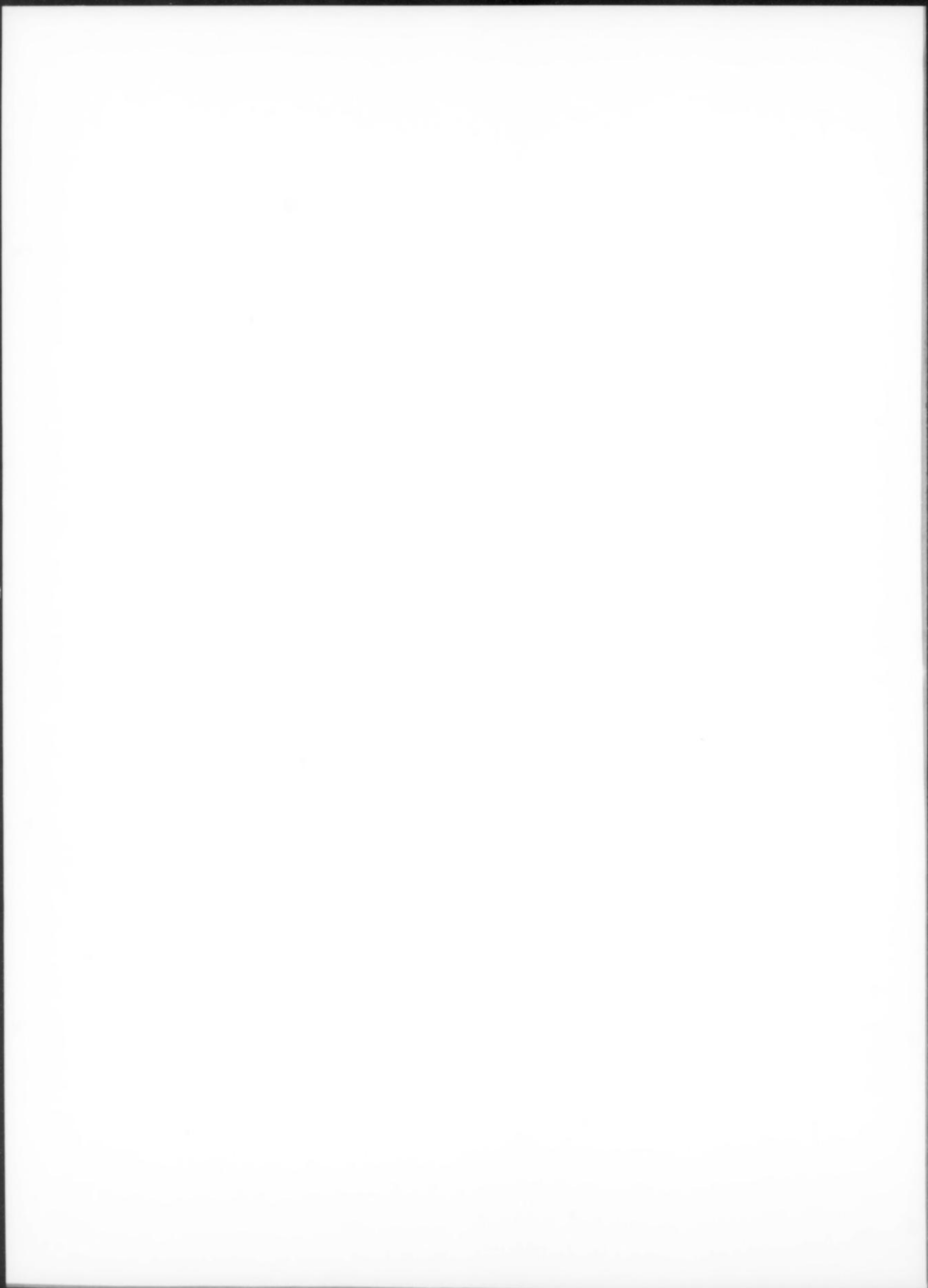


Private Mineral Collections
in **TEXAS**





Private
Mineral Collections
in
TEXAS



With an Introduction by
Wendell Wilson,
Wally Mann & Gary White

A SUPPLEMENT TO THE MINERALOGICAL RECORD, JANUARY–FEBRUARY 2009

Private Mineral Collections in Texas

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The largest crystal measures 3 cm

Heights mine, Weardale, County Durham, England.

Stuart Strife collection; self-collected by Richard Barstow in 1977;

ex Richard Barstow collection, ex Eric Asselborn collection.

Joe Budd photo

Back cover:

(upper left) **Elbaite**, 4.5 cm, Sapo mine, Goiabeira,

Minas Gerais, Brazil; Gus Eifler collection;

Joe Budd photo.

(upper right) **Elbaite**, 7.8 cm, Himalaya mine,

San Diego County, California; Kevin Brown collection;

Jeff Scovil photo.

(lower left) **Amazonite microcline** with smoky quartz,

8.5 cm, Tree Root pocket, Two Point claim,

Teller County, Colorado; Karl Warning collection;

Jeff Scovil photo.

(lower right) **Aquamarine beryl**, 10.5 cm, Braldu Valley,

Skardu, Northern Areas, Pakistan; Marc Countiss collection;

Joe Budd photo.

This special supplement was
funded entirely by the participating members of
The Mineralogical Association of Dallas
and **The Houston Area Mineral Society**



Introduction

Mineralogical societies in Texas were first organized in the 1940s, probably beginning with the Texas Mineral Society, headquartered in Dallas in 1943. Membership in the TMS was open to any Texan interested in collecting and studying rocks and minerals, and there was probably also a strong amateur lapidary component, as there was in most such organizations of that time. The initial annual fee was \$1 per year, and members received a monthly bulletin, *The Texas Mineral Society News Letter*, which discussed interesting Texas minerals and mineral localities. In 1946 the society sponsored an exhibition of gems and minerals at the Dallas Museum of Art.

Since that time over 45 similar organizations have been established in Texas, including the East Texas Mineral Society, the Central Texas Gem and Mineral Society, the Austin Gem and Mineral Society, the Fort Worth Gem and Mineral Club, the Dallas Gem and Mineral Society, the Houston Gem and Mineral Society, and many others. Of these, the two most important organizations representing exclusively the serious mineral collectors of Texas are the Mineralogical Association of Dallas ("the MAD Group") and the Houston Area Mineral Society ("the HAMS Group"). Members of these two organizations often sponsor group exhibits at the major shows in Tucson, Denver and elsewhere, and they are also the sponsors of this special supplement depicting some of the finest specimens in their members' collections.

MAD

In the early 1970s, several members of the Dallas Gem and Mineral Society began to develop an interest in the idea of forming a new organization just for serious mineral collectors, without any emphasis on lapidary or rockhounding. The concept took shape in more detail on Saturday, September 16, 1978, at the 11th annual Pleasant Oaks Gem and Mineral Show held in the Villa Inn Motel in Mesquite, Texas. Jim Ferguson, Ed Ruggiero and Marty Zinn, standing in front of the McGregor & Watkins mineral booth, got to talking about the idea of forming a new organization; they then brought Jim Merrett and Ken and Loretta Wilson in on the discussion, and they all decided it was time to move forward with their idea.

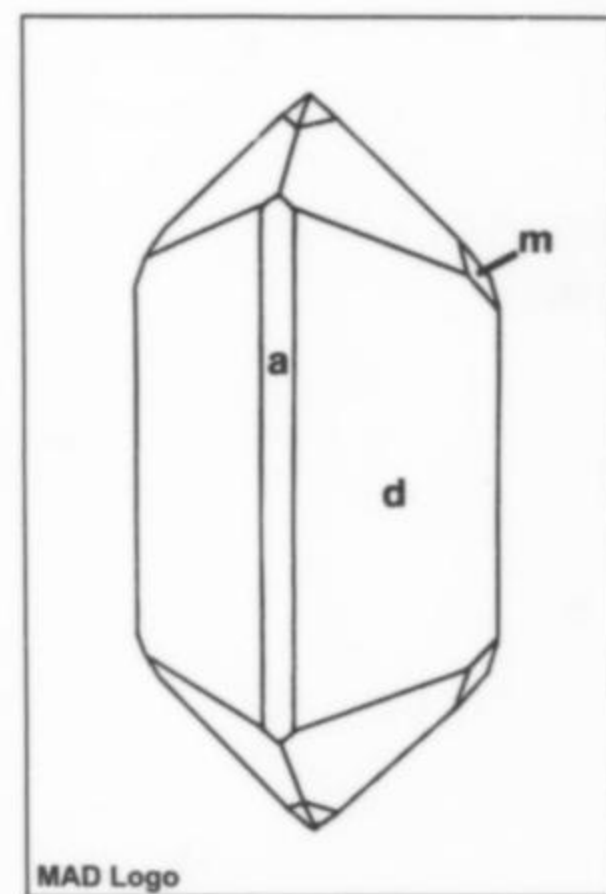
Fourteen people attended an organizational meeting at Jim and Marjorie Ferguson's home on Saturday, January 13, 1979, and Jim was elected the first "coordinator." Ed Ruggiero and Marty Zinn flipped a coin to see who would be the second and third coordinators. After that the tradition of the coordinator's job going to the person absent from the election meeting was born. The name "Mineralogical Association of Dallas" was formally adopted on July 7, 1979, in a meeting held at Rick and Cholly Rolater's home.

The MAD logo was designed by Connie Bovier and Jim Merrett, and was approved in March 1981.

The new association was immediately successful, aided especially by mineral dealer Julius Zweibel, who moved to Houston in 1982; Julius played a key role by bringing to Jim Ferguson's attention the names of serious mineral collectors in the Dallas area. Over the years, the group has continued to gain new members, contributing substantially to its viability and success.

HAMS

The Houston Area Mineral Society is a relatively new group of mineral collecting enthusiasts that officially formed in 2004. The Houston group developed in response to three main driving elements that were present in the local area. One of these was the influence of the Houston Museum of Natural Science and its mineral-loving curator (now president) Joel Bartsch. Joel was instrumental in connecting area collectors with one another and often discussed the benefits of a collecting group with one of the founding members, David Bristol. The second element came from the desire of transplanted



MAD Logo

Houston Area
HAMS
 Mineral Society

MAD members Stuart and Barbara Strife, Jim and Imelda Klein, and Gary and Rosemary White to participate in a new collecting group with a similar focus in the Houston area. The third impetus came from the mineral dealer community. Prominent among them in the formational stage were Rob Lavinsky of the Arkenstone, Herb Obboda, and Steve Behling of Collectors Edge Minerals.

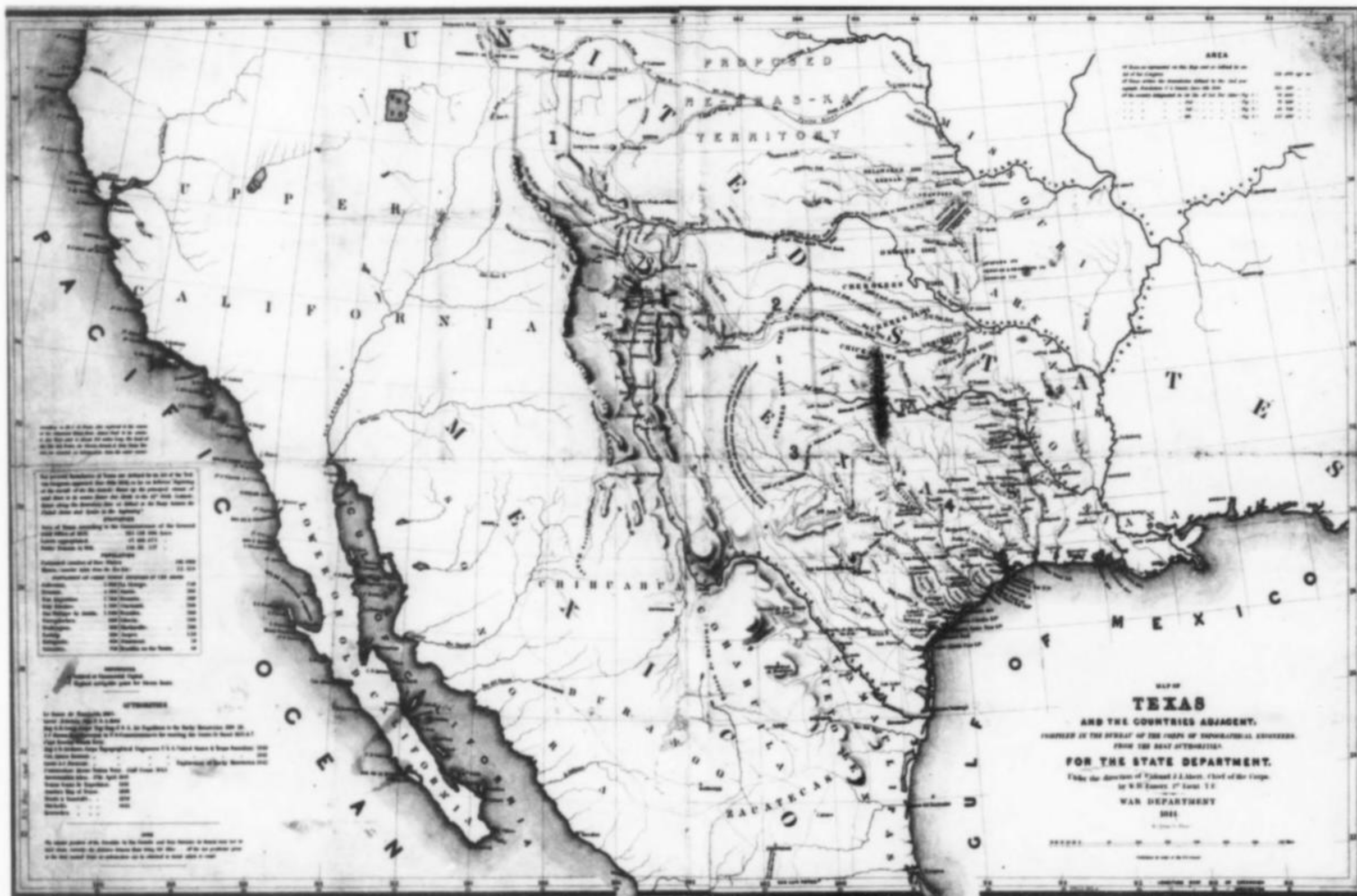
Following a broad exchange of interest-gauging emails, Stuart Strife proposed a pilot meeting to be held on Saturday May 1, 2004 at the home of Gary and Rosemary White. At that meeting the 16 attendees formally decided to establish a collecting group to meet on a monthly basis, and Stuart was elected as the first coordinator.

Although there were several candidates for the name of the group, the "Houston Area Mineral Society" finally won out. This was primarily due to the compelling acronym "HAMS," which was readily embraced by the dealer community and perhaps reflective of the personalities in the group.

The HAMS logo, which is now beloved by the members, was the result of a happy accident. When HAMS decided to sponsor a display case for the Houston Gem and Mineral Society show in 2005, founding member and volunteer case designer Mark Mauthner was puzzled when part of the simple text on his screen printed in an unexpected font. Mark went ahead and used the text as-is for the case display, and it was so well received by the membership that it was adopted as the official logo.

The HAMS group continues to grow and change. The group meets officially eight times a year, from September through November and January through May. A new coordinator is elected each May for the following year. The group meets on weekends to accommodate work and family responsibilities of the members. Meetings are usually held at a member's home to leisurely view their collection, host a guest speaker or a dealer, and share the enjoyment of collecting fine minerals.

Wendell Wilson, Wally Mann and Gary White



Map of Texas in 1844



Texas Collectors

MAD

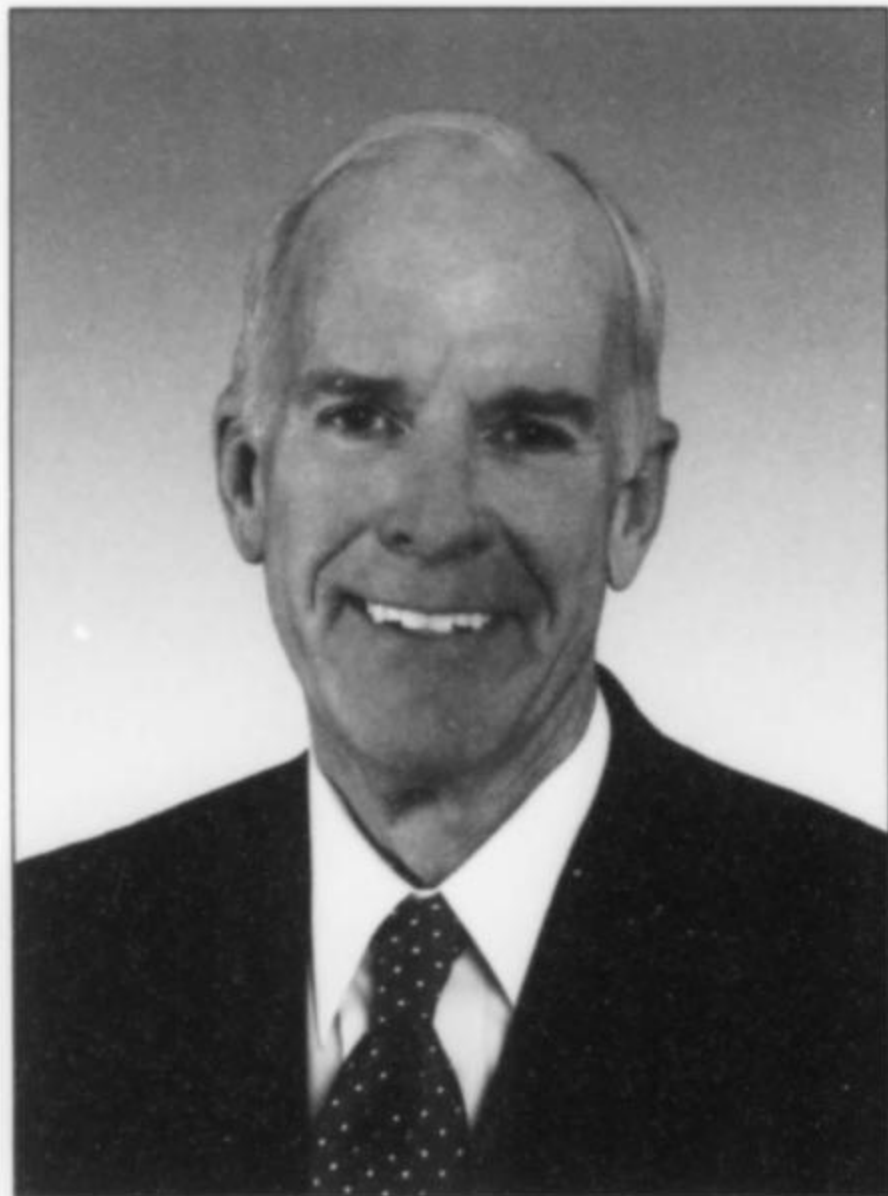
Richardson Beard
Kevin Brown
Diane & Keith Brownlee
Jim Gibbs
Lyda Hill
Shelly & Jim Houran
Rob Lavinsky
Betty Llewellyn
Wally Mann
Mark Pospisil
Jim & Gail Spann
Jeff Starr
Karl & Carol Warning
Stretch & Lynn Young
Marty Zinn

HAMS

David & Marcie Bristol
Marc & Janis Countiss
Gus Eifler
Sandra Gee
Will Heierman
Jim & Imelda Klein
Brent & Janet Lockhart
Mark Mauthner
Glenn & Janis Rising
Kevin Schofield
Tim & Holly Smith
Stuart Strife
Robert Thacker
Gary & Rosemary White



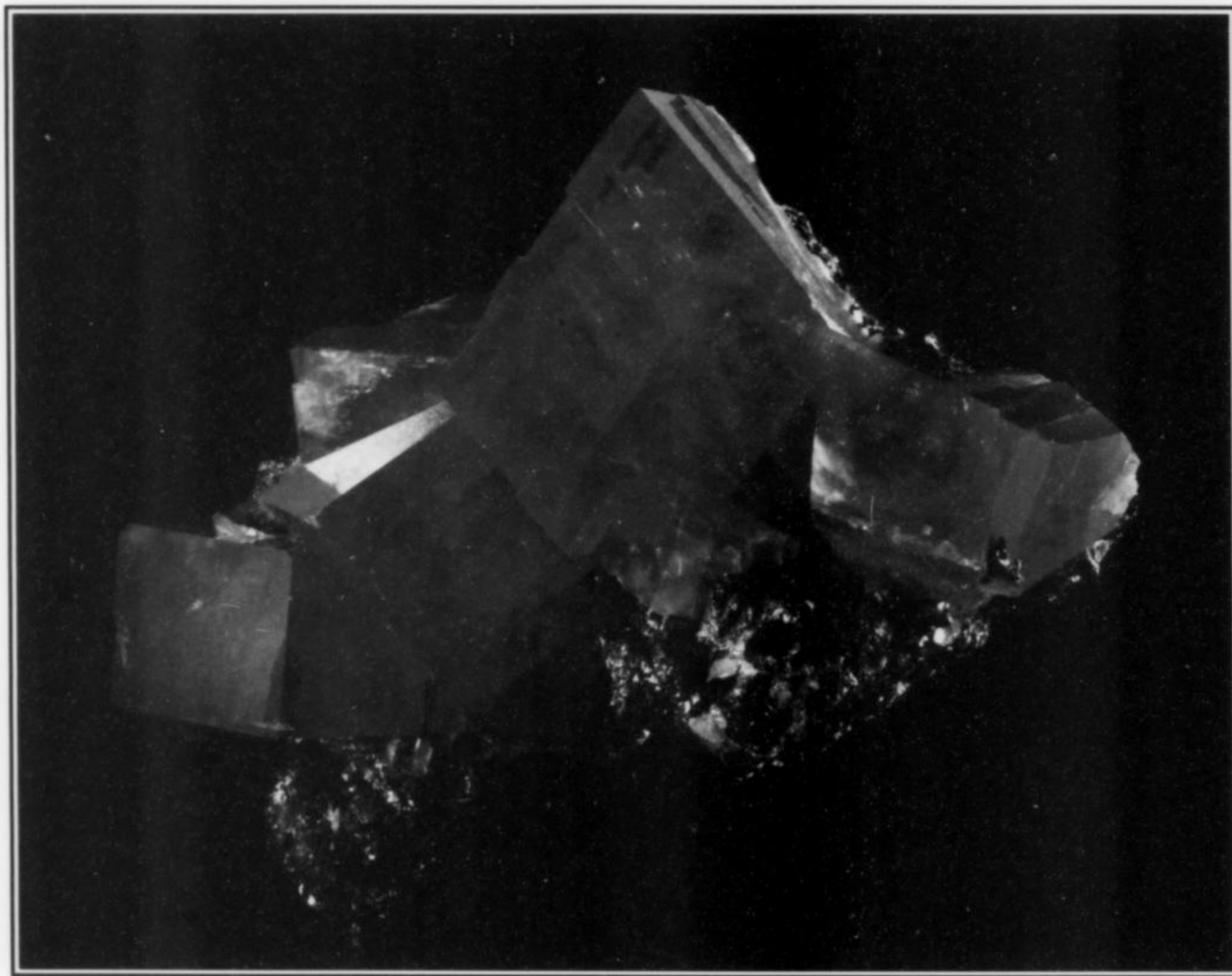
Richardson Beard



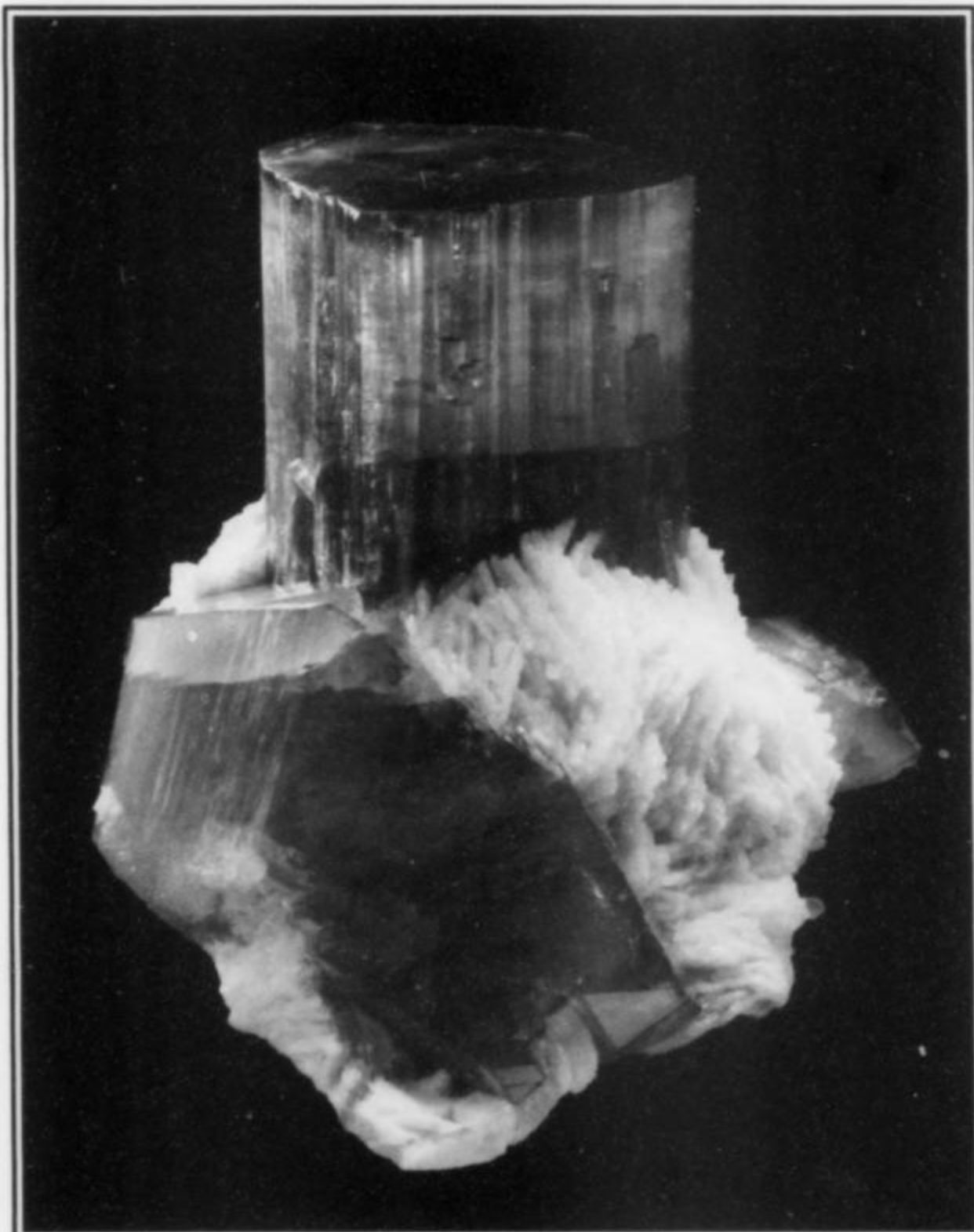
The finest works of art are precious, among other reasons, because they make it possible for us to know, if only imperfectly and for a little while, what it actually feels like to think subtly and feel nobly. (Aldous Huxley)

Several years ago, when I was living on the east coast, Jim Gibbs invited me to a reception at the Dallas Museum of Natural History to see a mineral exhibition on tour from the Houston Museum. In a familiar story, I was hooked at the front door. I began a collection shortly thereafter, but where I lived it was a pretty lonely endeavor. When I later moved to Dallas, with its large and welcoming community, things accelerated.

Minerals offer dimensions of time, natural creativity, and geologic magnitude that rarely present themselves in the events of daily living. When given a reflective moment they seem almost casually to extend an invitation into the cosmos and the unknowable. The path by which they reach me is through their occasional stunning beauty. It is a characteristic that, while something of a fixed standard, still eludes hard definition and often consensus. And though aesthetics can't be quantified, we all enjoy trying, and are advised to give it good weight in collecting decisions. Aesthetics is often the last password in gaining entry to the best of type, and pieces which pass that test are the ones that give me the most pleasure. Minerals of higher caliber seem to provide better assurance of value and liquidity. More importantly, the outstanding examples are those most likely to shed their inertia and carry to a larger sense of place.



Rhodochrosite, 11.5 cm, Good Luck pocket, Sweet Home mine, Alma, Colorado. Ex Steve Smale collection. Joe Budd photo.



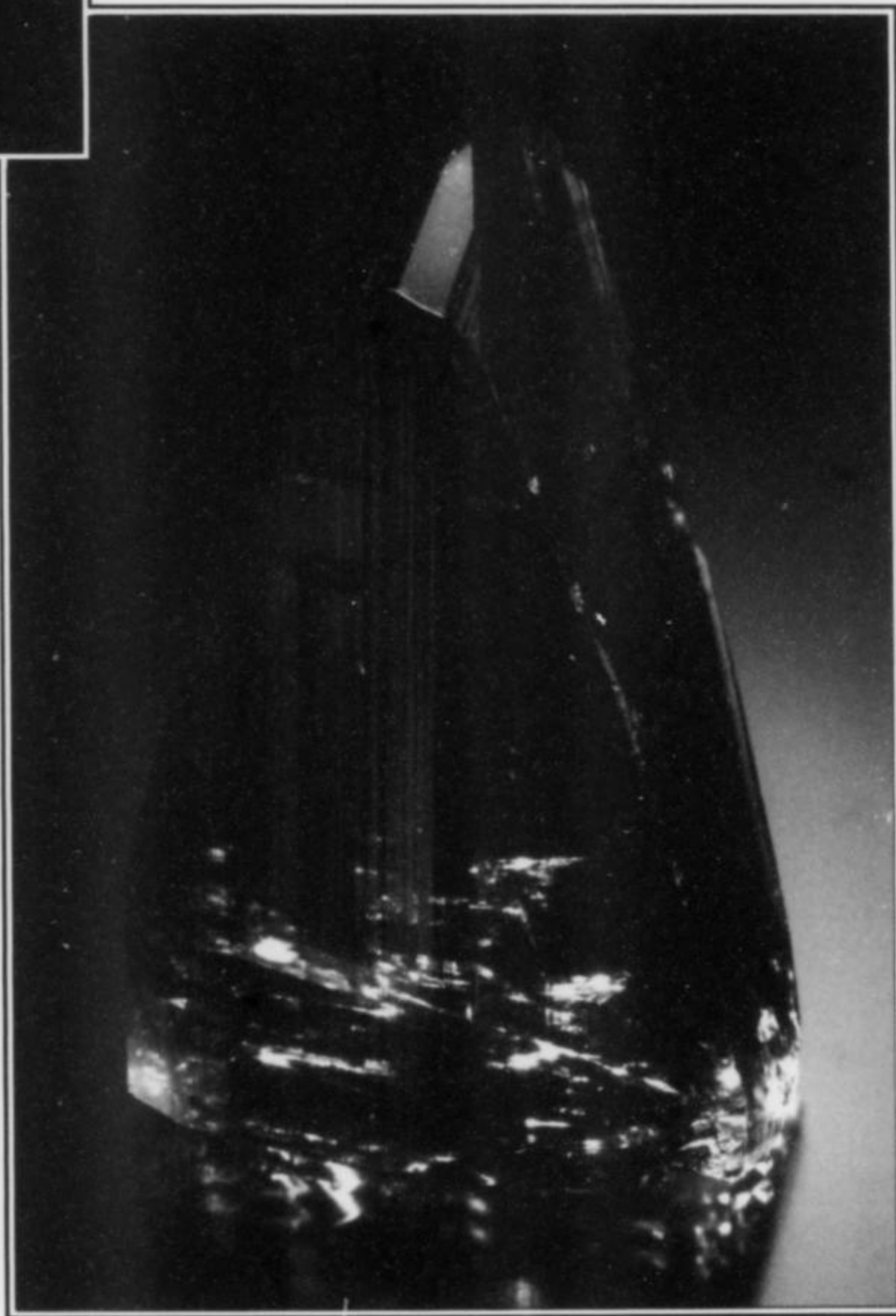
Elbaite on
cleavelandite
albite, 14.5 cm,
Paprok, Nuristan,
Afghanistan. Ex
Steve Smale
collection. Joe
Budd photo.



Pyromorphite,
9 cm, Daoping
mine, Guilin,
Guangxi, China.
Ex Steve Smale
collection. Joe
Budd photo.



Kunzite spodumene, 11 cm, Urucum mine, Minas Gerais,
Brazil. Ex Steve Smale collection. Joe Budd photo.



Tanzanite zoisite, 6 cm, Merelani Hills, Arusha, Tanzania.
Ex Steve Smale collection. Joe Budd photo.

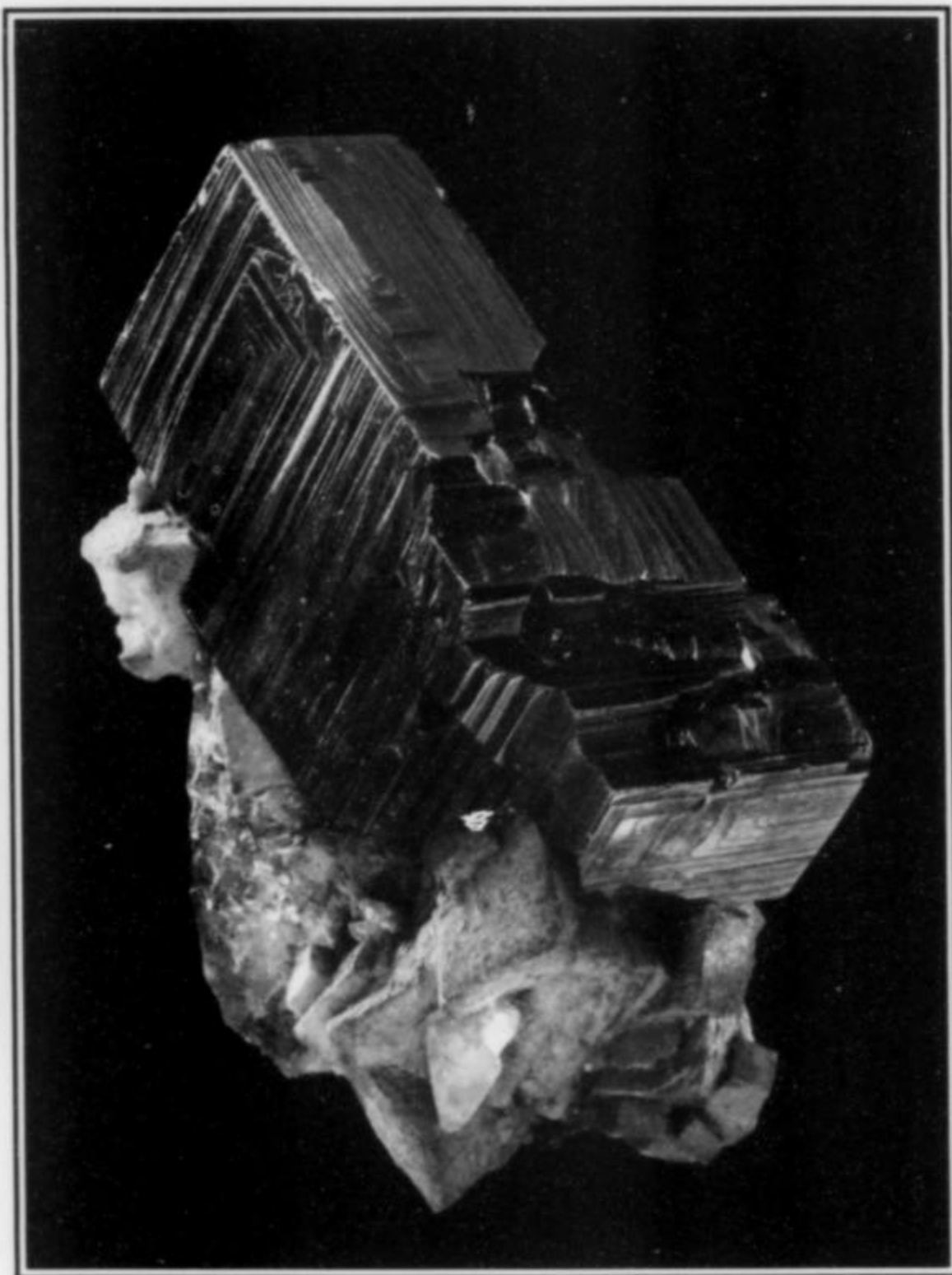


Pyrite on quartz, 11 cm,
Spruce Ridge, King County,
Washington. Ex Bruce Oreck
collection. Joe Budd photo.

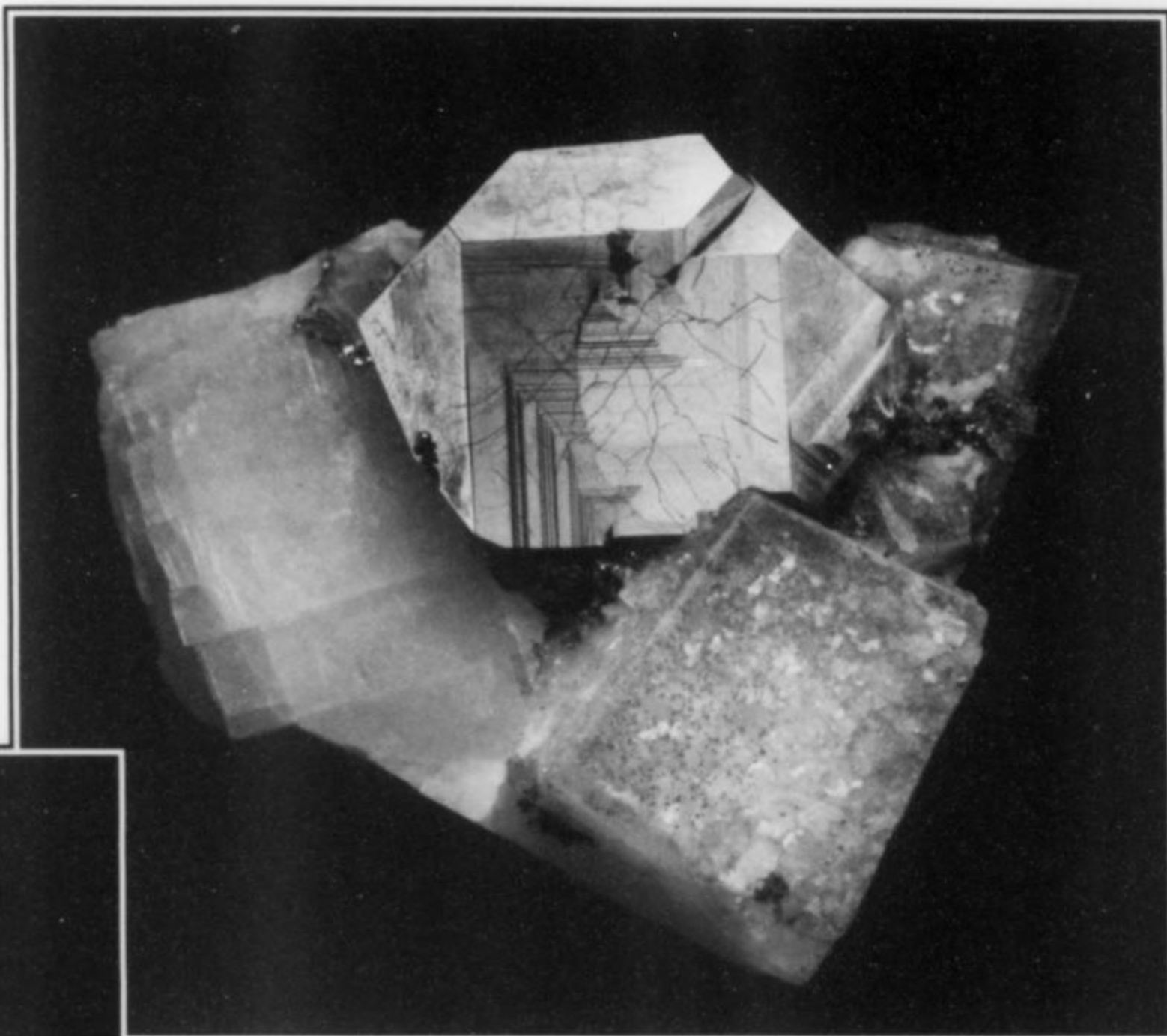
Pyrite on quartz and siderite,
8 cm, Simplon Tunnel, near
Brig, Valais, Switzerland.
Ex Eric Asselborn collection.
Joe Budd photo.



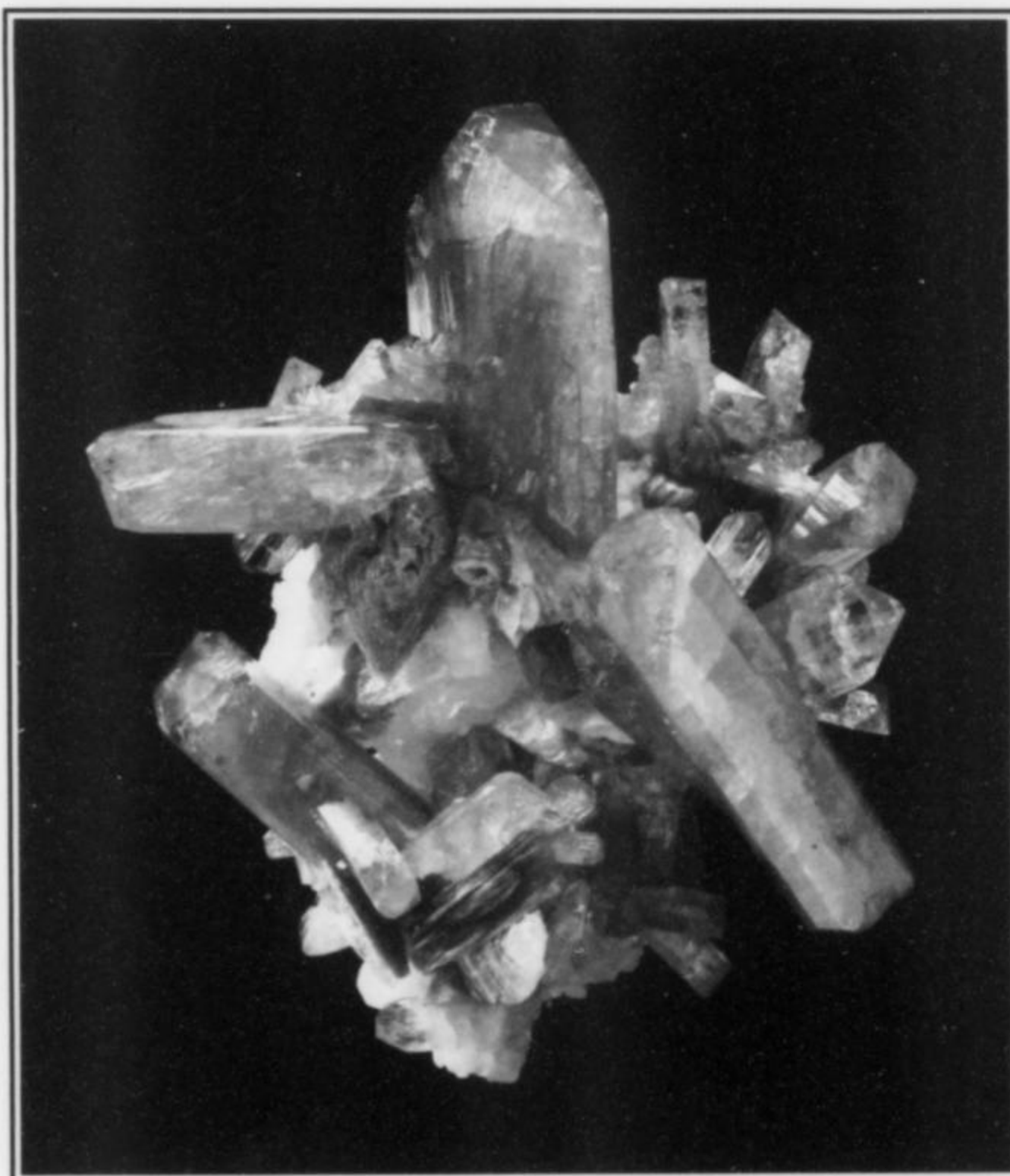
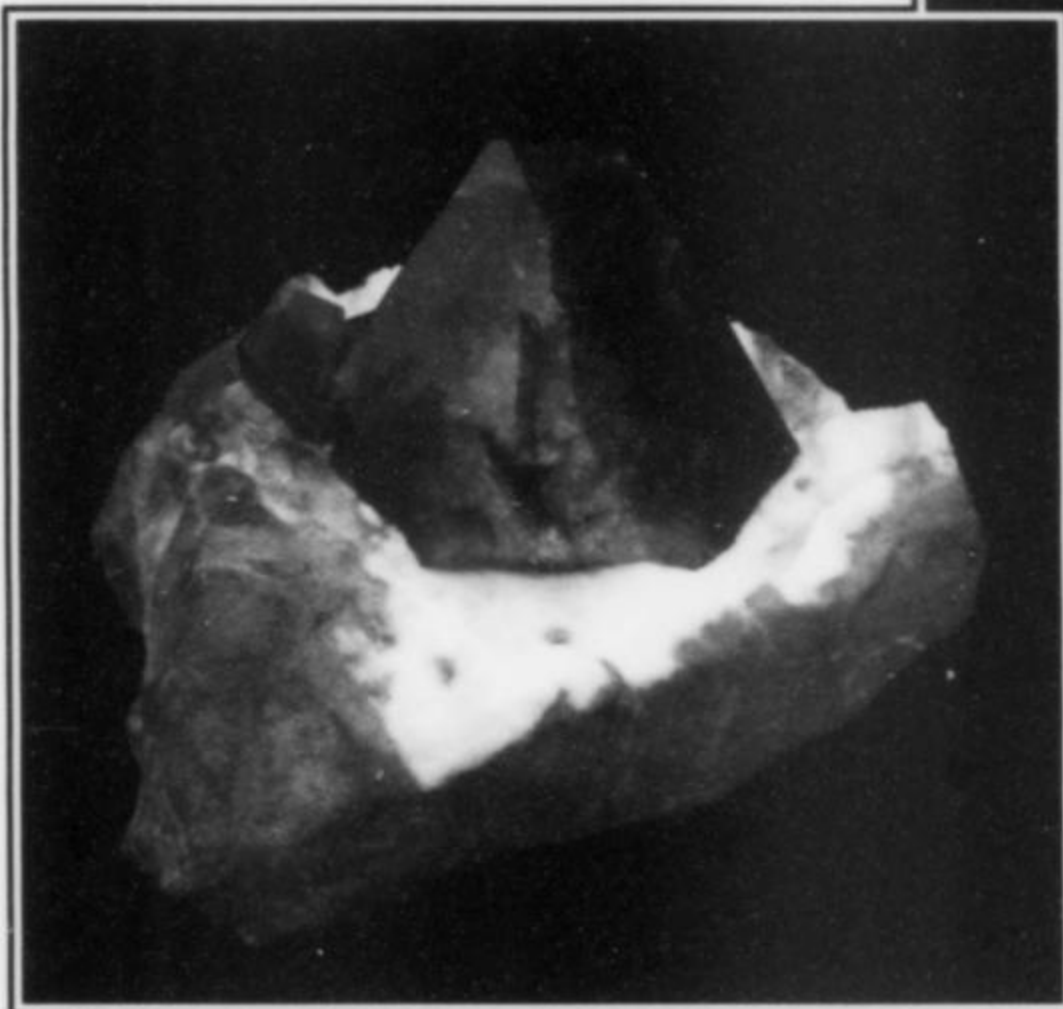
Pyrite on Garnet, 10 cm, China. Joe Budd photo.



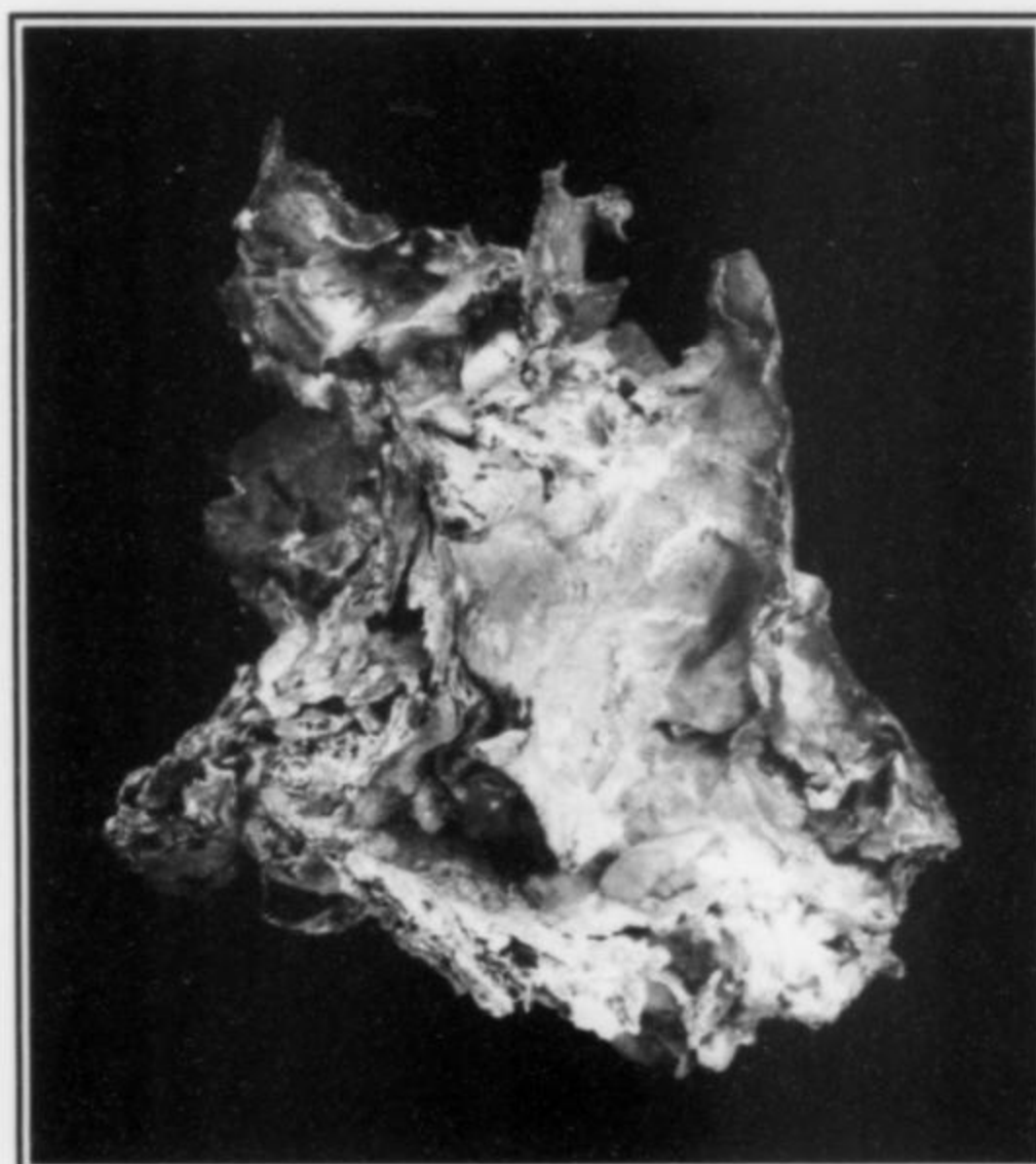
Carrollite on calcite, 7 cm, Kamoto Fond,
Katanga, Democratic Republic of the
Congo. Joe Budd photo.



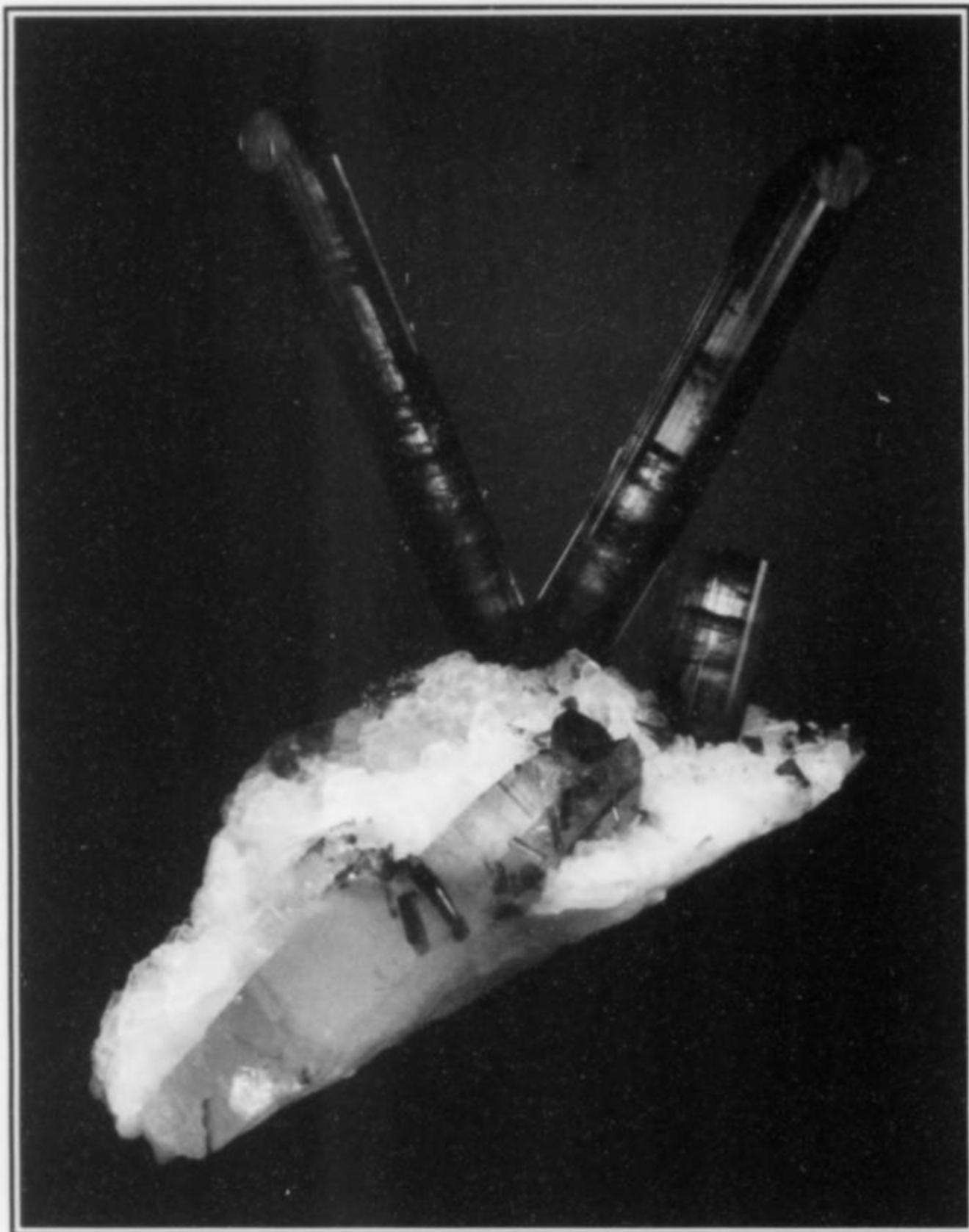
Benitoite on natrolite, 5.5 cm, Dallas Gem
mine, San Benito County, California. Ex
Robert Gill collection. Joe Budd photo.



