

# Rock & Gem

Volume 39, Number 8

August 2009

## ON THE COVER

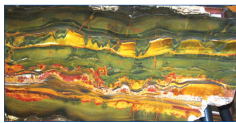
Herkimer diamonds are not smoky because of natural radiation, but because they contain very tiny bits of hydrocarbon; heating them does not change their color. This specimen was found in the Little Falls, New York, area. (Steve Chamberlain specimen and photo)

## FEATURES

Herkimer, New York, Quartz ..... 12  
Crystals so gemmy they're called "diamonds"  
by **Bob Jones**

The Forgotten Collectors..... 22  
Tales from decades of digging  
Herkimer diamonds  
by **Joseph A. "Hawkeye" Kapelewski**

Remarkable Quartz..... 34  
It's the cornerstone of the lapidary and  
mineral collecting hobbies  
by **Bob Jones**



Rock & Gem Kids..... 46  
Turritella fossils, a junior lapidary, and a quiz

Artist Profile:  
Lois Brandt Phillips..... 50  
This painter uses stone as her canvas  
by **Curtis L. Handy**

12



28



50



**SUBSCRIPTION QUESTIONS? Call (760) 291-1549**

### Printed in U.S.A.

Notice: On rare occasions, typographical errors occur in prices listed in magazine advertisements. For this reason, advertisements appearing in *Rock & Gem* should be considered as requests to inquire, rather than as unconditional offers to sell. All prices are subject to change without notice.

*Rock & Gem* (ISSN 0048-8453, USPS 486-290) is published monthly by JMiller Media (Miller Magazines, Inc.), 290 Maple Ct., Ste. 232, Ventura, California 93003-3517, telephone (805) 644-3824. Periodicals postage paid at Ventura, CA 93006, and additional mailing offices. Single-copy price \$4.99. Subscription in U.S.A. and possessions: 1 year (12 issues) for \$27.95; 2 years for \$49.95; 3 years for \$66.95. Add \$15.00 per year postage for Canada and all other foreign countries. Submission of articles and photos by our readers is welcome, but we can accept no responsibility for loss or damage to unsolicited editorial contributions. Copyright 2009 by JMiller Media (Miller Magazines, Inc.)

**POSTMASTER:** Send address changes to  
*Rock & Gem*,  
P.O. Box 469113, Escondido, CA 92046-9113  
or [RockAndGem@pcspublink.com](mailto:RockAndGem@pcspublink.com)

The Rock Food Table ..... 58  
A taste of Bill and Lois Patillo's amazing exhibit  
by **Lori Carter**

## FIELD TRIPS

Bullards Beach Rockhounding ..... 28  
Collect agate, jasper and petrified wood on the  
Oregon Coast  
by **Barbara Caswell**



Black Water and Bones ..... 66  
Hunting fossils in South Carolina's Cooper River  
by **Richard Jacquot**

## REGULAR COLUMNS

All She Wrote..... 6	Picks & Pans..... 40
Craftsman of the Month .... 8	Off the Dop..... 62
Show Dates..... 10	How to Subscribe Online... 71
Shop Talk ..... 20	Many Facets..... 77
Contest Rules ..... 21	On the Rocks..... 78
Rock Science ..... 26	Field Notes..... 80