrock (limestone geodes)





# Iris Agate Gravel beds of Wind River near Riverton



#### Marshall Road Agate Marshall Road, Shirley Rim





# Banded Onyx Granite and Rattlesnake Mountains





#### **Jasper - Miscellaneous Forms**

#### Casper Mountain Marbled Jasper

Silicified Dolomite

(nearly identical to Alibates Chert from Texas)







#### **Jasper - Miscellaneous Forms**

# Jade Field Jaspers Central Wyoming





### Peripheral Material

# Wyoming Jade









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# Section 2: Montana

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Dryhead Agate
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### **Nodular Agate**

### Bear Canyon Agate





#### Nodular Agate

# Dryhead Agate Pryor Mountains near Yellowtail Dam (location currently closed)







# Montana Agate gravels of Yellowstone River







#### Contributors

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#### Other Volumes Available

Volume 1: Mountain States - Utah & Colorado

http://www.4shared.com/file/221879833/810dc669/Agate\_Index\_Vol\_1.html?

#### 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 name rather than an actual scientific identification, for the purposes of this index, all quartz lapidary materials will be included and identified by commonly used name when available.

#### **Final Word**

The American Agate - Jasper Index is being produced to fill a large gap in the comprehensive coverage of agates and jaspers in the United States. The intention of this series of volumes is to provide agate and jasper collectors a tool for identifying unknown material they encounter.

The American Agate - Jasper Index is produced through the cooperation of rockhounds across the United States. This database is compiled through images and information freely provided to the editors of this index. Credit for submitted material is given in the final document if desired. As it is a free database, copying and distributing is allowed, but for no reason should this work, or any of the other volumes, be offered up for sale at any price. This database is meant to be a free reference work.

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 to be added. 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 <a href="http://andy321.proboards.com/index.cgi">http://andy321.proboards.com/index.cgi</a> for additional information.

The editors of this project are planning on producing in the future a white-background version to allow easier printing. Traditional indexes are also being prepared to be added at the end of each volume. These will include locations, alternative names, and associated material.

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* initiated the conversation that set the spark for this project, and his contribution to the first Volume helped us maintain our excitement that this crazy idea might work.

Sincerely,

Lowell Foster Mel Hixson

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