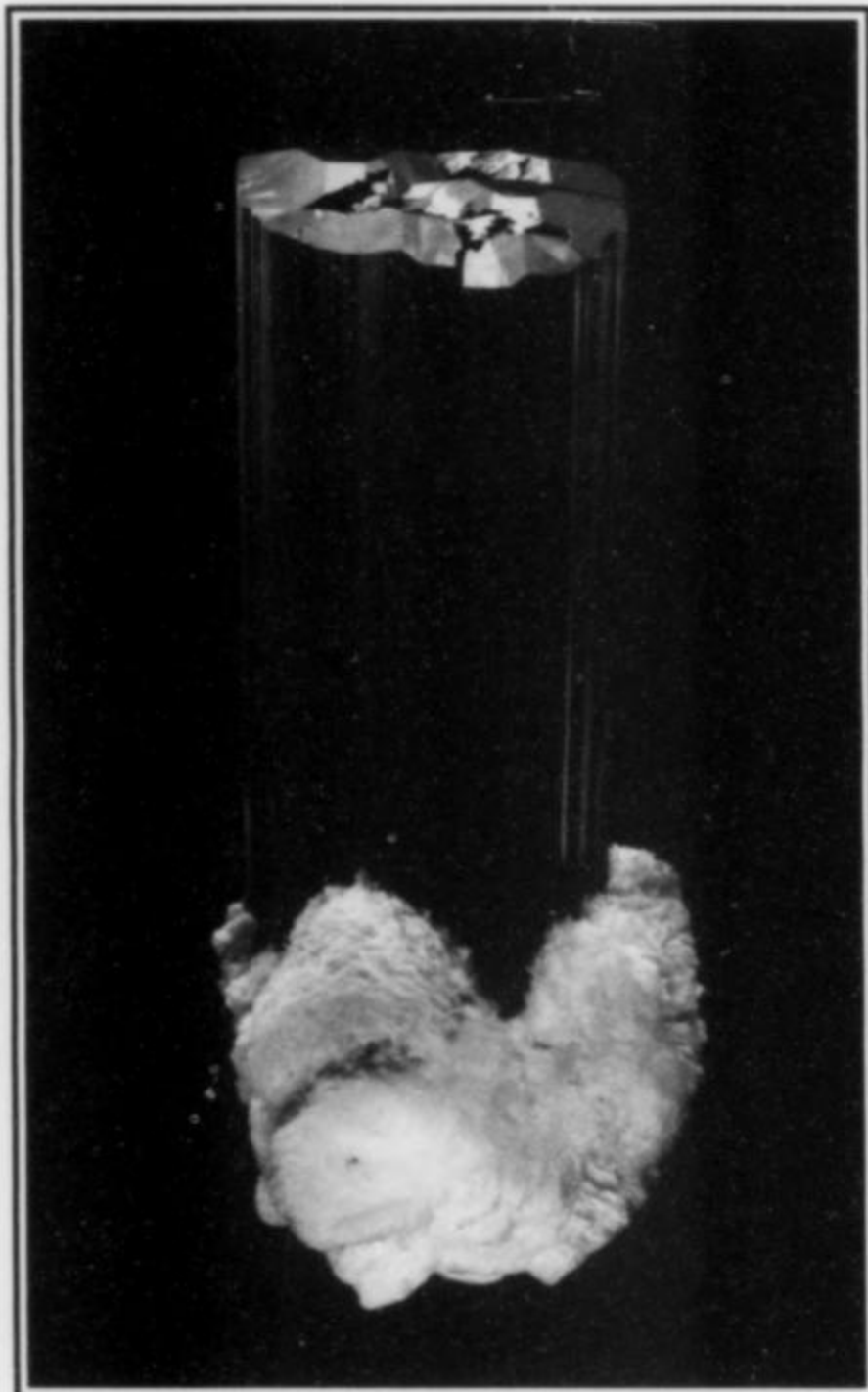
Brazilianite with albite, 12 cm, Telirio mine near
Linópolis, Minas Gerais, Brazil. Joe Budd photo.



Gold, 8 cm, St. Johns,
Newfoundland, Canada. Joe Budd photo.

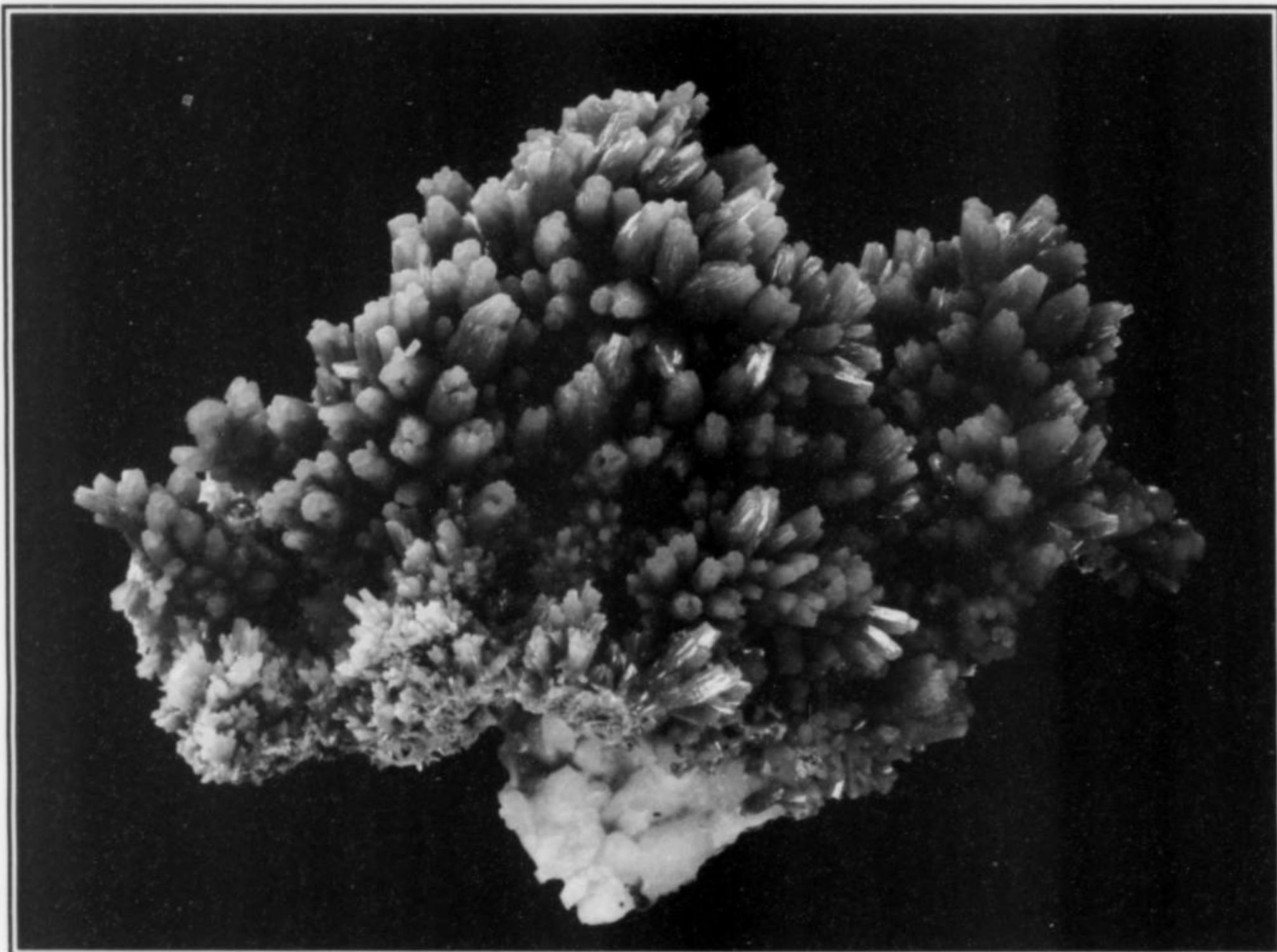


Elbaite, 14.5 cm,
Pederneira mine,
São José da Safira,
Minas Gerais,
Brazil. Joe Budd
photo.



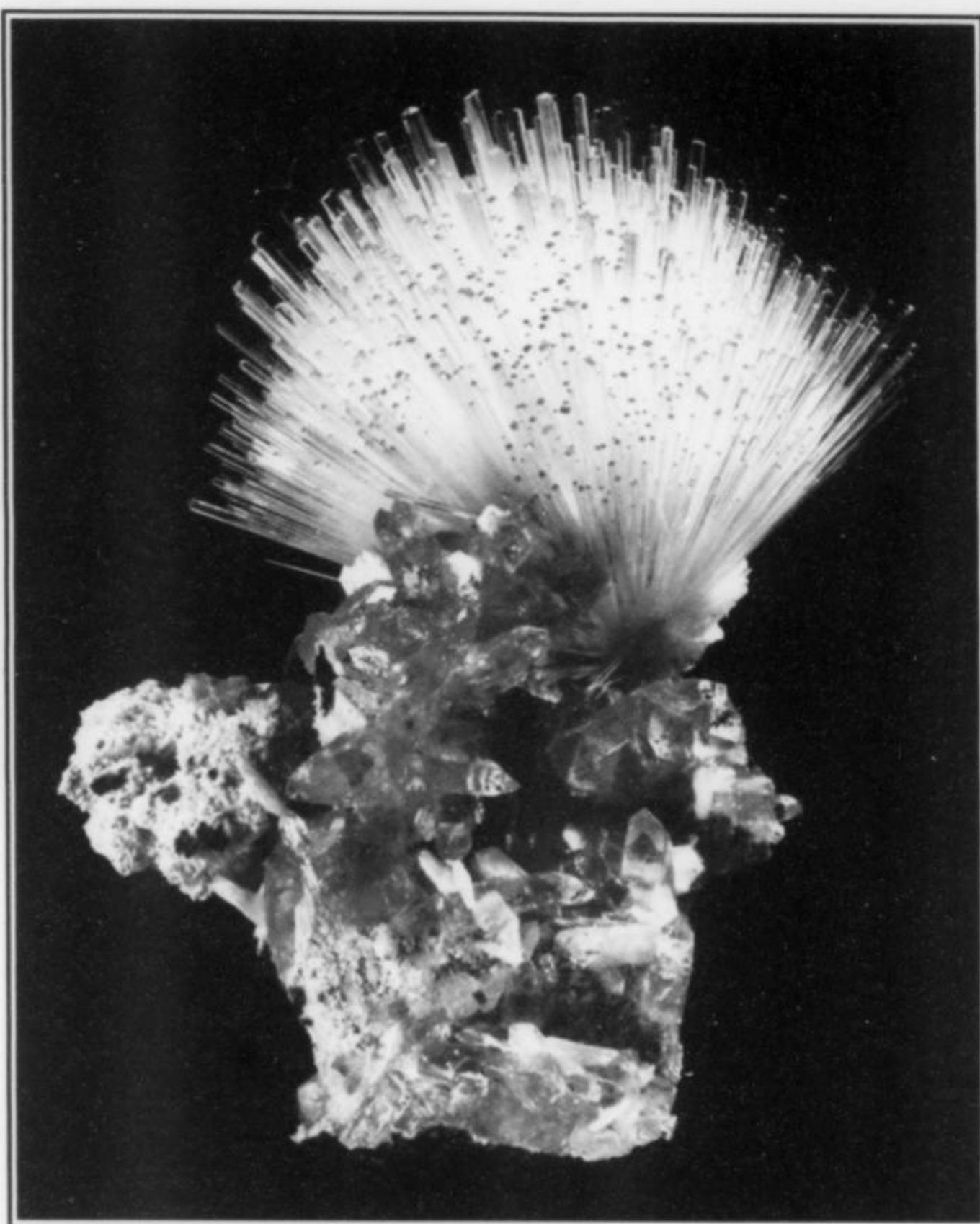
Schorl on albite, 15 cm, Northern
Areas, Pakistan. Joe Budd photo.

Pyromorphite,
12 cm, Daoping
mine, Guangxi
Zhuang
Autonomous
Region, China.
Joe Budd photo.



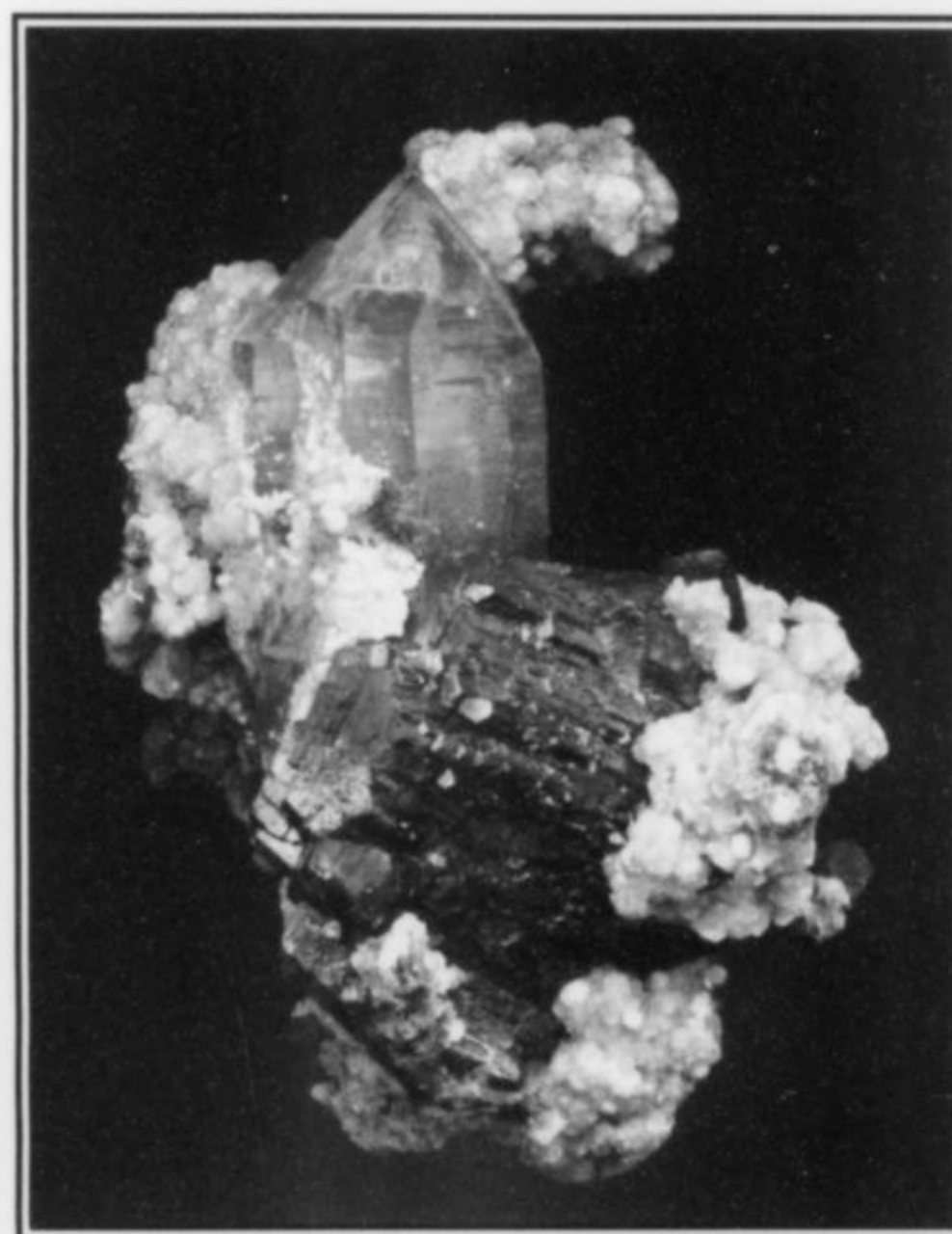
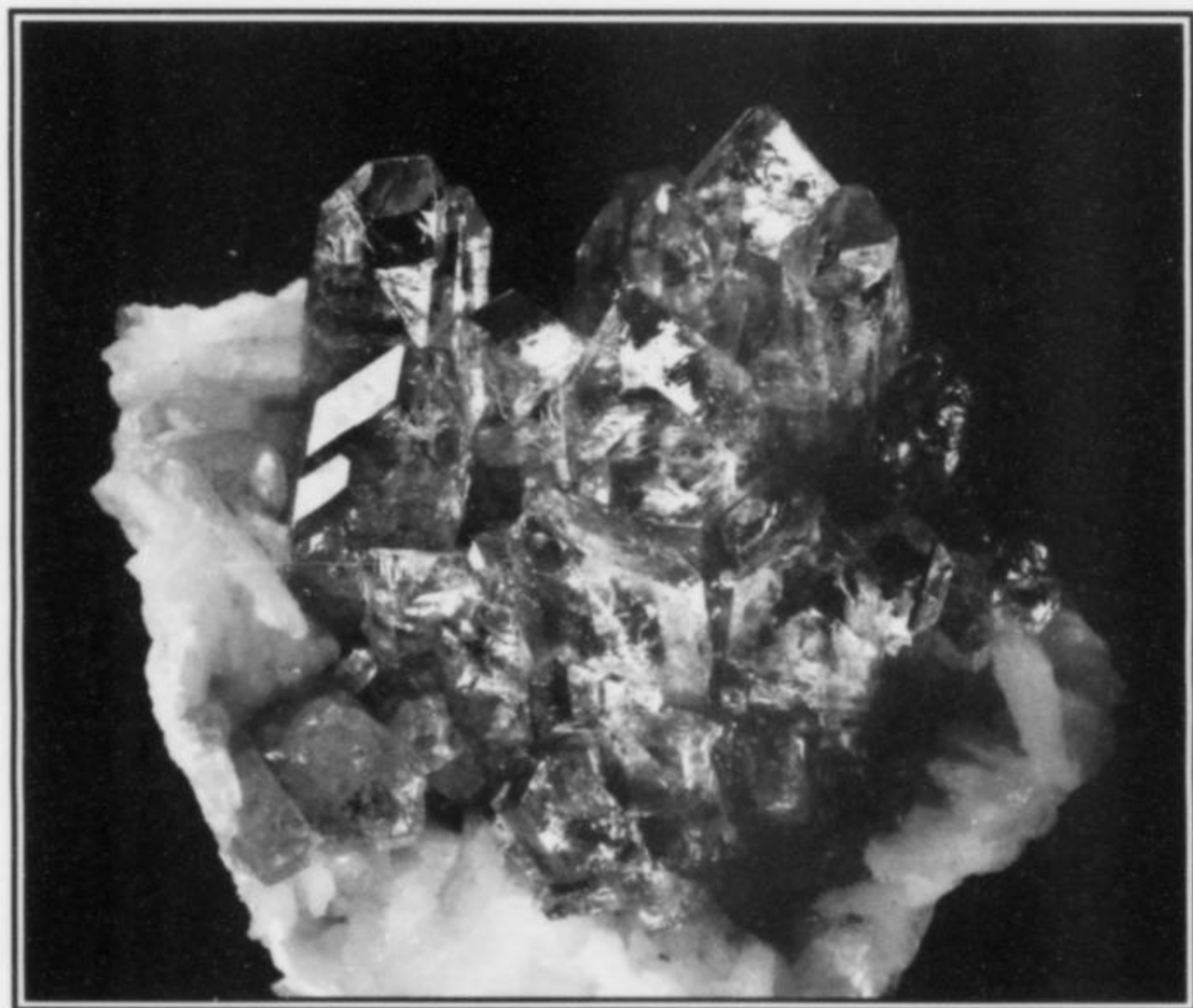


Scheelite, 9 cm, Mt. Xuebaoding,
Pingwu County, Sichuan, China.
Joe Budd photo.



Mesolite with apophyllite, 14 cm,
Pune district, Maharashtra, India.
Joe Budd photo.

Apophyllite on stilbite, 9.5 cm,
Jalgaon district, Maharashtra, India.
Joe Budd photo.



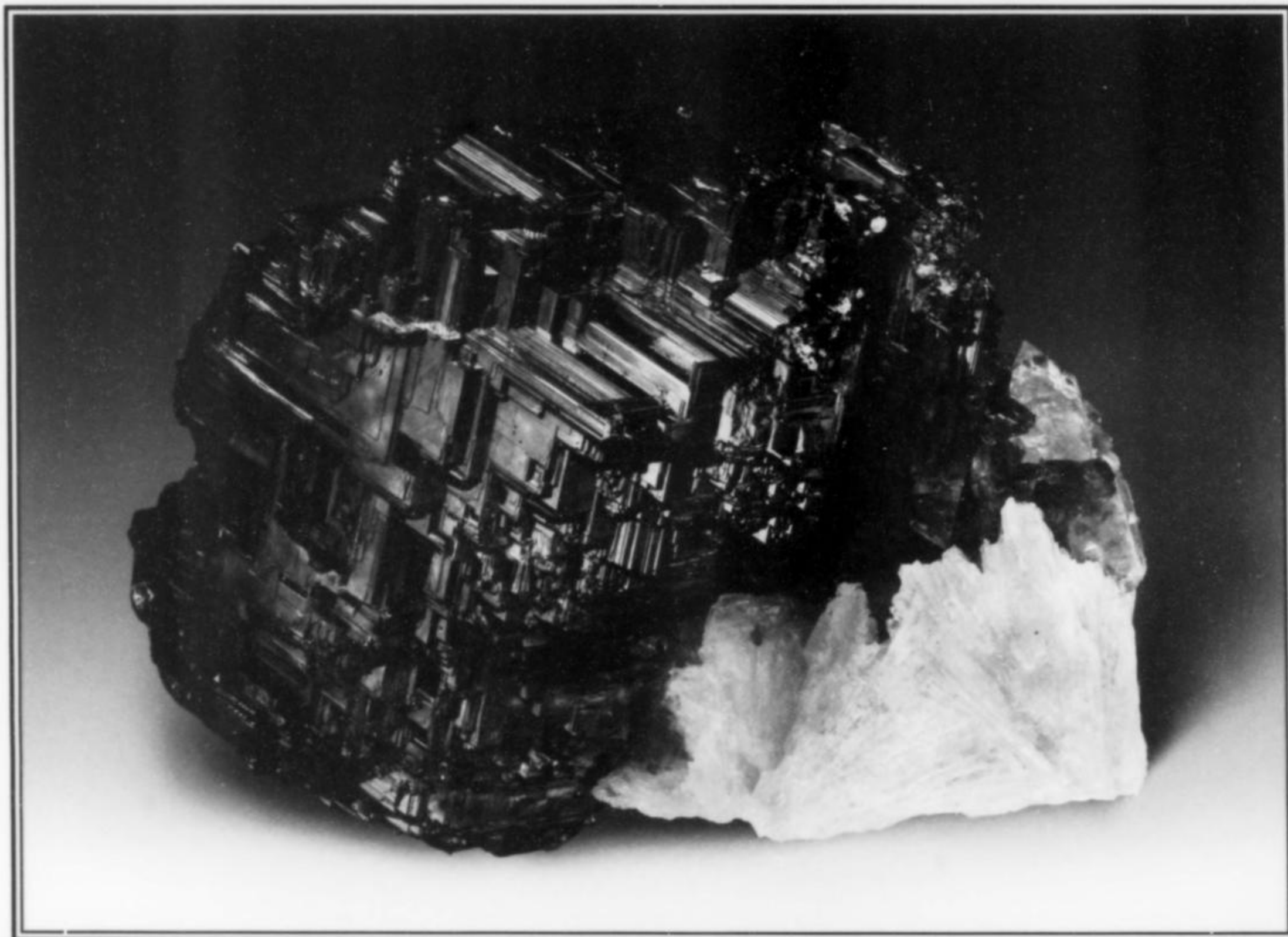
Arsenopyrite with quartz, 10 cm,
Yaogangxian mine, Chenzhou, Hunan
Province, China. Joe Budd photo.

David Bristol



Growing up in the suburbs of Boston, there were two often overlapping threads in my early childhood activities: I enjoyed building collections and I enjoyed nature. At college an undergraduate course in oceanography piqued my curiosity about geology, and led ultimately to both undergraduate and graduate degrees in that field. In 1987–1988, while attending graduate school at Virginia Tech, I was inspired by my close friend and fellow graduate student, John Groen, to begin collecting minerals. John was truly passionate about mineralogy. He introduced me to the *Mineralogical Record* and Peter Bancroft's *Gem and Crystal Treasures*, and pointed out noteworthy specimens in the school's mineral museum. After that I began the slow process of building my own collection.

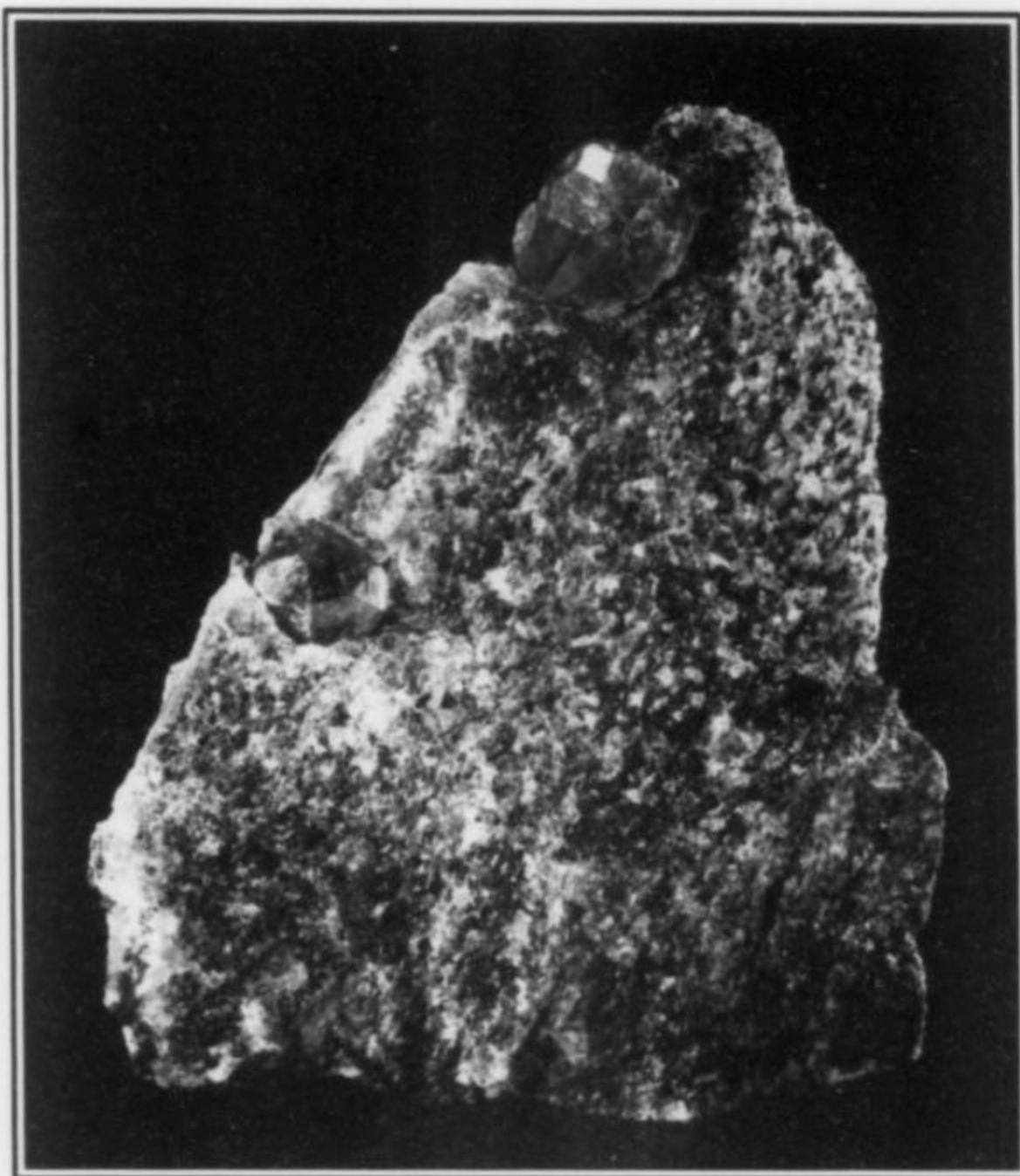
Over the last 20 years, with support and interest from my wife Marcie (a geologist by training as well), the collection has expanded from an early focus on certain species, initially garnet and fluorite, into a broader, more balanced collection of display-quality specimens from current and future classic localities. Today, the collection numbers over 250 specimens, with a core of about 150. Since the formation of the Houston Area Mineral Society (HAMS) in 2004, I have had the opportunity to become good friends with other mineral collectors in the area and am pleased to see the increasing visibility that HAMS has enjoyed.



Spessartine with cleavelandite (albite) and quartz, 9 cm, Navegadora mine, Penha do Norte, Conselheiro Pena, Minas Gerais, Brazil. Joe Budd photo.



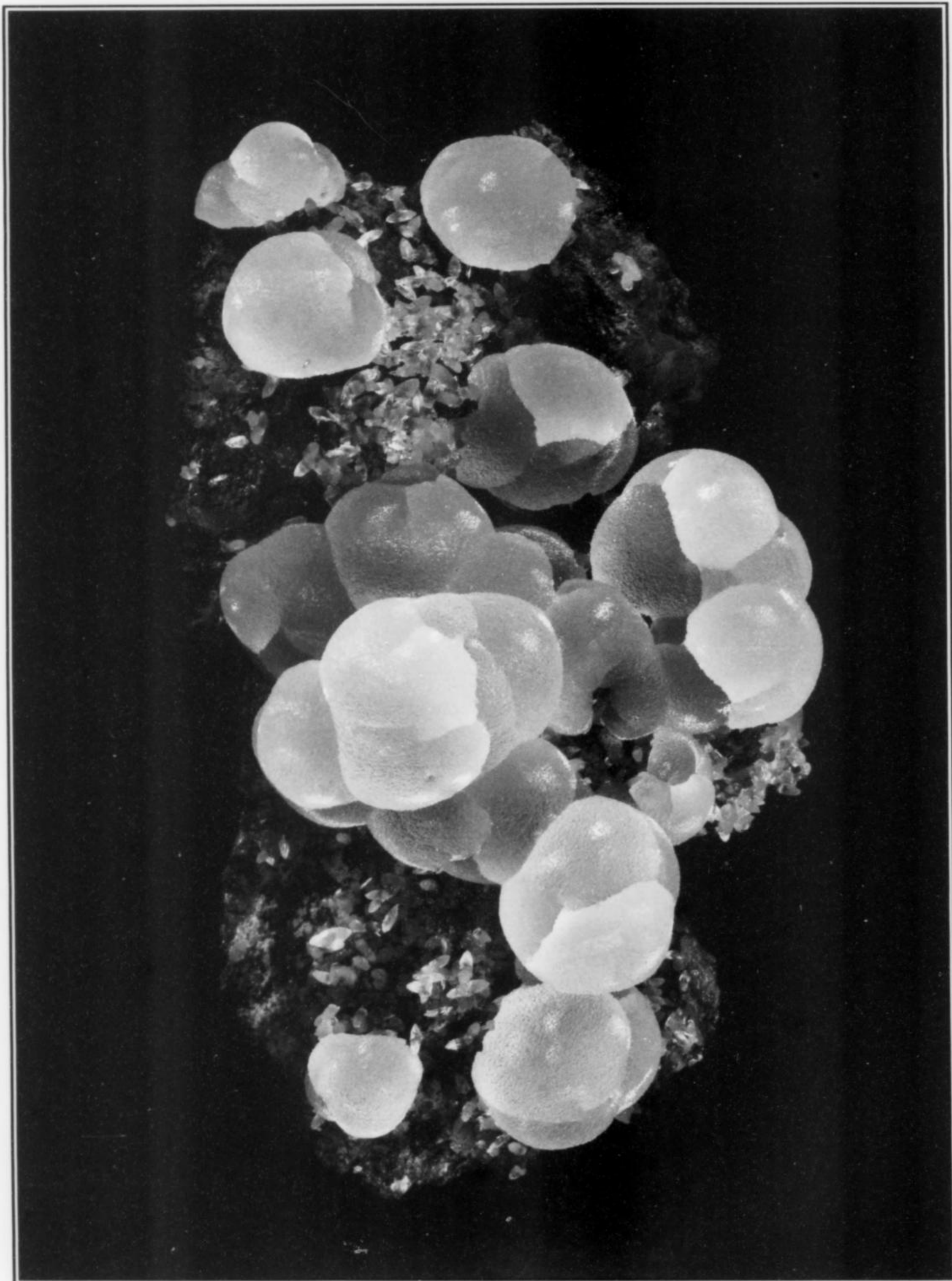
Carrollite crystal on matrix, 8.5 cm, Kamoya South II mine, Katanga, Democratic Republic of Congo. Joe Budd photo.



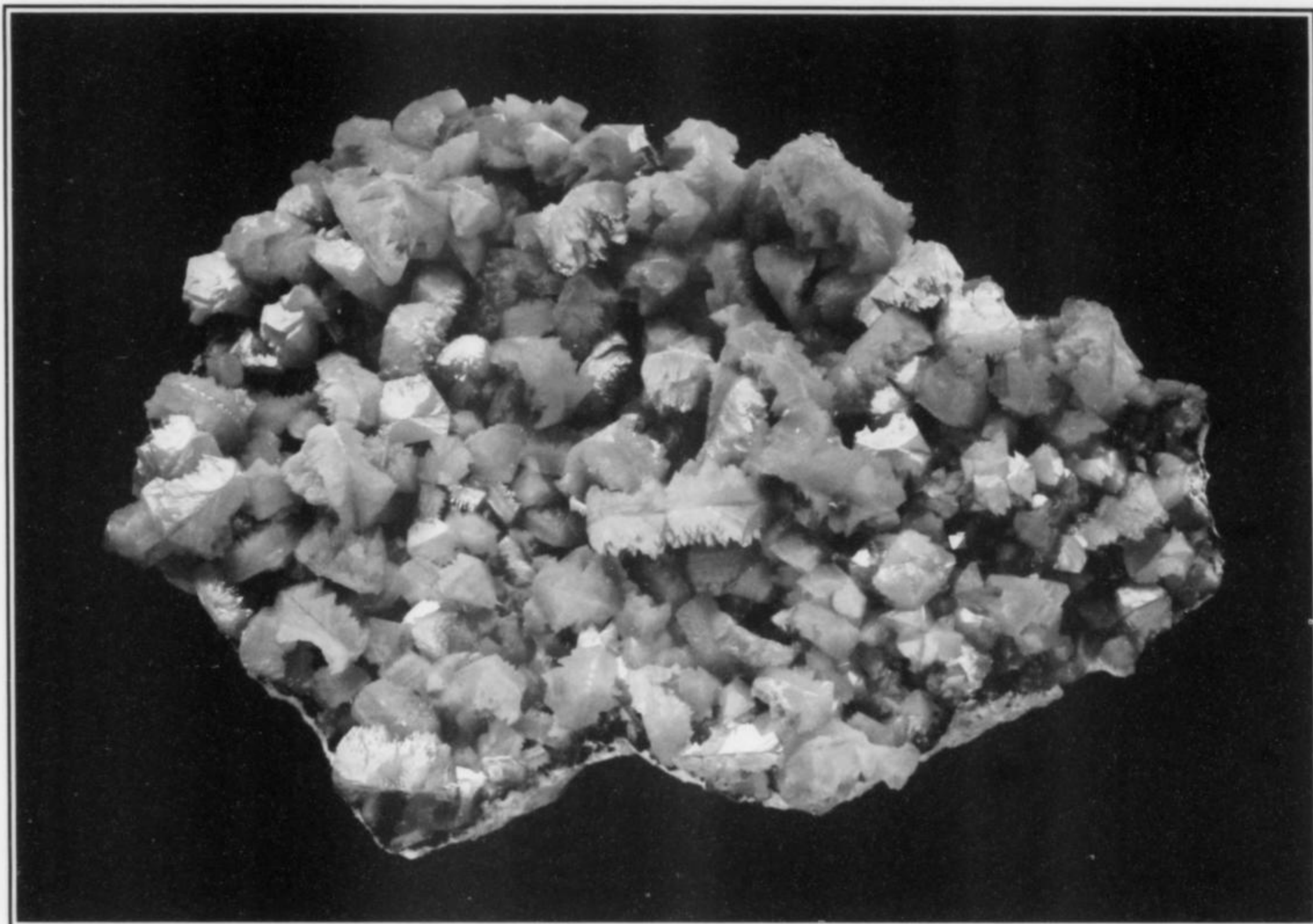
Spessartine on matrix, 5.5 cm, Marienfluss, Namibia. Ex John Barlow collection. Joe Budd photo.



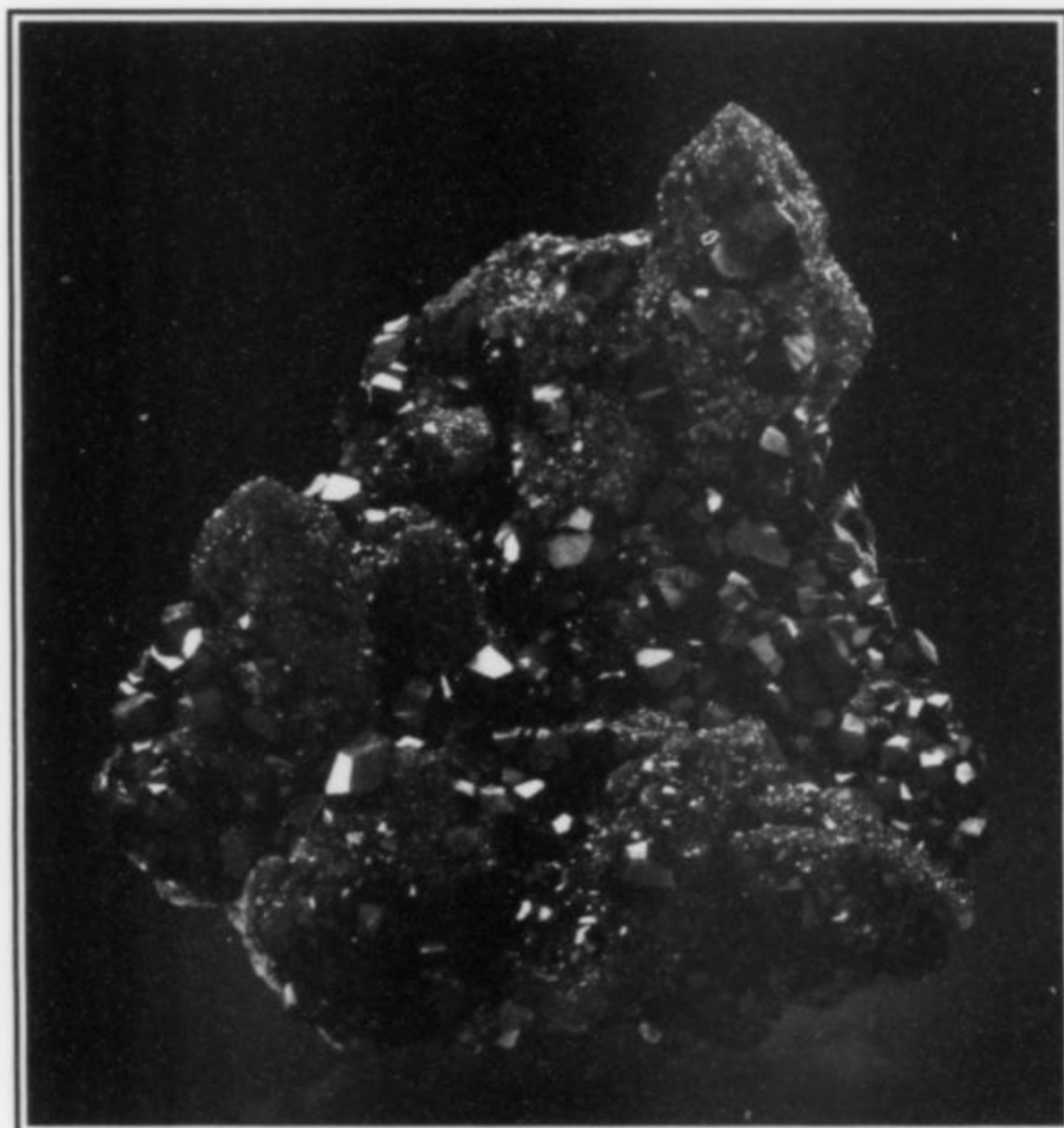
Amazonite microcline and smoky quartz, 13.5 cm, Ron's Pocket, Smoky Hawk mine, Teller County, Colorado. Joe Budd photo.



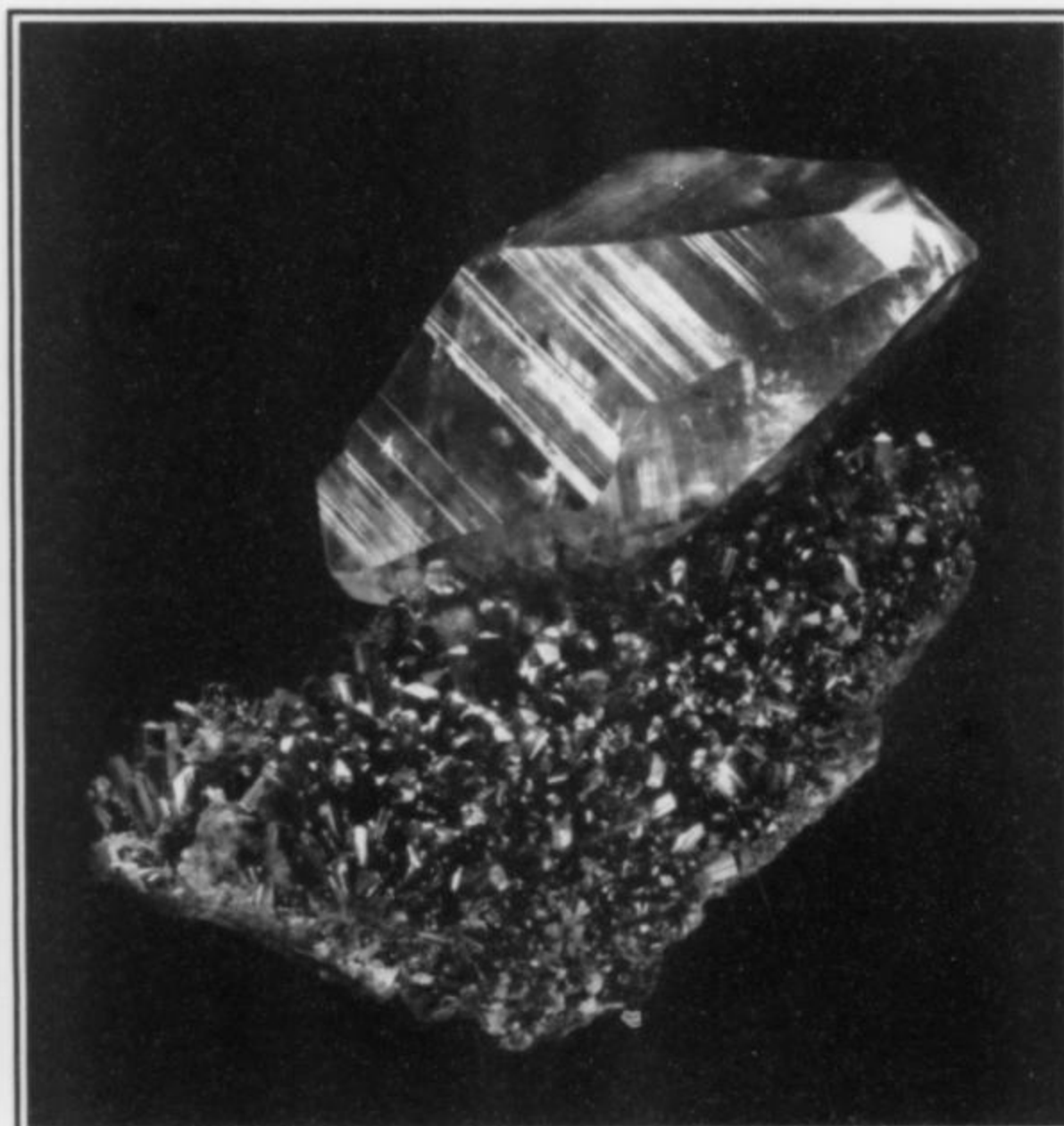
Smithsonite on matrix, 8 cm, from the San Antonio mine, Level 8,
Santa Eulalia, Chihuahua, Mexico. Joe Budd photo.



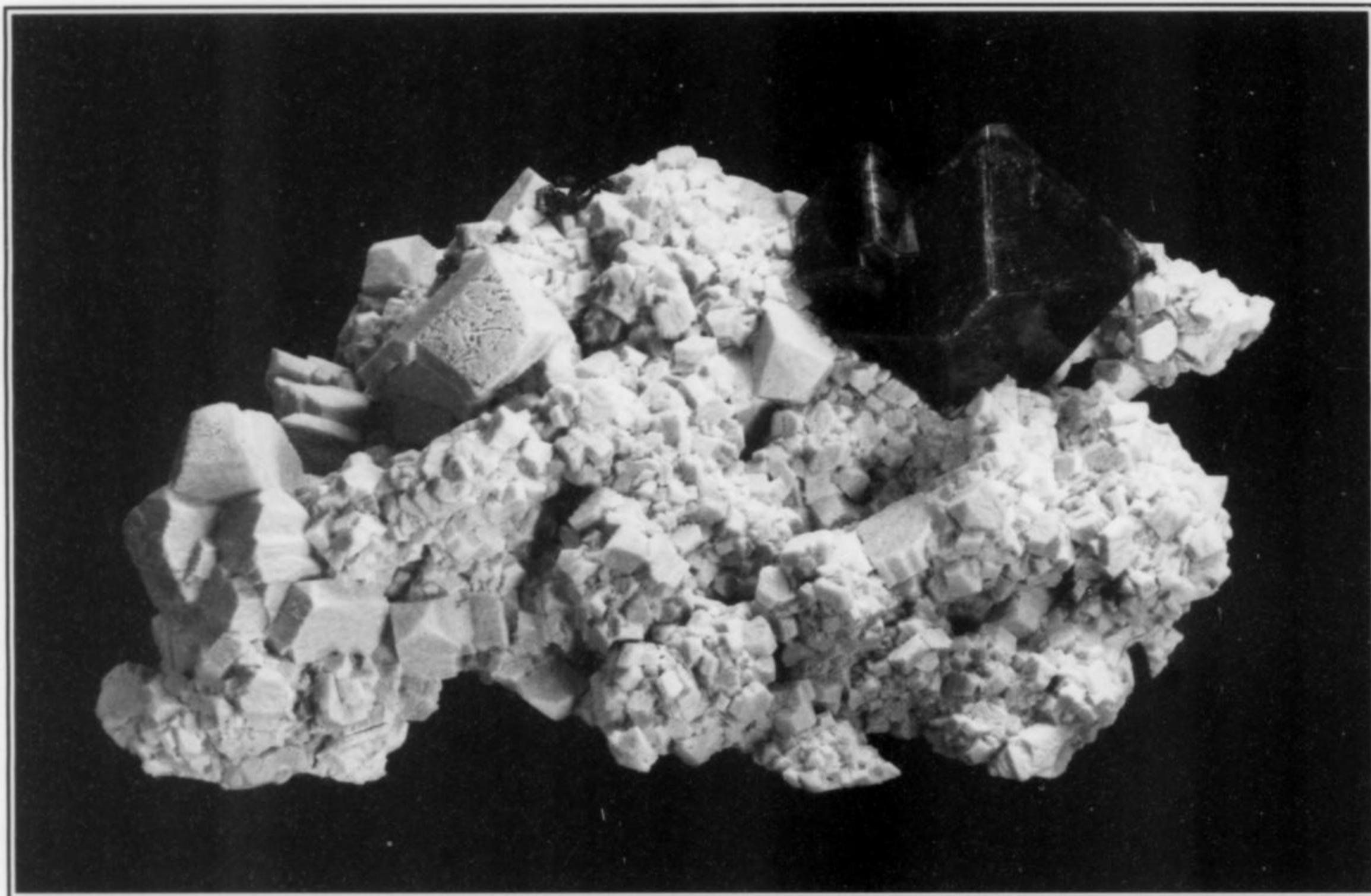
Wulfenite on matrix, 11 cm, from the Helena mine, Črna, Mežica, Slovenia. Joe Budd photo.



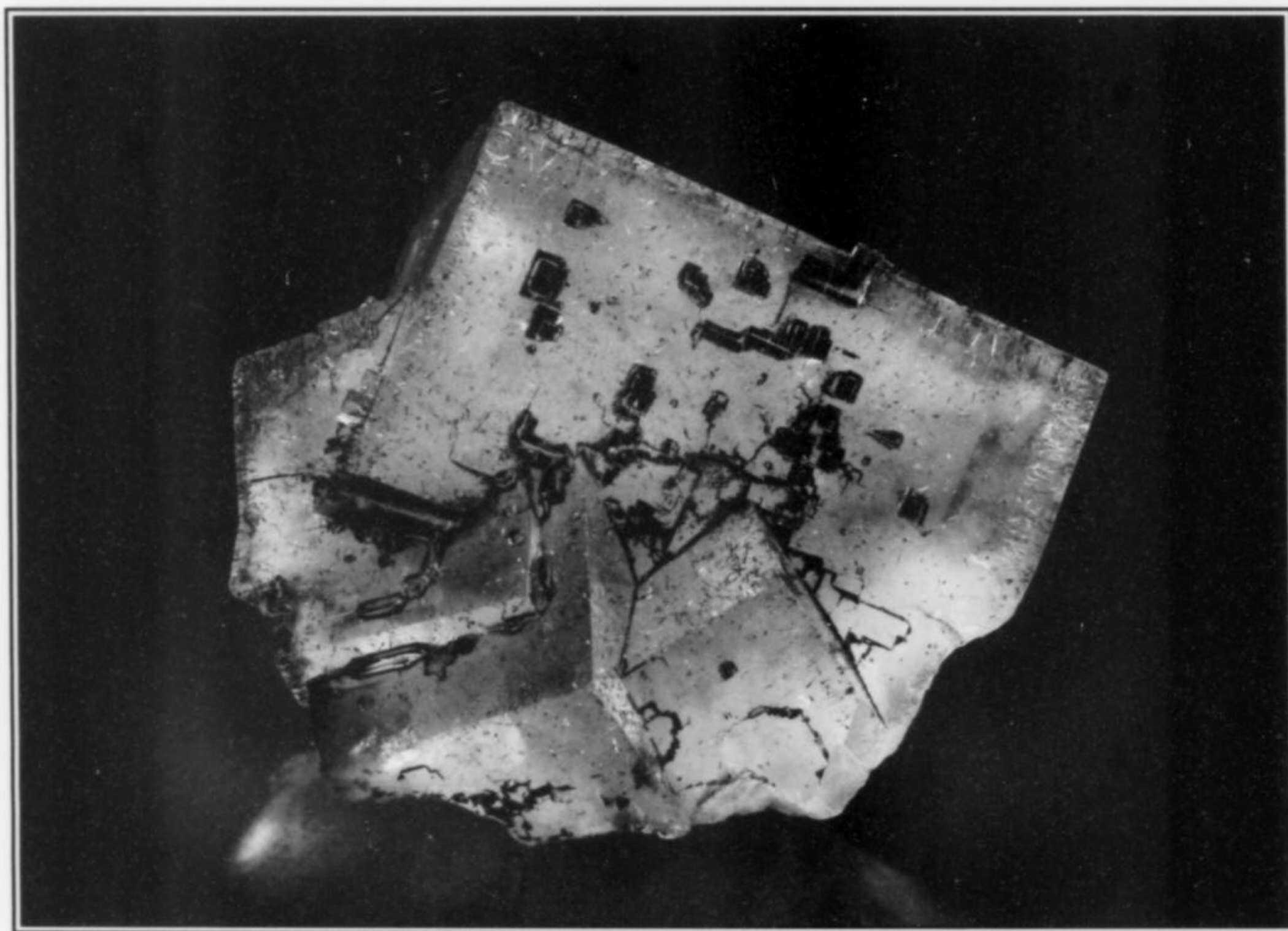
Spessartine with smoky quartz, 12 cm, Tongbei area, Yunxiao, Zhangzhou Prefecture, Fujian Province, China. Joe Budd photo.



