

# Rock & Gem

Vol. 35/Number 9 September 2005

## FEATURES

### The Frugal Collector: The Tourmalines

Part II: Multicolor varieties are collector favorites  
by Bob Jones

### Mineral Chameleons

These rocks change color under ultraviolet light  
by Bill Evans

### Brazil's Amethyst Geodes

South America's deposits supply the world  
by Brad L. Cross

### Roadside Panning Sites in California

Part VI: Riverside, Sacramento,  
and San Benito county sites  
by David and Clois Walker

### Argentina's Condor Agate

See them on display at the 2005 Munich show  
by Bob Jones

### Rock & Gem Kids

Mineral families and a wire wrap project  
by Steve Decker

### Badges of Merit

Turning Pebble Pups into full-fledged Rockhounds  
by Lynn Varon

### Rocky Mountain Dinosaurs

A world-class museum opens in Colorado  
by Steve Voynick

### Making and Selling Jewelry

Part I: Hints to help the hobbyist increase sales  
by Rick Olmstead

12

20

28

34

40

48

60

66

72



## FIELD TRIP

### Collecting Grassland Agates 88

Nebraska's Buffalo Gap has fossils,  
petrified wood, and more  
by Kenneth H. Rohn

## PROJECTS

### Make a Citrine Necklace 50

Peach aventurine complements  
this golden gem  
by Judy Atwell

### Doing It Right: Bezel Mounts 80

Give your jewelry a professional finish  
by Rick Olmstead

## REGULAR COLUMNS

Craftsman of the Month.....6	Off the Dop.....76
Show Dates.....8	Rock Science.....84
Shop Talk.....18	Many Facets.....86
Picks & Pans.....46	On the Rocks.....96
Lapidary Lore and More.....58	

Miller  
Magazines, Inc.

Rock & Gem (ISSN 0048-8453, USPS 486-290) is published monthly by 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 \$3.99. Subscription in U.S.A. and possessions: 1 year (12 issues) for \$24.00; 2 years for \$42.00; 3 years for \$54.00. Add \$9.00 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 2005 by Miller Magazines, Inc.

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.

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

## ON THE COVER

Tourmaline crystals from Maine and from California's Himalaya Mine are from the collection of Bill Larson, Pala International. (Photo by Harold and Erica Van Pelt)

**BOB JONES** Senior Consulting Editor; **LYNN VARON** Managing Editor; **MARY ROBERTSON** Art Director; **CARRIE MEADOWS-HARTMANN** Graphic Designer; **JOE HOWARD** Graphic Artist; **DANA GURNEE** Production Assistant; **STEVE DECKER**, **WILLIAM A. KAPPELE**, **ROGER McPHERSON**, **JIM PERKINS**, **DIANE PROKOP**, **STEVE VOYNICK** Contributing Editors; **BRIAN ROBERTS** Advertising Director; **MARLENA COLLIER-MIGACZ** Classified Advertising Manager; **LEE MARTIN** Advertising Advisor; **CELESTE WEINGARDT** Advertising Production Manager; **DRAY BANKS** Advertising Production; **RAMONA HARVEY** Circulation Manager; **JEFF SHOOP** Publisher

### EDITORIAL SUBMISSIONS:

Lynn Varon / *Rock & Gem*  
290 Maple Ct., Suite 232, Ventura, CA 93003  
(805) 644-3824 ext. 29  
e-mail: editor@rockngem.com

### ADVERTISING INQUIRIES:

Brian Roberts / *Rock & Gem*  
11288 S. Indian Wells Dr., Goodyear, AZ 85338  
(623) 327-3525 phone/fax  
e-mail: brian@millerlags.com