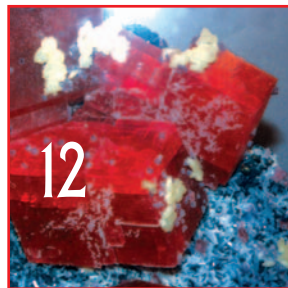


Rock & Gem

Volume 36, Number 6

June 2006



FEATURES

Colorado Minerals

Part I: Amazonite, rhodochrosite and barite head the list

by Bob Jones

The Frugal Collector: More Sulfates

Part II: Blödite, hanksite, glauberite, and leadhillite

by Bob Jones

The Bancroft Gemboree

Ontario's annual rock show and collecting mecca

by Pat Kerr

Roadside Panning Sites in Texas

Part V: Presidio, Randall, Reeves, San Partico, Starr, and Taylor counties

by David and Clois Walker

Collecting Rocks

Rocks tell the story of the Earth

by Rachel M. Barker, USGS

Rock & Gem Kids

How to tell rocks from gems

by Steve Decker

Field Trip Outfitters

Equipment for the well-appointed rockhound

12 FIELD TRIPS

Lake Chatuge Corundum 48

Crystals surface from underwater mines in North Carolina

by Richard J. Jacquot

20 Erie Horseshoe Crab Fossils 64

Pennsylvania's best-kept collecting secret

by Robert Beard

28 Herkimer Hunting at Crystal Grove 72

A New York mine offers family fun

by Barbara Burgess

34 Graves Mountain Mineral Collecting 80

Finding rutile, hematite and goethite in Georgia

by Michael Streeter

44 REGULAR COLUMNS

Craftsman of the Month.....6	Off the Dop.....62
Show Dates.....8	How to Subscribe.....67
Shop Talk.....18	Rock Science.....78
Picks & Pans.....26	On the Rocks.....88
Many Facets.....56	
Subscriber Service Information.....61	

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 \$4.99. 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 \$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 2006 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

Specimens from Jeff Scovil's personal collection include (clockwise from top center) smoky quartz, quartz, serandite, an amethyst quartz scepter, elbaite tourmaline, amethyst, blue amazonite, red vanadinite, and water-clear Herkimer diamonds. (Photo by Jeff Scovil)

SUBSCRIPTION QUESTIONS? Call (760) 291-1549

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; **ROBERT BEARD, STEVE DECKER, WILLIAM A. KAPPELE, JIM PERKINS, DIANE PROKOP, KENNETH H. ROHN, STEVE VOYNICK** Contributing Editors; **BRIAN ROBERTS** Advertising Director; **MARLENA COLLIER-MIGACZ** Classified Advertising Manager; **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