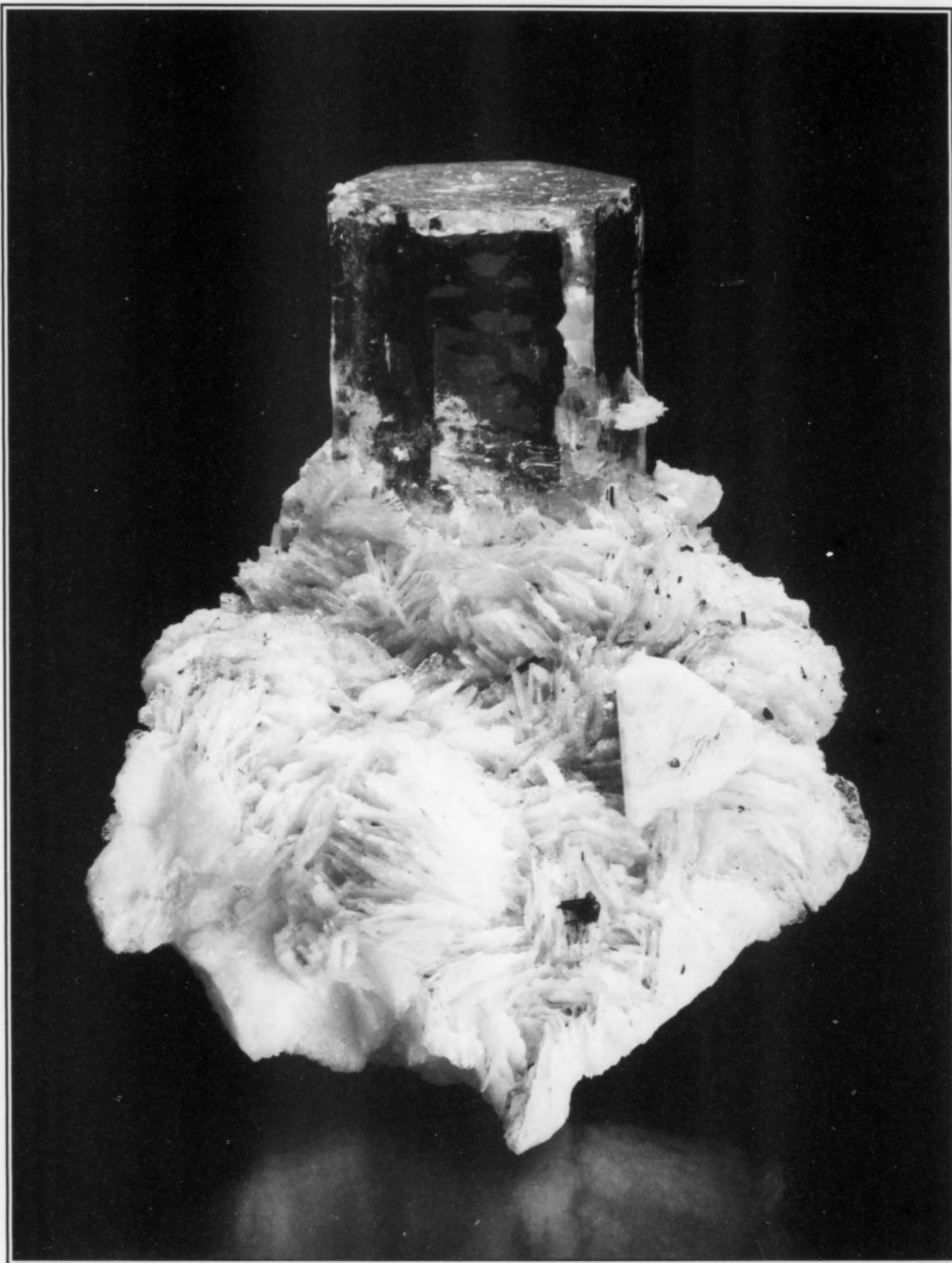
Calcite on stibnite, 8.5 cm, Xionghuang Kuang mine, Wuyu district, Guangxi Zhuang Autonomous Region, China. Ex Steve Smale collection. Joe Budd photo.



Fluorite on microcline, 12.5 cm, Yunling area, Zhangzhou Prefecture, Fujian Province, China. Joe Budd photo.

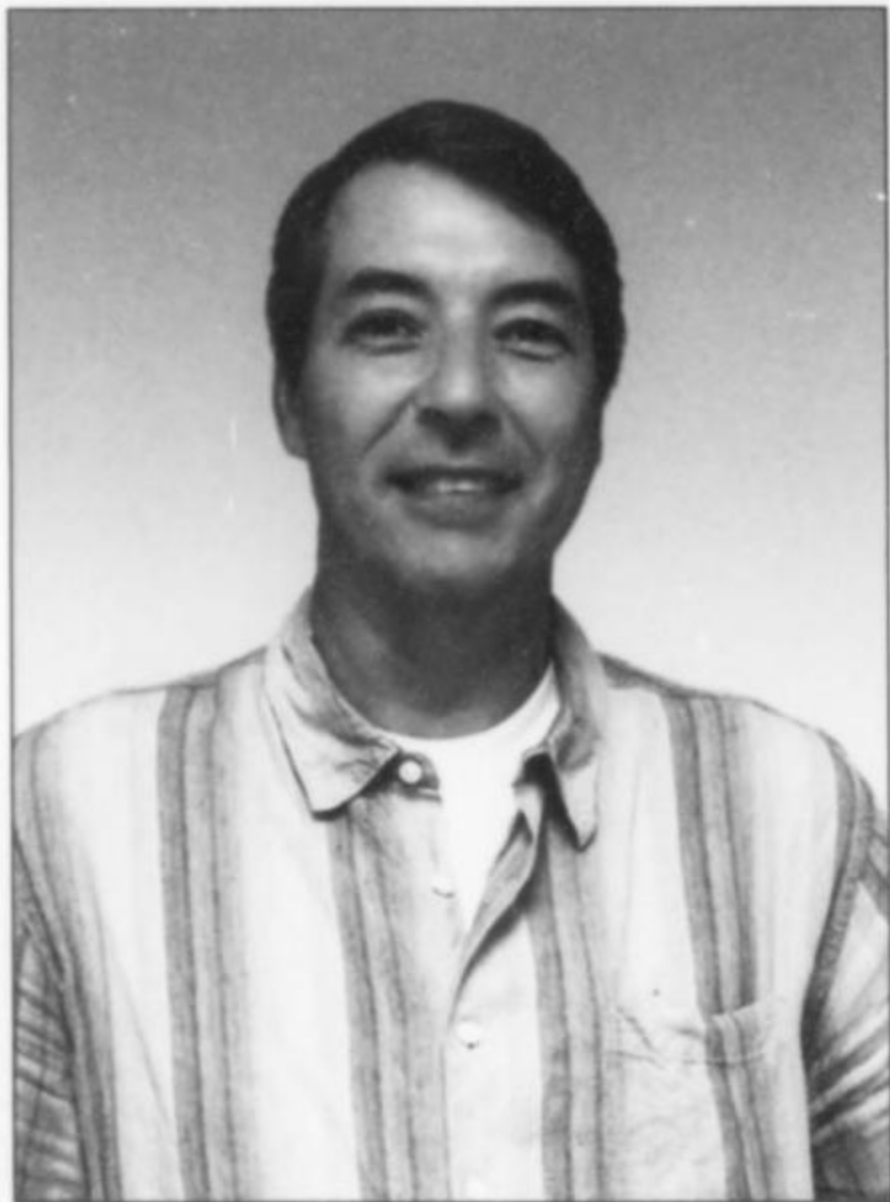


Fluorite, 9 cm, Annabel Lee mine, Hardin County, Illinois. Ex George Feist collection. Joe Budd photo.



Aquamarine (beryl) on cleavelandite (albite), 7 cm, Dassu, Haramosh Mountains, Gilgit district, Northern Areas, Pakistan. Joe Budd photo.

Kevin Brown



I had my first experience with minerals at the age of nine, when my parents gave me some books on Alaskan gold mining. Included was an actual "gold" specimen. My parents further strengthened my interest in natural wonders with family trips to the Cleveland Museum of Natural History. But a school trip to the Smithsonian Institution when I was 13 really started my drive for minerals.

After being primarily a field collector through college and my early 20s, I started attending mineral shows and acquiring finer specimens in the mid-1980s. My initial collection consisted of specimens from world-wide locations, but in the late 1990s I decided to focus my collection exclusively on minerals from the U.S. I currently strive to collect finely crystallized minerals with great form and color. I look for those pieces which are unique examples from both classic locations and the more obscure localities rarely represented in most mineral collections. Support from my family and fellow MAD members has greatly enhanced the mineral collecting experience. Their enthusiasm has made being a mineral collector fun.



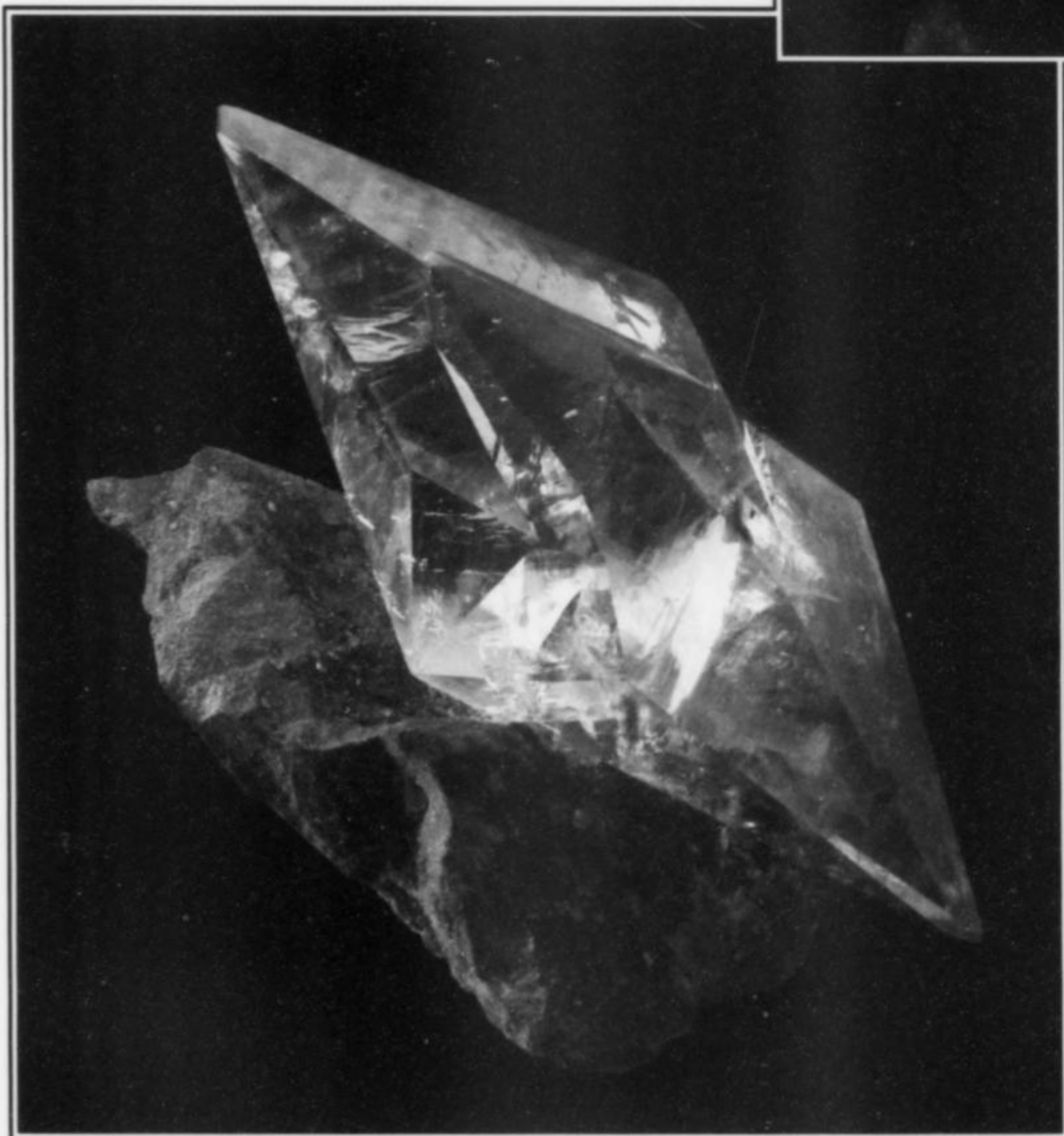
**Fluorite with barite and sphalerite, 34.8 cm, Elmwood mine,
Carthage, Smith County, Tennessee. Jeff Scovil photo.**



Silver, 10.9 cm, Smuggler mine, Aspen, Pitkin County, Colorado. Ex California Institute of Technology collection. Joe Budd photo.



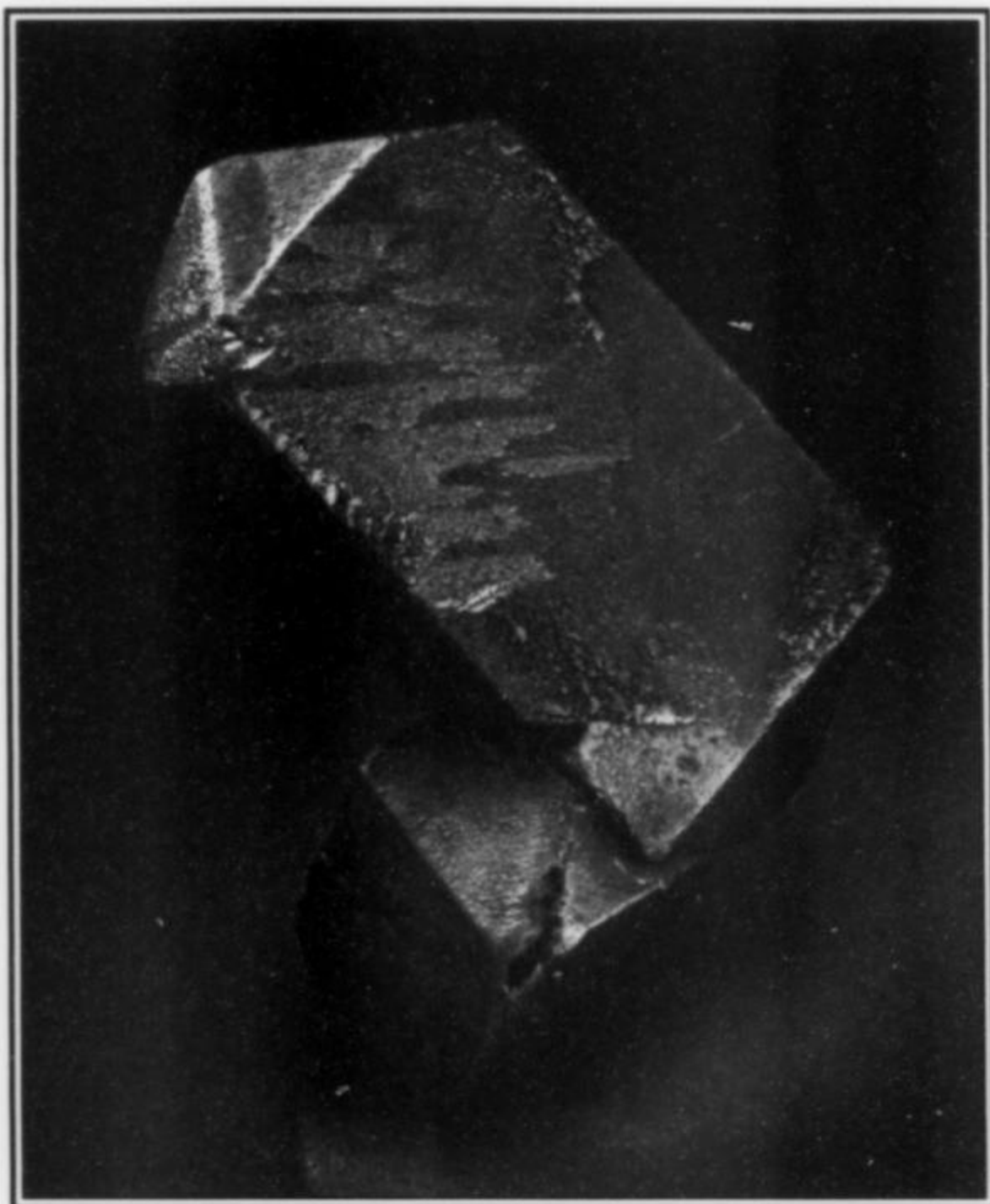
Rhodochrosite with fluorite, 8.3 cm, Porcelain pocket, Sweet Home mine, Alma, Park County, Colorado. Ex Wally Mann collection. Joe Budd photo.



Calcite crystal, 10.7 cm, Elmwood mine, Carthage, Smith County, Tennessee. Ex Ken Steer and Walter Gaylord collections. Joe Budd photo.

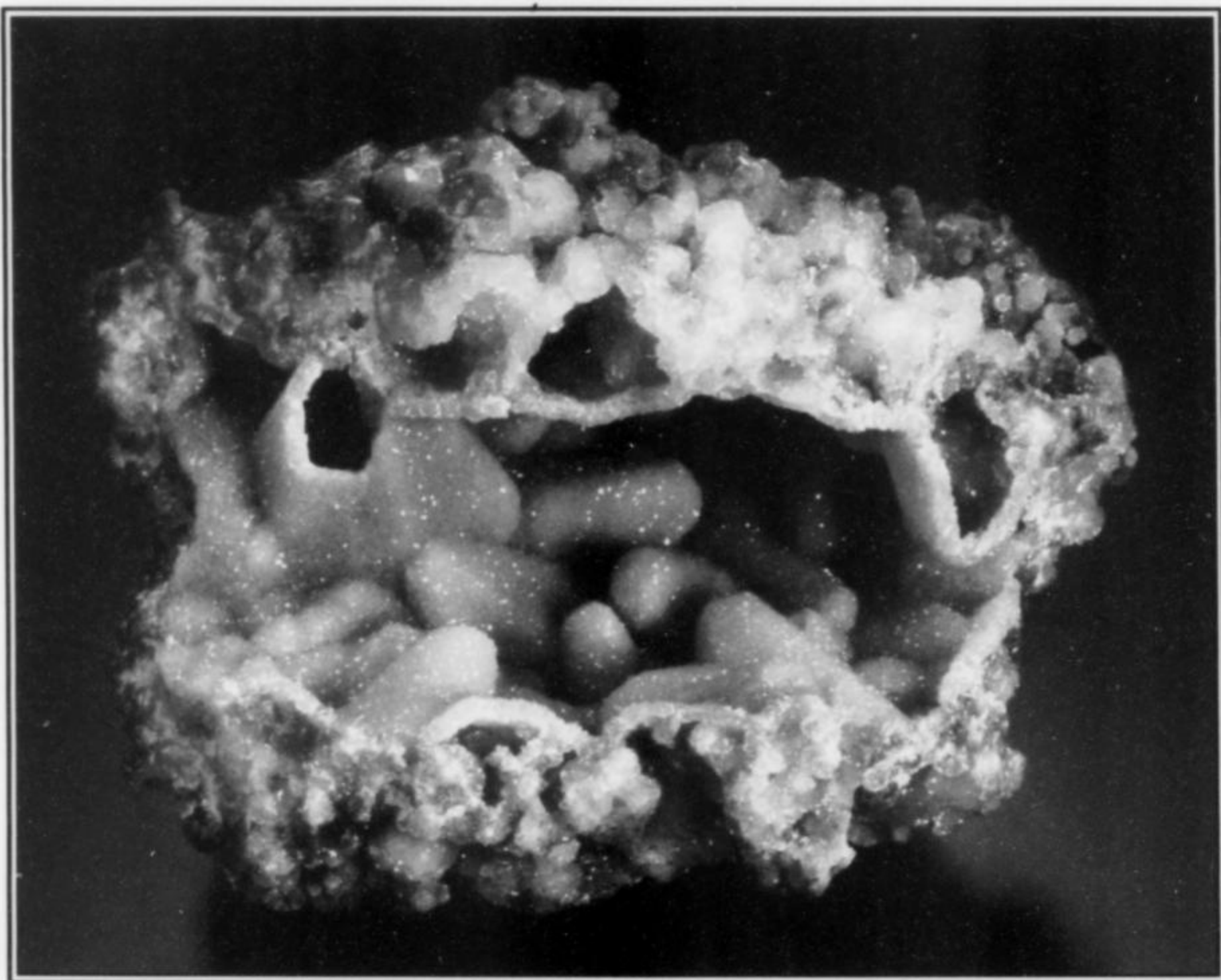


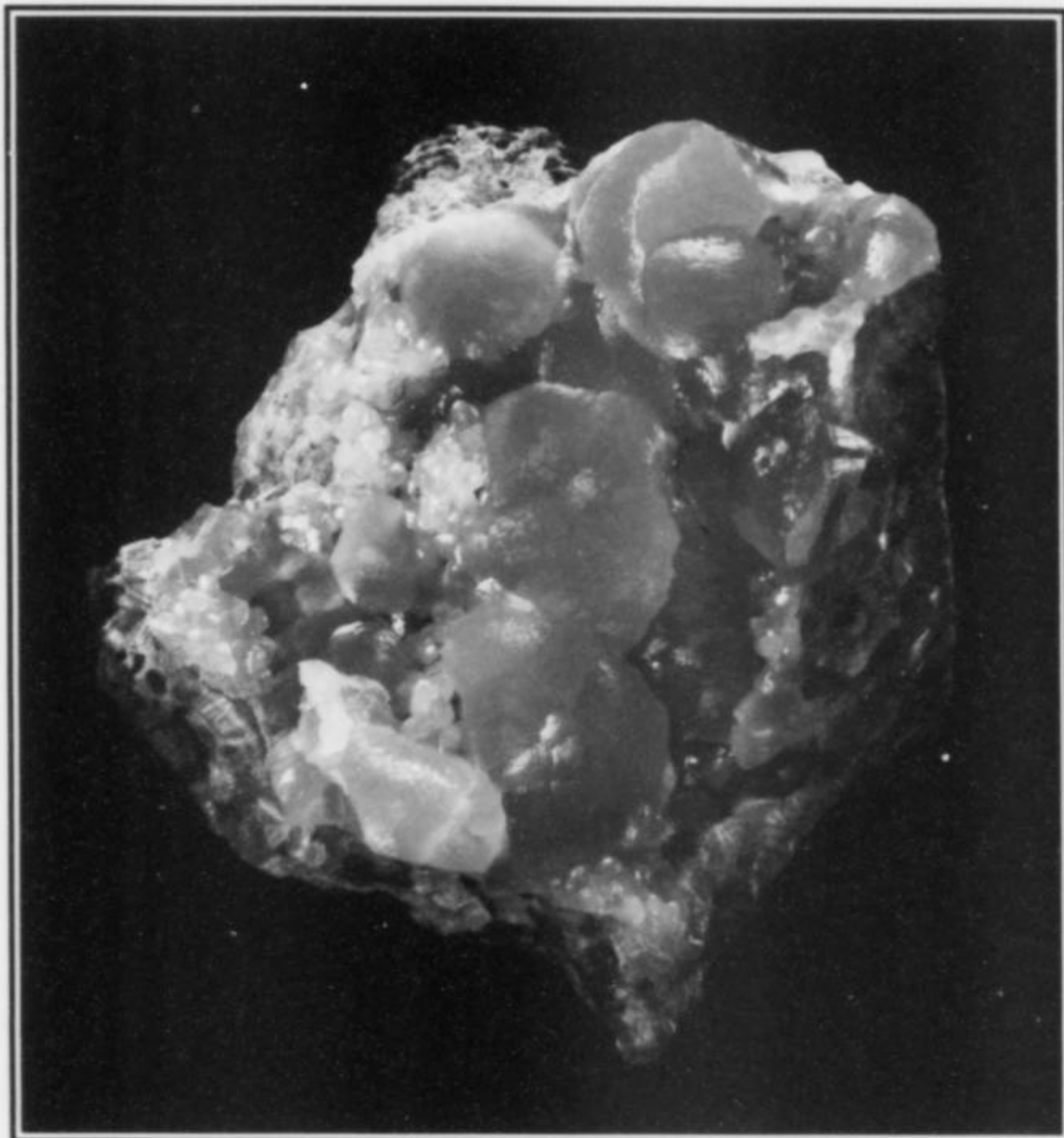
Ludlamite, 8.1 cm, Blackbird mine, Cobalt, Lemhi County, Idaho. Ex Smithsonian collection, Dr. Ed David collection, Martin Zinn collection. Jeff Scovil photo.



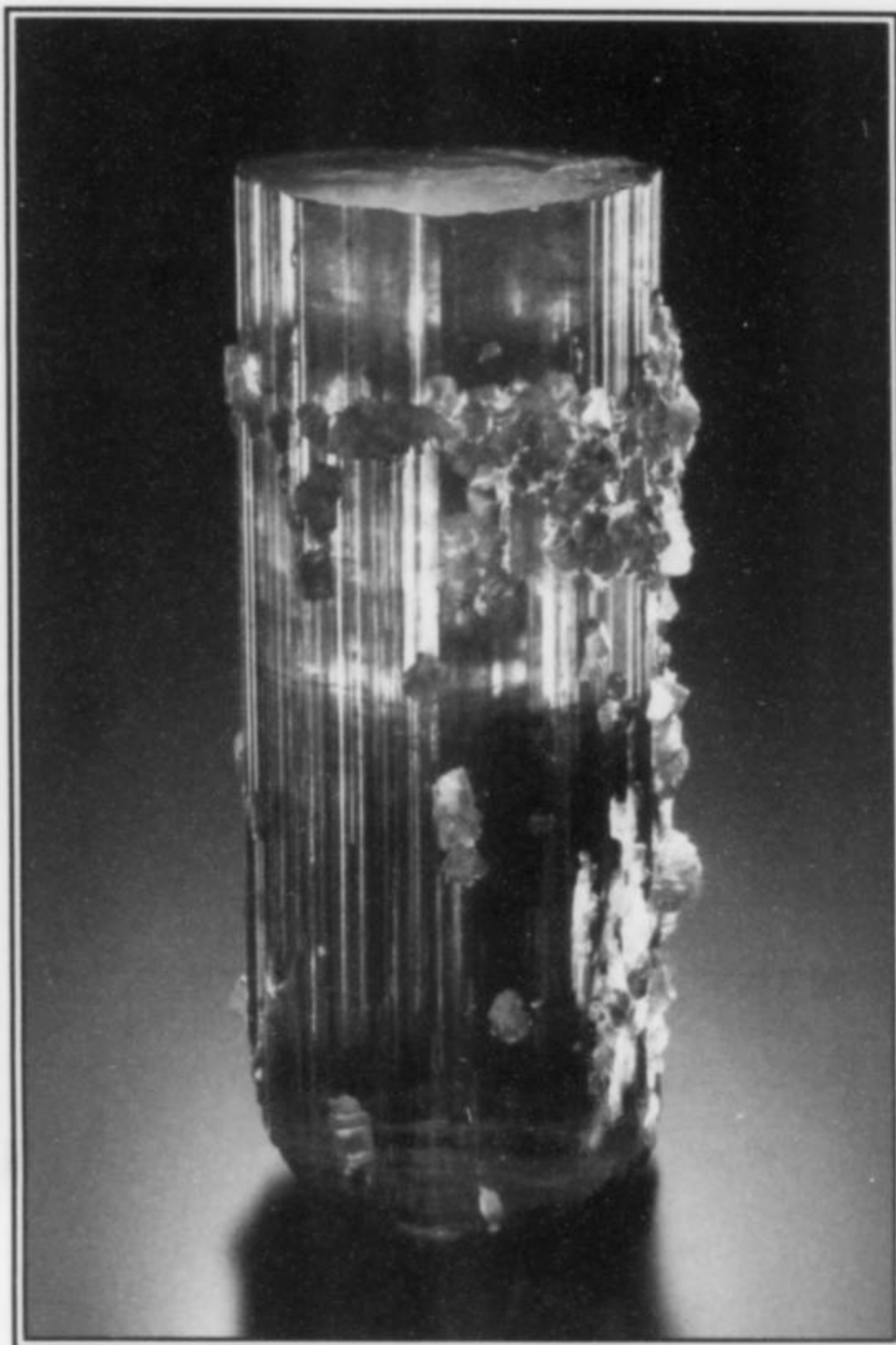
Brookite, 4.6 cm, Magnet Cove, Hot Springs County, Arkansas. Ex Miguel Romero collection. Joe Budd photo.

Hemimorphite pseudomorph after calcite crystals, colored by greenockite, 7.8 cm, Joplin, Missouri. Ex George Vaux Jr., Richard Hauck collections. Jeff Scovil photo.

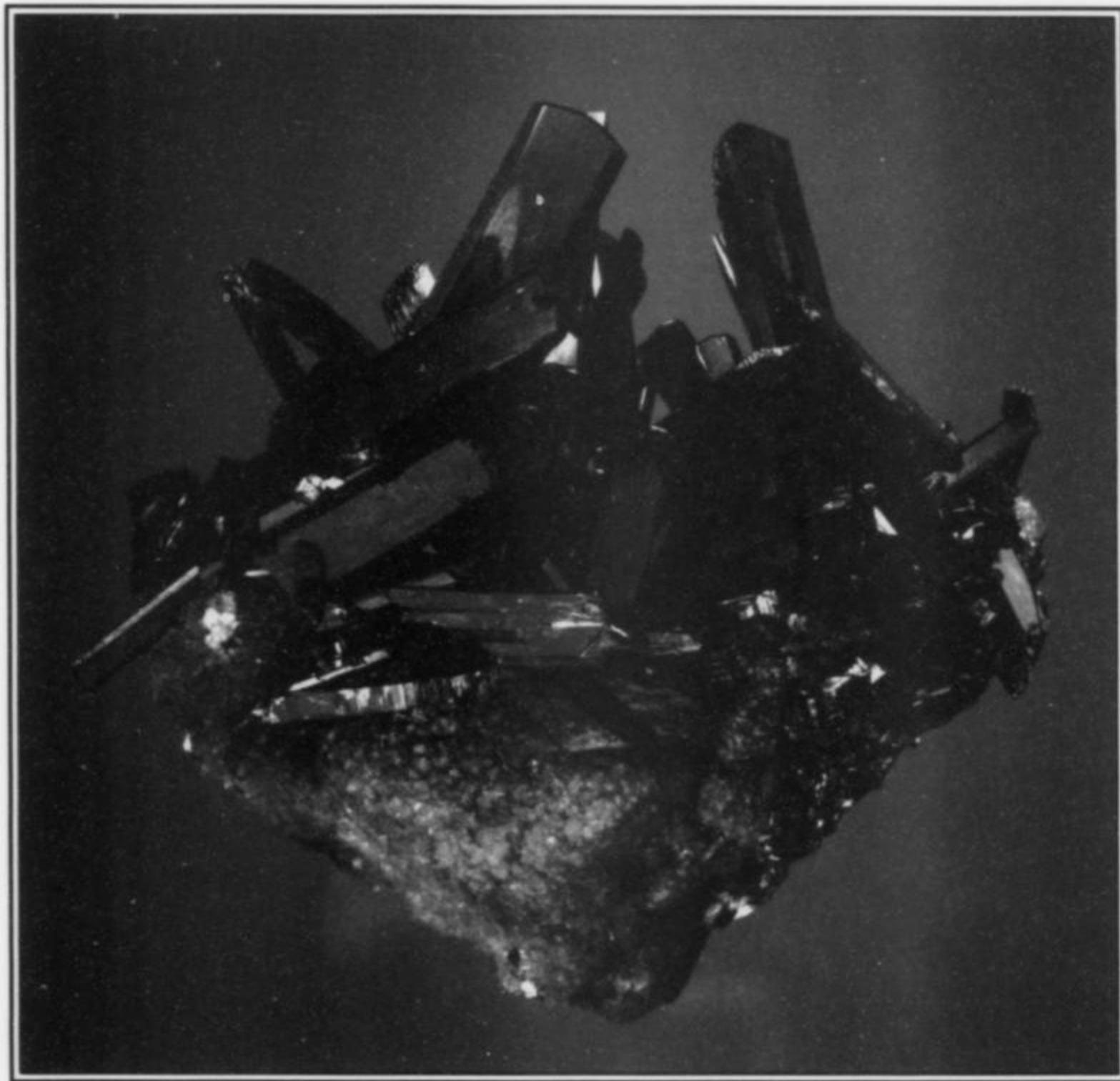




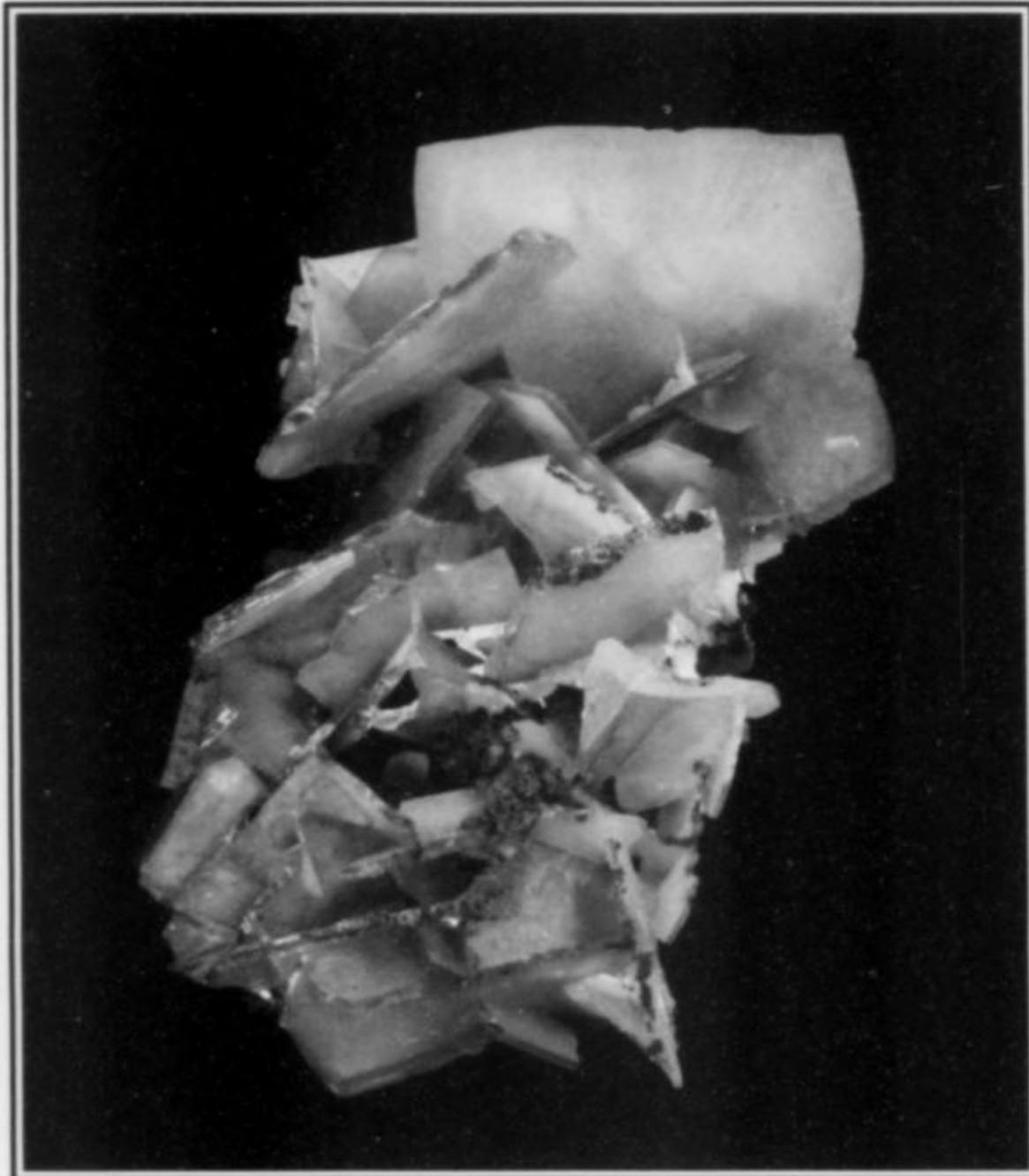
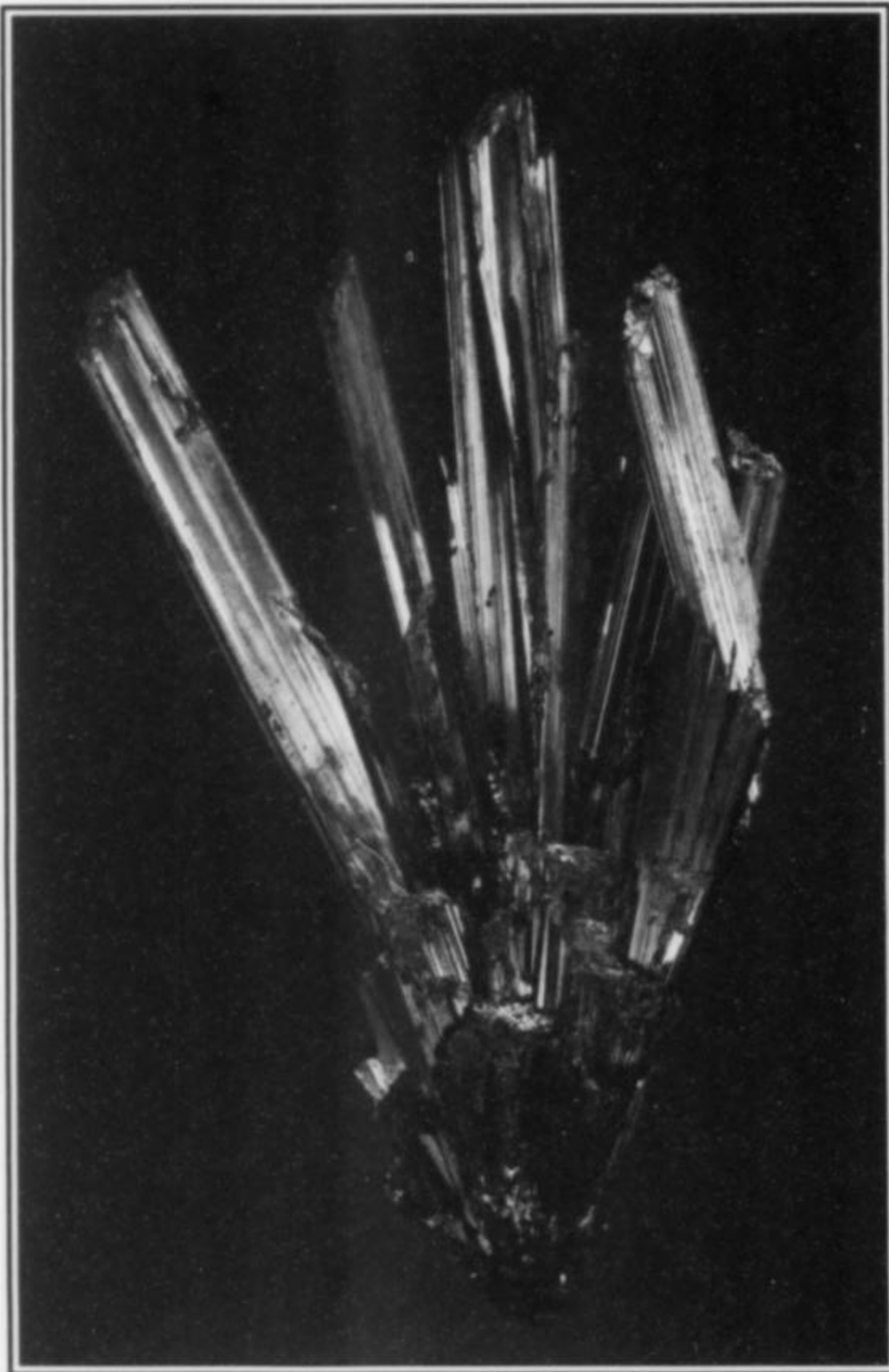
Smithsonite, 8 cm, Kelly mine, Magdalena, Socorro County, New Mexico. Joe Budd photo.



Elbaite, 7.8 cm, Himalaya mine, Mesa Grande district, San Diego County, California. Ex Bill Larson, James Zigras collections. Jeff Scovil photo.

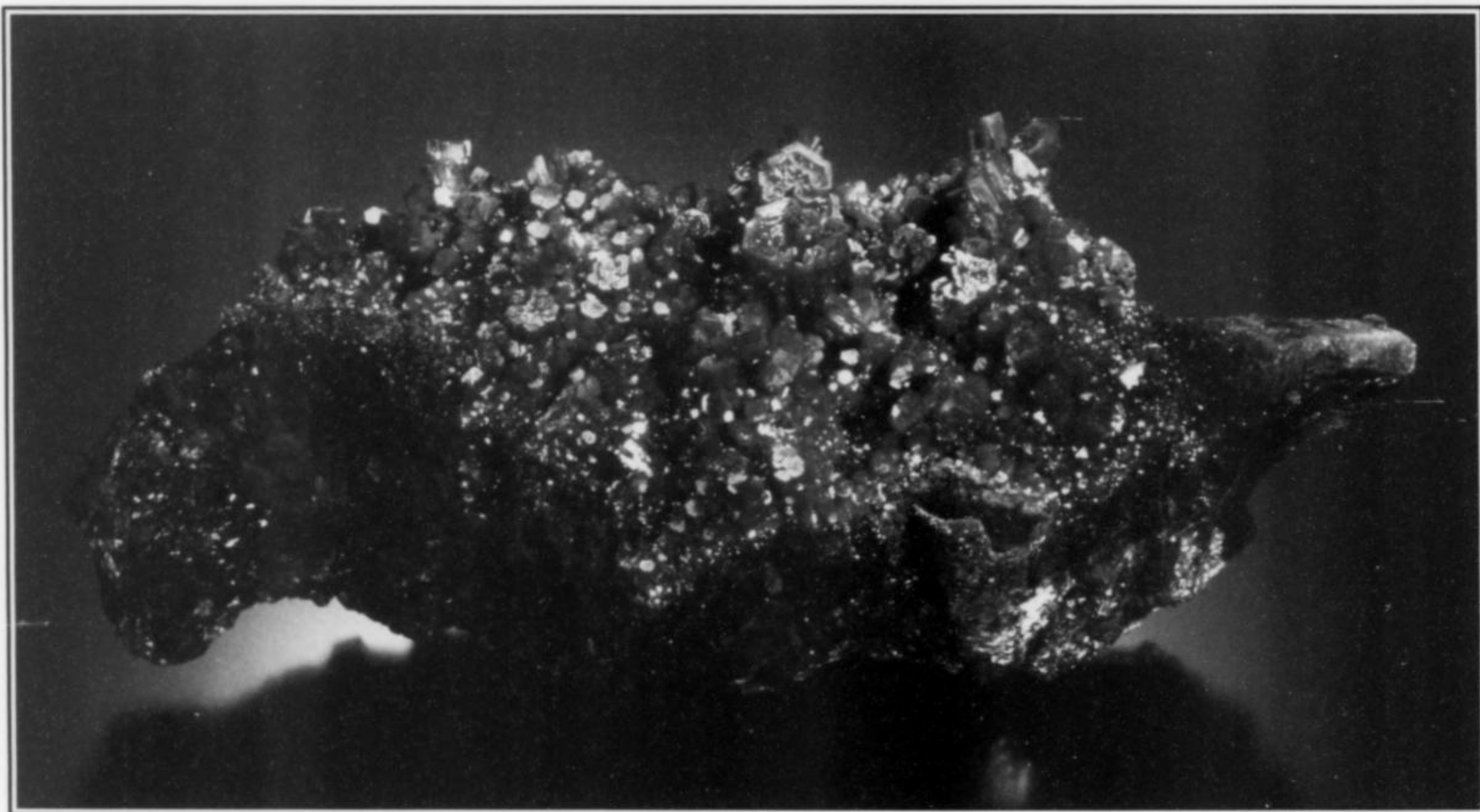


Vivianite, 9.6 cm, Blackbird mine, Cobalt, Lemhi County, Idaho. Ex Tom McKee, Steve Neely collections. Jeff Scovil photo.

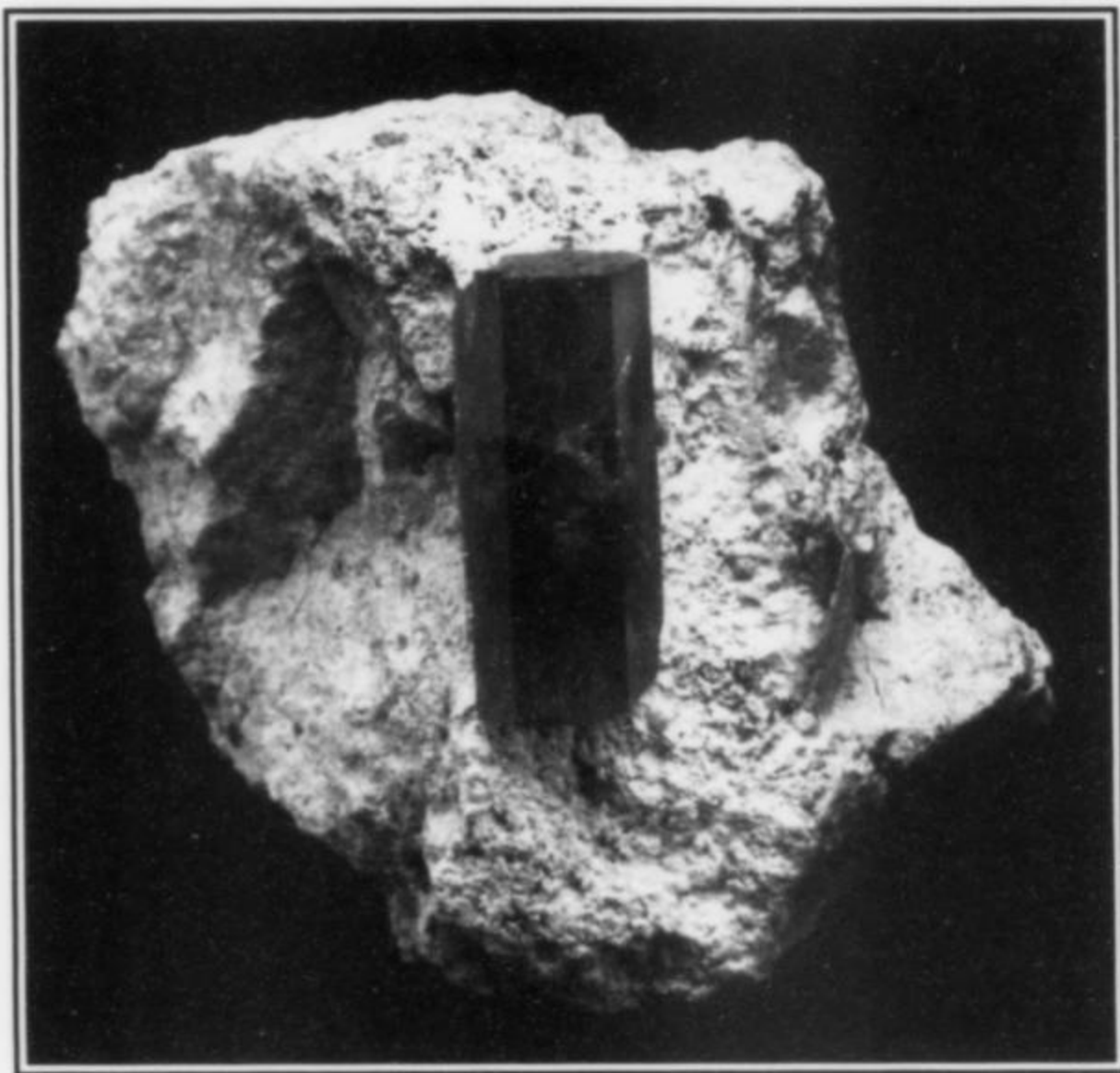


Wulfenite crystals to 2.8 cm, from the Stephenson-Bennett mine, Dona Ana County, New Mexico. Ex Ed Madison collection; Joe Budd photo.

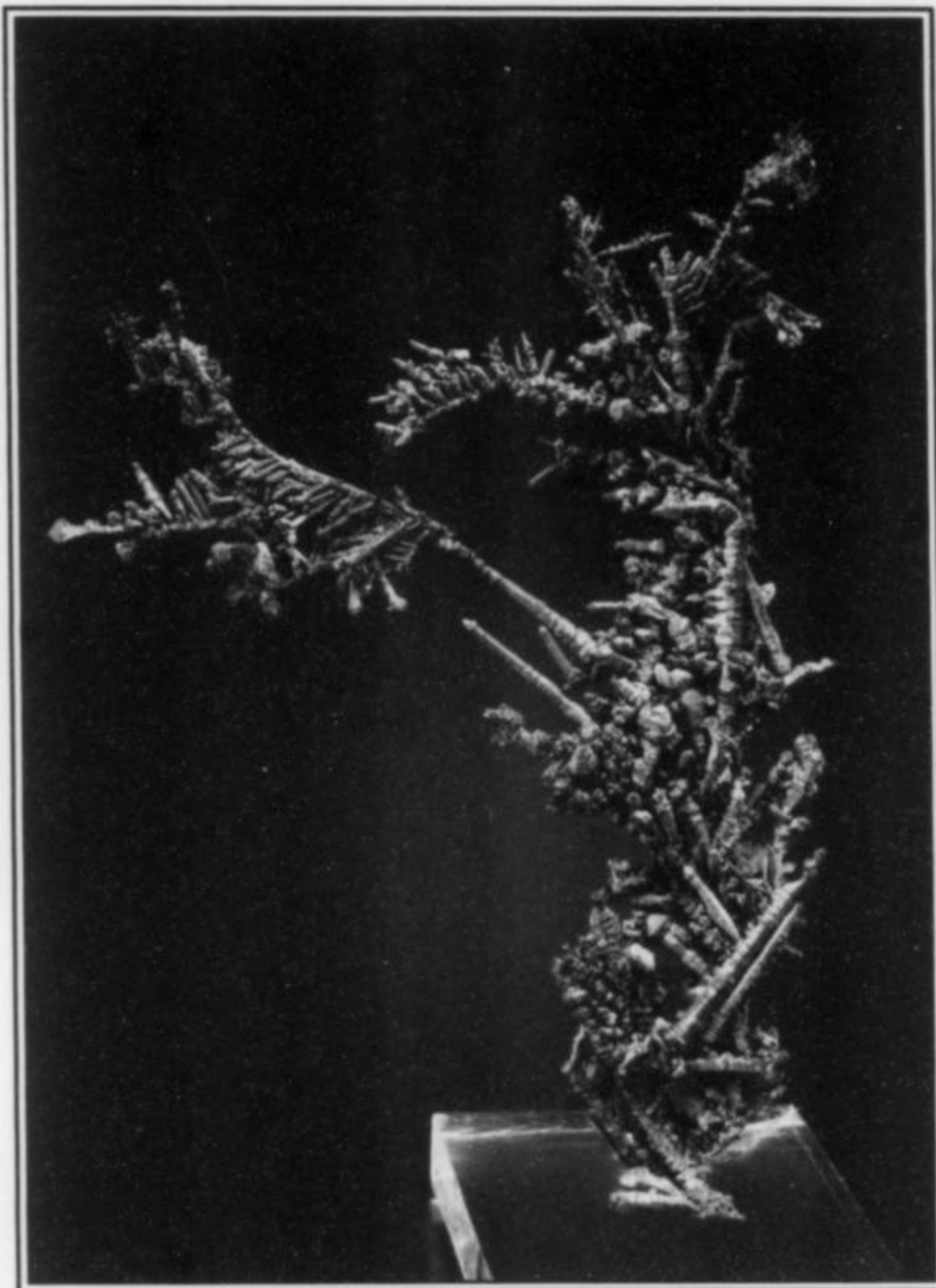
Stibnite, 12.2 cm, White Caps mine, Manhattan, Nye County, Nevada. Ex Peter Bancroft collection. Jeff Scovil photo.



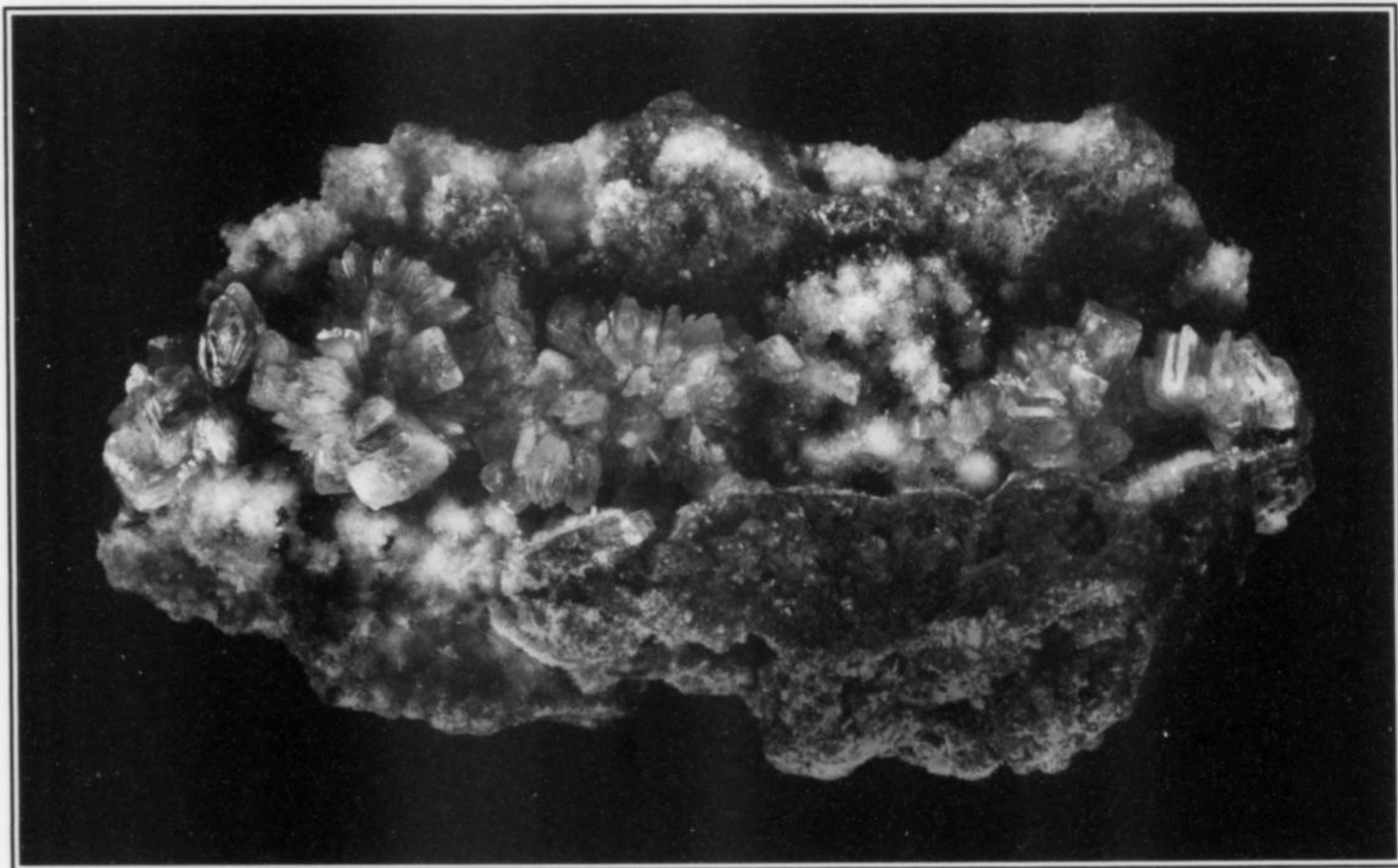
Vanadinite, 13.1 cm, Pure Potential (North Geronimo) mine, La Paz County, Arizona. Ex George Godas, Dr. Ed David collections. Jeff Scovil photo.



Red beryl, 2.1-cm crystal, Wah Wah Mountains, Beaver County, Utah. Ex Rex Harris collection. Jeff Scovil photo.



Copper, 8.3 cm, Battle Mountain, Nevada. Ex Frank Valenzuela collection. Jeff Scovil photo.



Hemimorphite, 11.8 cm, Elkhorn mine, Jefferson County, Montana. Ex Maynard Bixby, Chicago Field Museum of Natural History, Dan Ehrling collections. Jeff Scovil photo.

Diane & Keith Brownlee

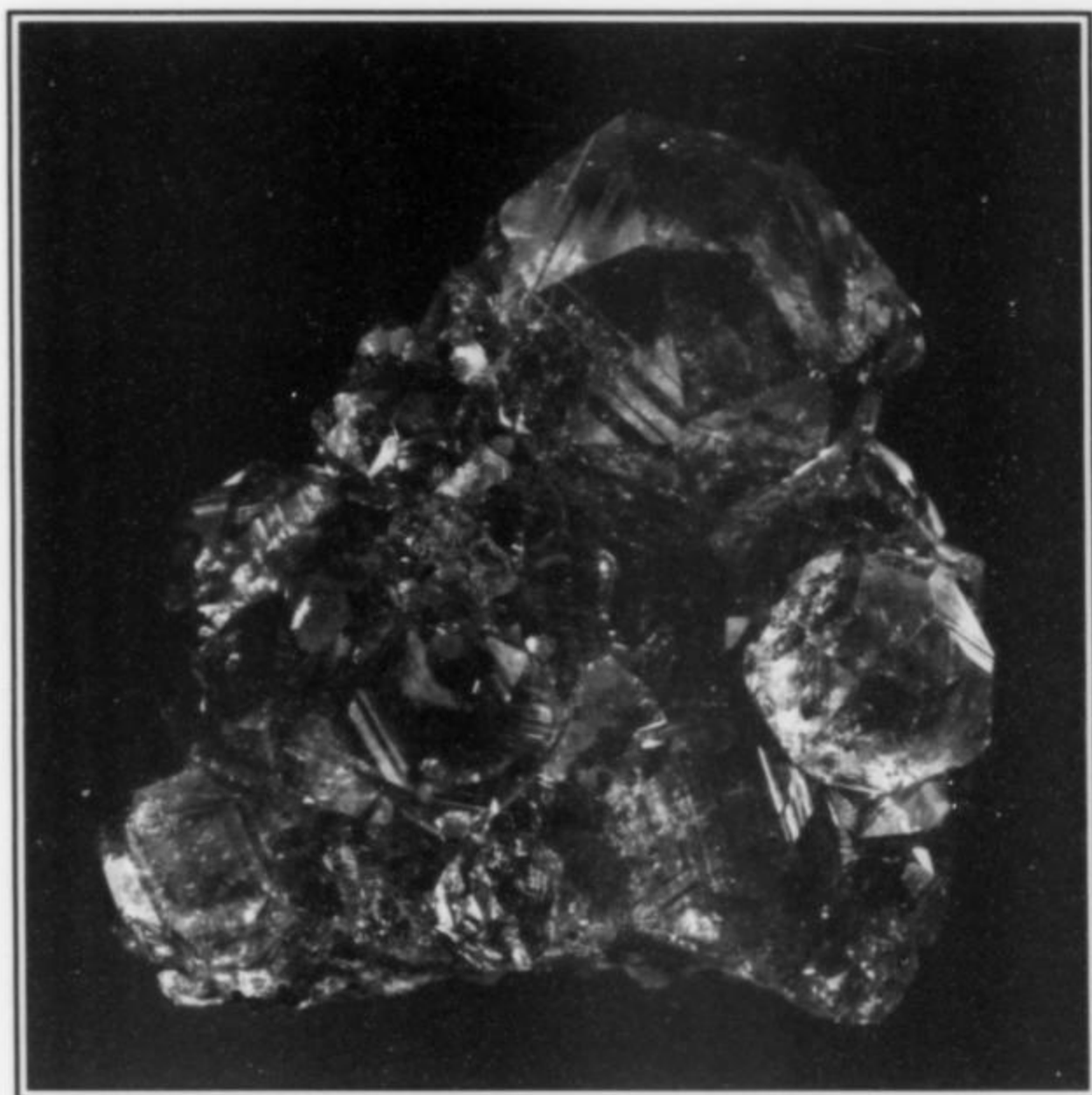


We are both graduates of the Colorado School of Mines, and share an interest in mineralogy and mineral collecting. We both collected minerals in the field when we were growing up, and we still associate it with jeeping, mine dumps and enjoying the outdoors. As our family was growing, we had to limit our personal collection to self-collected specimens, but since 2000 we have expanded our scope to include fine-quality minerals from commercial sources. Color, condition and aesthetics are our primary selection criteria. Our specimens range from miniature to cabinet-size.

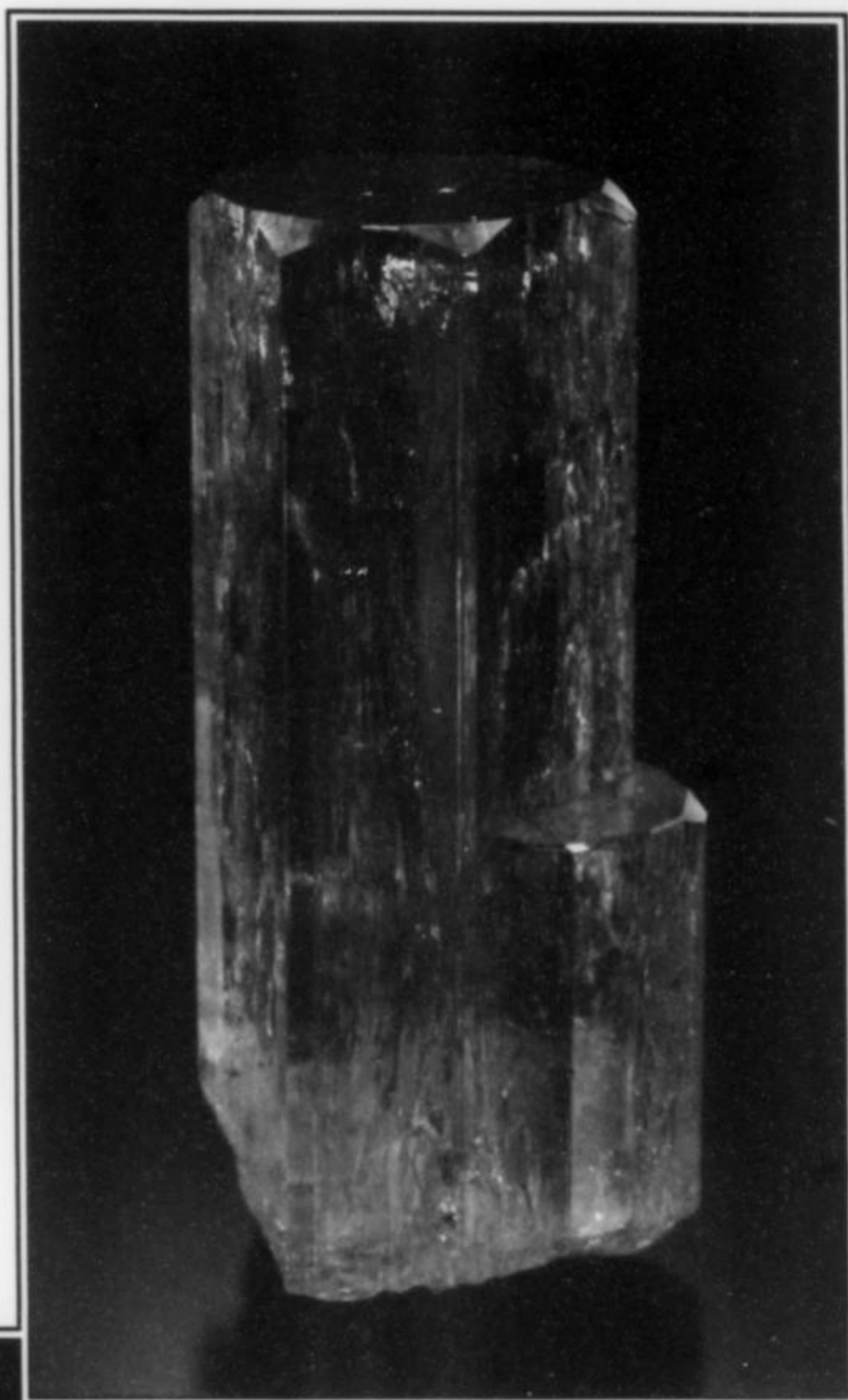
We have been members of the MAD group since the mid-1990s, and we especially appreciate the depth of knowledge, camaraderie, and support that goes along with membership.



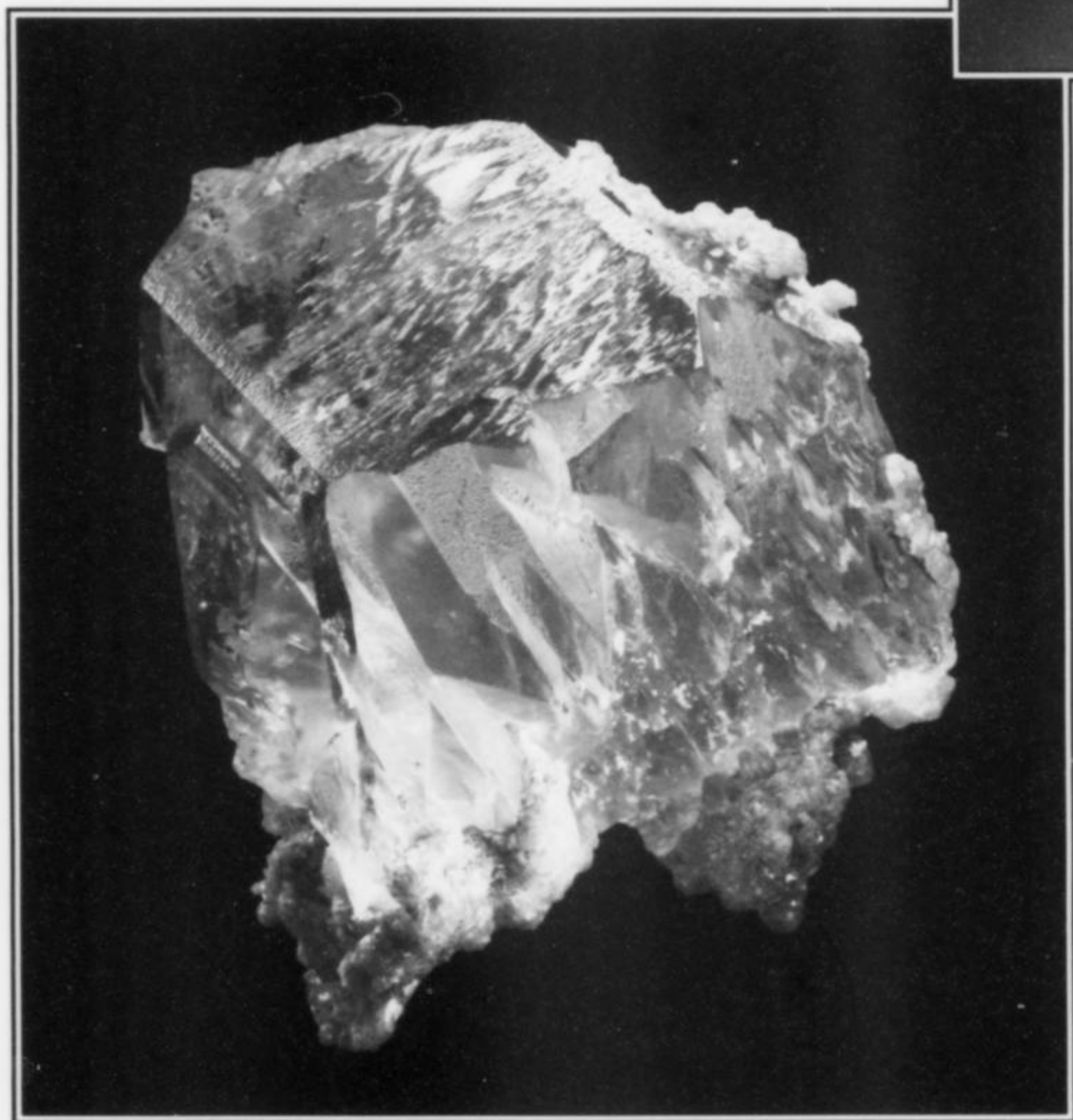
Rhodochrosite with quartz, tetrahedrite and fluorite, 10.7 cm, Blueberry pocket, Sweet Home mine, Alma, Park County, Colorado. Jeff Scovil photo.



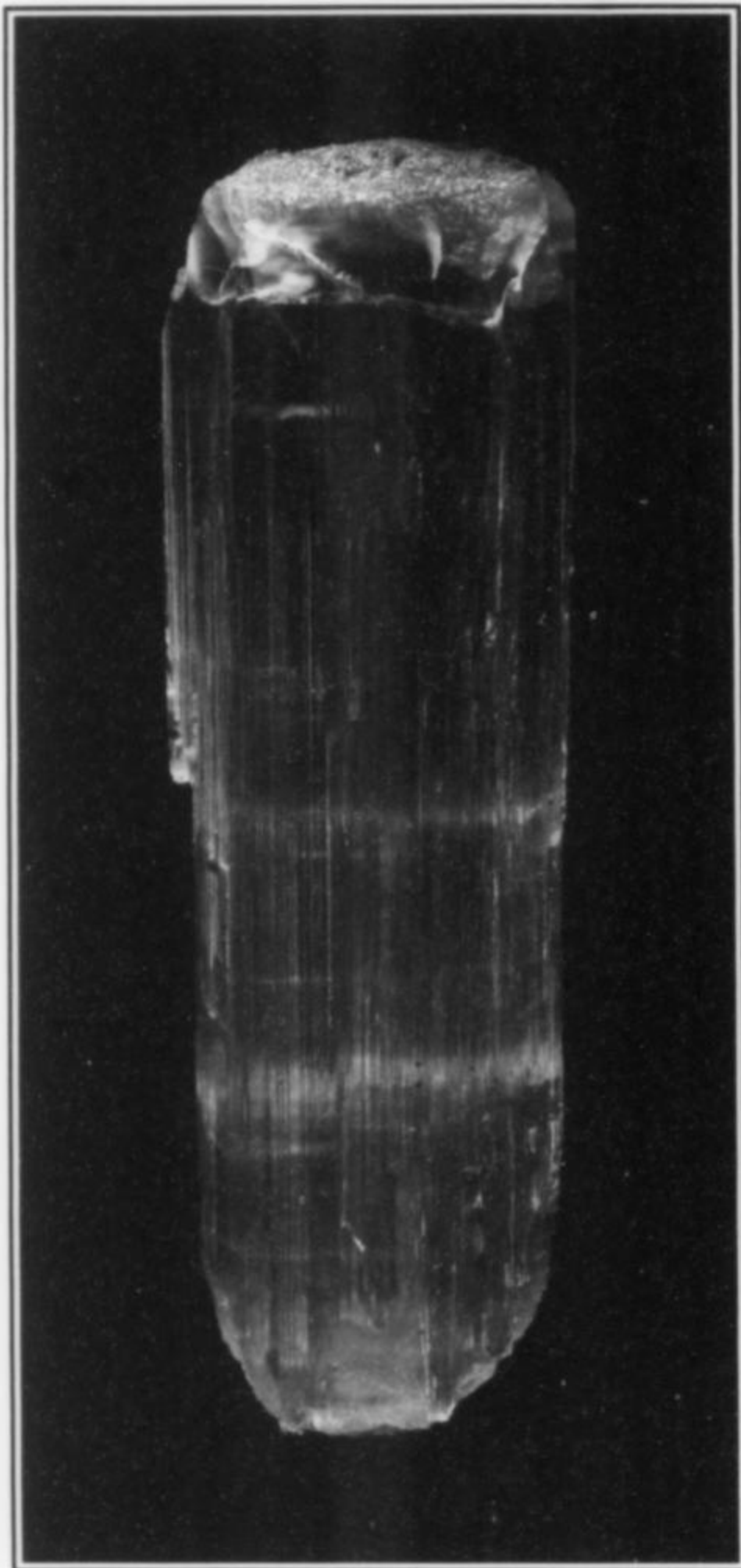
Grossular, 3.3 cm, Jeffrey mine, Asbestos,
Quebec, Canada. Ex Jim & Dawn Minette collection.
Jeff Scovil photo.



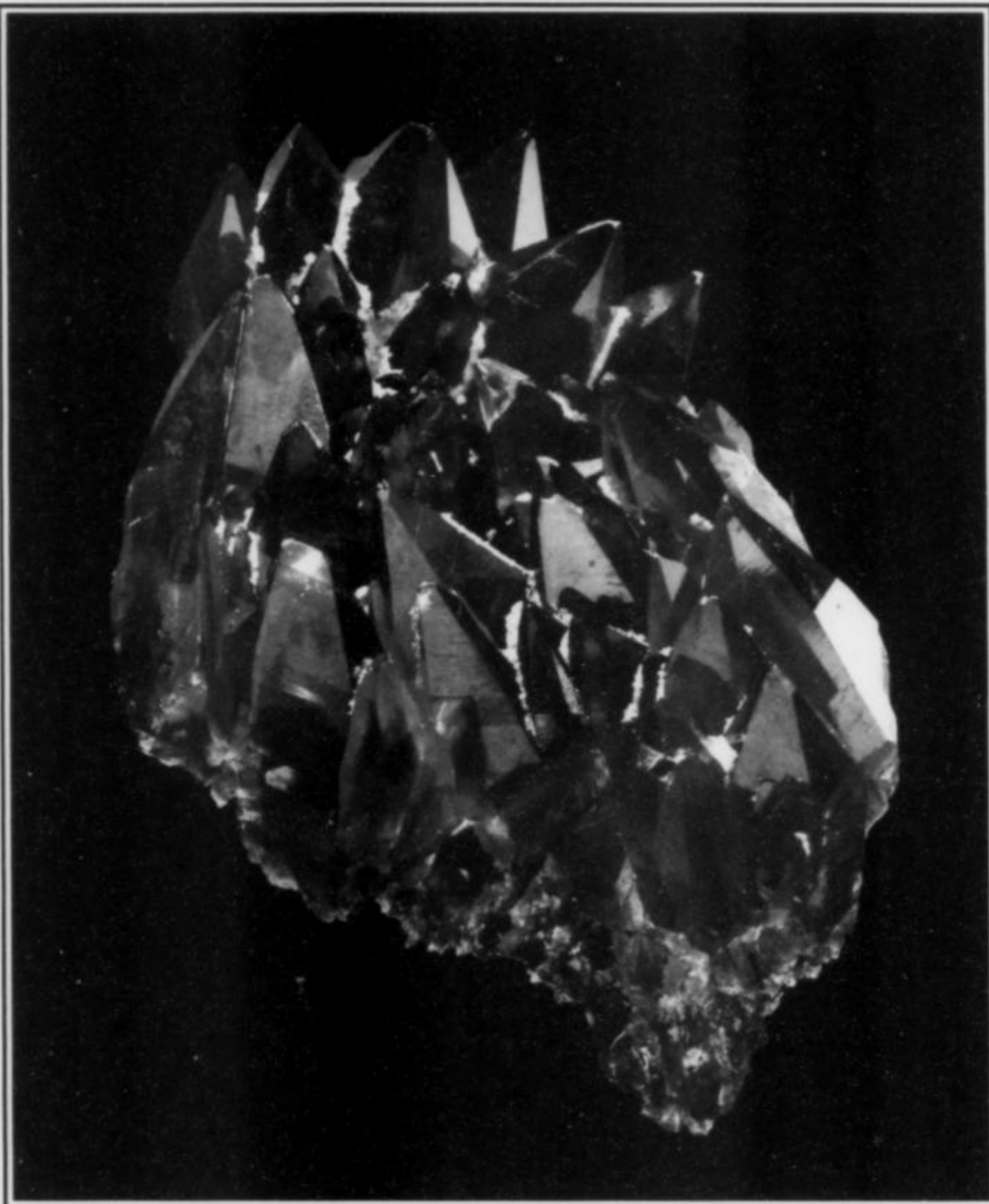
Emerald beryl, 3.8 cm, Cosquez
mine, Muzo, Boyaca, Colombia.
Jeff Scovil photo.



Topaz, 9.5 cm, Xanda mine,
Virgem da Lapa, Minas Gerais,
Brazil. Joe Budd photo.

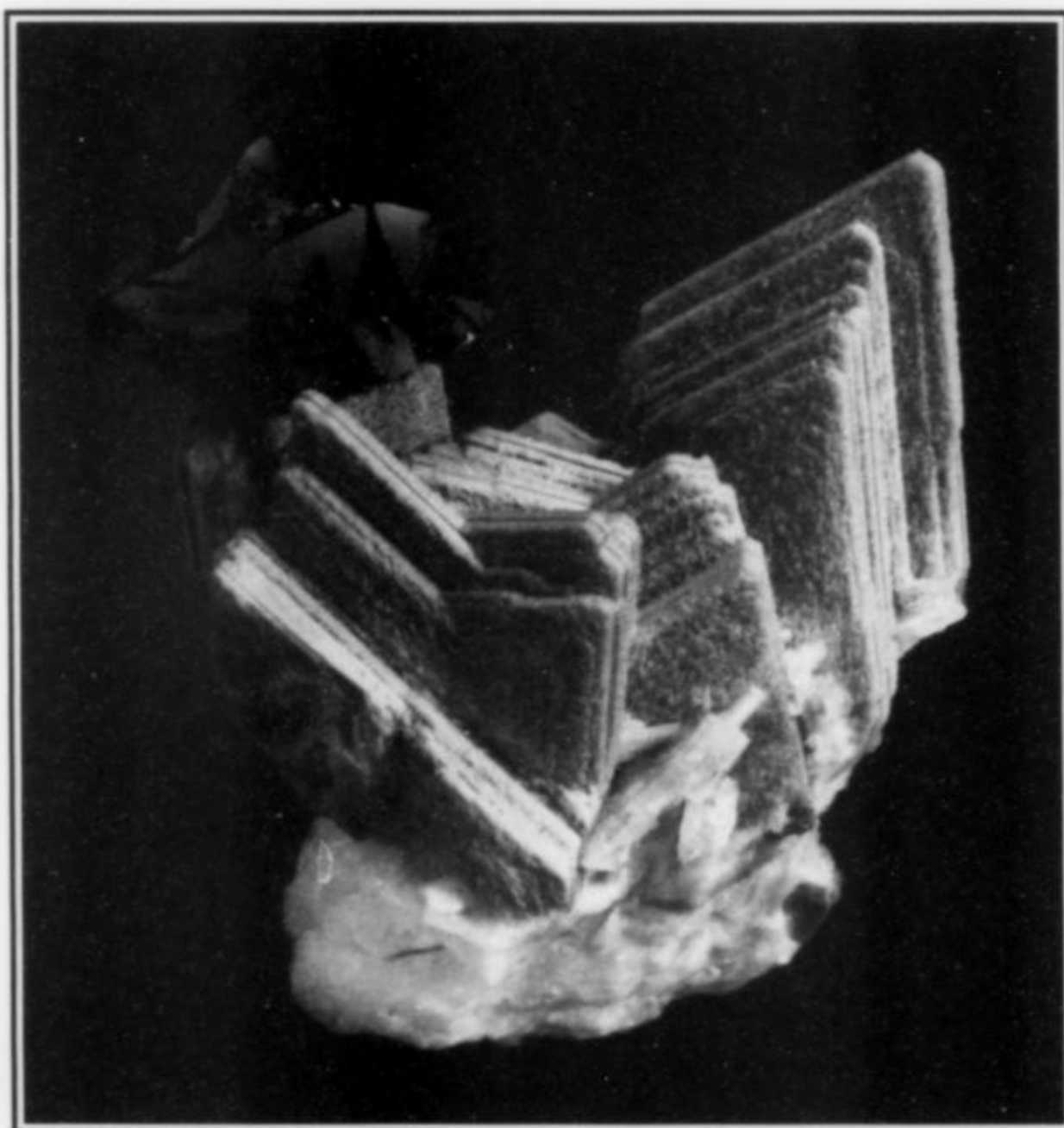


Aquamarine beryl, 10 cm, Blue mine, Shigar Valley, Skardu district, Northern Areas, Pakistan. Ex Steve Smale collection. Joe Budd photo.

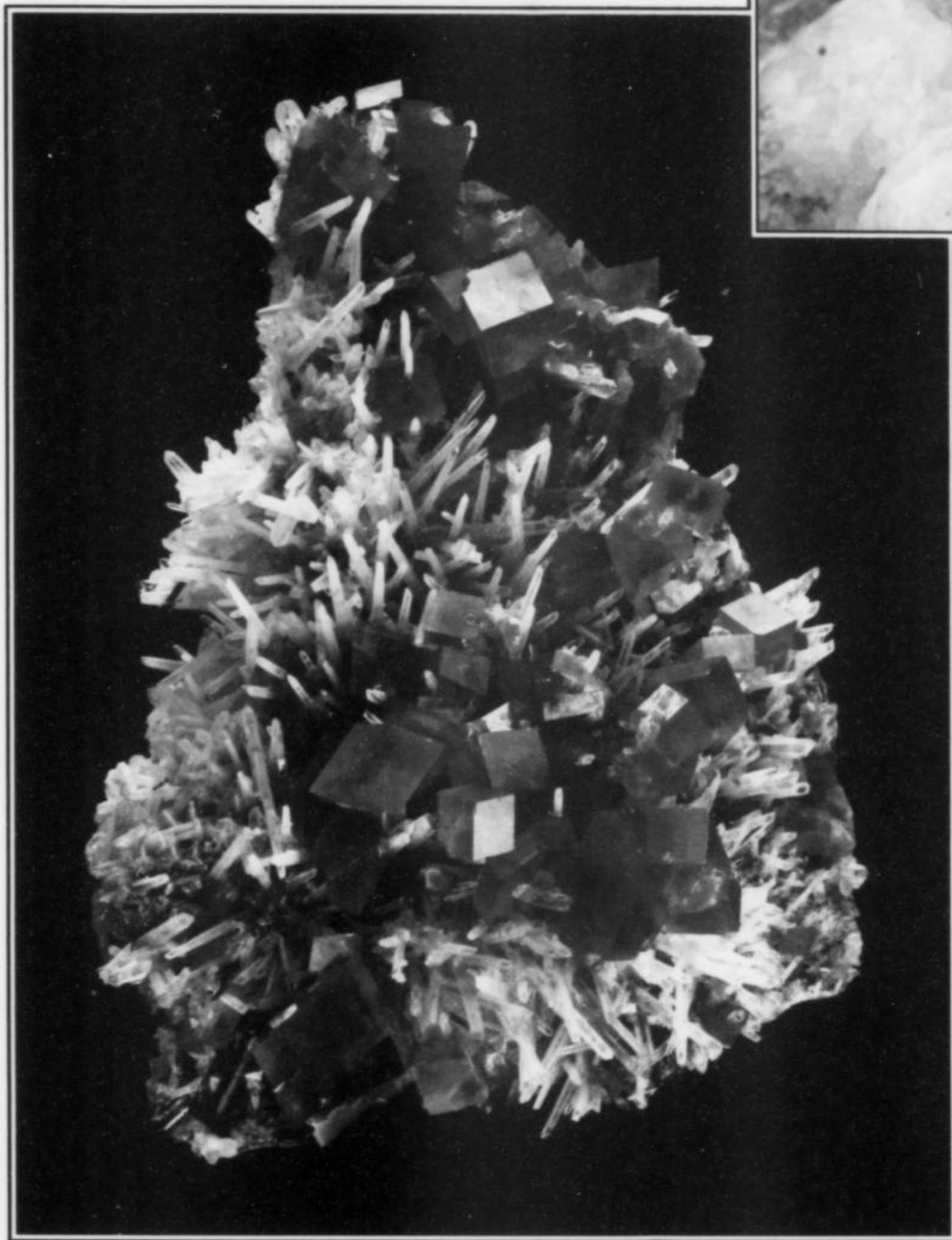


Rhodochrosite, 5.3 cm, N'Chwaning II mine, Kalahari Manganese Field, Cape Province, South Africa. Joe Budd photo.

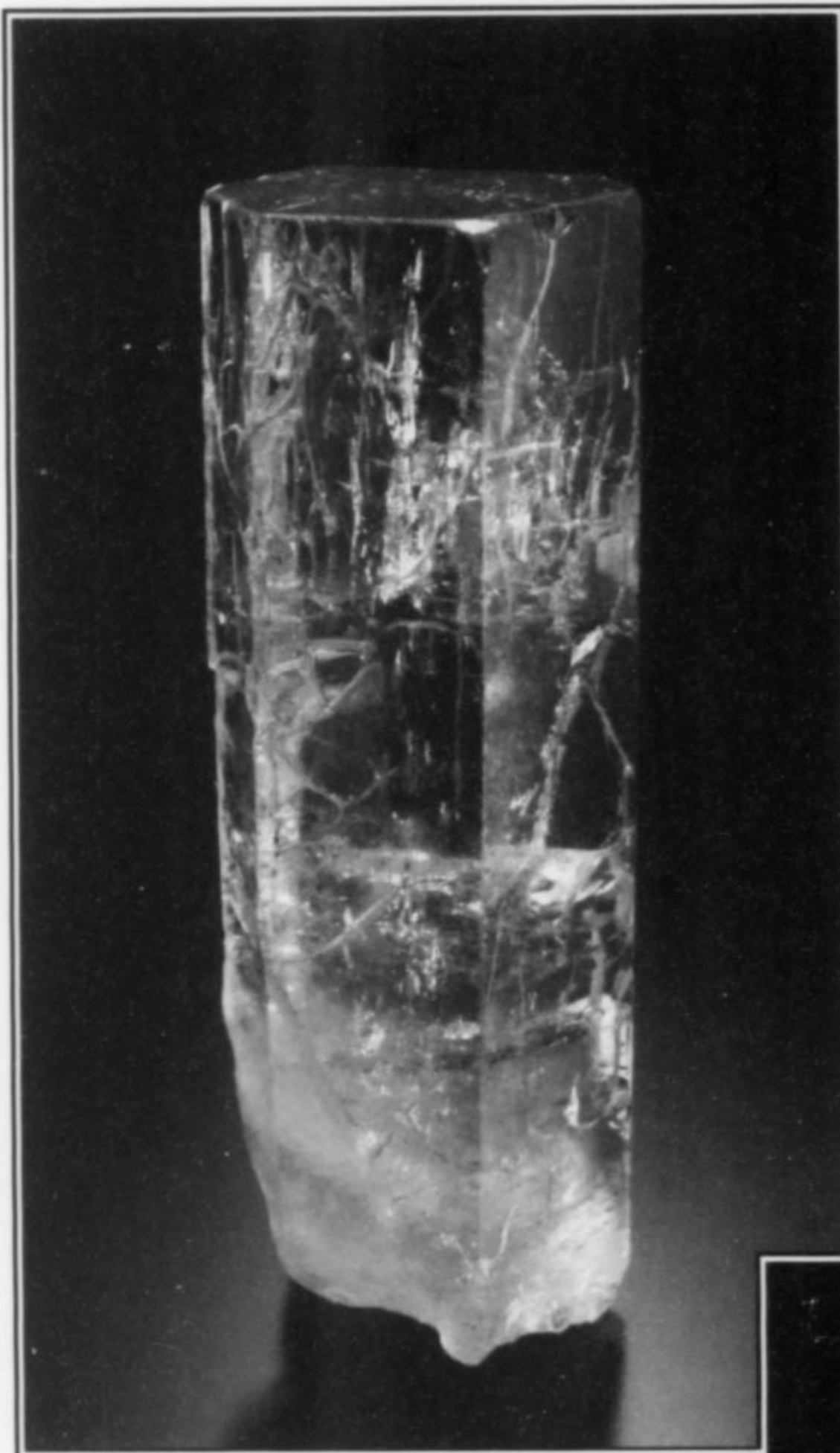
Cassiterite on muscovite, 6 cm, Galiléia, Minas Gerais, Brazil. Jeff Scovil photo.



Gold on quartz, 6.5 cm, Mockingbird mine, Mariposa County, California. Jeff Scovil photo.



Rhodochrosite with quartz, 10 cm, Sweet Home mine, Alma, Park County, Colorado. Joe Budd photo.

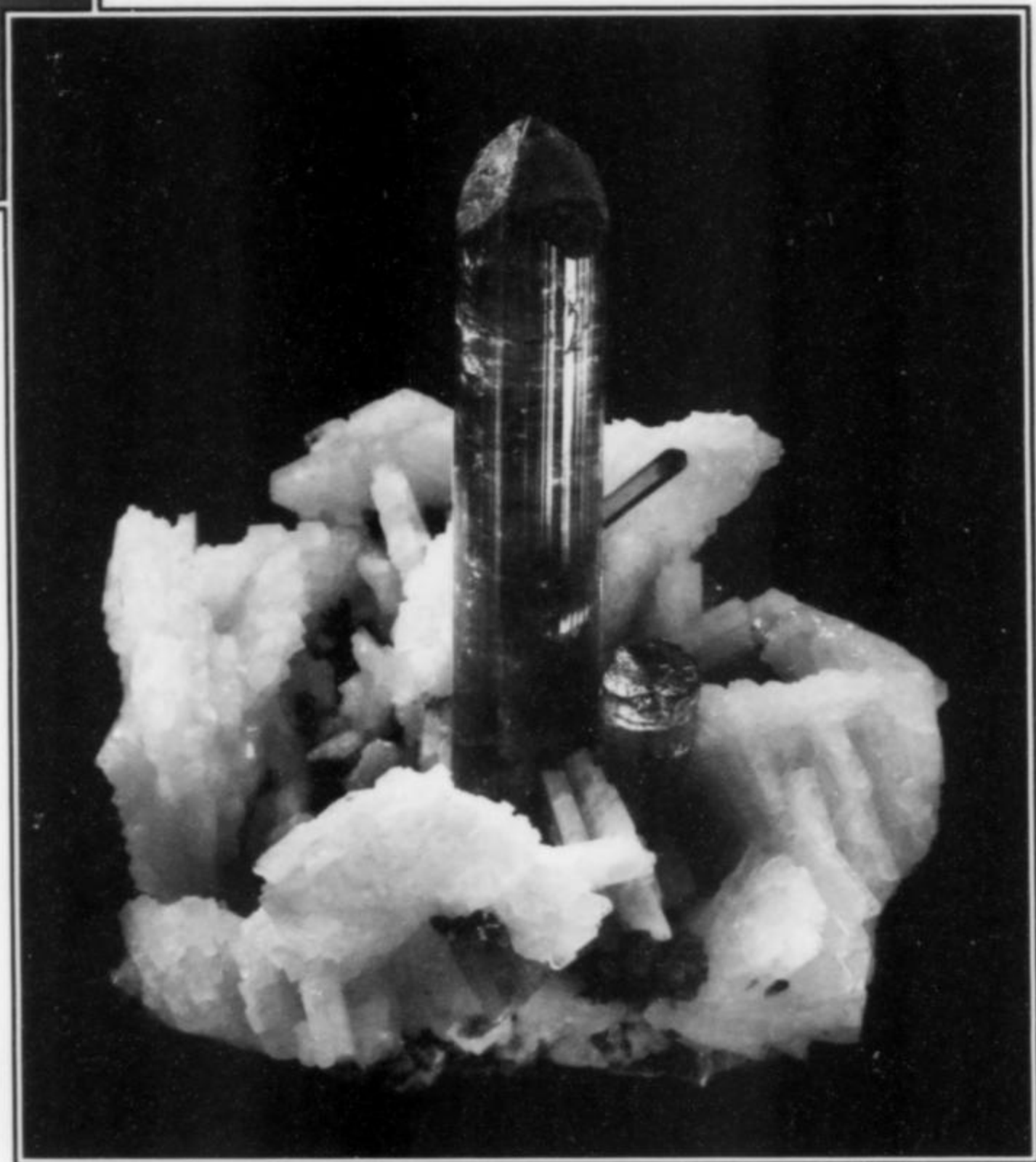


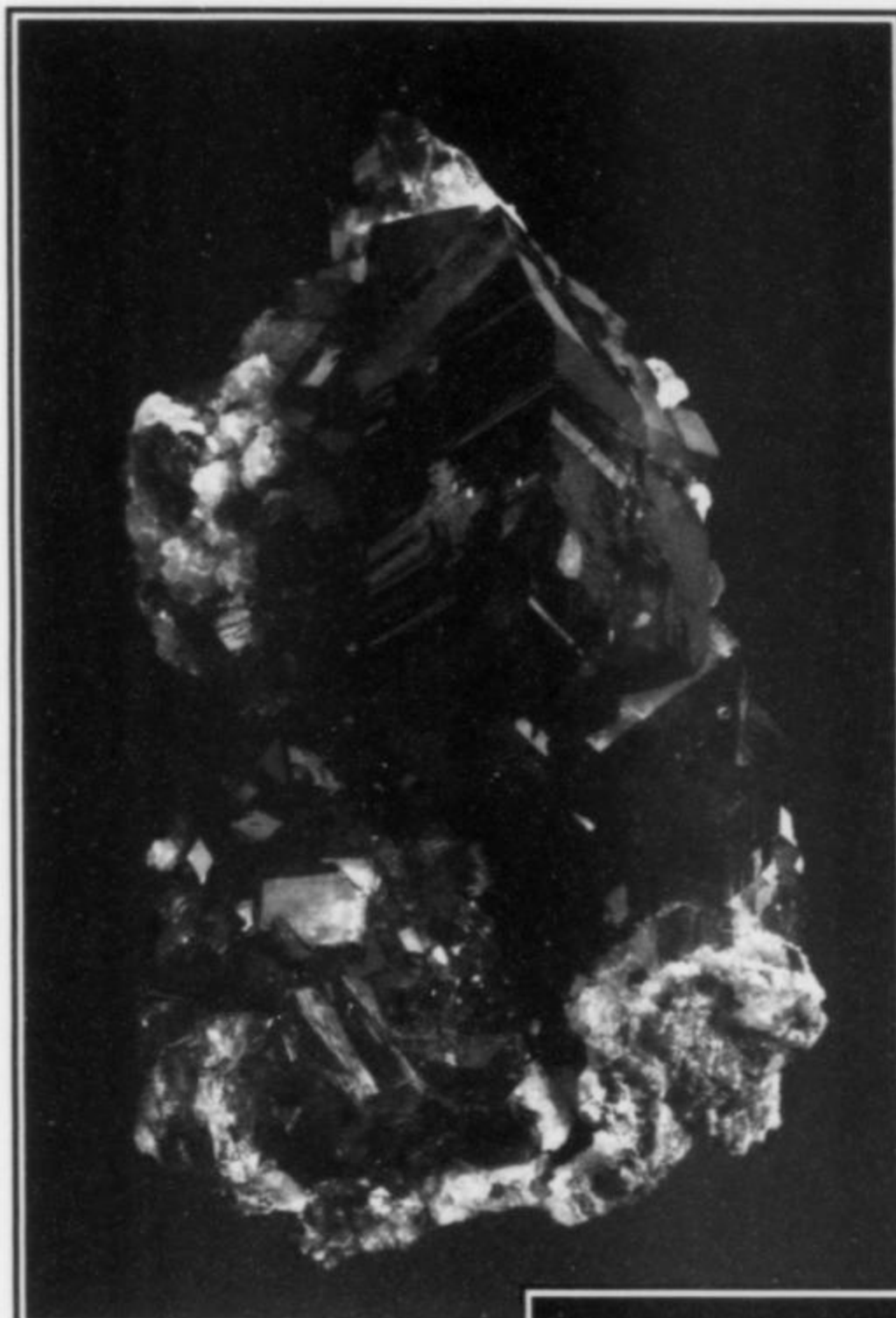
Heliodor beryl, 6.2 cm, Slocum quarry,
East Hampton, Connecticut. Ex Scott
Kleine collection. Jeff Scovil photo.

Elbaite, 9.3 cm, Pederneira
mine, São José da Safira, Minas
Gerais, Brazil. Joe Budd photo.

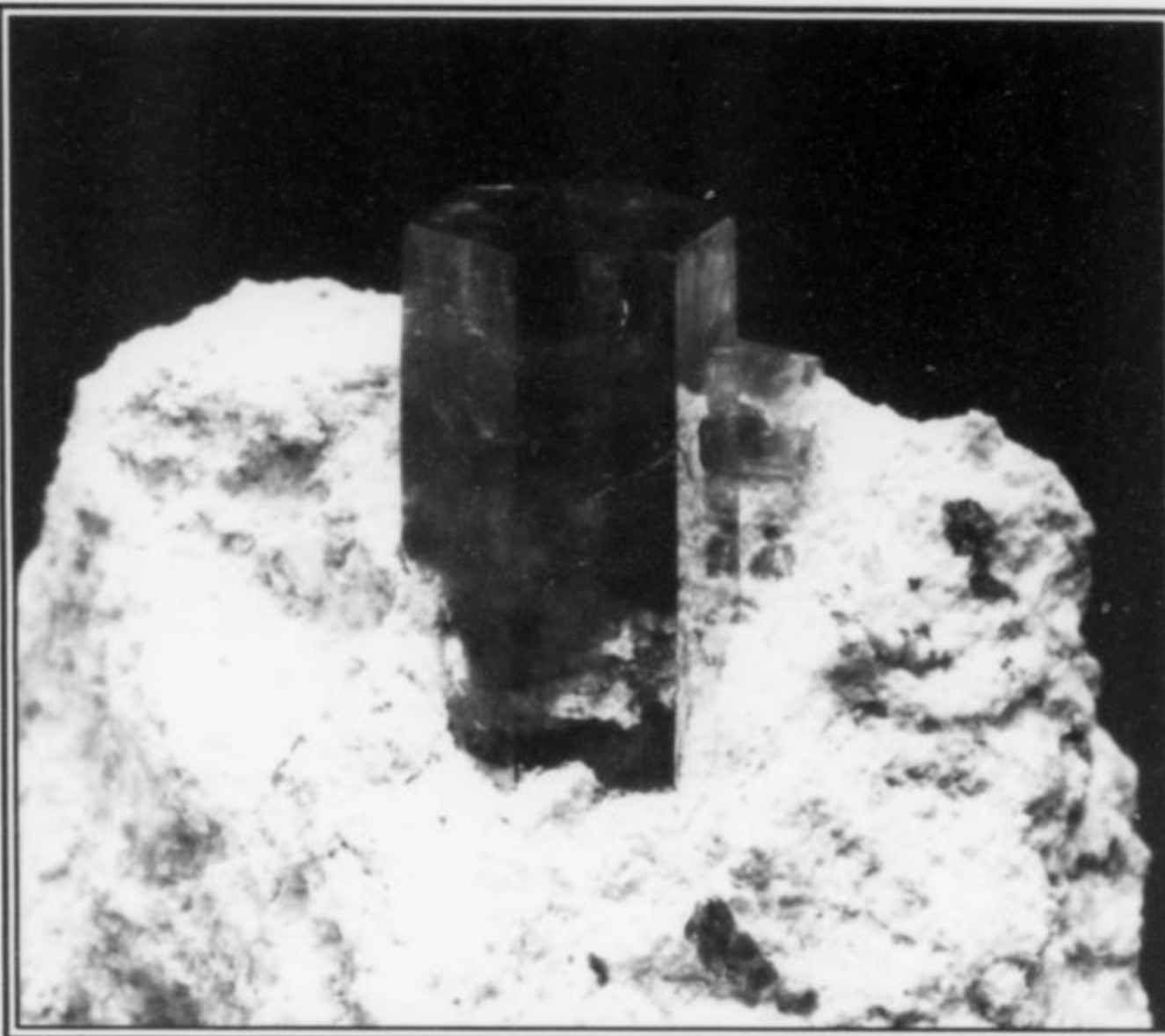


Wulfenite, 5.5 cm, Red Cloud mine, La Paz
County, Arizona. Jeff Scovil photo.



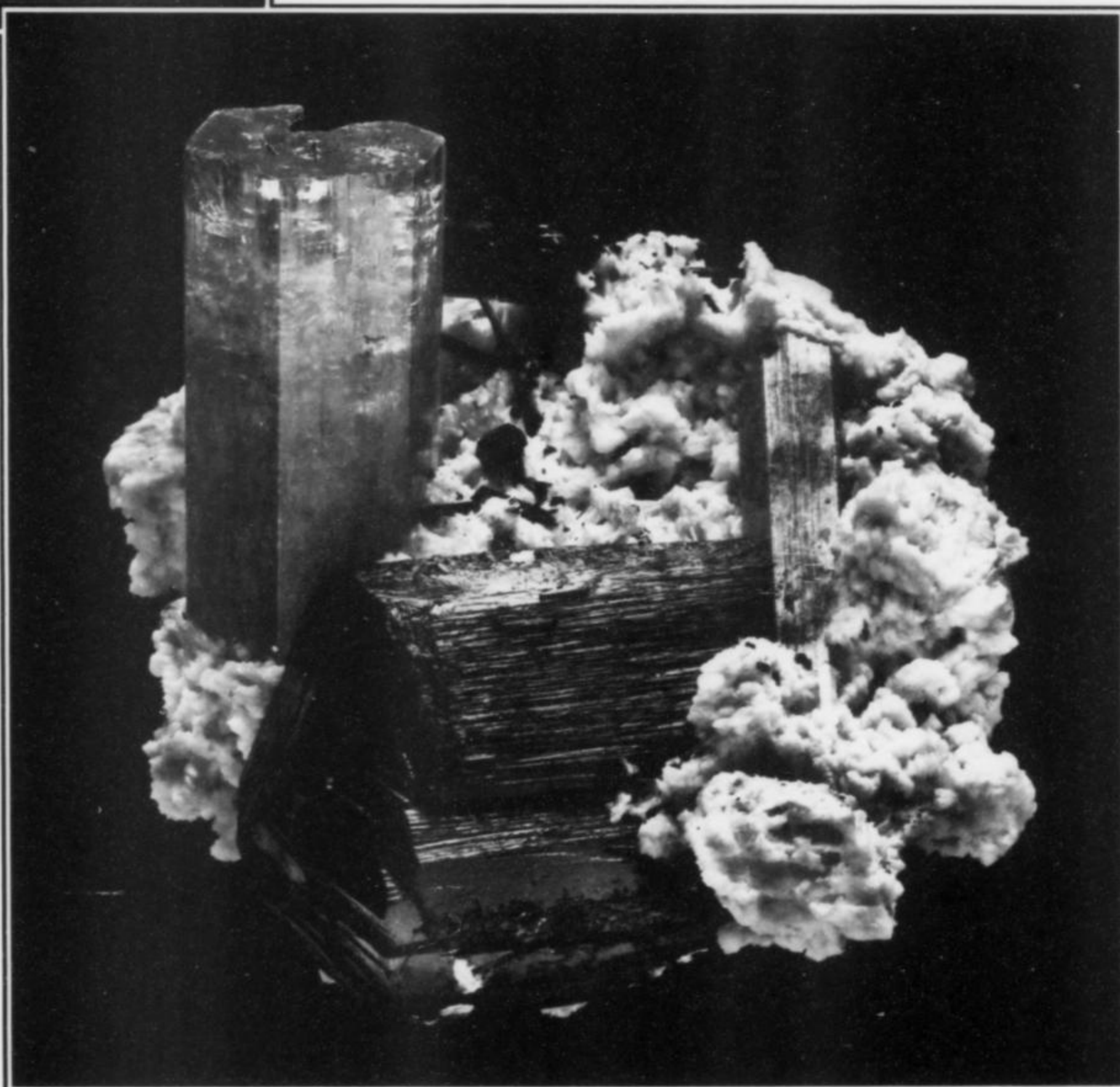


Diopside, 4.7 cm,
Tsumeb mine,
Tsumeb, Namibia.
Jeff Scovil photo.



Red beryl, 4.3 cm, Violet claim, Wah Wah
Mountains, Utah. Ex Deanna Engleborn
collection. Jeff Scovil photo.

Aquamarine (beryl) with
schorl, 11 cm, Erongo
Mountains, Namibia. Joe
Budd photo.

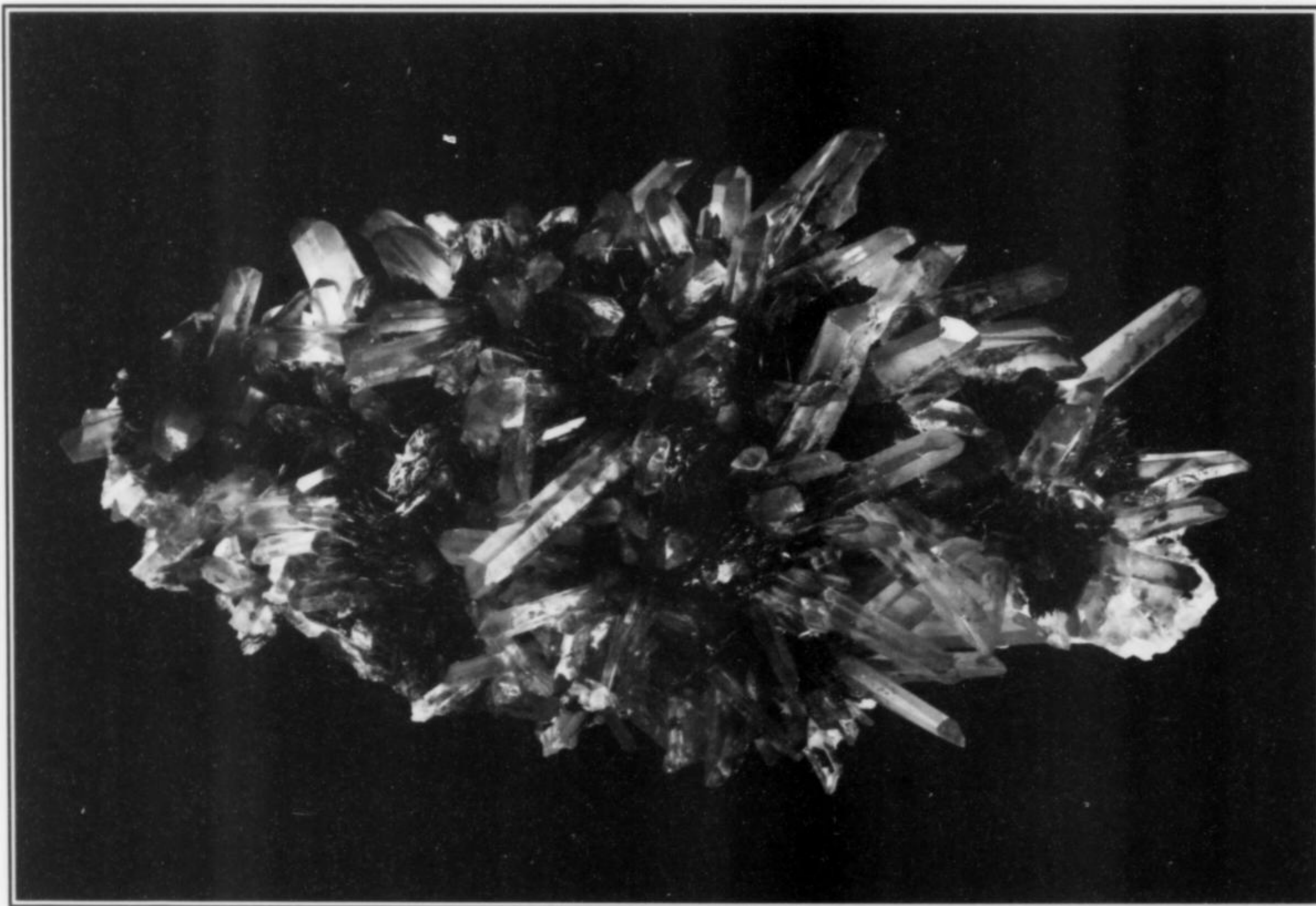


Marc & Janis Countiss

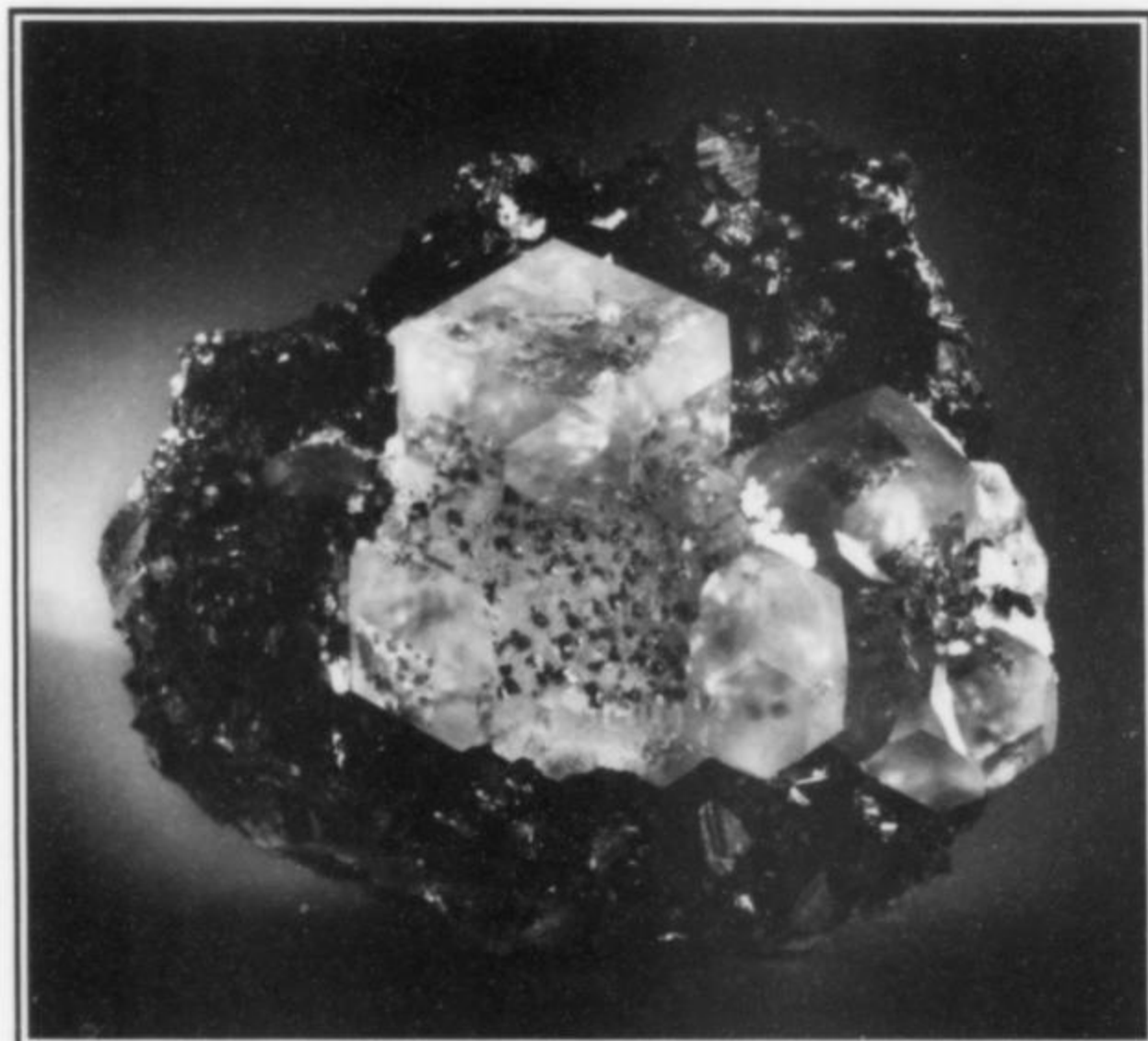


After years of "rock" collecting, I purchased my first true mineral specimen while attending college in 1975. I acquired additional pieces as opportunities arose, but my zeal for the hobby was ignited in Tucson in February 2002. It transformed my idea of what fine minerals are, and I have attended every Tucson and Denver show since 2003. My wife Janis and I attempt to view as many fine collections as possible. Our association with other like-minded collectors, most notably through the Houston Area Mineral Society, has broadened my knowledge base and furthered my love of the hobby.

Although I hold a degree in geosciences, I am drawn to minerals by the art of nature. I prefer matrix pieces and avoid crystals separated from the host rock. I like gem crystals and fluorite specimens in particular but I strive to maintain a diverse collection. My focus is on damage-free cabinet specimens possessing superior aesthetics, but I also have a few miniatures and larger items. Though many of today's collectors buy through the Internet, I prefer to examine a specimen in hand before making a purchase. While I have owned more than 250 pieces, constant grooming has limited my collection to between 50 and 60 specimens at any one time.

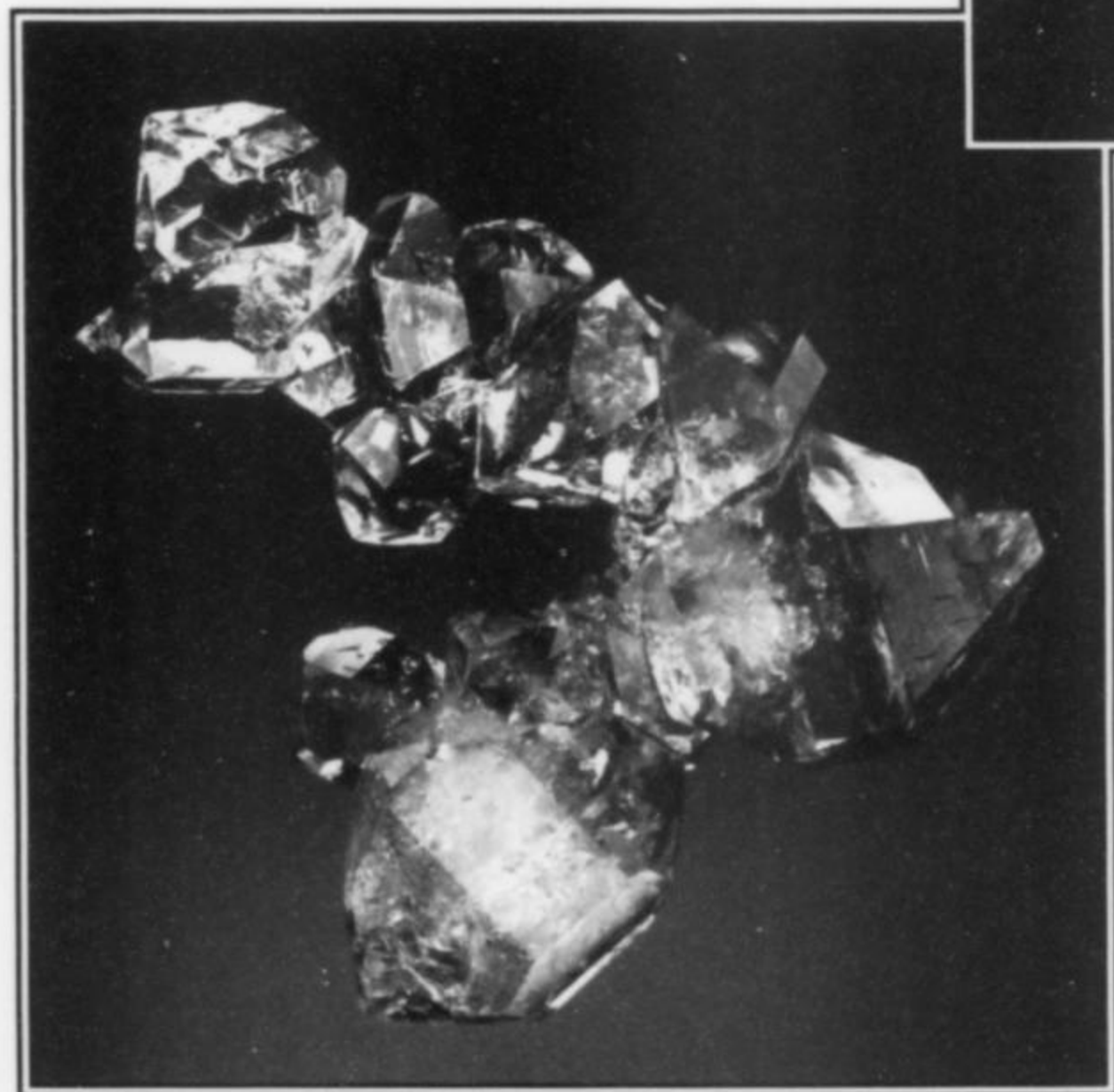
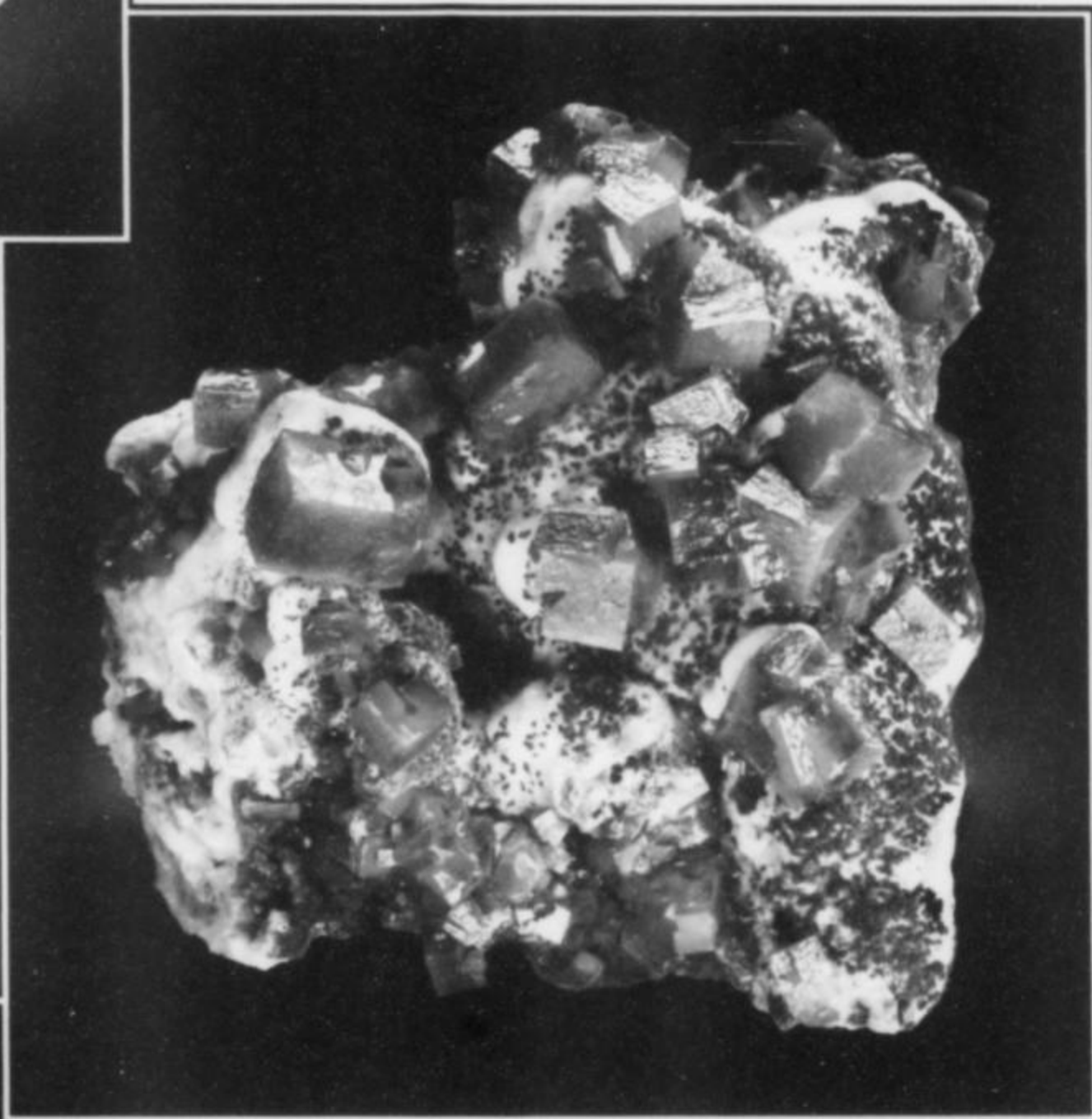


Quartz and hematite, 24 cm, Jinlong mine, Lungchuan, Heyuan Prefecture, Guangdong Province, China. Joe Budd photo.

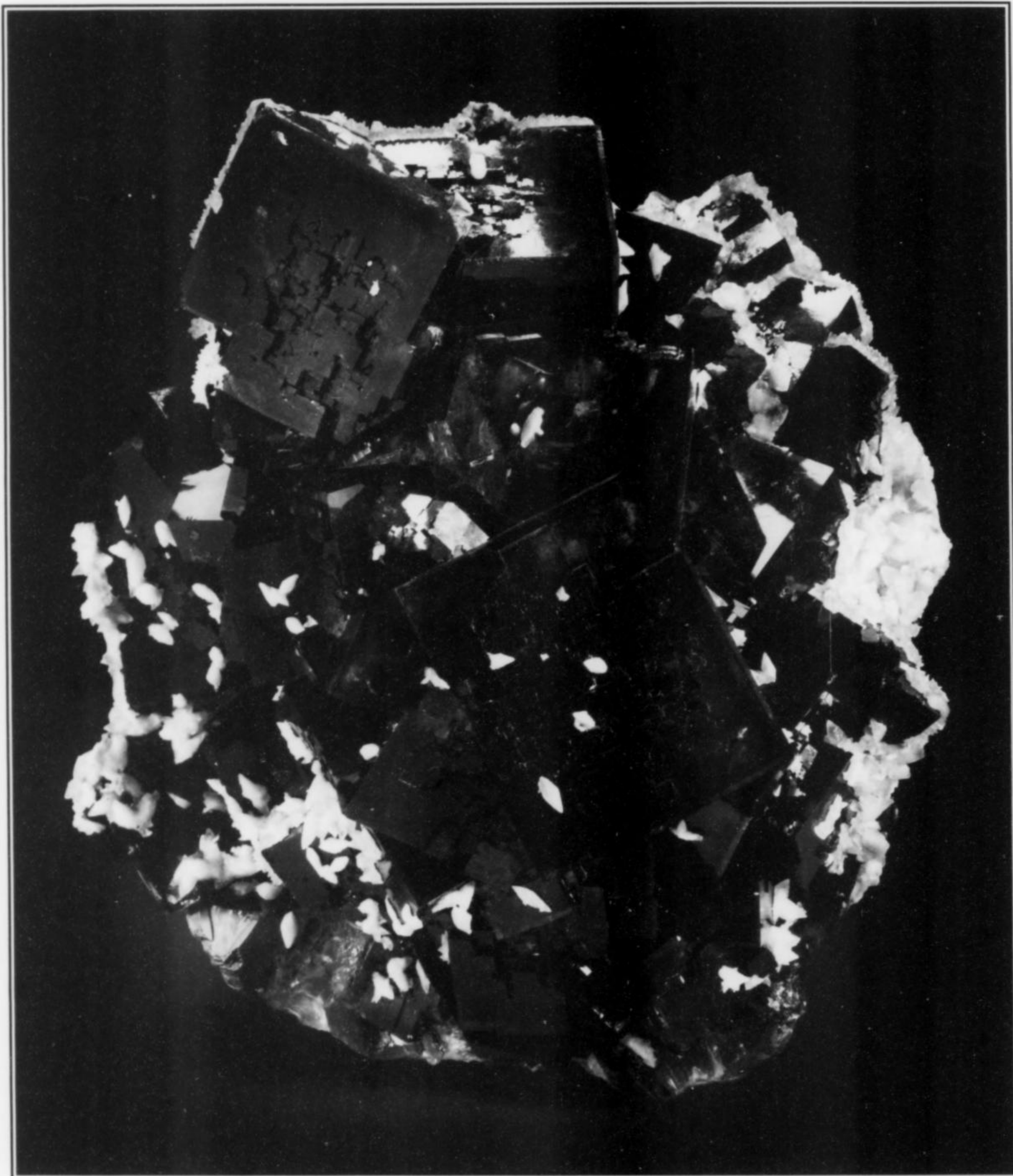


Fluorite on sphalerite, galena and chalcopyrite, 11.5 cm, Gibraltar mine, Naica, Chihuahua, Mexico. Joe Budd photo.

Wulfenite and descloizite on calcite, 10.5 cm, Ahumada mine, Los Lamentos, Chihuahua, Mexico. Joe Budd photo.

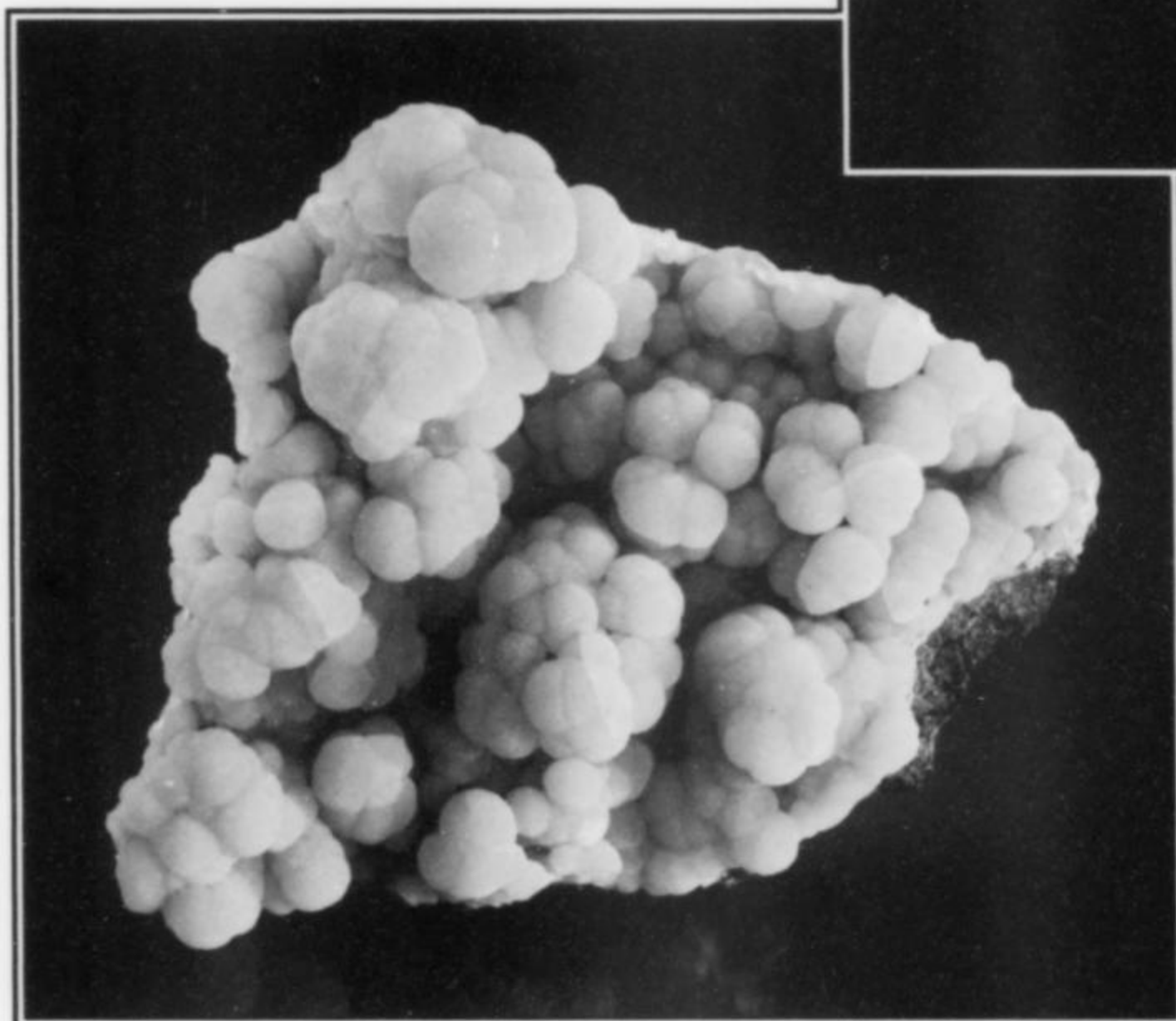
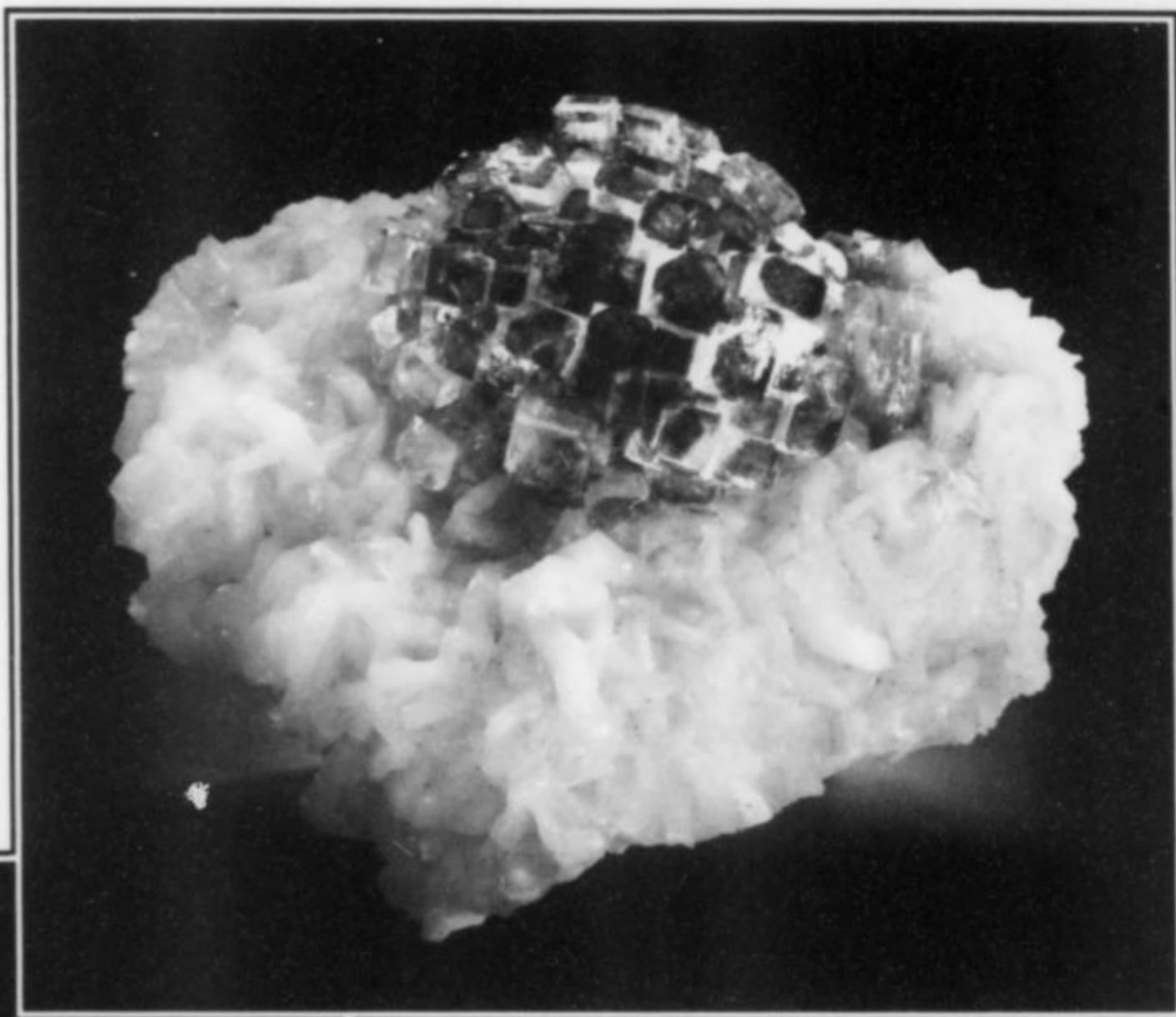


Quartz ("Herkimer diamonds") with anthraxolite inclusions, 10 cm, Ace of Diamonds mine, Herkimer County, New York. Jeff Scovil photo.



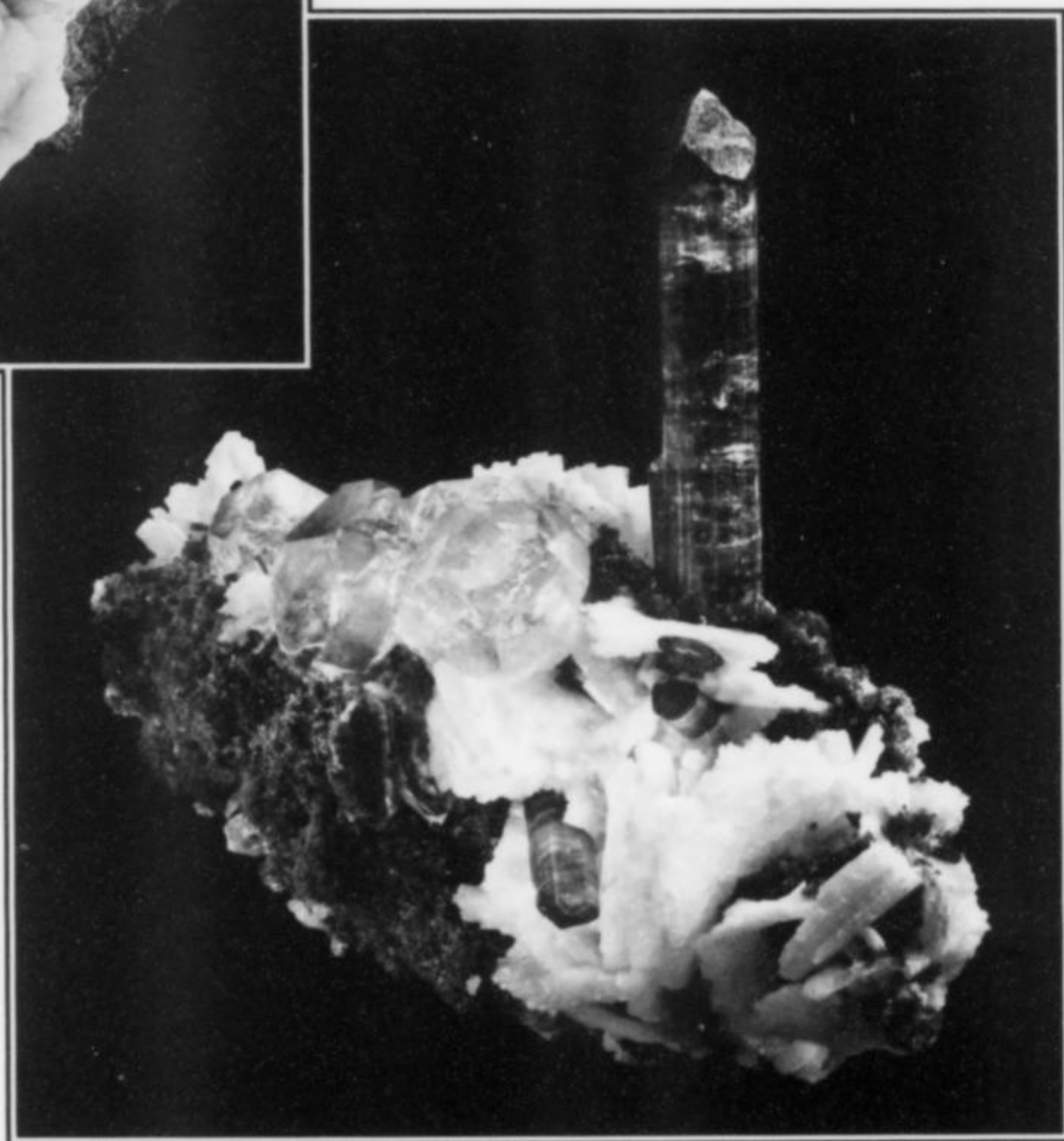
Fluorite with calcite, 17.5 cm, Minerva #1 mine,
Cave-in-Rock, Hardin County, Illinois. Joe Budd photo.

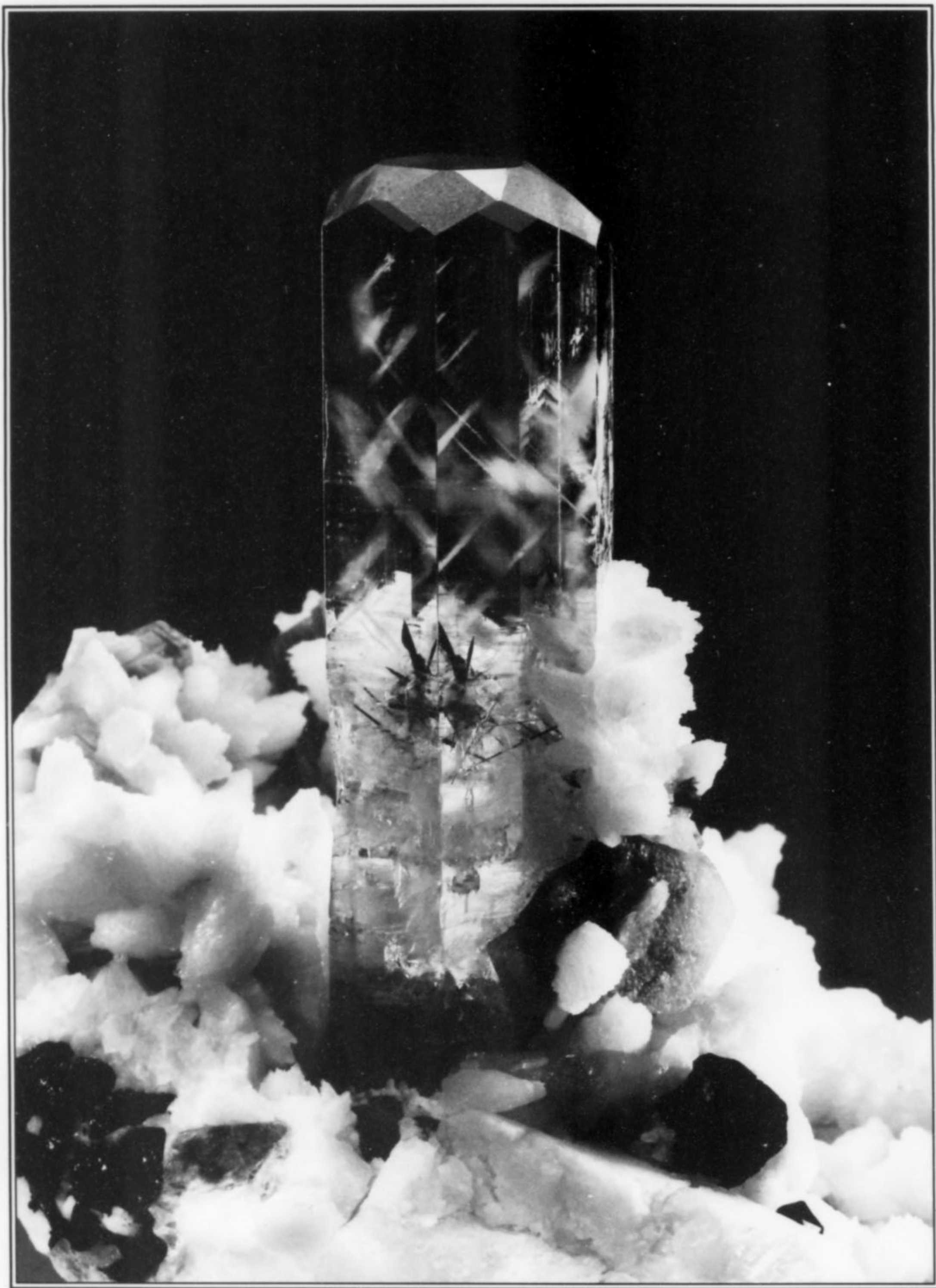
Apophyllite-(KF) on stilbite, 13 cm,
Momin Akhada, near Rahuri,
Maharashtra, India. Joe Budd photo.



Mimetite, 10 cm, Congreso-León mine,
San Pedro Corralitos, Chihuahua,
Mexico. Joe Budd photo.

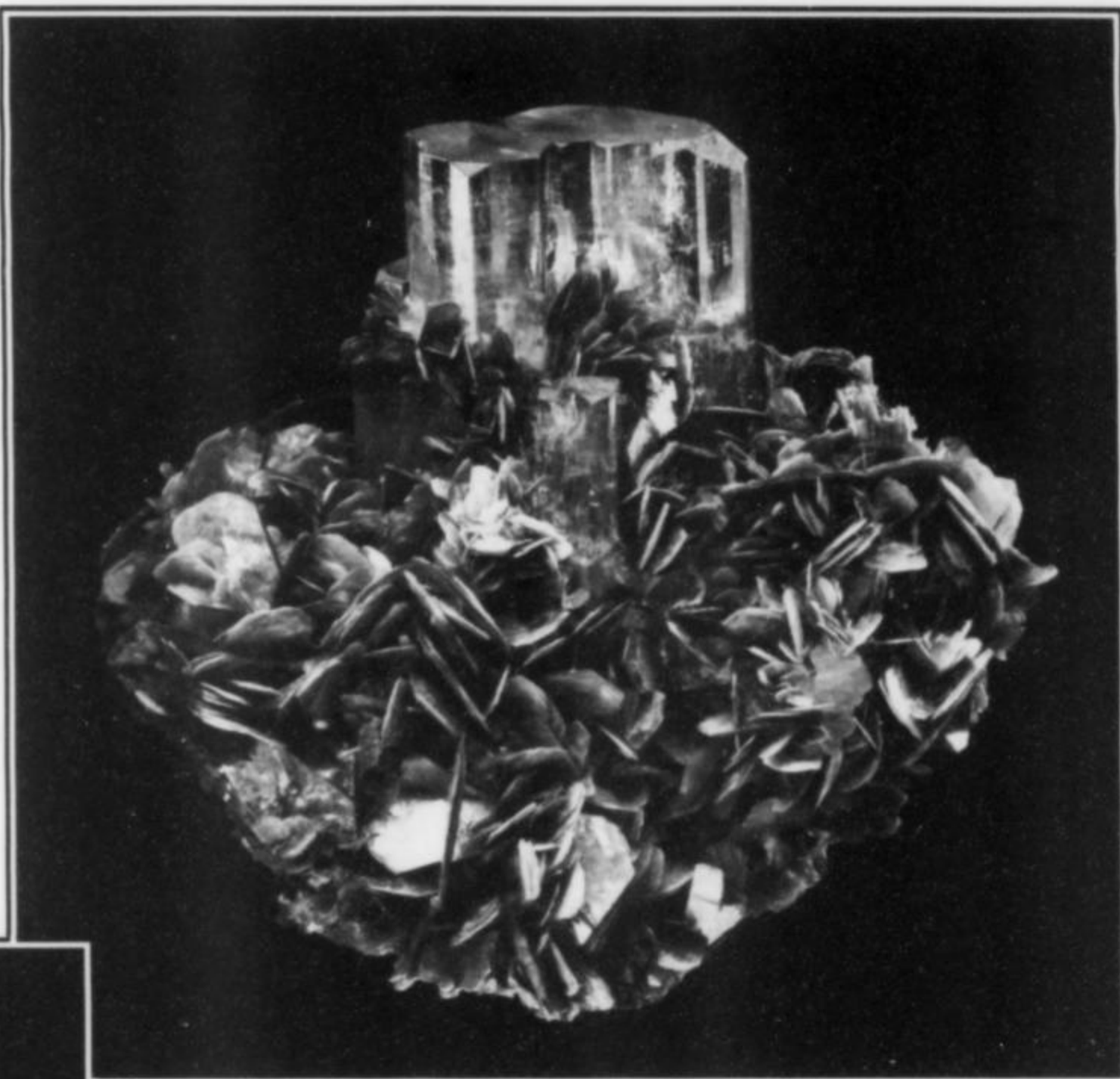
Elbaite with quartz, cleavelandite
(albite) and lepidolite, 16 cm,
Pederneira mine, São José da Safira,
Minas Gerais, Brazil. Joe Budd photo.



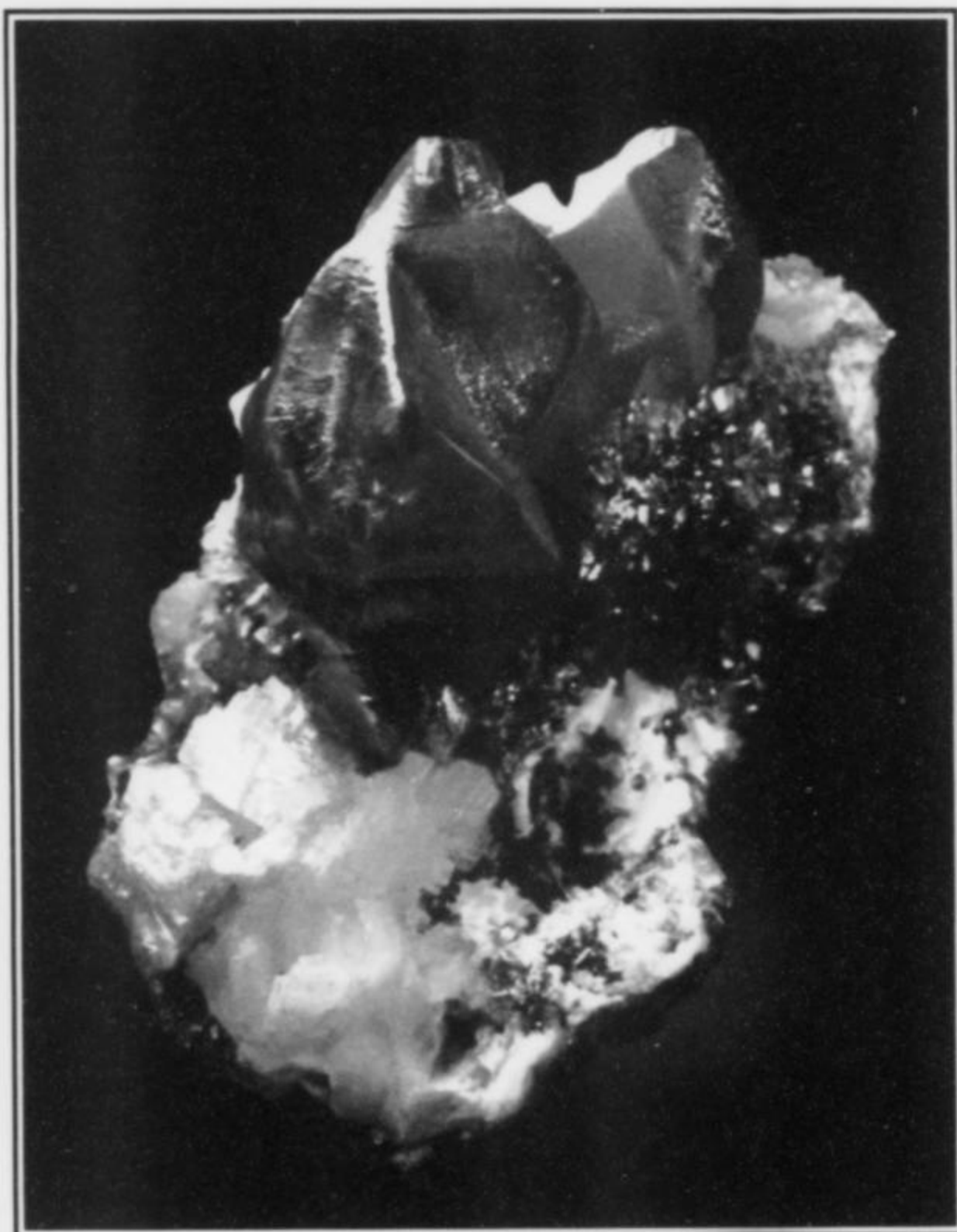


Aquamarine beryl and schorl on albite with muscovite, 10.5 cm, Braldu Valley, Skardu district, Northern Areas, Pakistan. Joe Budd photo.

Aquamarine beryl with apatite-(CaF) on muscovite, 13.5 cm, Chumar Bakhoor, Hunza Valley, Gilgit District, Northern Areas, Pakistan. Joe Budd photo.



Heliodor beryl, 11.7 cm, Volodarsk-Volynskii, Zhytomyr Oblast, Ukraine. Joe Budd photo.



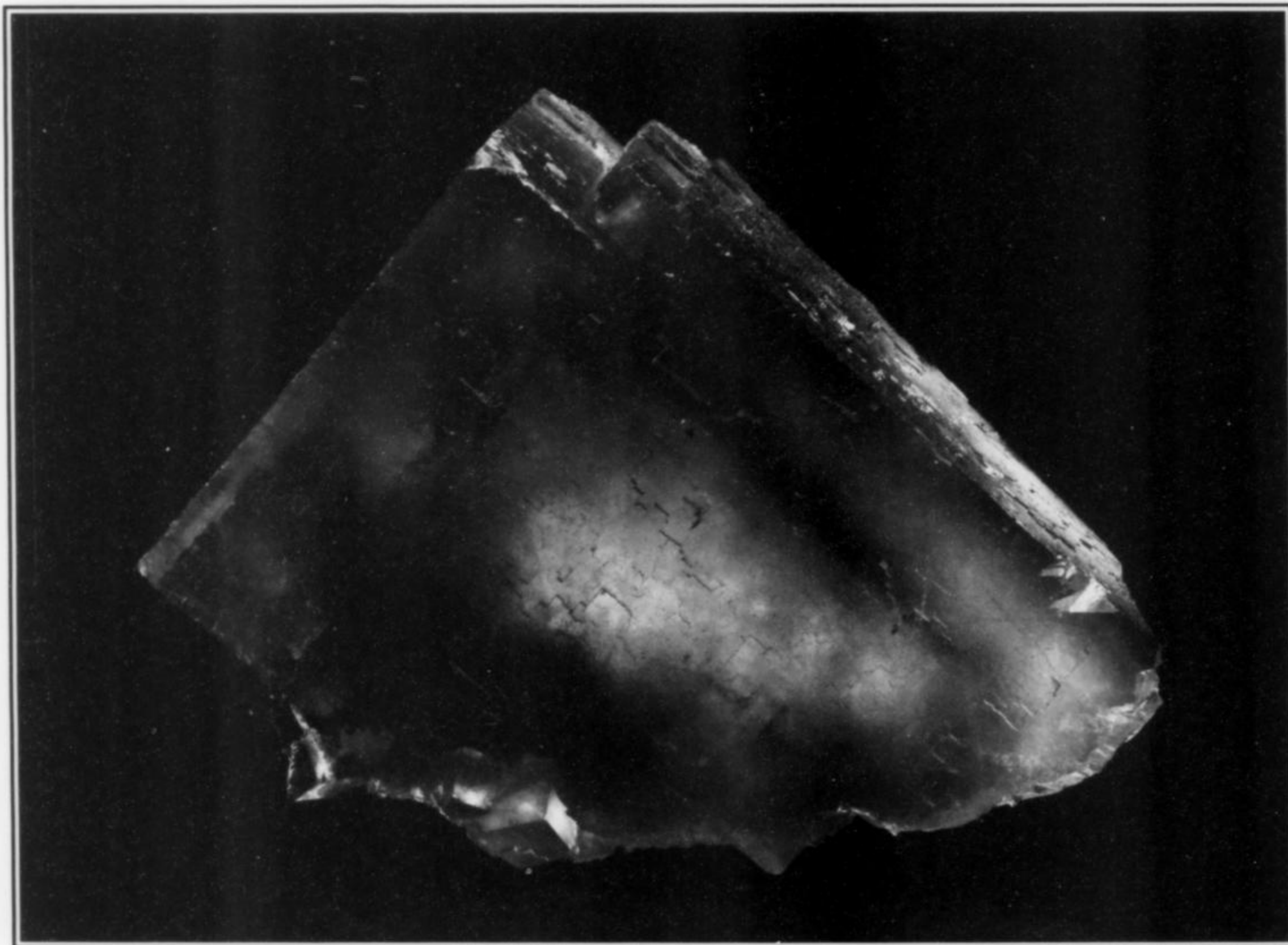
Cinnabar on dolomite, 5 cm, Tongren, Guizhou Province, China. Jeff Scovil photo.

Gus Eifler

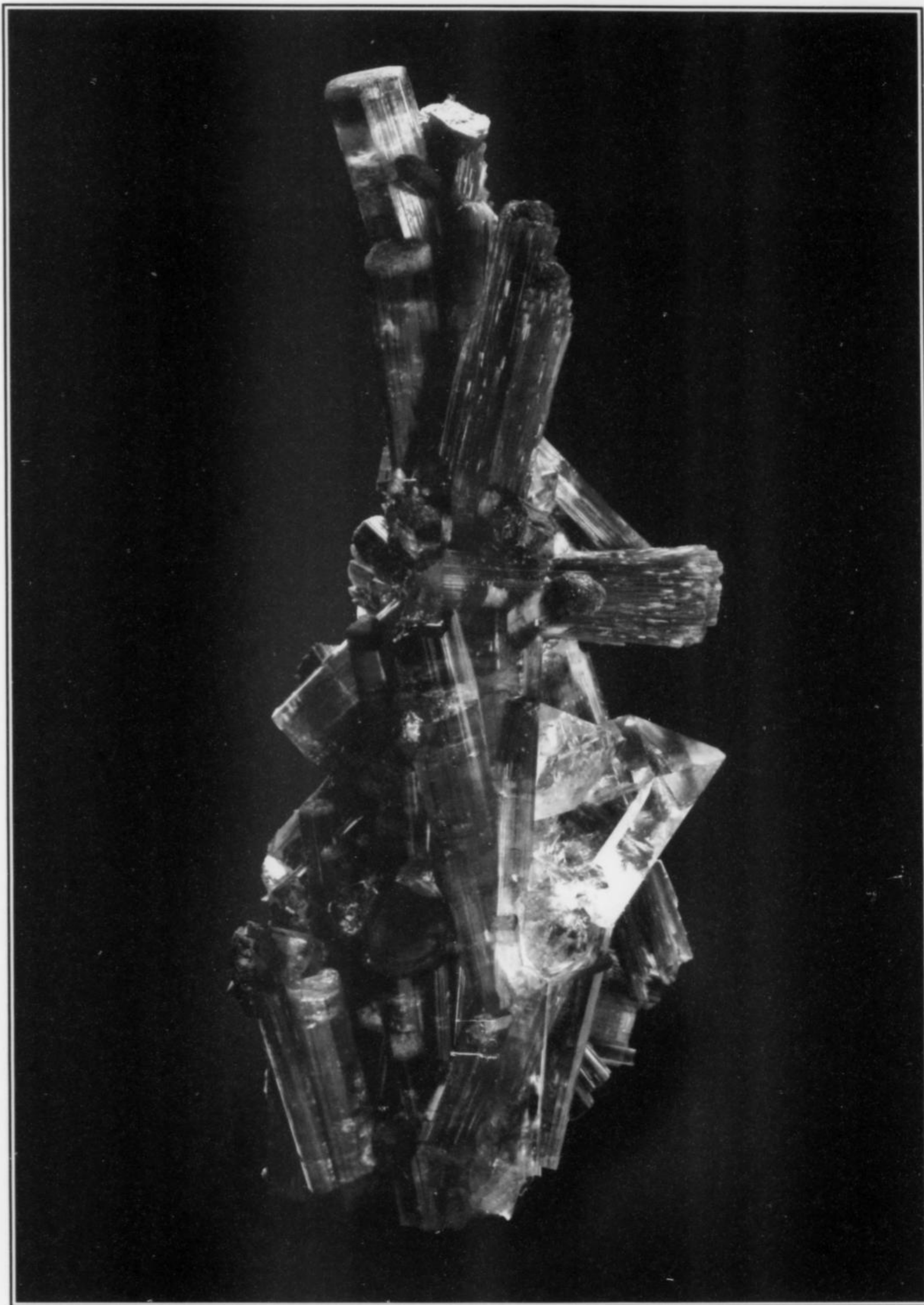


I was born and raised in Austin, Texas and received my BBA from the University of Texas in 1966. After moving to Houston and working as a CPA I joined a small oil and gas company in 1977, and I still work there today. My interest in mineral collecting began in 1999 after seeing for the first time the extraordinary mineral exhibit at the Houston Museum of Natural Science. At first I acquired only minor specimens from a local dealer and dealers on the Internet. However, after joining the Houston Area Mineral Society in 2005, I began to collect more seriously, aided by tutelage and encouragement from the group's members.

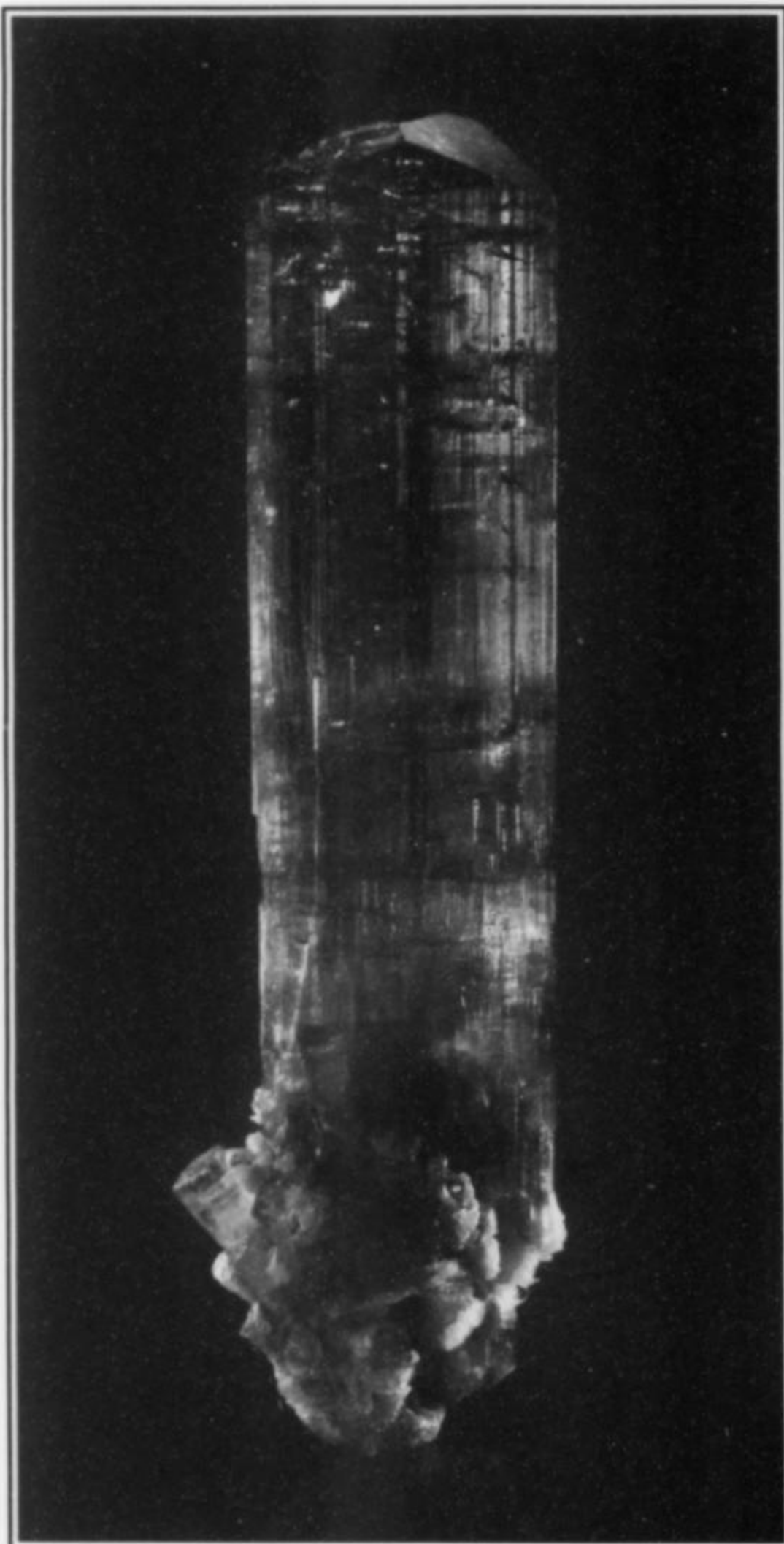
I tend to select specimens primarily for aesthetics. I don't specialize in any particular locality, but my fondness for tourmaline crystals has resulted in the acquisition of quite a few Brazilian and Afghan examples. Although I do own a few miniatures, the majority of my specimens are cabinet-size, plus a few large decorator pieces displayed in my office. As a relative newcomer to the hobby, I have discovered a fascinating world of beautiful minerals and interesting people.



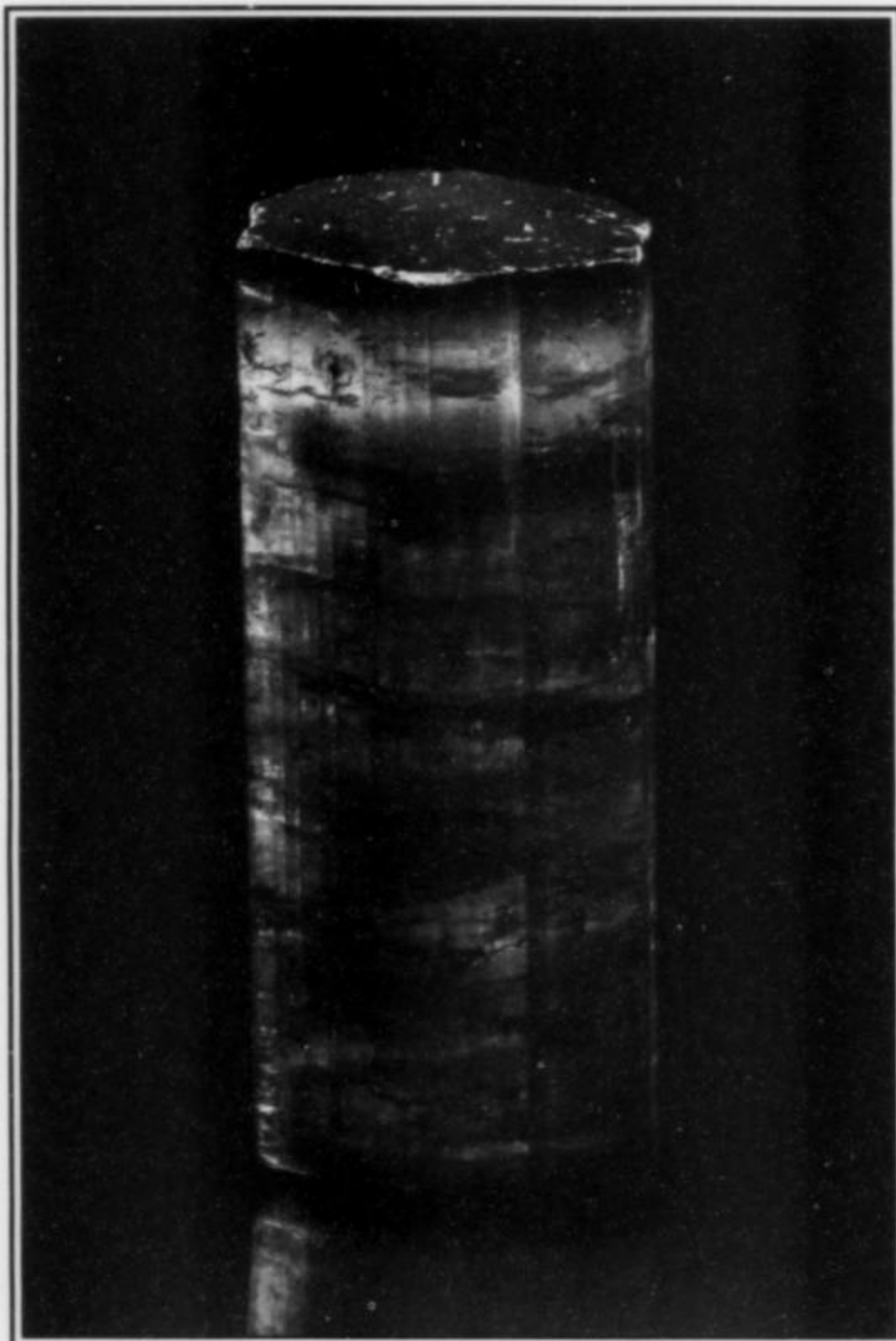
Fluorite, 14.5 cm, Minerva #1 mine, Cave-in-Rock, Hardin County, Illinois. Joe Budd photo.



Elbaite with quartz, 14.5 cm, Cruzeiro mine,
Minas Gerais, Brazil. Joe Budd photo.

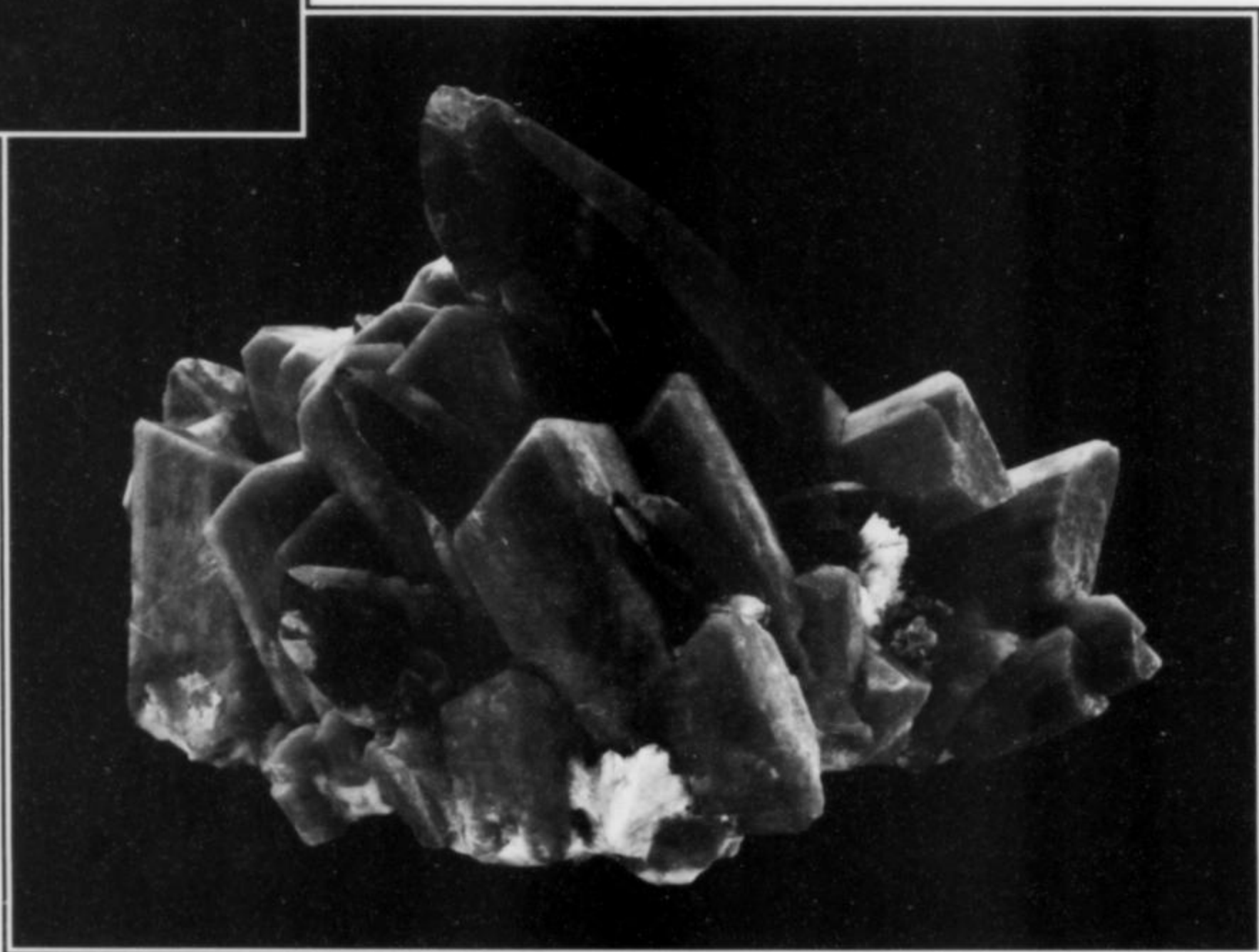


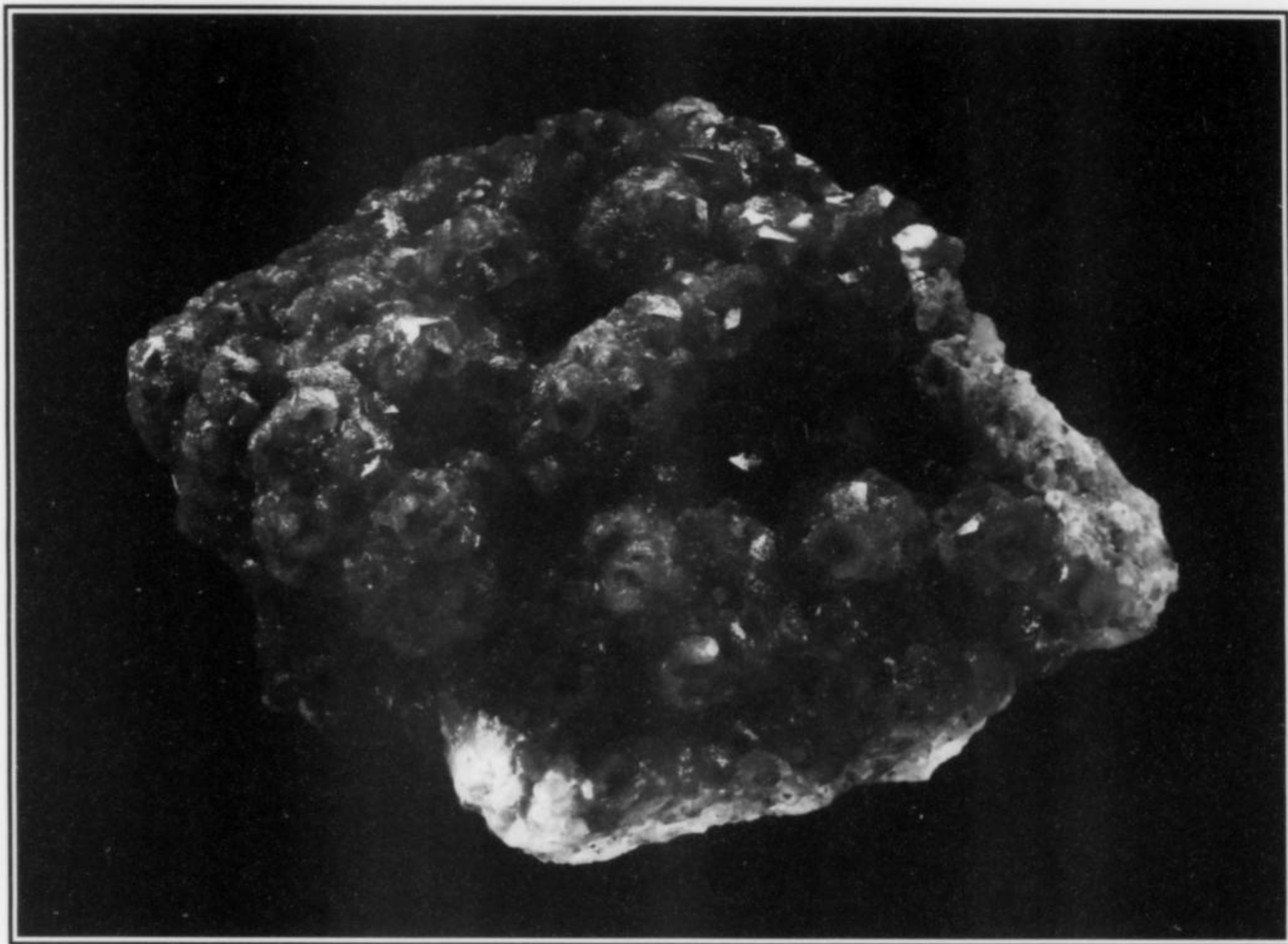
Elbaite, 12.5 cm, Darra-i-Pech, Nangarhar Province, Afghanistan. Joe Budd photo.



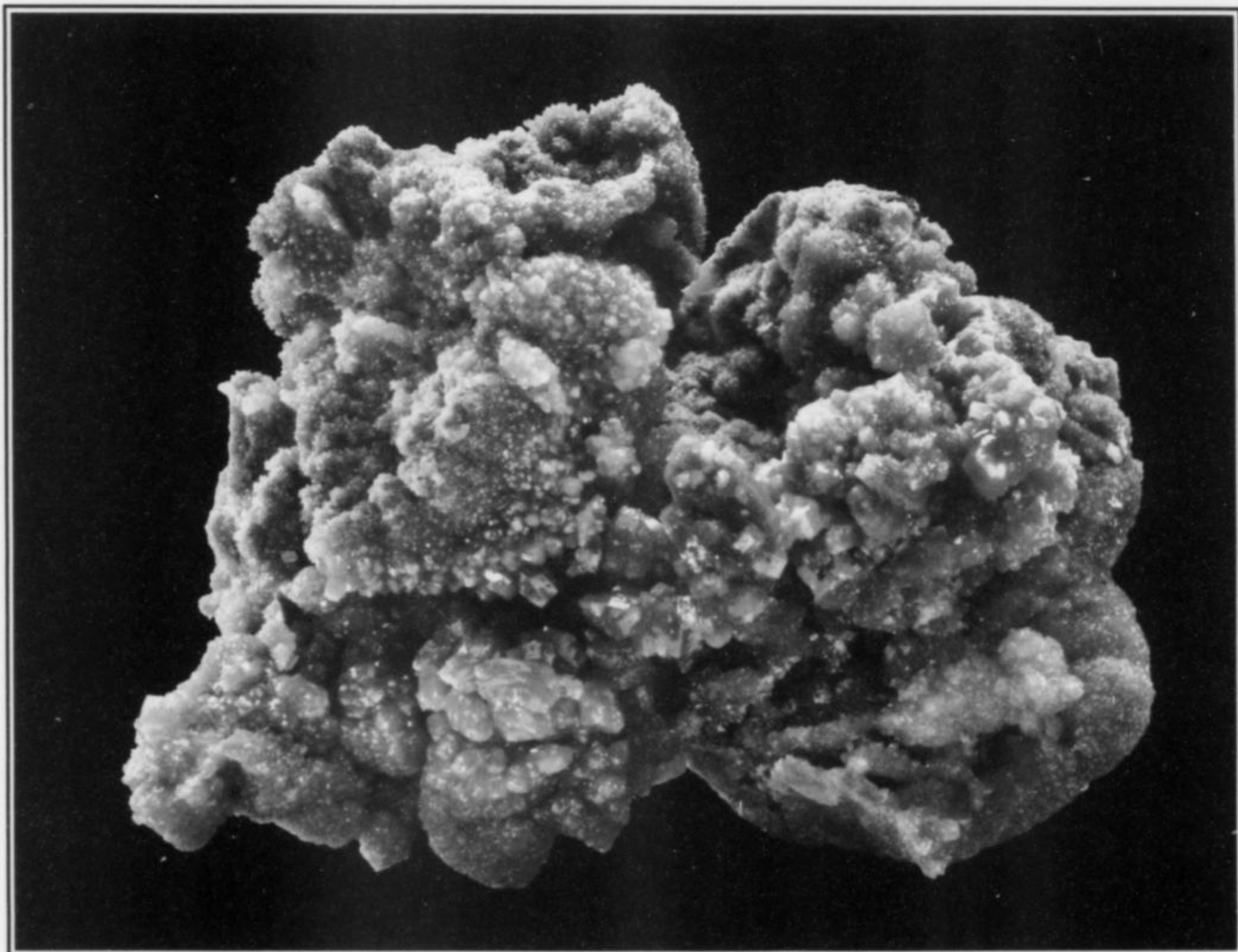
Elbaite, 4.5 cm, Sapo mine, Goiabeira, Minas Gerais, Brazil. Joe Budd photo.

Amazonite (microcline) with smoky quartz, 18 cm, Old Glory pocket, Smoky Hawk mine, Teller County, Colorado. Joe Budd photo.



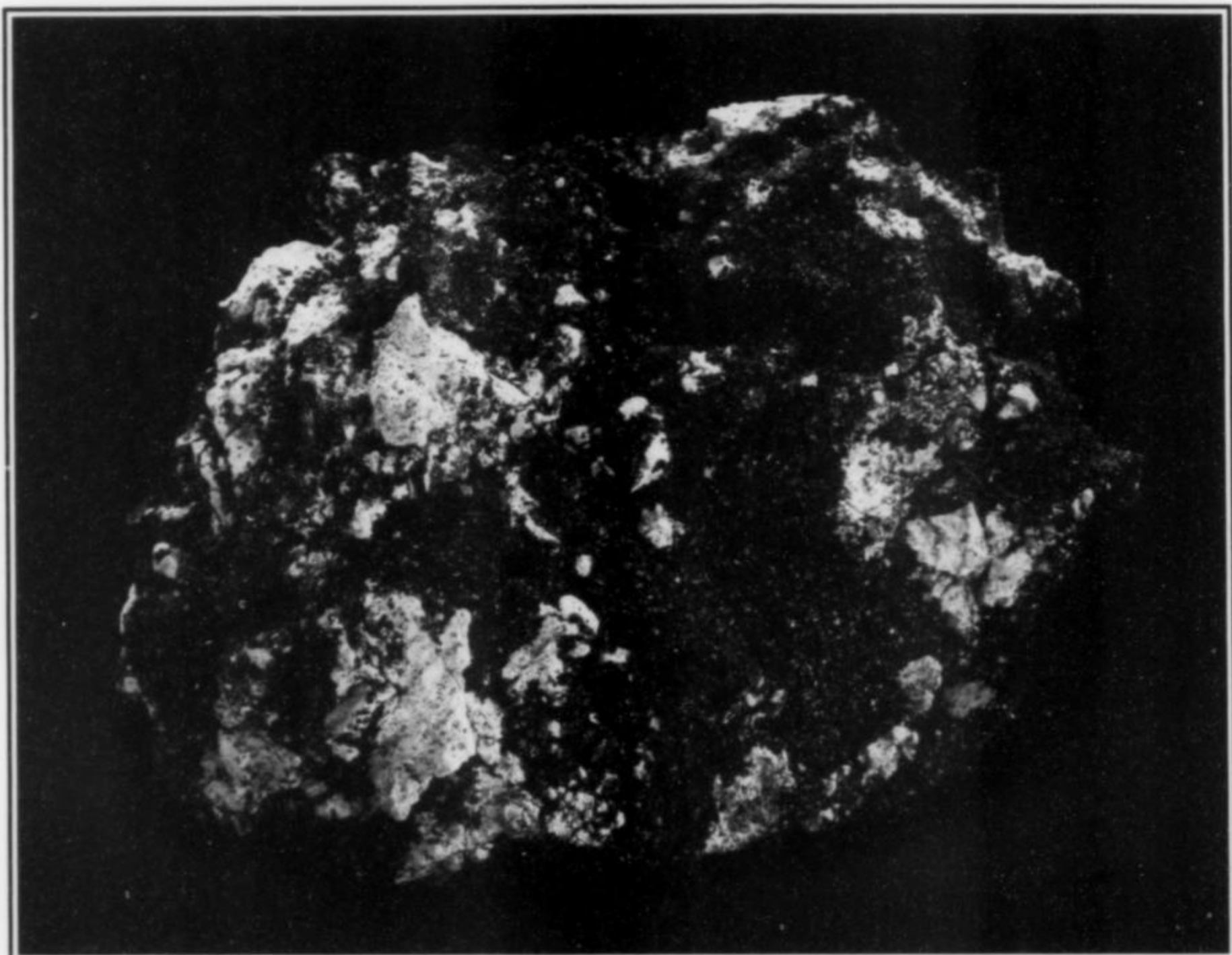


Calcite (cobalt-rich), 11 cm, Bou Azzer, Morocco. Joe Budd photo.

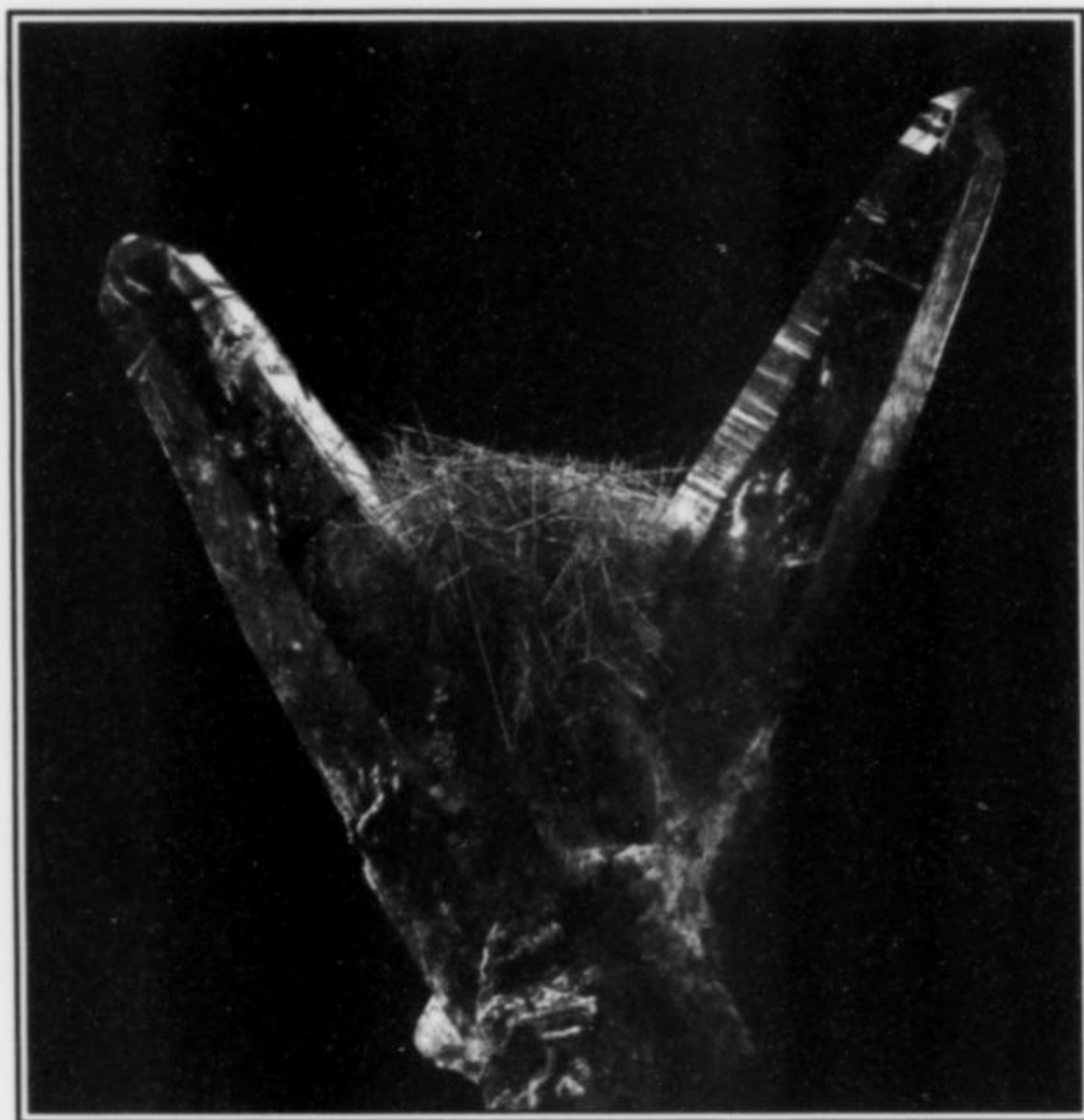


Pyromorphite, 13 cm, Bunker Hill mine, Kellogg, Idaho. Joe Budd photo.

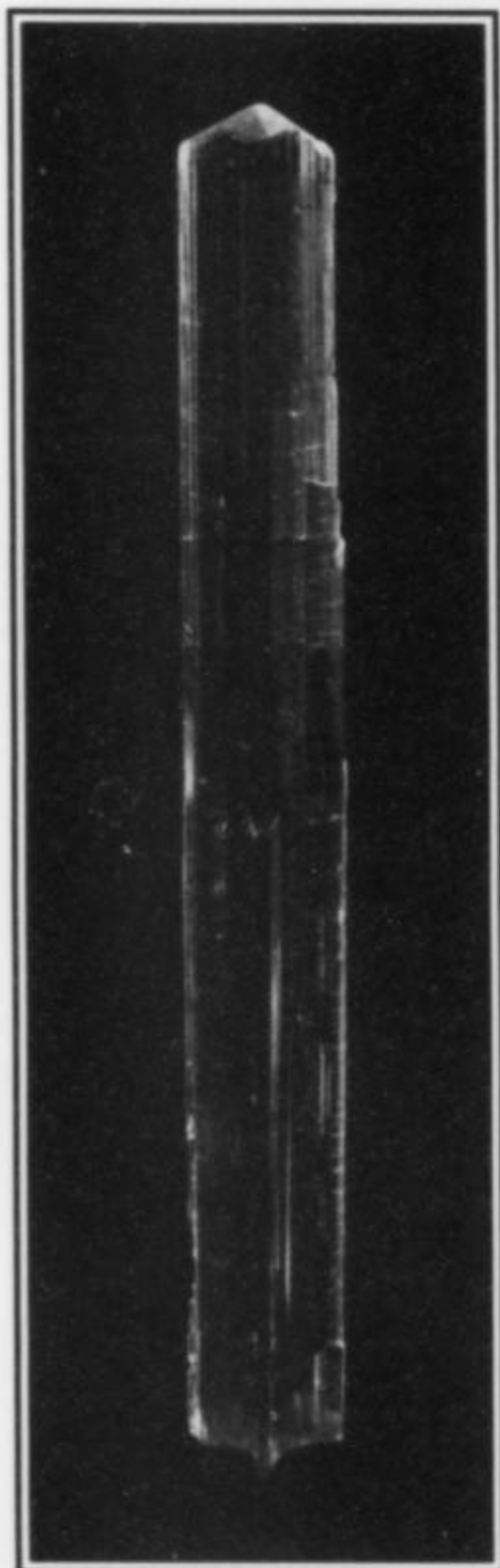
Azurite with
arsentsumbite, 15 cm,
Tsumeb mine, Tsumeb,
Namibia. Joe Budd photo.



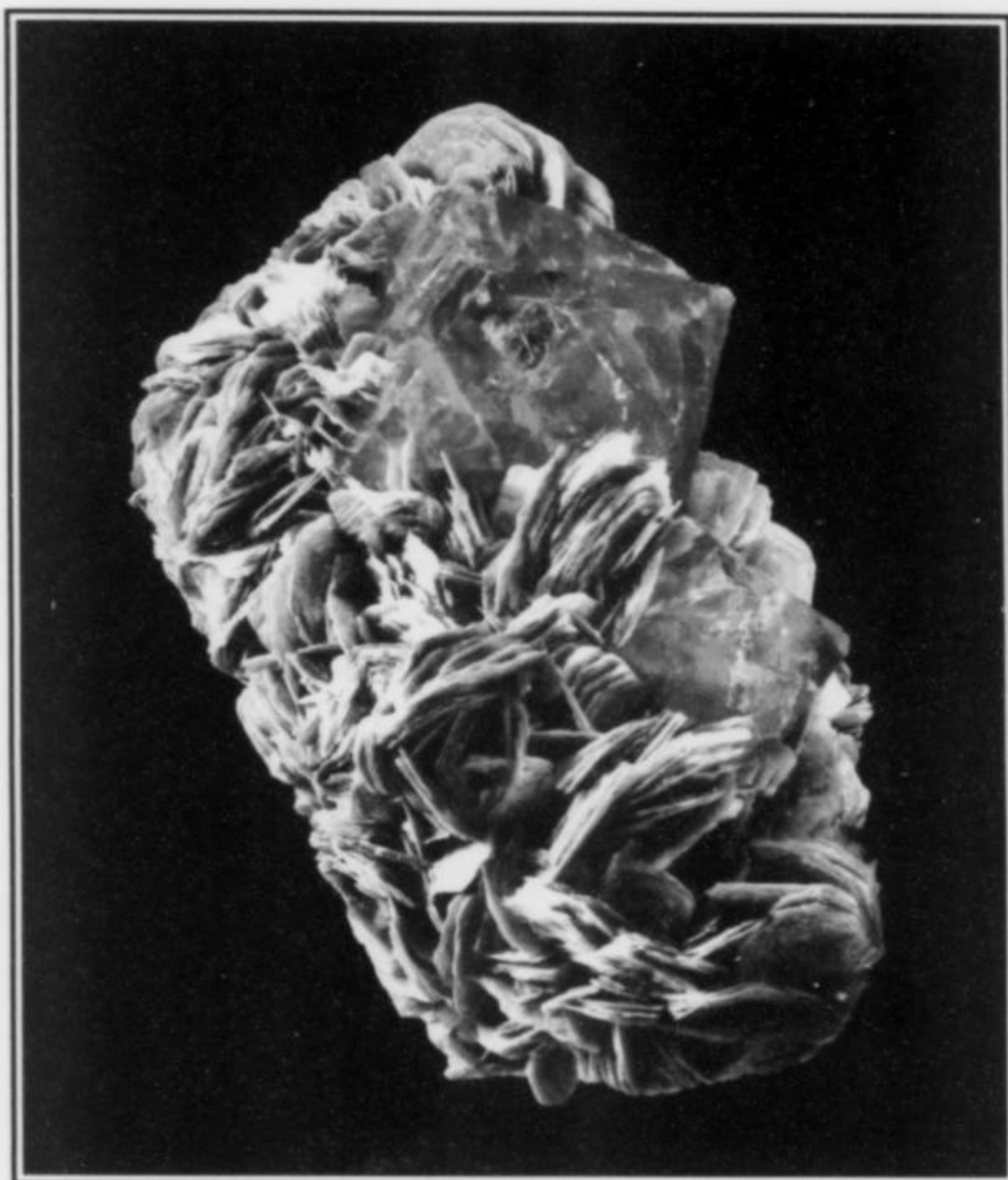
Elbaite with cleavelandite
(albite), 15 cm, Pederneira
mine, São José da Safira,
Minas Gerais, Brazil. Jeff
Scovil photo.



Quartz with actinolite, 10 cm, Alchuri,
Shigar Valley, Skardu district, Northern Areas,
Pakistan. Joe Budd photo.



Elbaite, 13 cm, Minas Gerais, Brazil. Joe Budd photo.



Scheelite with muscovite, 12 cm, Mt. Xuebaoding, Pingwu County, Sichuan, China. Joe Budd photo.

Calcite, 24 cm, Elmwood mine, Carthage, Smith County, Tennessee. Joe Budd photo.



Sandra B. Gee



I am a native Houstonian, born to parents who emigrated to the US from China in the 1950s. In my late childhood and early teen years, I was very interested in nature and the beauty of minerals. Through the faculty sponsor for the lapidary club in junior high school I learned to appreciate and work with minerals and to make jewelry.

My desire to apply science practically in daily life led me to become a physician specializing in psychiatry. What reintroduced me to my interest in minerals was an appeal from the science teacher at my daughter's school for ceramic tiles that could be used for streak testing. I donated some tiles and also assembled some Mohs hardness kits for the students; at that point my interest in minerals reignited.

I've used abstract philosophical ideas to keep my various endeavors in balance and guide the development of my four sub-collections: (1) native elements, (2) malachite, (3) roadside finds, and (4) specimens that evoke a combination of enchantment and wonder that is tempered by what I understand of the science of mineralogy. Almost all of my specimens (mostly miniatures) have been acquired via the Internet. Through HAMS, I've learned much about what to look for in a specimen. In summary, beauty and aesthetics combined with the way a specimen reminds me of the values important to me directs my hobby of mineral collecting.

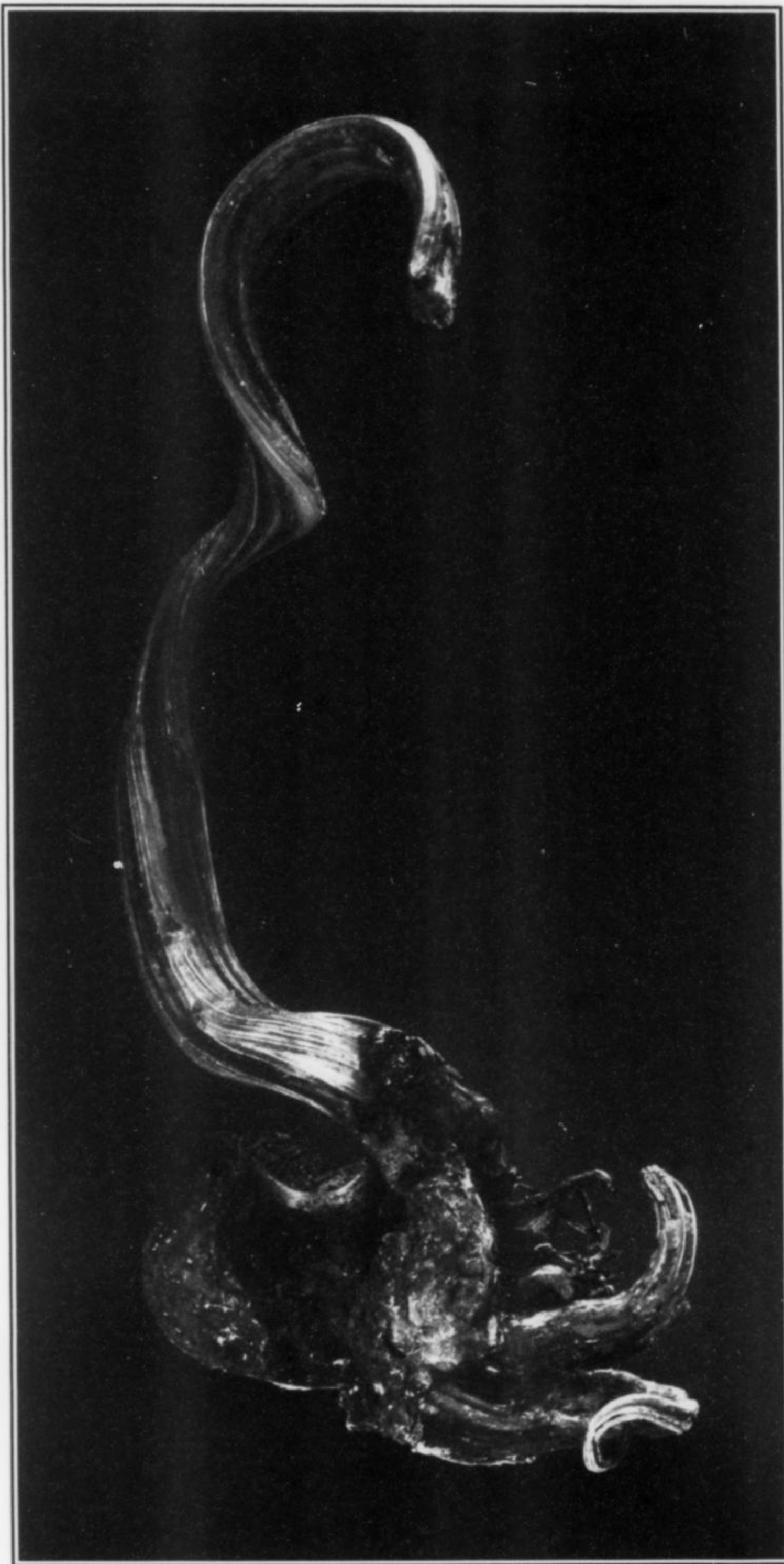


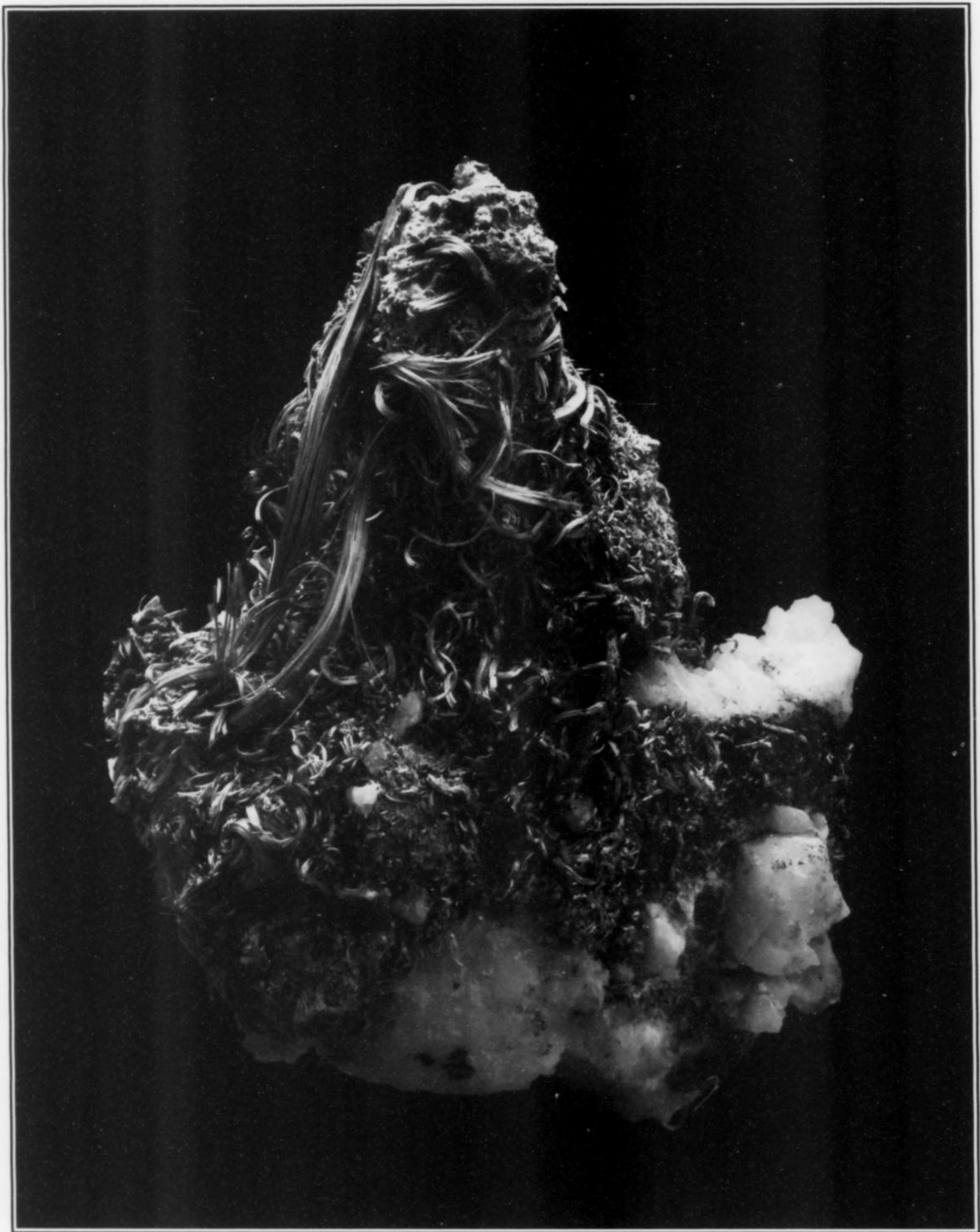
Fluorite, 6.2 cm, Minerva #1 mine, Cave-in-Rock, Illinois. Ex Martin Zinn collection. Joe Budd photo.



Copper (spinel-law twin), 6.3 cm,
Chino mine, near Santa Rita, Grant
County, New Mexico. Joe Budd
photo.

Wire silver, 6.4 cm, Himmelsfürst
mine, Erbsdorf near Freiberg,
Upper Saxony, Germany. Joe
Budd photo.



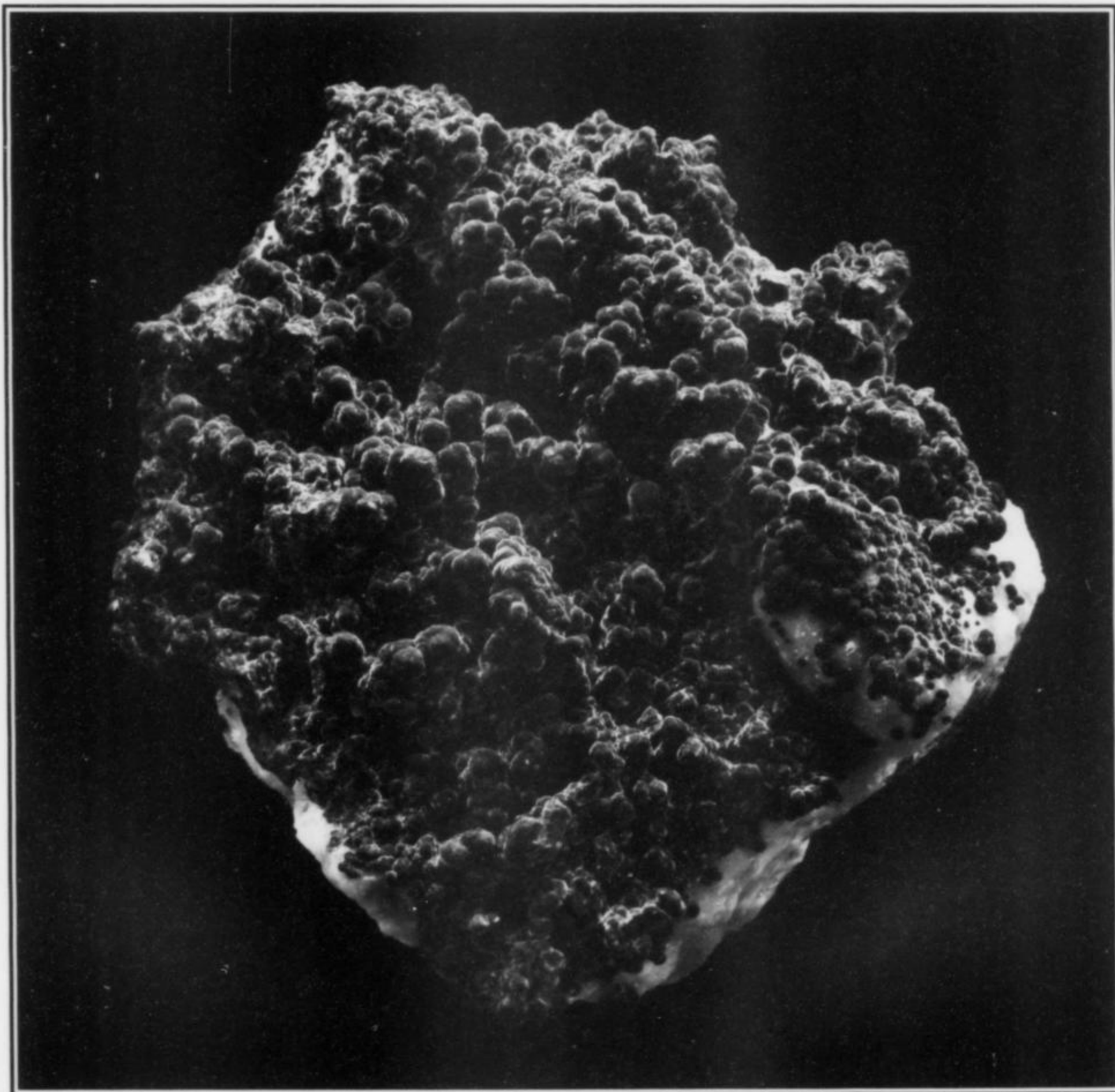


Malachite (zinc-rich), 2.5 cm, Schwaz-Brixlegg region, Tyrol, Austria. Joe Budd photo.

Gypsum, 4.9 cm, Red River
Floodway, Winnipeg, Manitoba,
Canada. Joe Budd photo.



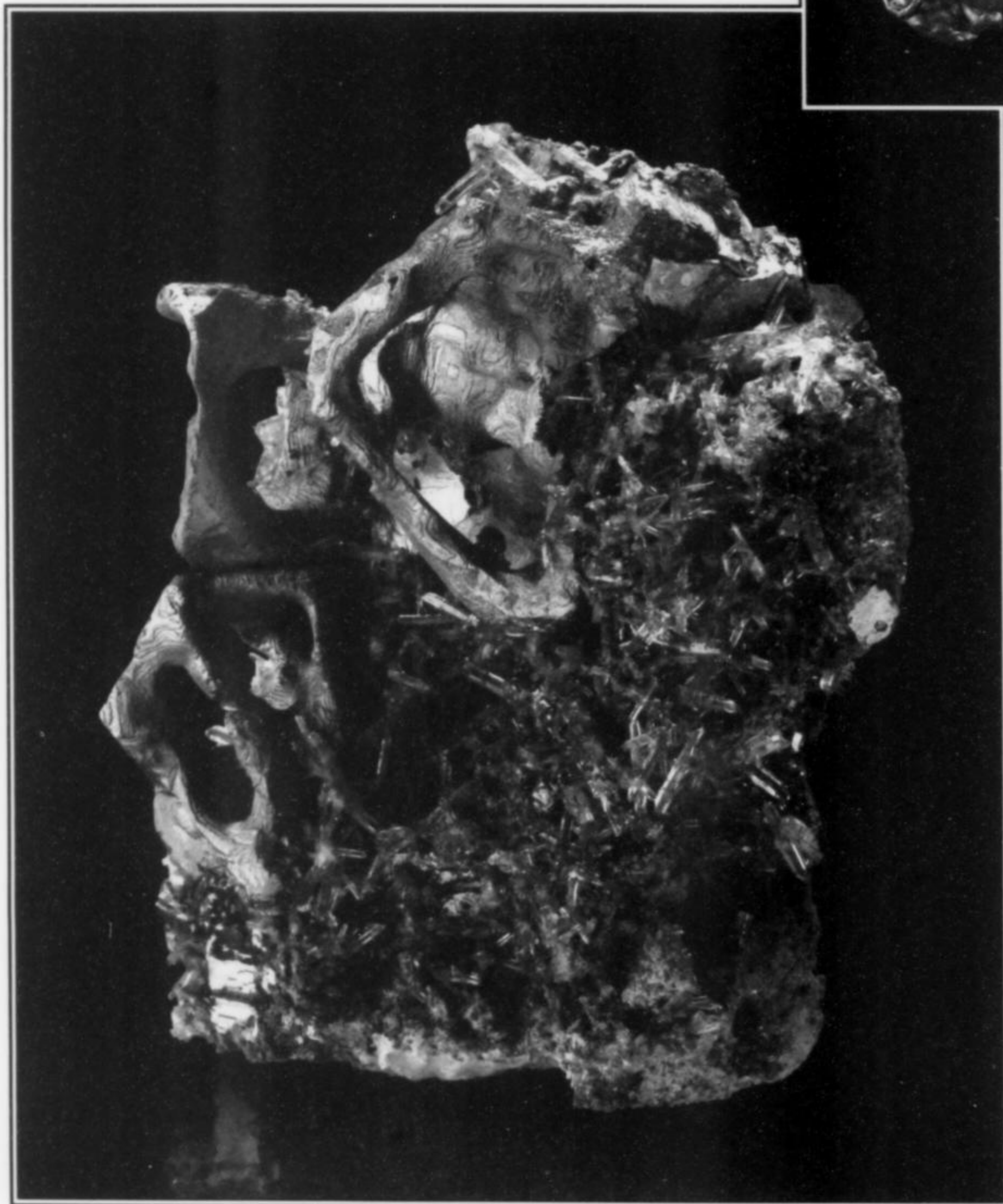
Malachite, 6.6 cm, Tsumeb mine,
Tsumeb, Namibia. Joe Budd photo.

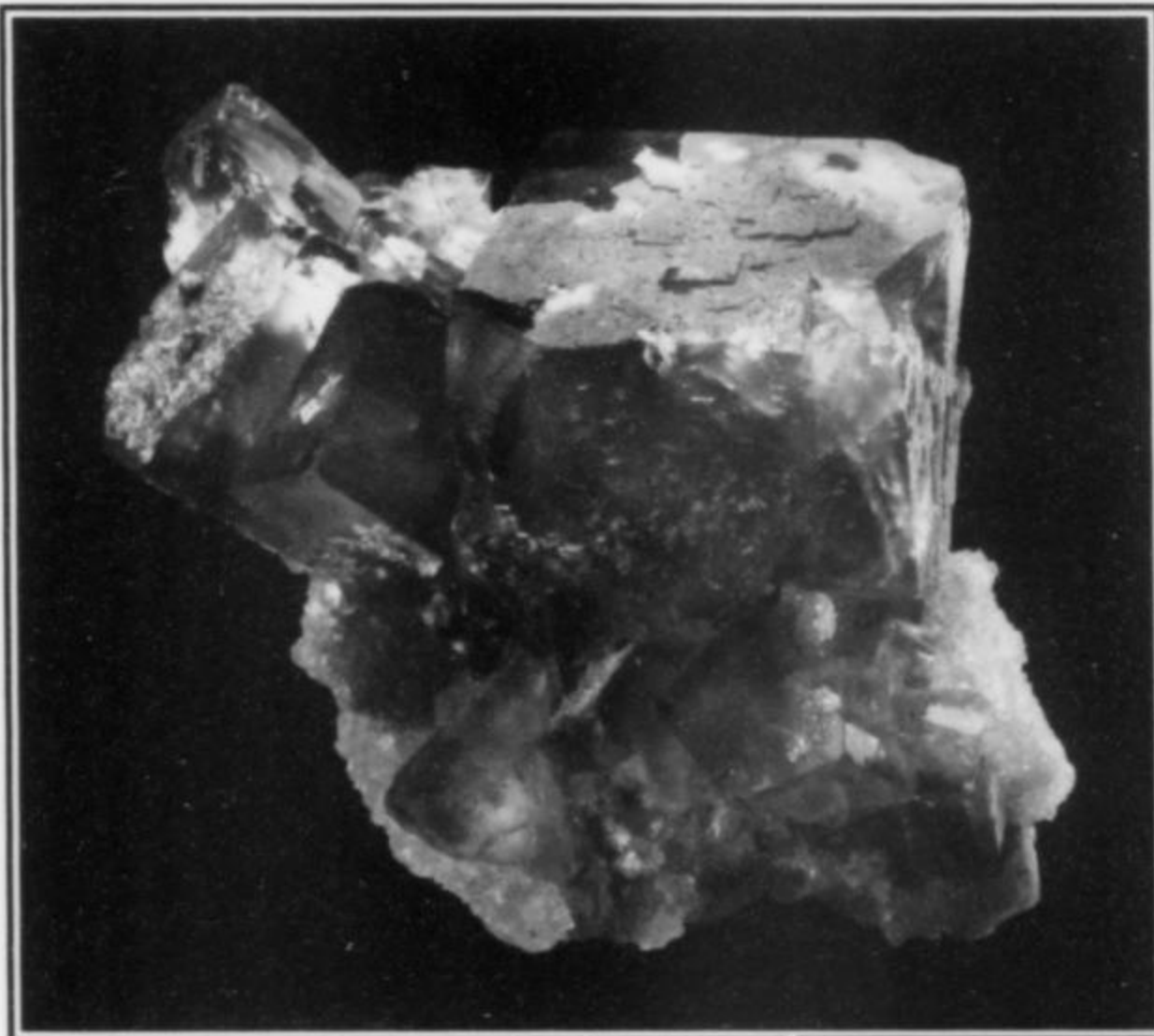


Gold, 2.3 cm, Majuba placers, Antelope district, Pershing County, Nevada. Originally collected by Charles Graff, first owner of the placer. Joe Budd photo.



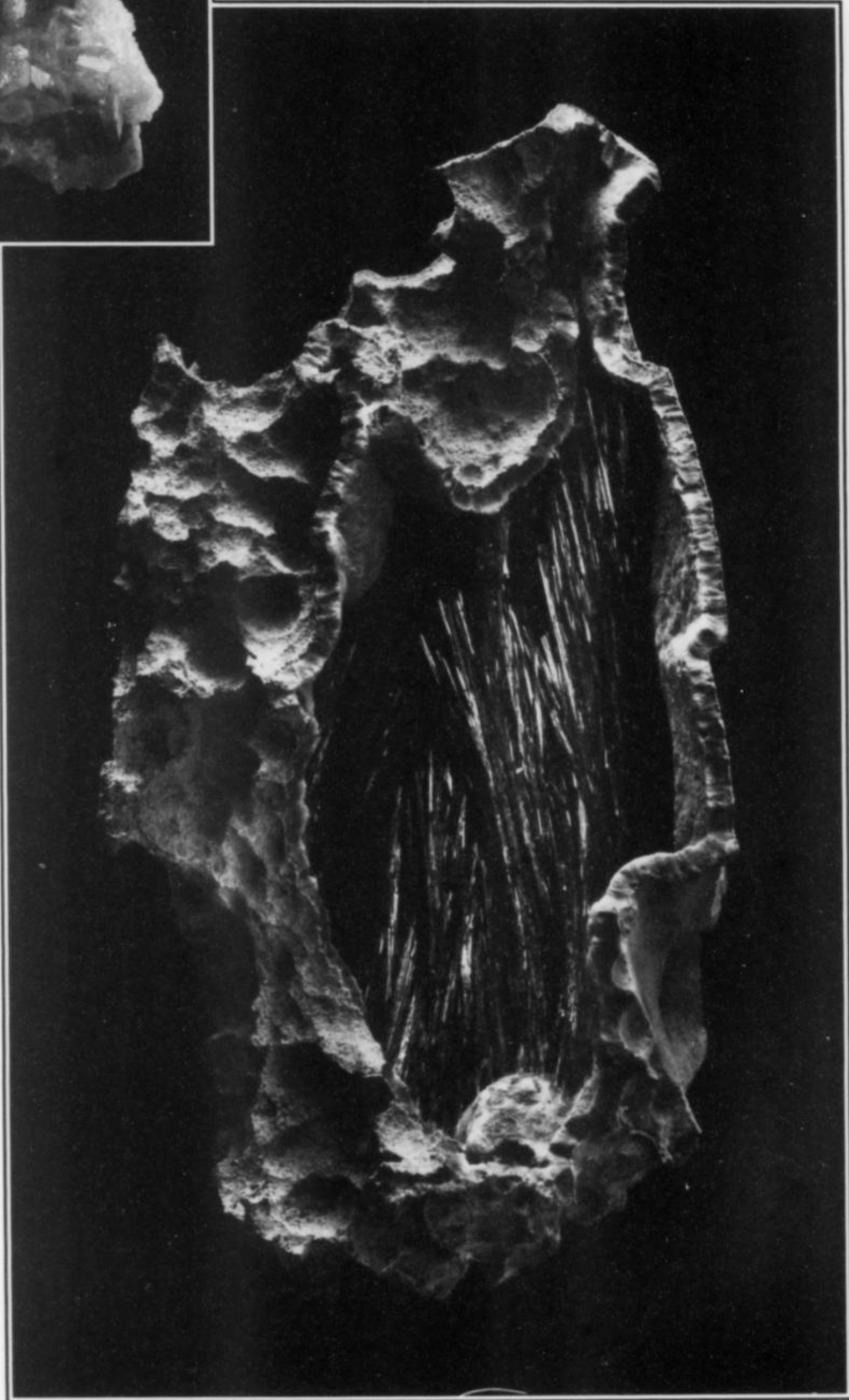
Galena (cavernous), 5.3 cm, 9th of September mine, Rhodope Mountains, Madan, Bulgaria. Joe Budd photo.





Fluorite, 8.5 cm, Freiberg, Upper Saxony, Germany. Ex Robert Ferguson (1769–1840) collection. Joe Budd photo.

Malachite in shattuckite vug,
5.2 cm, Kandesei, Kunene
district, Kaokoveld, Namibia.
Joe Budd photo.

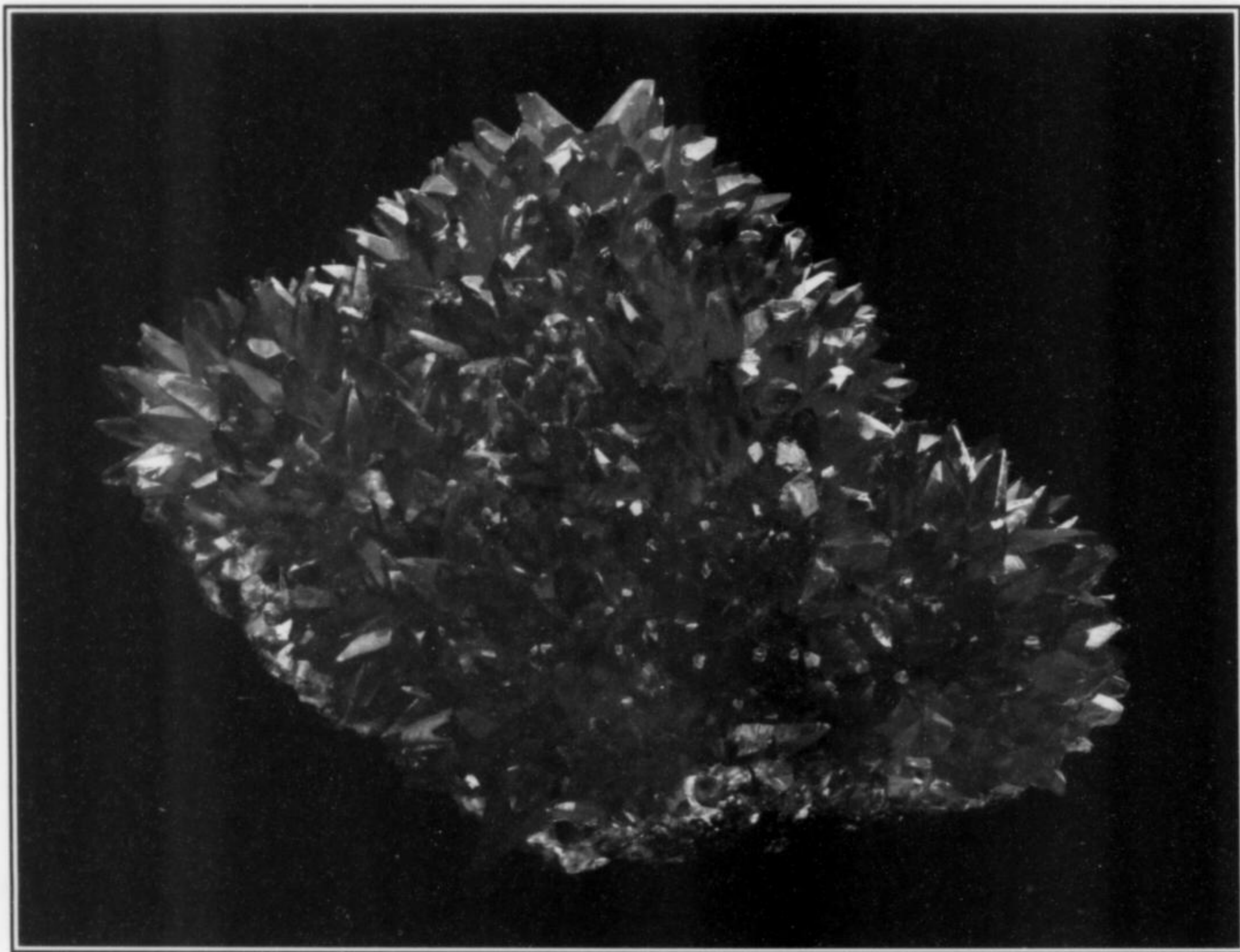


Jim Gibbs

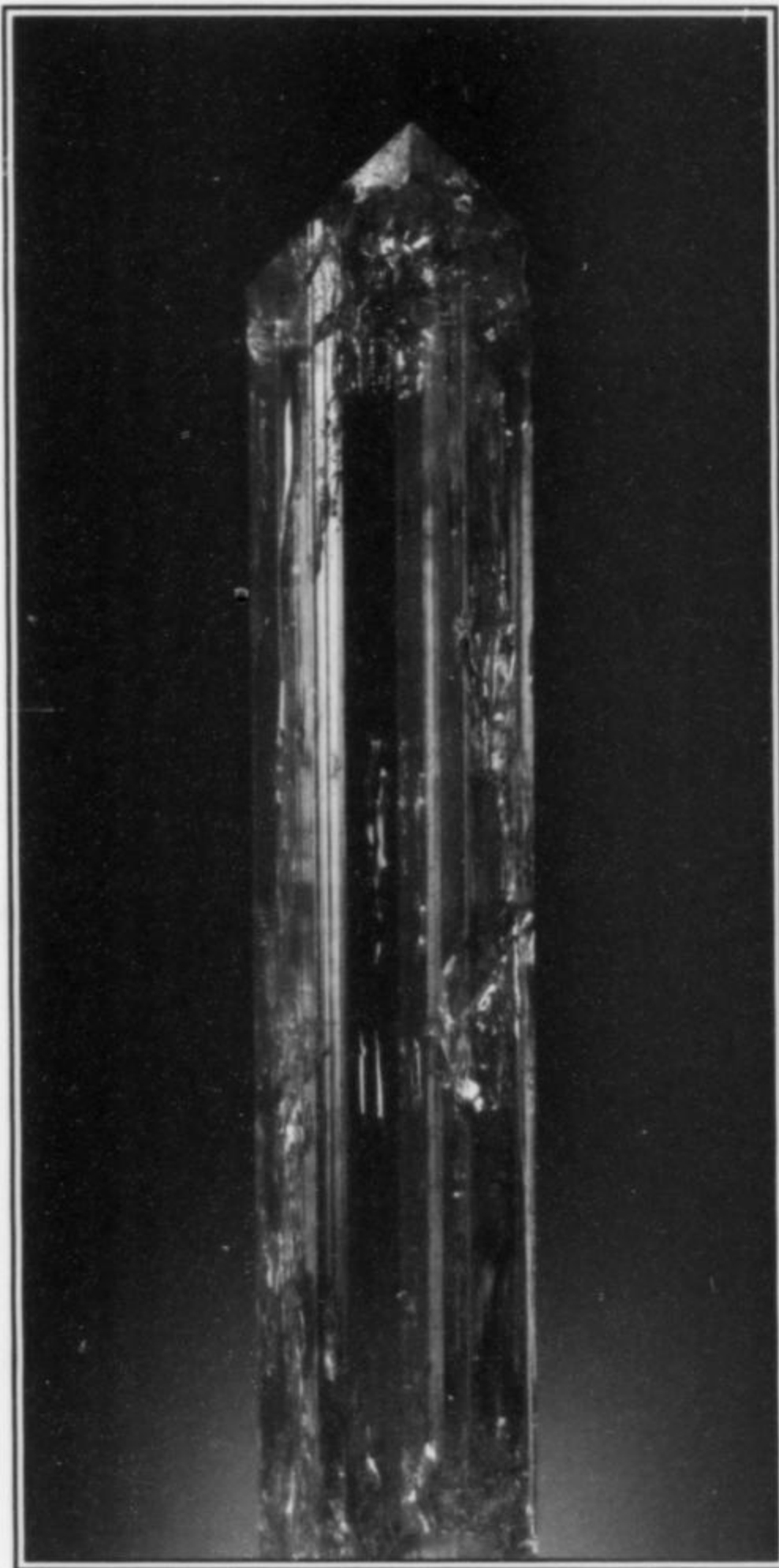


I'm a petroleum geologist, with degrees from the University of Oklahoma. Like many children, I became fascinated with minerals at an early age and started a small collection, which has grown in size and scope through the years. Since then I've maintained an interest in both the science and the hobby of mineralogy. My collection consists primarily of cabinet specimens emphasizing form, aesthetics and color. I continue to upgrade the quality of my specimens and to add to my collection via field-collecting and through purchases from dealers and friends.

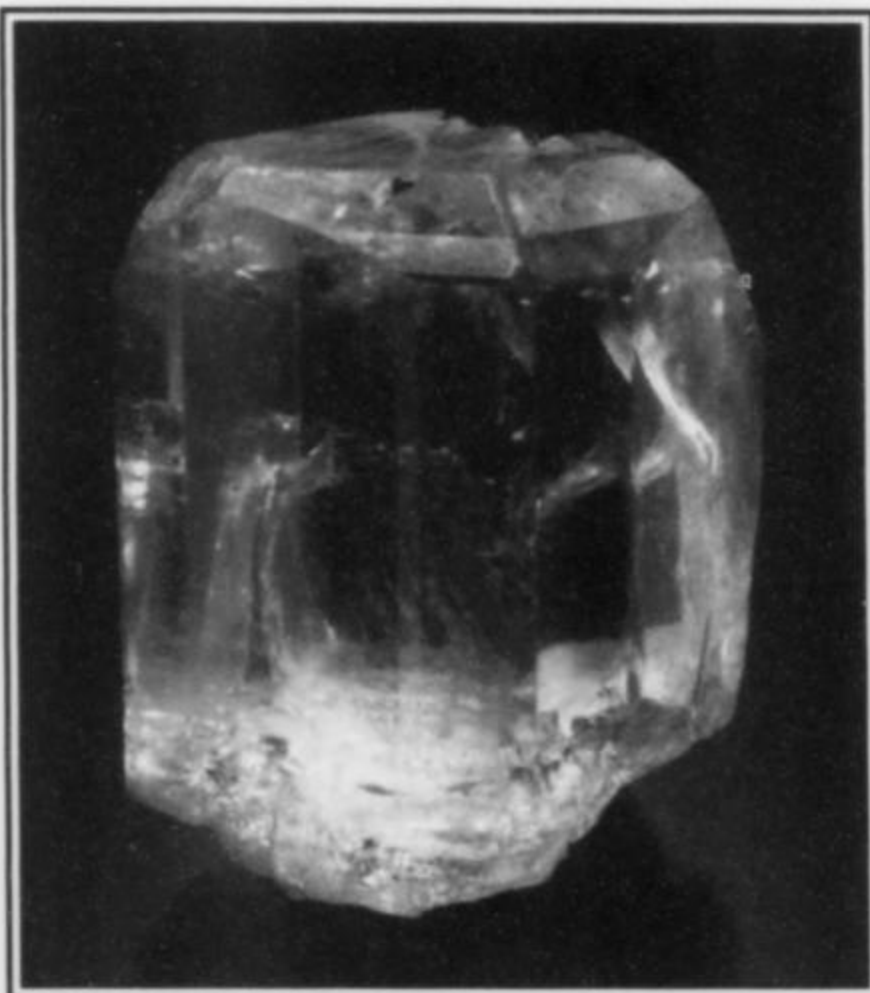
A primary pleasure of mine has been helping to expose children, college students, and the general public to minerals and to geology. To that end I've contributed a large number of specimens to universities and museums, and I often provide minerals from my own collection for public display. Currently, several other MAD members and I are involved in helping to design and develop a gallery of fine minerals for the new Dallas Museum of Nature and Science, construction of which is anticipated to commence in the near future.



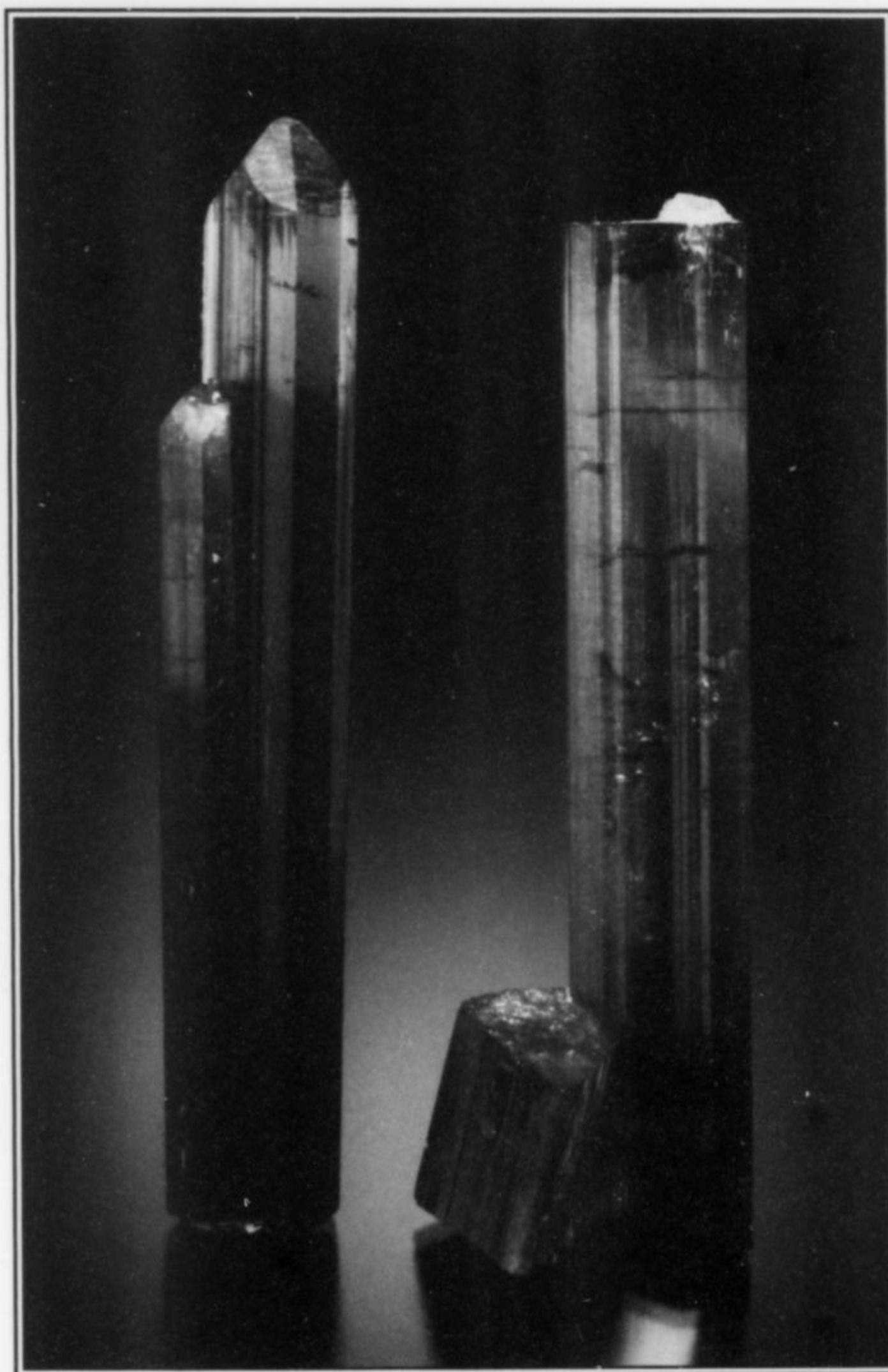
Rhodochrosite, 14 cm, N'Chwaning mine, Kalahari Manganese Field, South Africa. Ex Perkins Sams collection. Jeff Scovil photo.



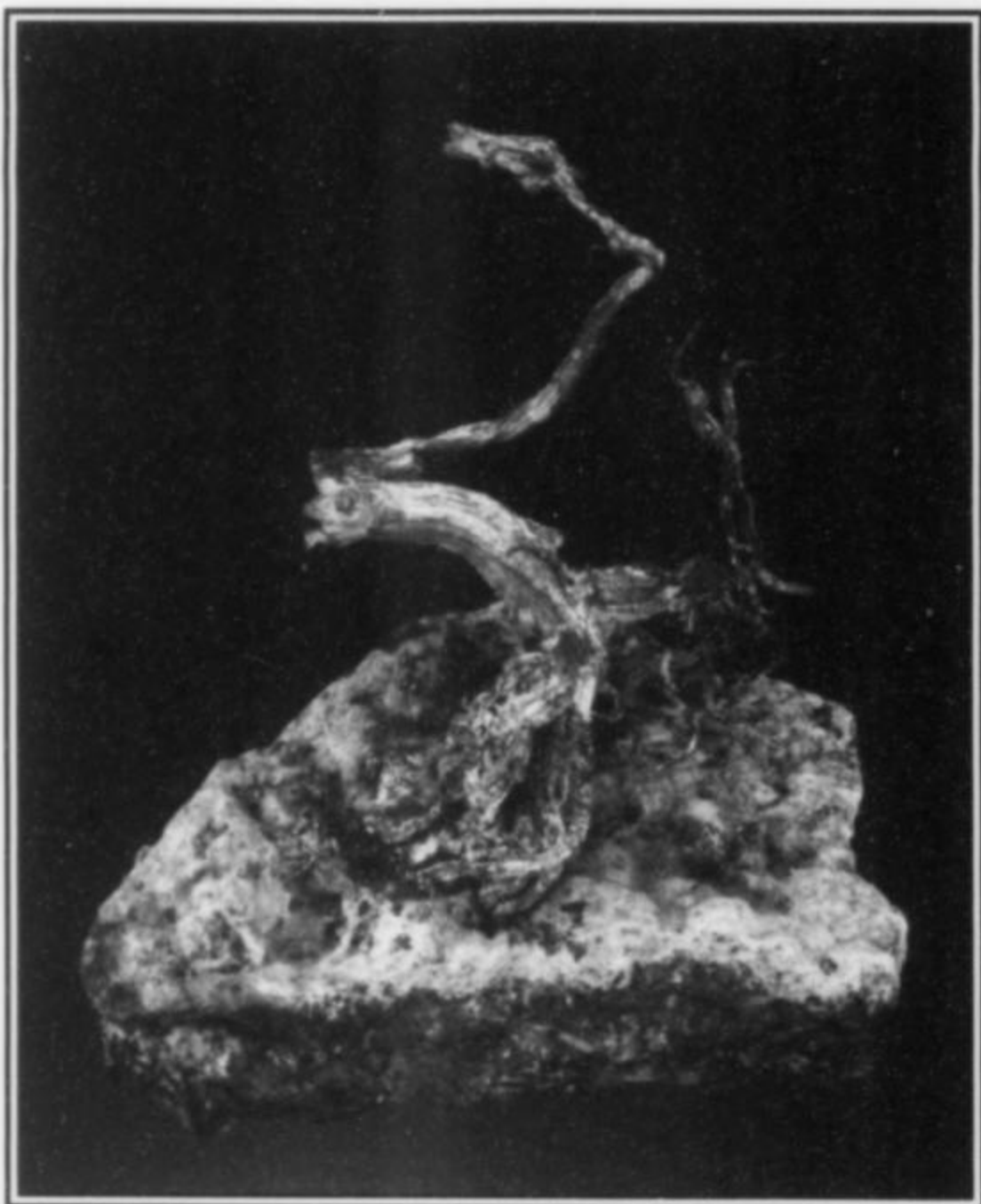
"Imperial" topaz, 13.2 cm, Ouro Preto, Minas Gerais, Brazil. Jeff Scovil photo.



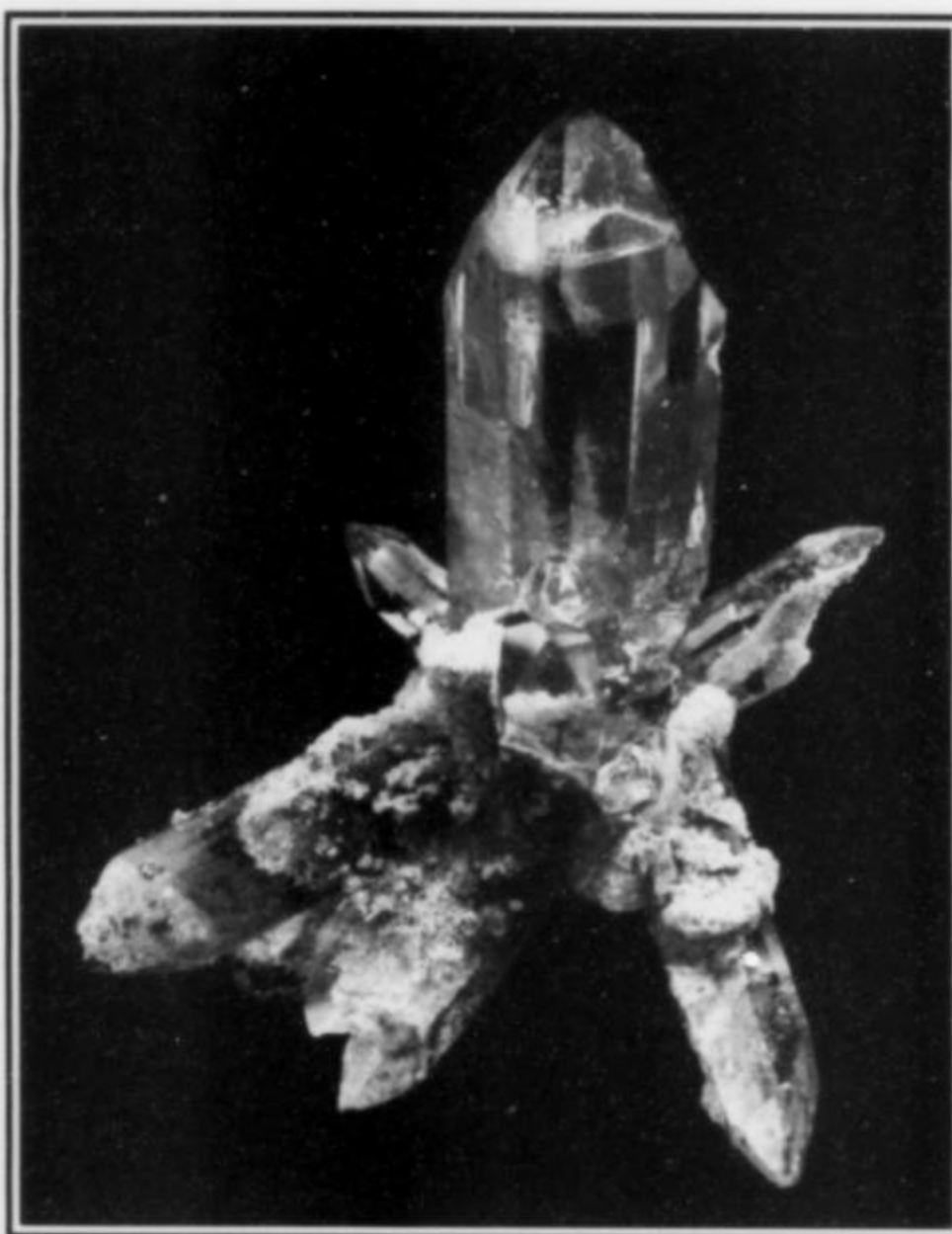
Topaz, 5.1 cm, Ural Mountains, Russia. Jeff Scovil photo.



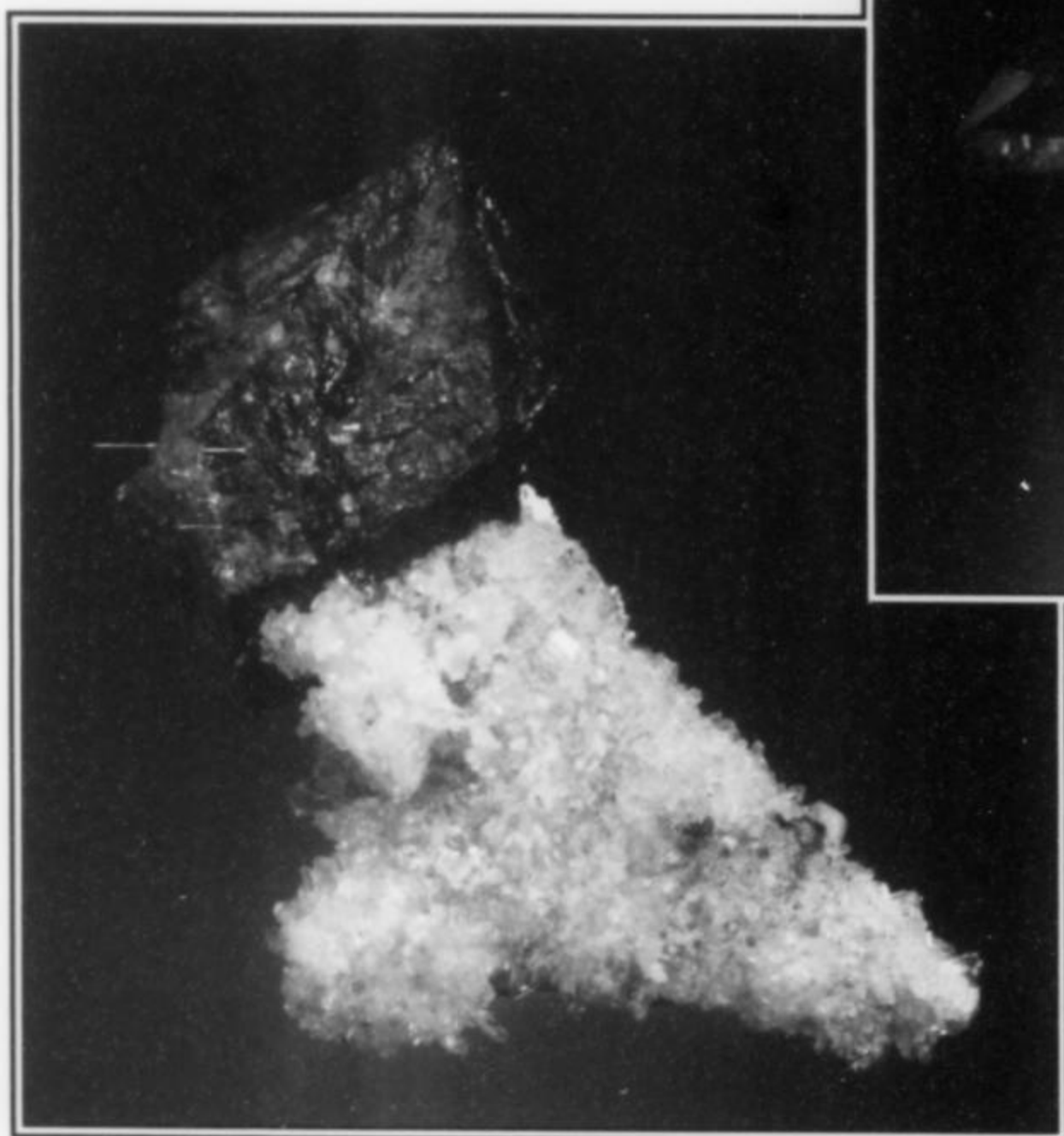
Elbaite crystals, 9.5 and 8.9 cm, Virgem da Lapa, Minas Gerais, Brazil (left) and Morro Redondo, Minas Gerais, Brazil (right). Jeff Scovil photo.



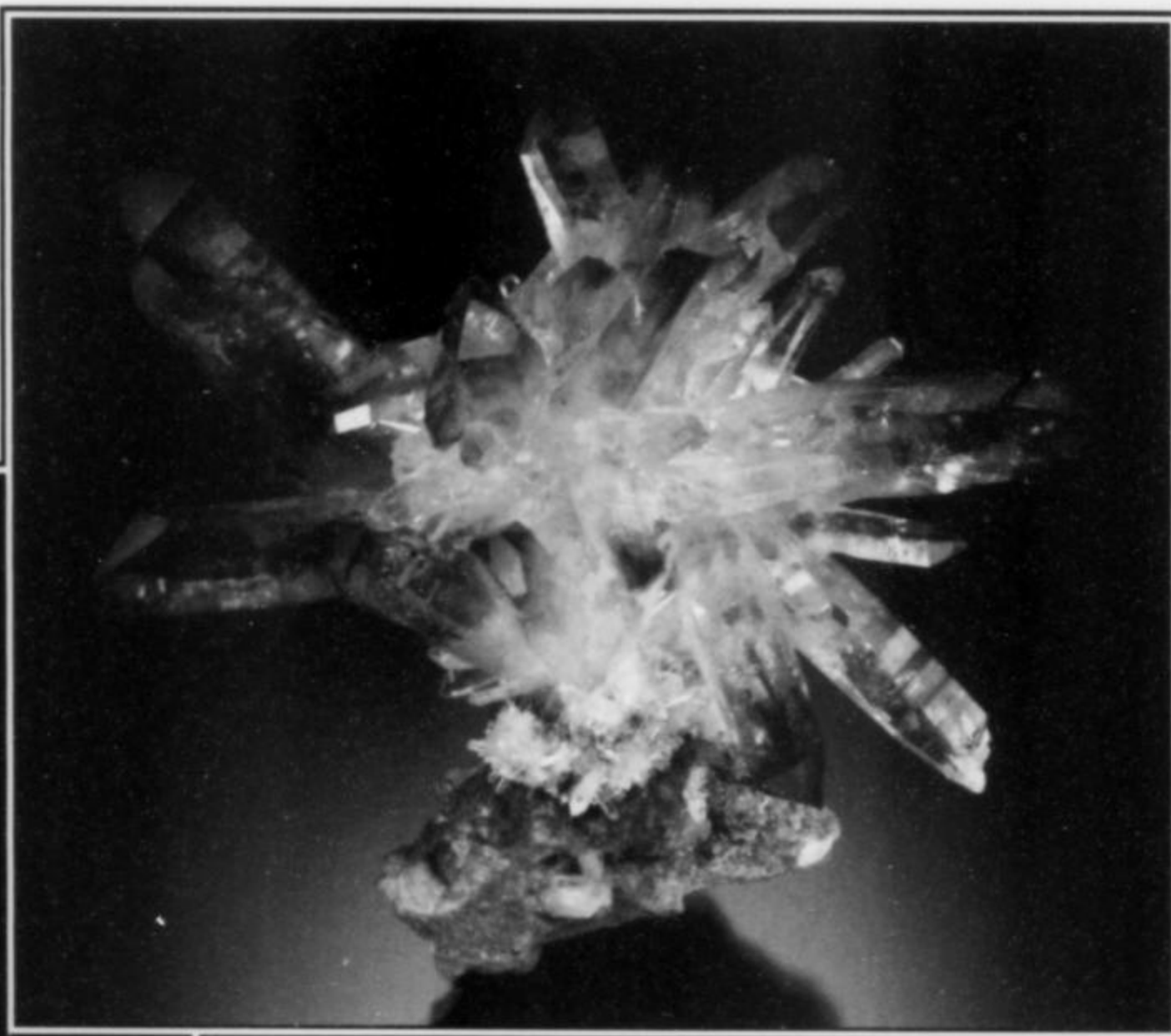
Silver, 10.2 cm, Uchucchaqua mine, Lima Department, Peru. Jeff Scovil photo.



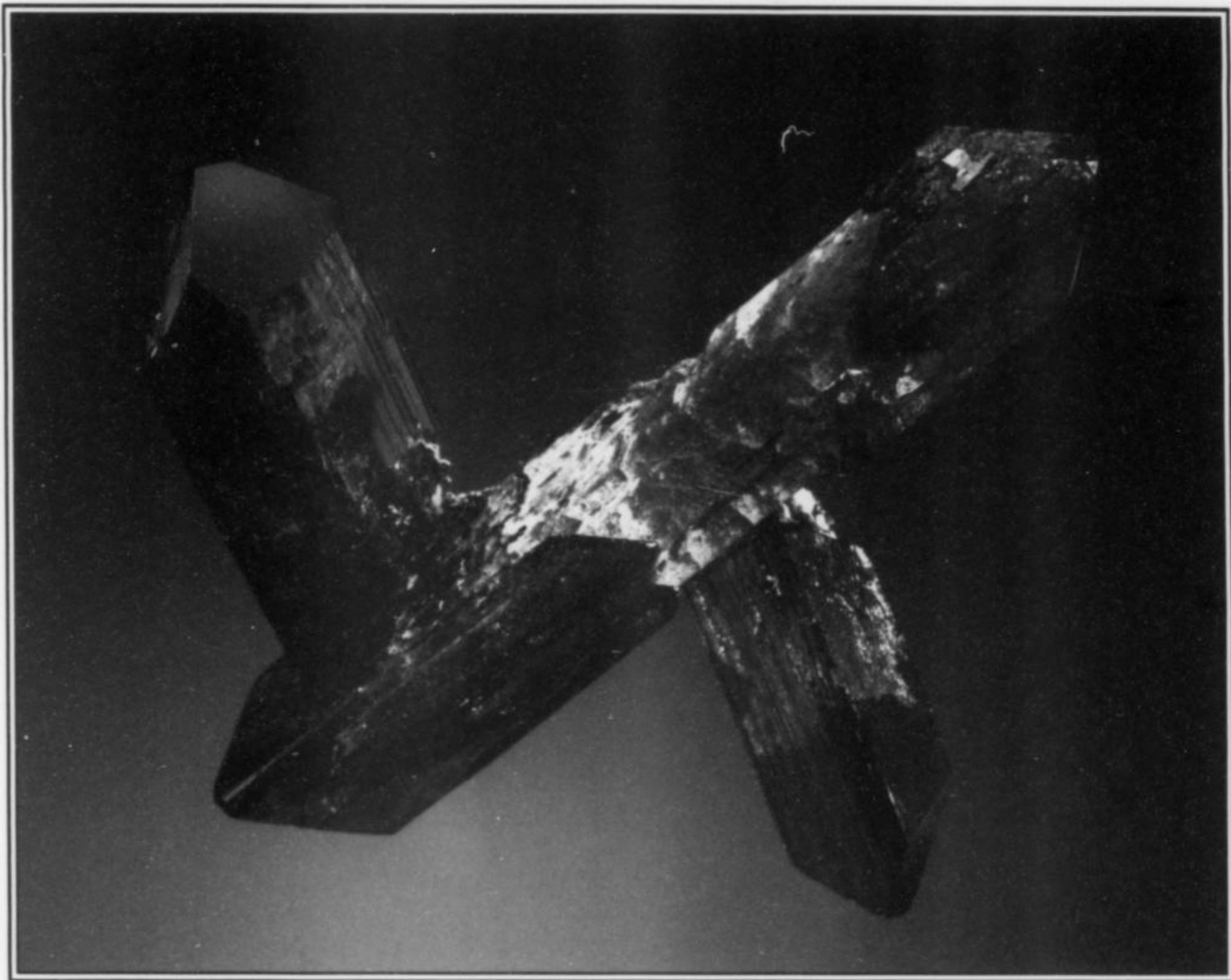
Topaz, 3.8 cm, Thomas Range, Juab County, Utah. Jeff Scovil photo.



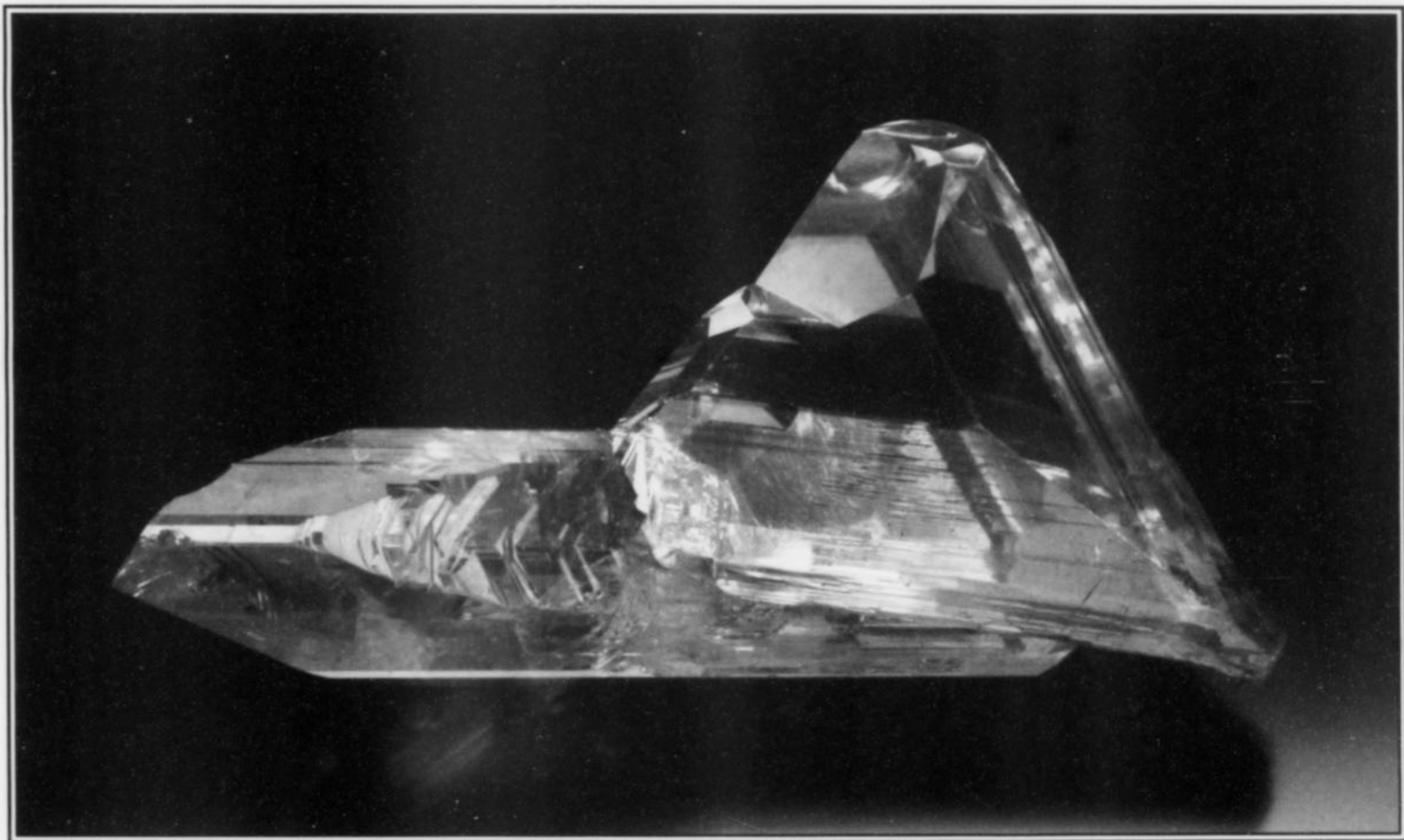
Cinnabar on drusy quartz, 7 cm, Tongren, Guizhou Province, China. Jeff Scovil photo.



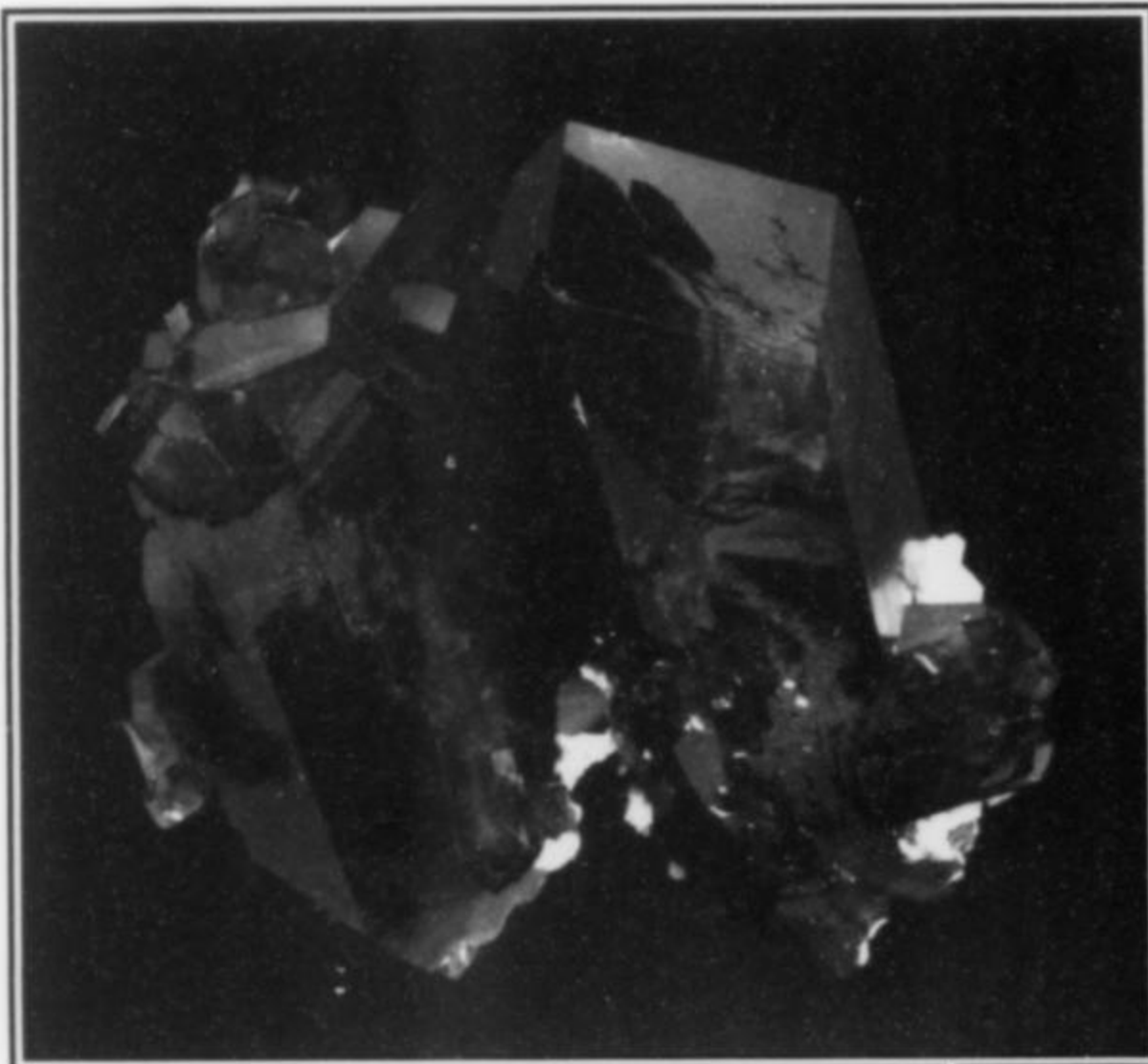
Amethystine quartz, 6 cm, Las Vigas, Veracruz, Mexico. Jeff Scovil photo.



Azurite, 8.9 cm, Toussit mine, Oujda, Morocco. Jeff Scovil photo.



Cerussite, 6.4 cm, Kombat mine, Namibia. Jeff Scovil photo.



Diopside, 3.2 cm, Tsumeb mine, Tsumeb, Namibia. Jeff Scovil photo.

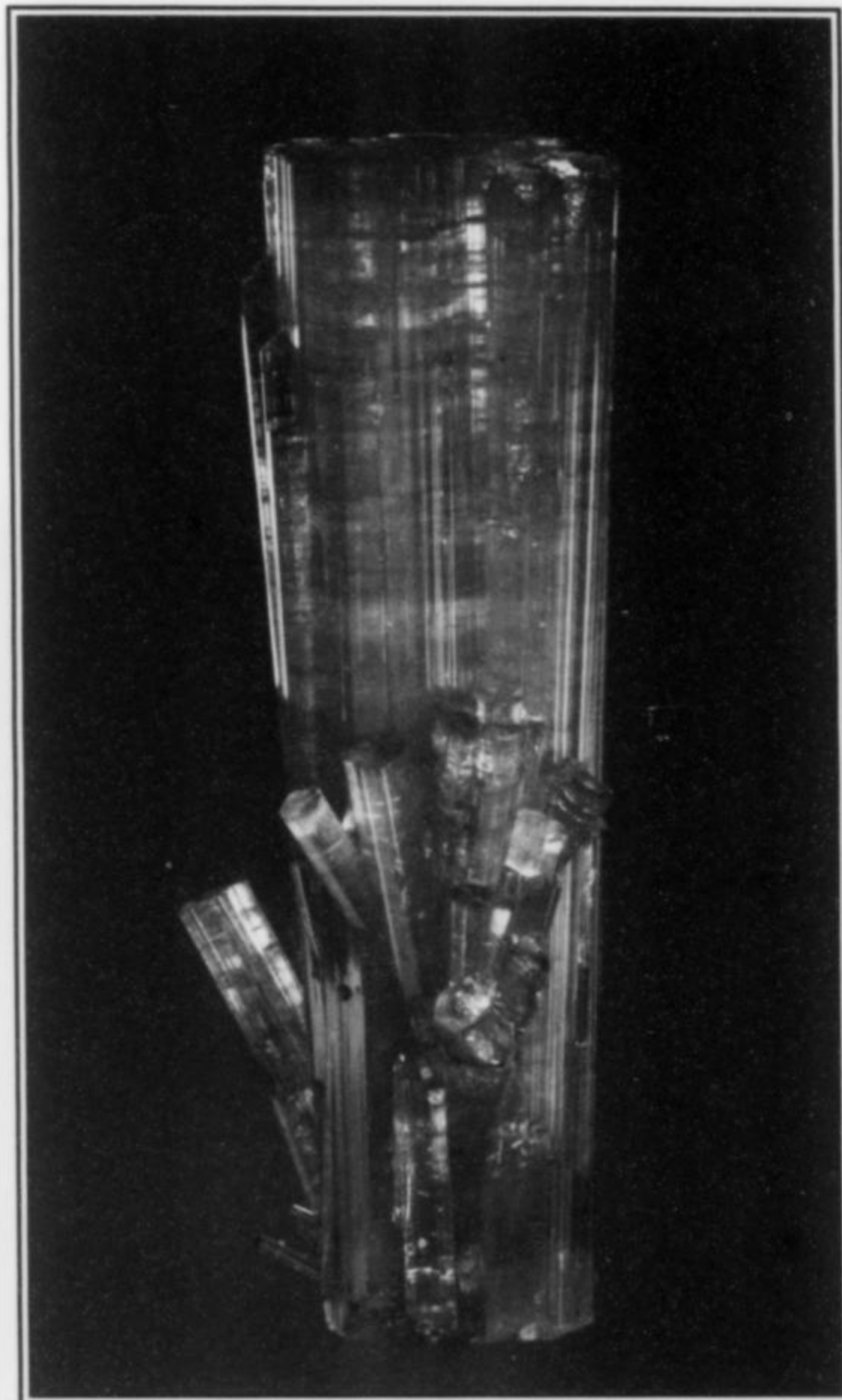


Mimetite, 2.5 cm, Tsumeb mine, Tsumeb, Namibia. Jeff Scovil photo.

Gold, 6.4 cm, Red Ledge mine, Nevada County, California. Jeff Scovil photo.

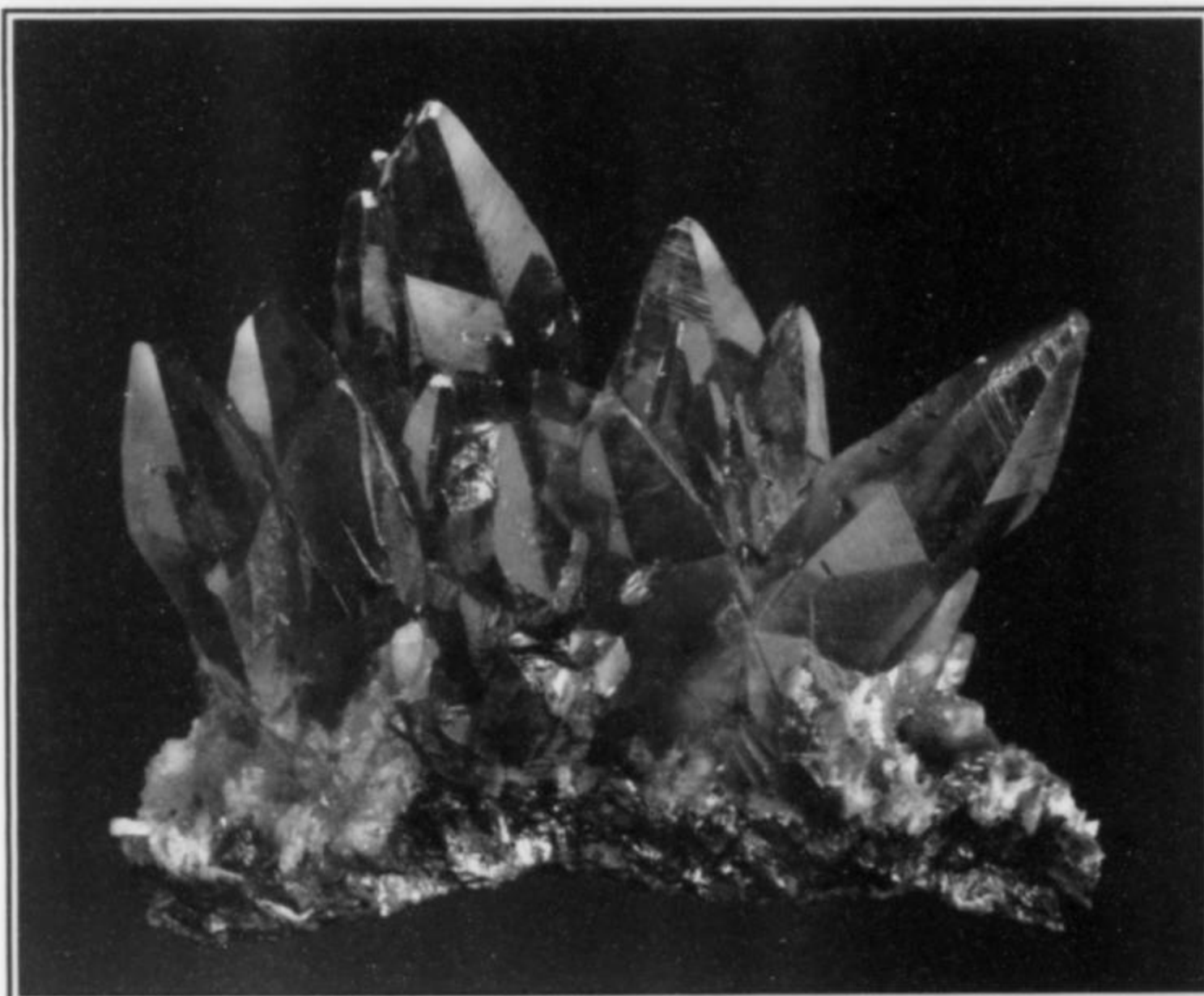


Elbaite, 17.1 cm, Santa Rosa mine, Minas Gerais, Brazil. Jeff Scovil photo.

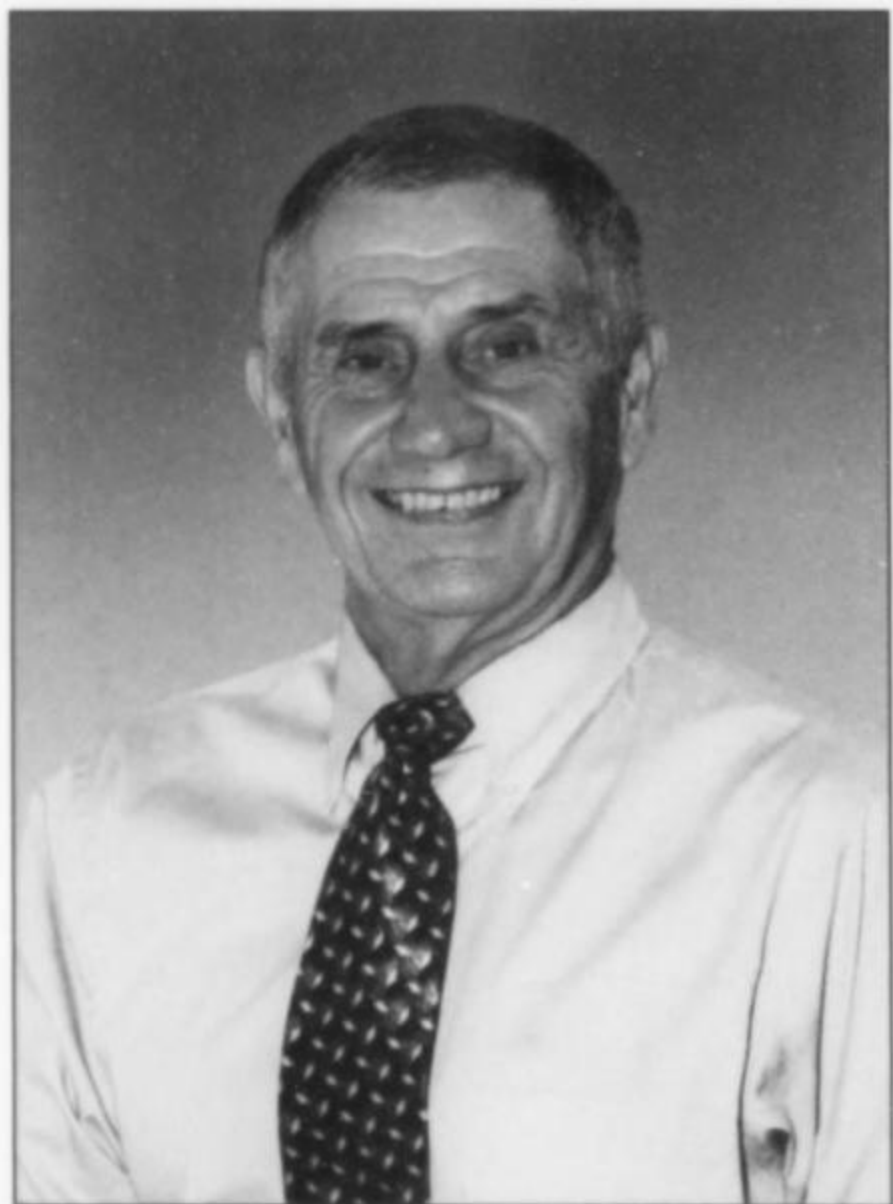


Topaz with lepidolite, 18.4 cm, Virgem da Lapa, Minas Gerais, Brazil. Jeff Scovil photo.

Rhodochrosite, 5.1 cm, N'Chwaning mine, Kalahari Manganese Field, South Africa. Jeff Scovil photo.

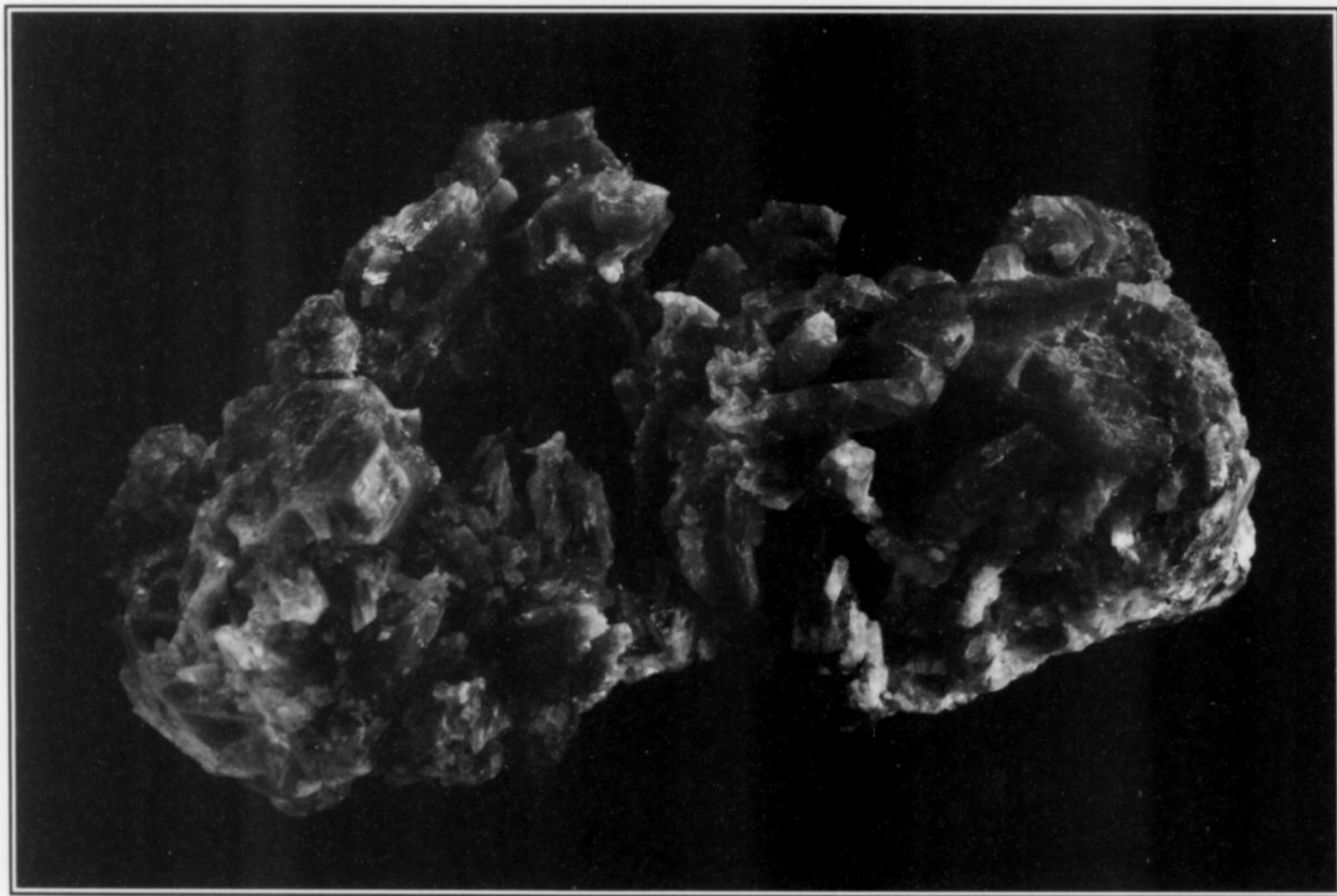


Will Heierman

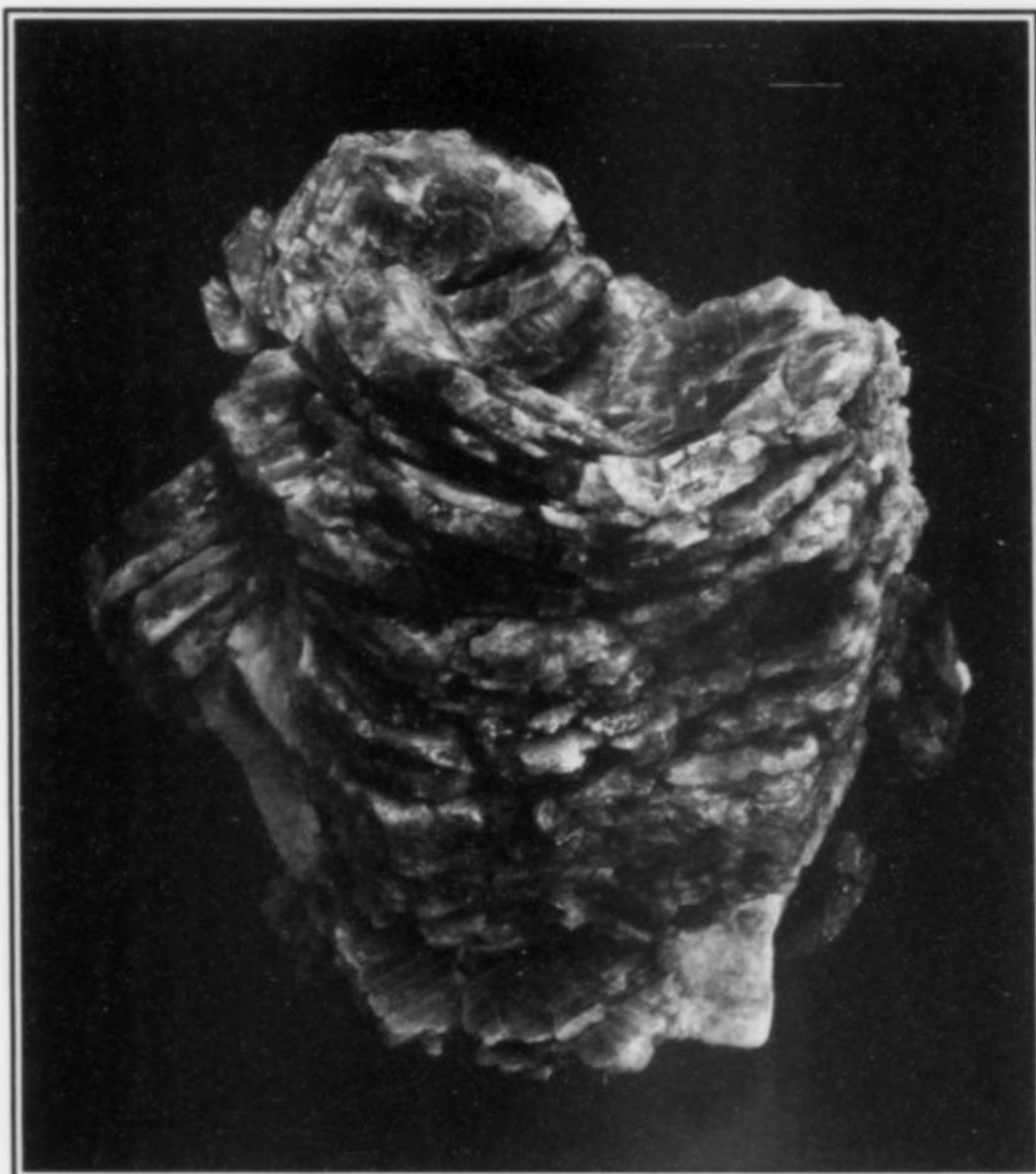


I have had an interest in minerals for as long as I can remember, but that interest grew into a passion about 25 years ago when I panned gold for the first time in Montana. A year later, I walked into a Helena gift shop and became acquainted with Montana sapphires. Since that moment of conception, my corundum collection has grown to nearly 3,000 specimens. In the following ten years, I became active in mineral groups, serving as President at one time or another of the New York, Brooklyn, and Highland Lakes (Texas) clubs. As I contemplated my retirement from a college mathematics teaching career in Brooklyn, my interest in corundum became a focus not only of collecting but also of research. A website called "The Corunduminium" (www.corunduminium.com) is one manifestation of my "Corundum Project," devoted to one of Nature's most remarkable and diverse minerals.

I moved to Texas in 1998, but instead of enjoying a life of leisure, I went back to teaching in order to support my expensive habit. After a brief period as a PACE Instructor on Navy ships, I joined the faculty of Wharton County Junior College, located southwest of Houston, where I remain today. I'm still a member of the New York Mineralogical Club, and now also the Houston Gem and Mineral Society, and the HAMS group.



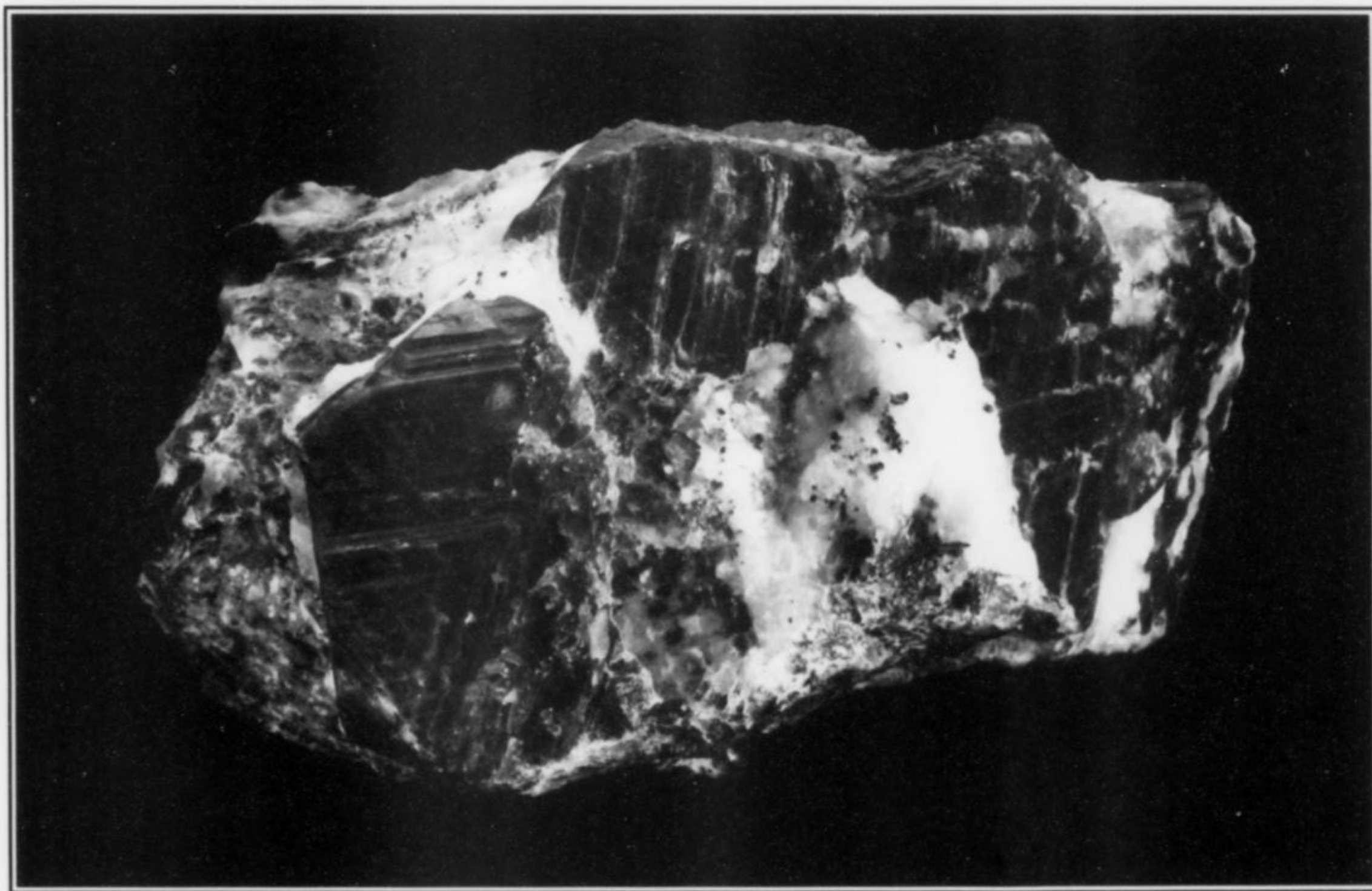
Corundum (ruby) with fuschite, 10.5 cm, Chumar mine, Ganesh Himal, Nepal. Ex John Barlow collection. Joe Budd photo.



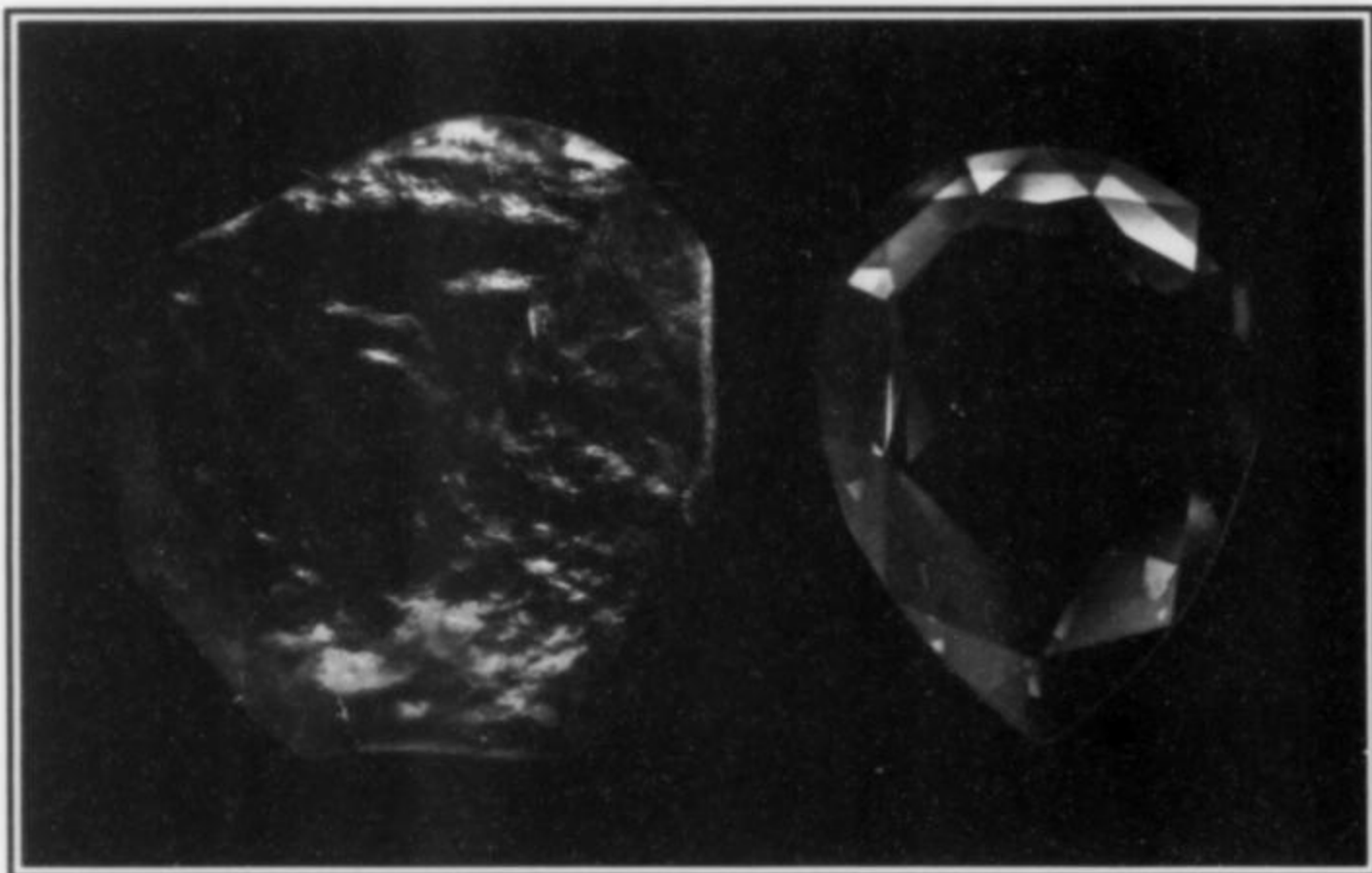
Corundum (sapphire), 7.5 cm, Miass mine, Ilmen Mountains, Russia. Currently on exhibit at the Montana Tech Mineral Museum in Butte. Jeff Scovil photo.



Corundum (sapphire), 7.5 cm, Miass mine, Ilmen Mountains, Russia. Ex Bill Larson collection. Joe Budd photo.



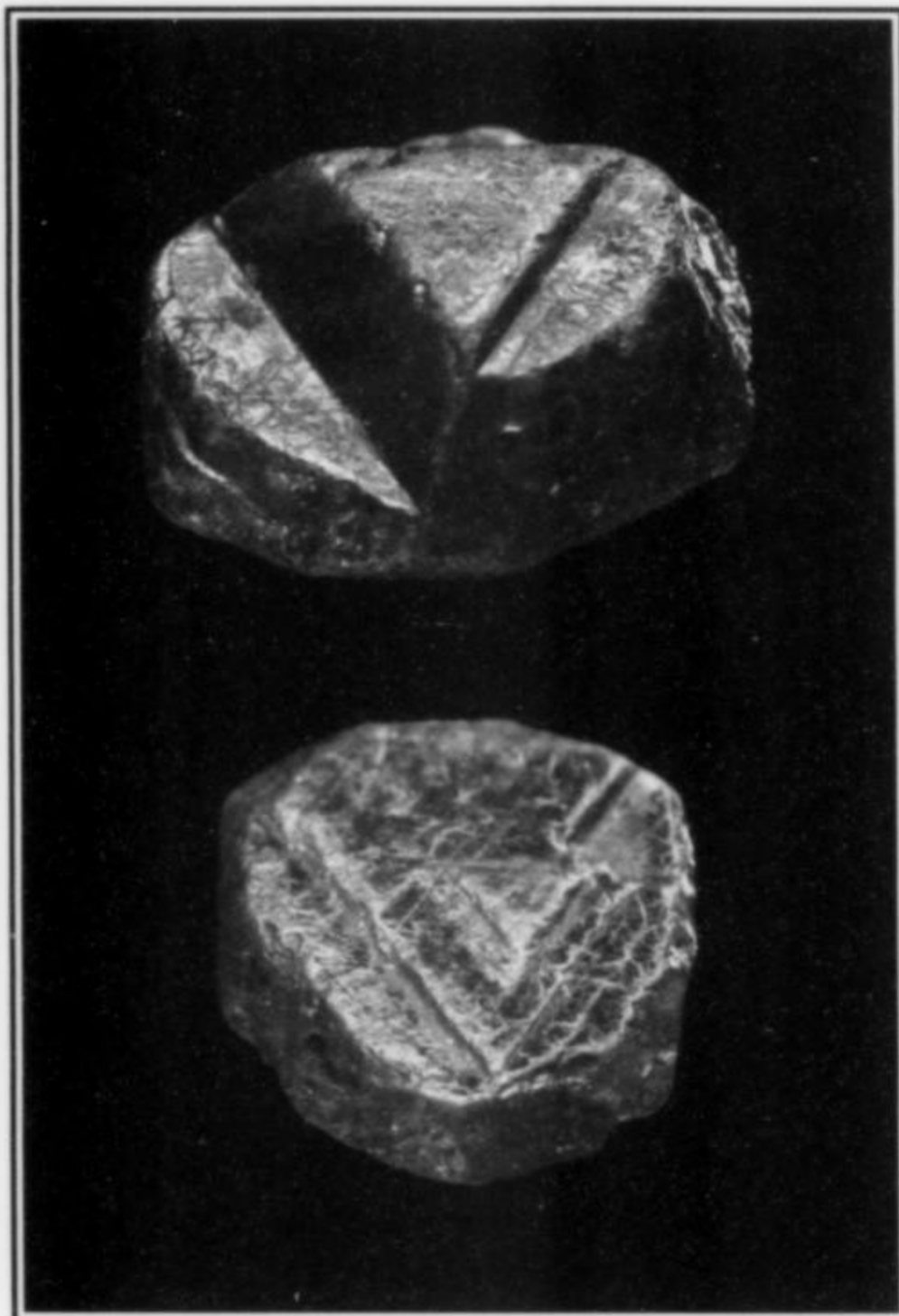
Corundum (ruby), 9.5 cm, Kleigaassen pegmatite, Arendal, Norway. Ex Bill Larson collection. Joe Budd photo.



(above) Corundum (sapphire), 1.6 cm (left) and 1.6 cm (right). Yogo Creek, Montana. Joe Budd photo.



(left) Corundum (sapphire), 1 cm, Gem Mountain, Montana. Joe Budd photo.



(right) Corundum (ruby), 1.1 cm each, Jacobs mine, Cowee Valley, North Carolina. Joe Budd photo.

(below) Corundum (sapphire), crystals to 1.6 cm, Yogo Creek, Montana. Jeff Scovil photo.





Corundum (sapphire), 19 cm crystal, Mount San Jacinto, Riverside County, California.
Currently on exhibit at the Montana Tech Mineral Museum in Butte. Jeff Scovil photo.

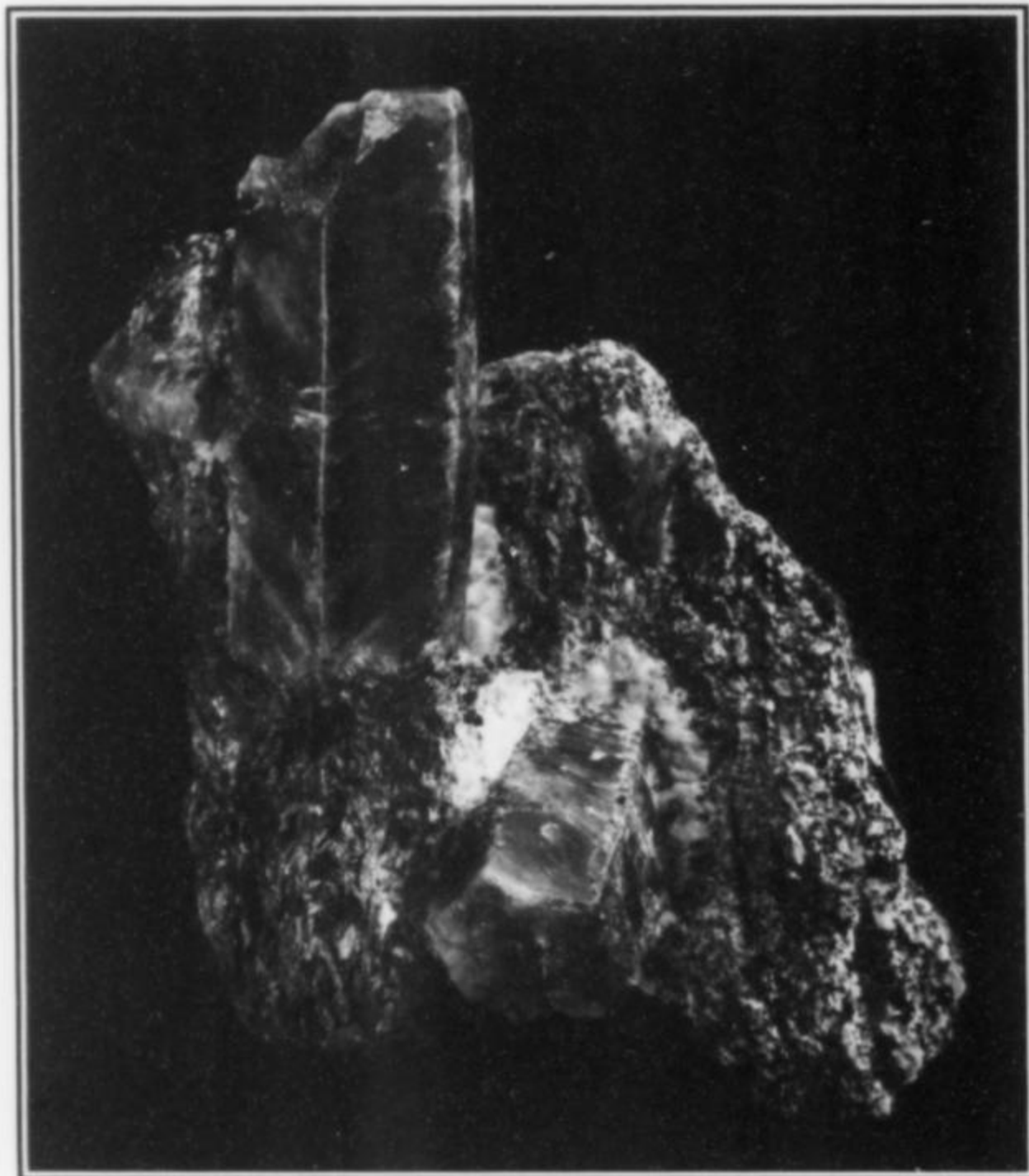


(above) Corundum (ruby), 7.8 cm, Pokot tribal region, Kenya/Uganda border. Joe Budd photo.

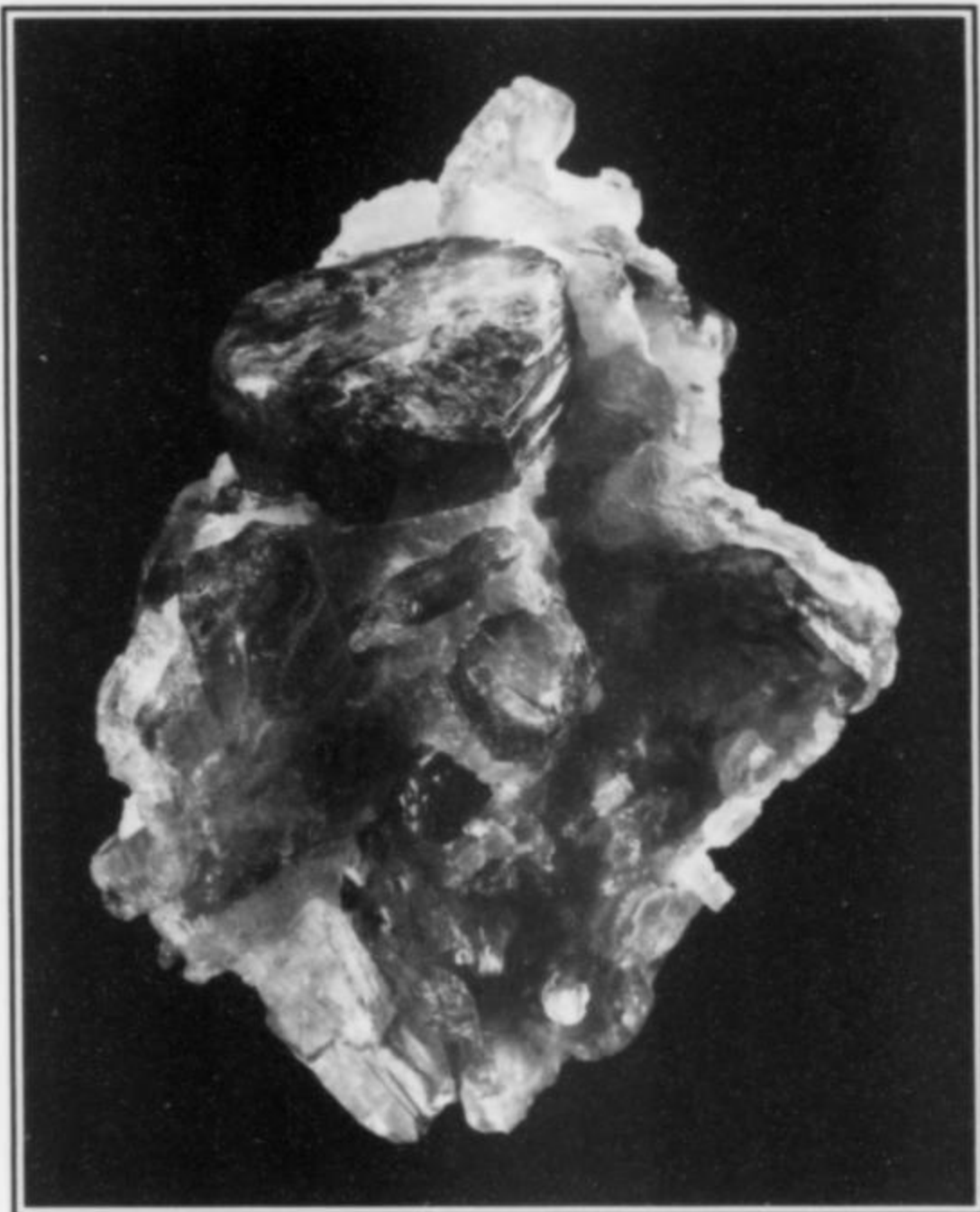
(right) Corundum (ruby), 5.2 cm, Luc Yen, Yen Bai Province, Viet Nam. Jeff Scovil photo.



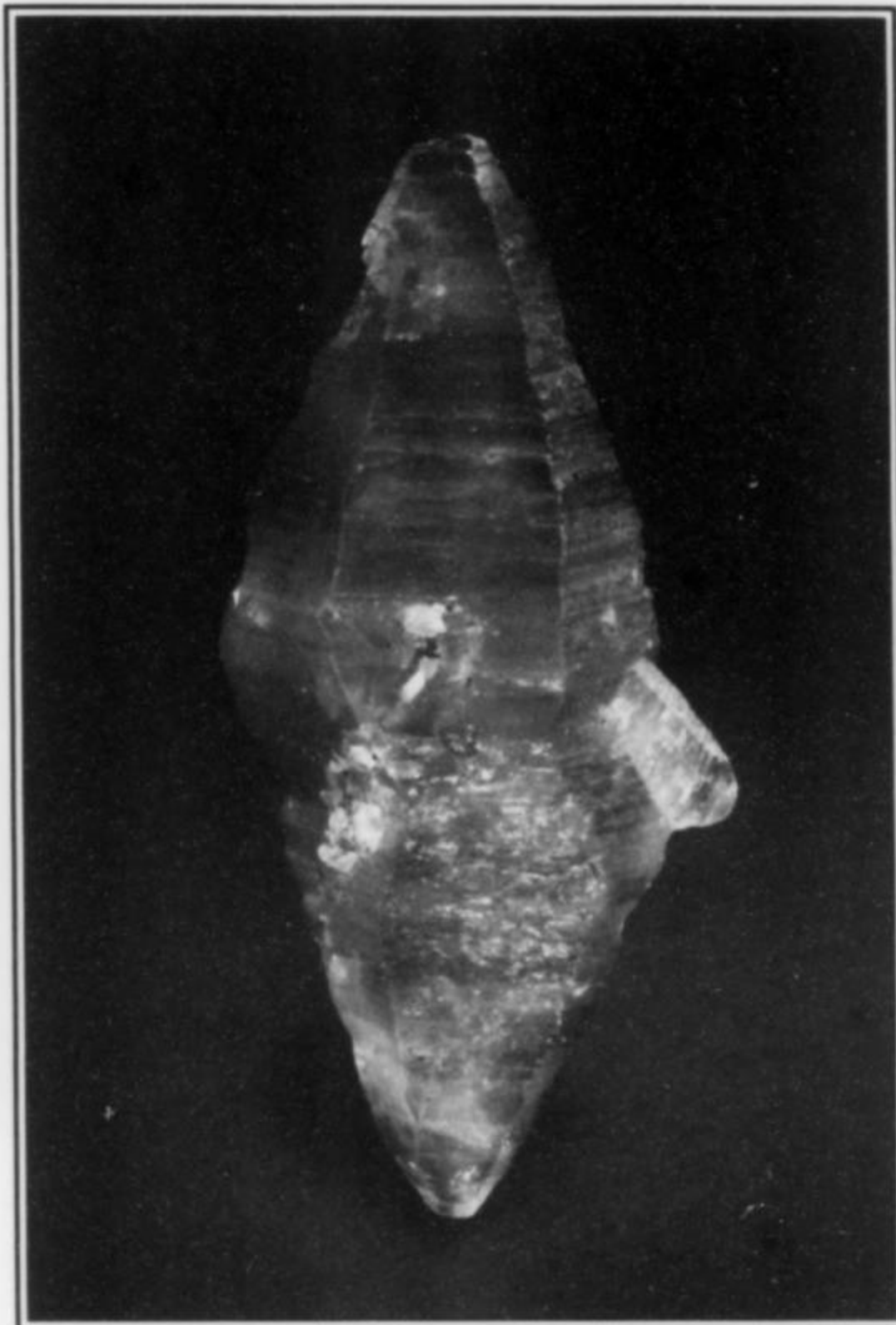
(below) Corundum (sapphire), 9.3 cm, Ihosy, Madagascar. Ex Frederico Pezzotta collection. Joe Budd photo.



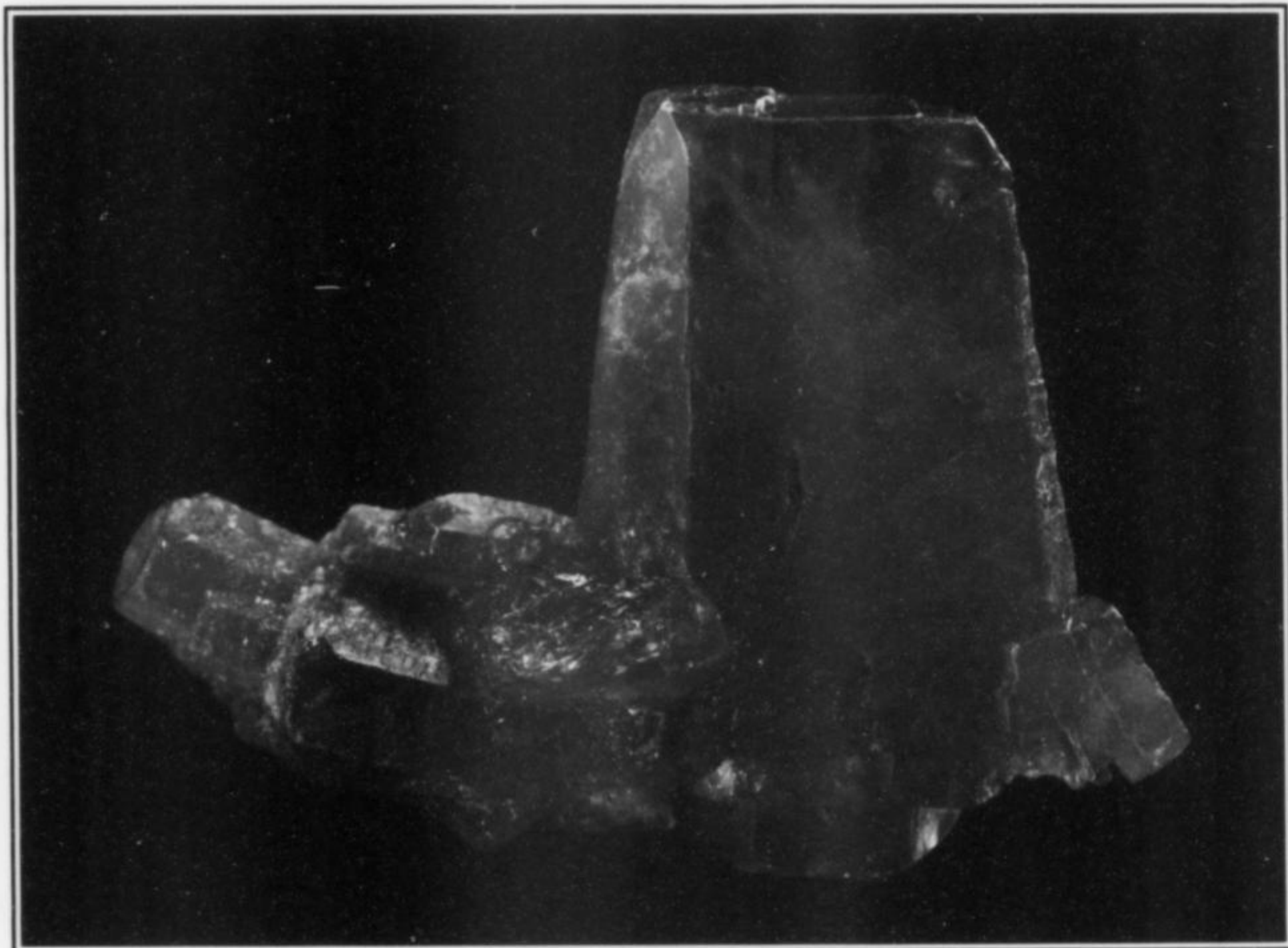
Corundum (ruby) with diopside, 8.5 cm, Tanzania. Joe Budd photo.



Corundum (sapphire), 6.7 cm, Sri Lanka. Collected ca. 1890; Ex B. W. Anderson, Kensington Museum collections, England. Joe Budd photo.



Corundum (sapphire), 6 cm, Ratnapura (?), Sri Lanka. Ex Bill Larson collection. Joe Budd photo.



Corundum (ruby), 1.8 cm, Mong Hsu, Burma. Joe Budd photo.

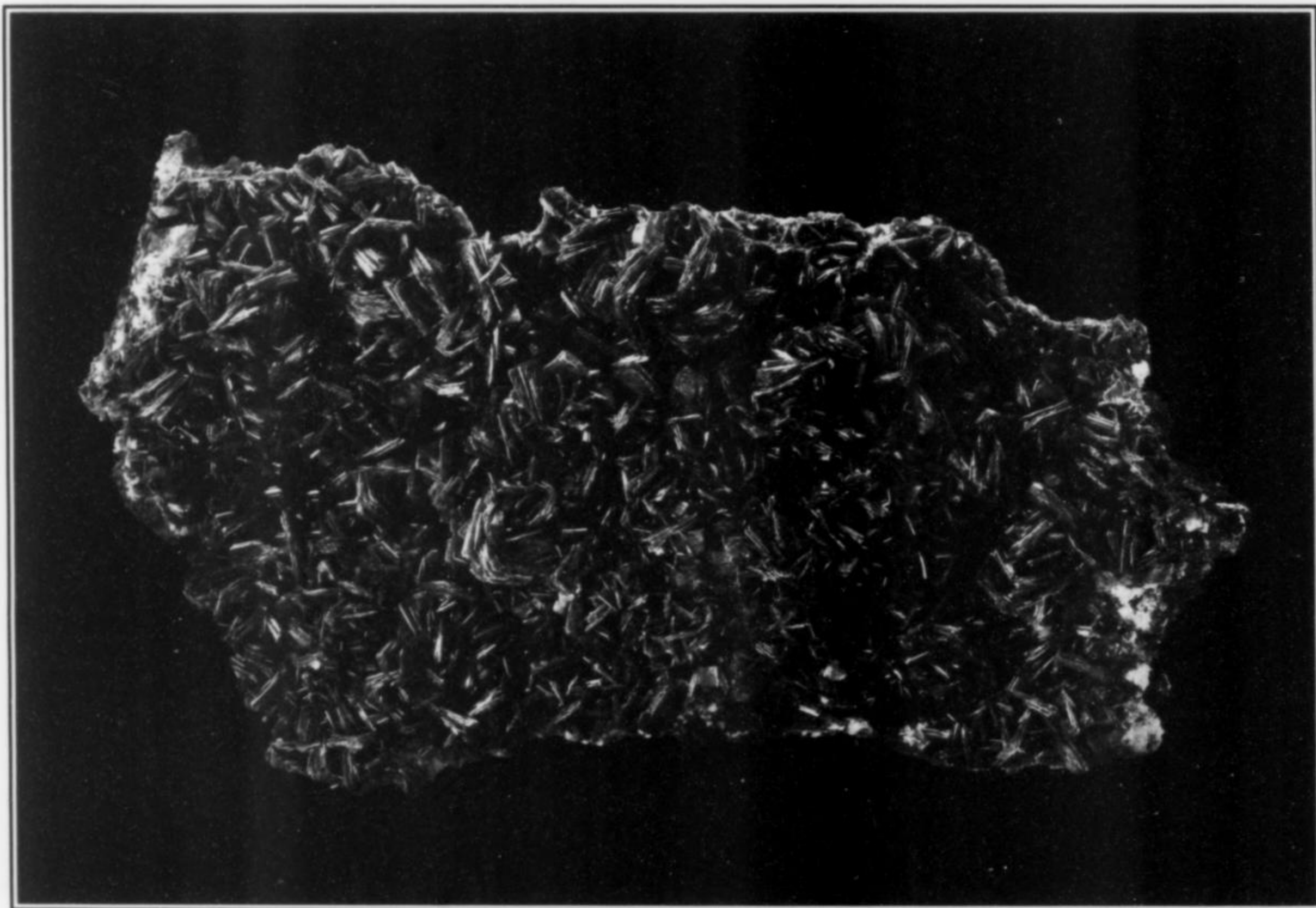
Lyda Hill



Gorgeous, striking, brilliant, fascinating!!! That's why I started collecting minerals a few years ago. Picking up "special" rocks had already been a life-time habit, but when I walked into the Dallas Museum of Nature and Science to see the special mineral exhibit from Houston, I was swept away. Having thus far avoided collecting anything, I had relatively empty shelves, but that was to change quickly.

Fortunately this novice met experienced collectors who were willing to share their enthusiasm and knowledge. Jim Gibbs and Mark Pospisil introduced me to dealers and collectors whom they knew would be able to help me. Jim's biggest assistance was when he sat down with me at my first Denver Show and walked me through a mineral collecting business plan. I had already established that my life's mission is to further the understanding and appreciation of the natural sciences. It only took a moment to decide that I will eventually give my collection to the Dallas Museum, to help people understand nature. That conversation helped me to establish my goal of collecting museum-quality, cabinet-size specimens.

The MAD group has helped me to broaden my knowledge of the specimen market, and the various definitions of quality. Designing exhibits that explain how minerals are formed is my new passion, with two exhibits for my office under way. More ideas are on the drawing board for Dallas's new Perot Museum of Nature and Science.



Metatorbernite, 19 cm, Musonoi mine, Kolwezi, Katanga, Democratic Republic of Congo. Ex James Horner collection. Joe Budd photo.



Sulfur, 20.3 cm, Agrigento, Sicily, Italy. Ex Luis Miguel collection. Joe Budd photo.

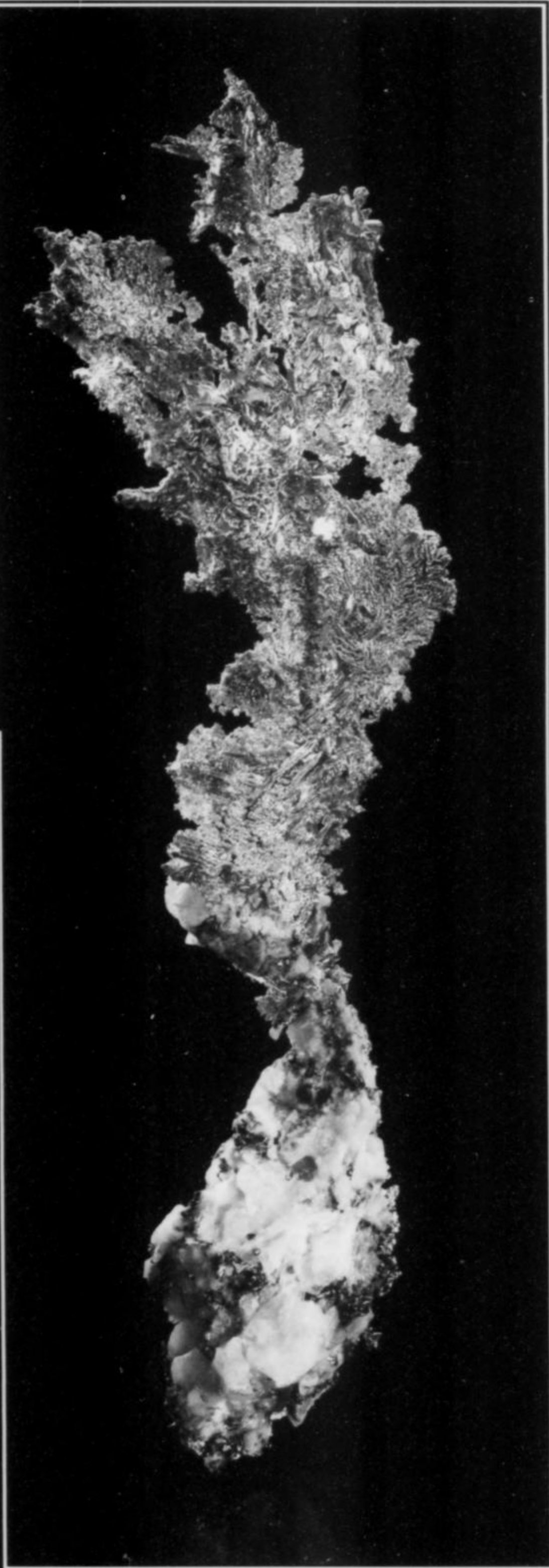
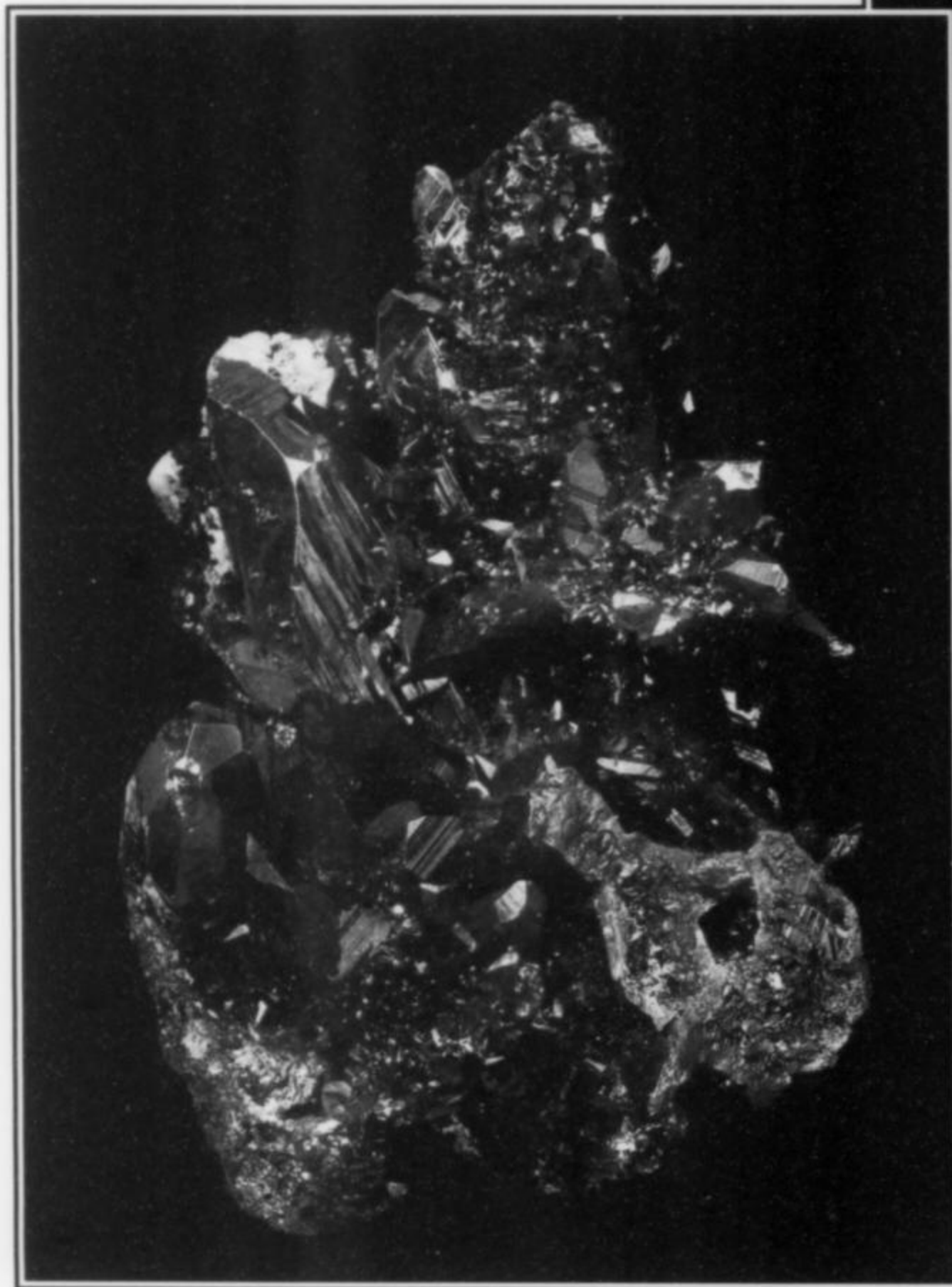


Azurite, 14 cm, Touissit mine, Oujda, Morocco. Ex James Horner collection. Joe Budd photo.

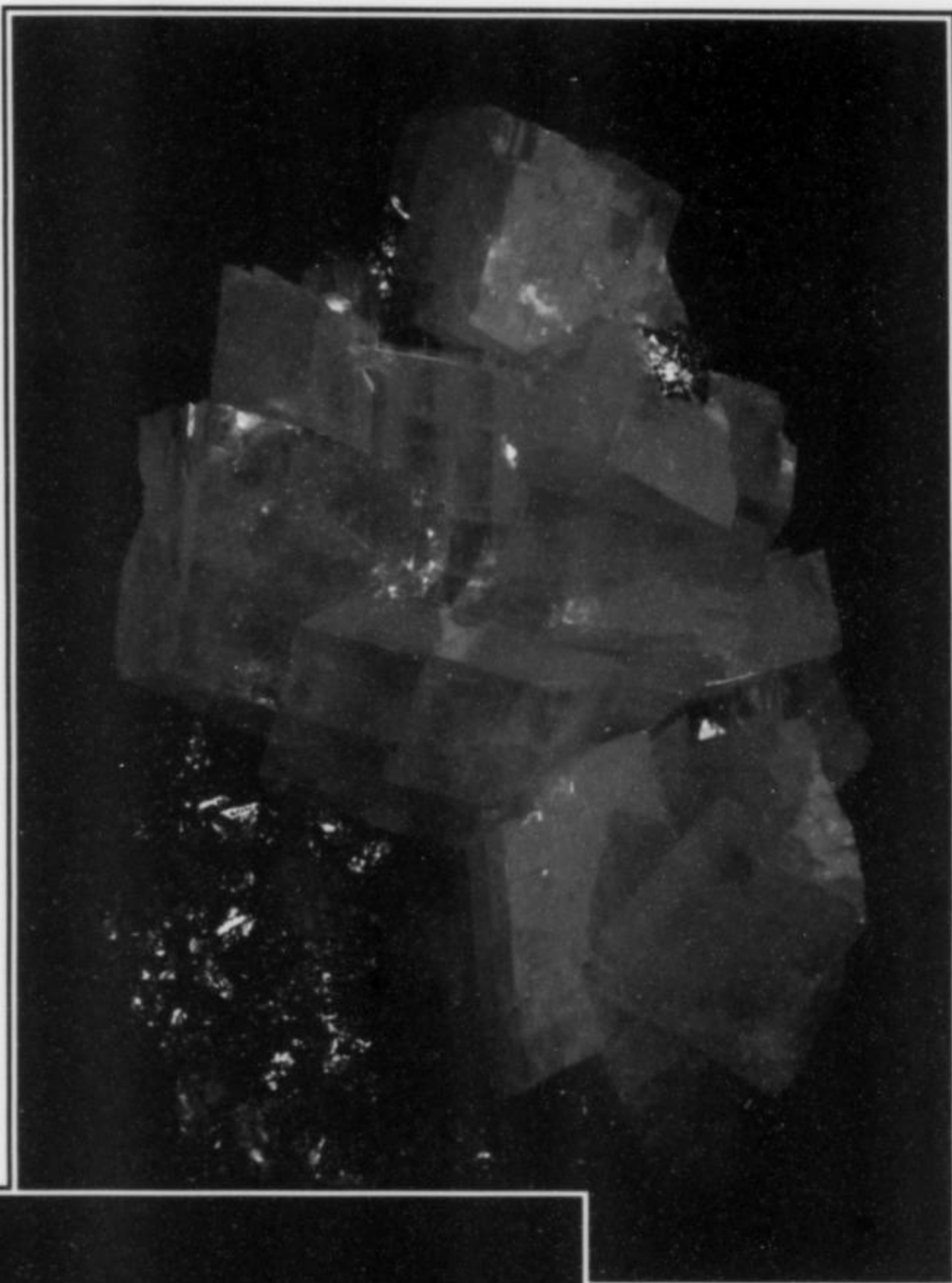
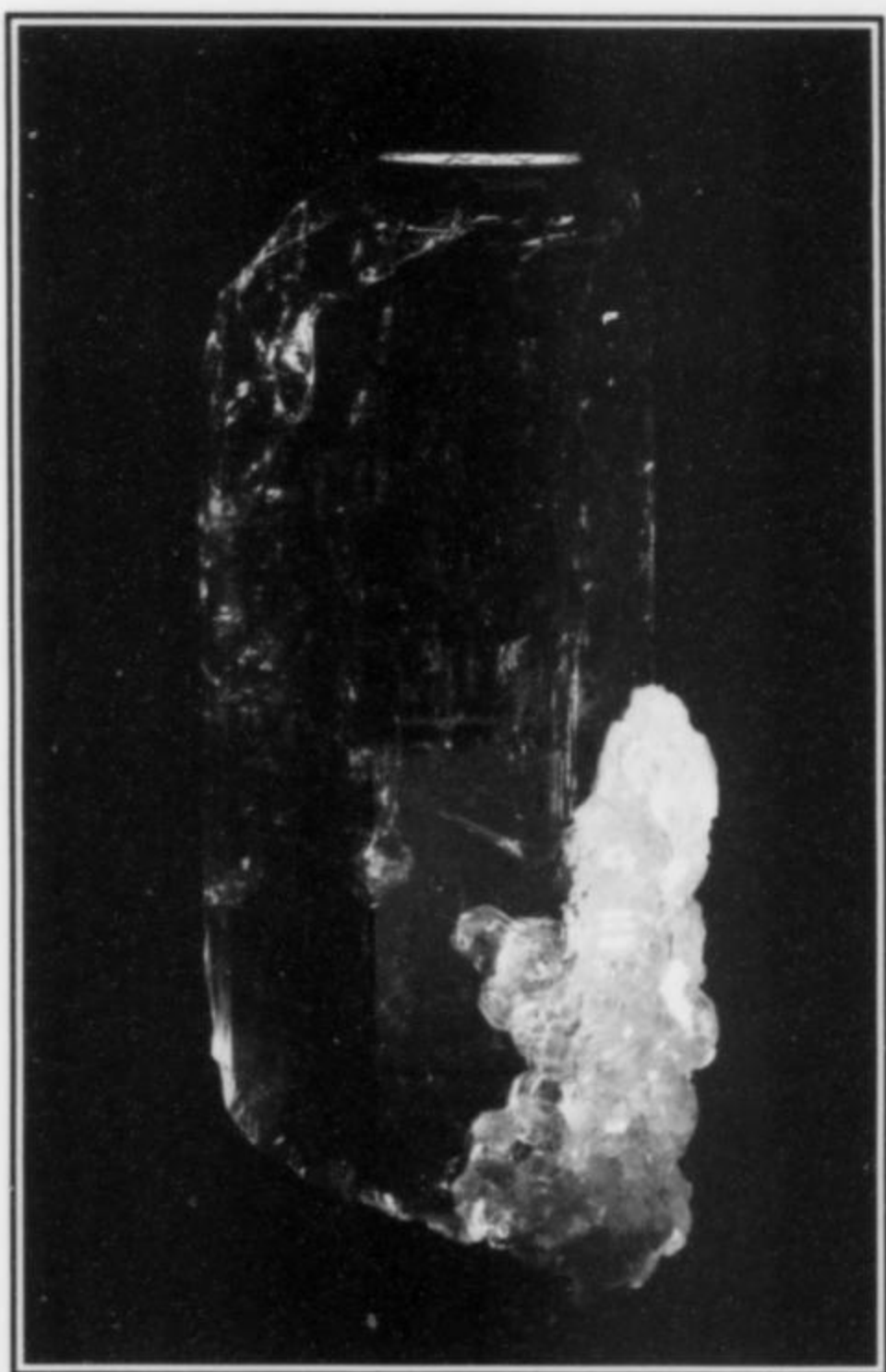


Calcite with duftite, 23.7 cm, Tsumeb mine, Tsumeb, Namibia. Jeff Scovil photo.

Proustite, 10 cm, Chañarcillo, Copiapó Province, Chile. Ex Eric Asselborn collection. Joe Budd photo.

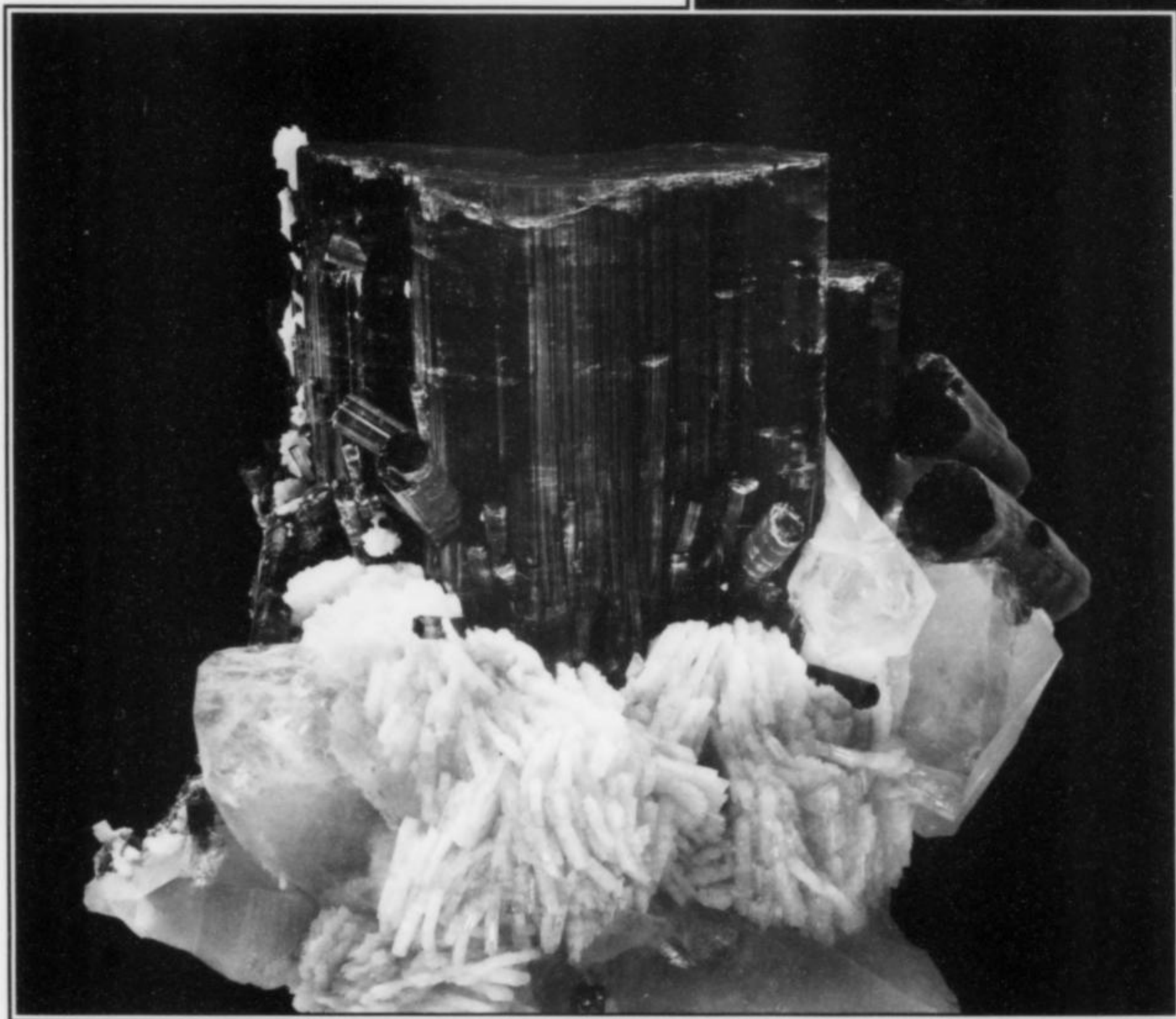


Gold, 16 cm, Eagle's Nest mine, Placer County, California. Joe Budd photo.



Rhodochrosite, 17.7 cm,
Sweet Home mine, Alma,
Park County, Colorado.
Jeff Scovil photo.

Tanzanite (zoisite) with
prehnite (*above left*),
10 cm, Merelani Hills,
Arusha, Tanzania. Joe
Budd photo.

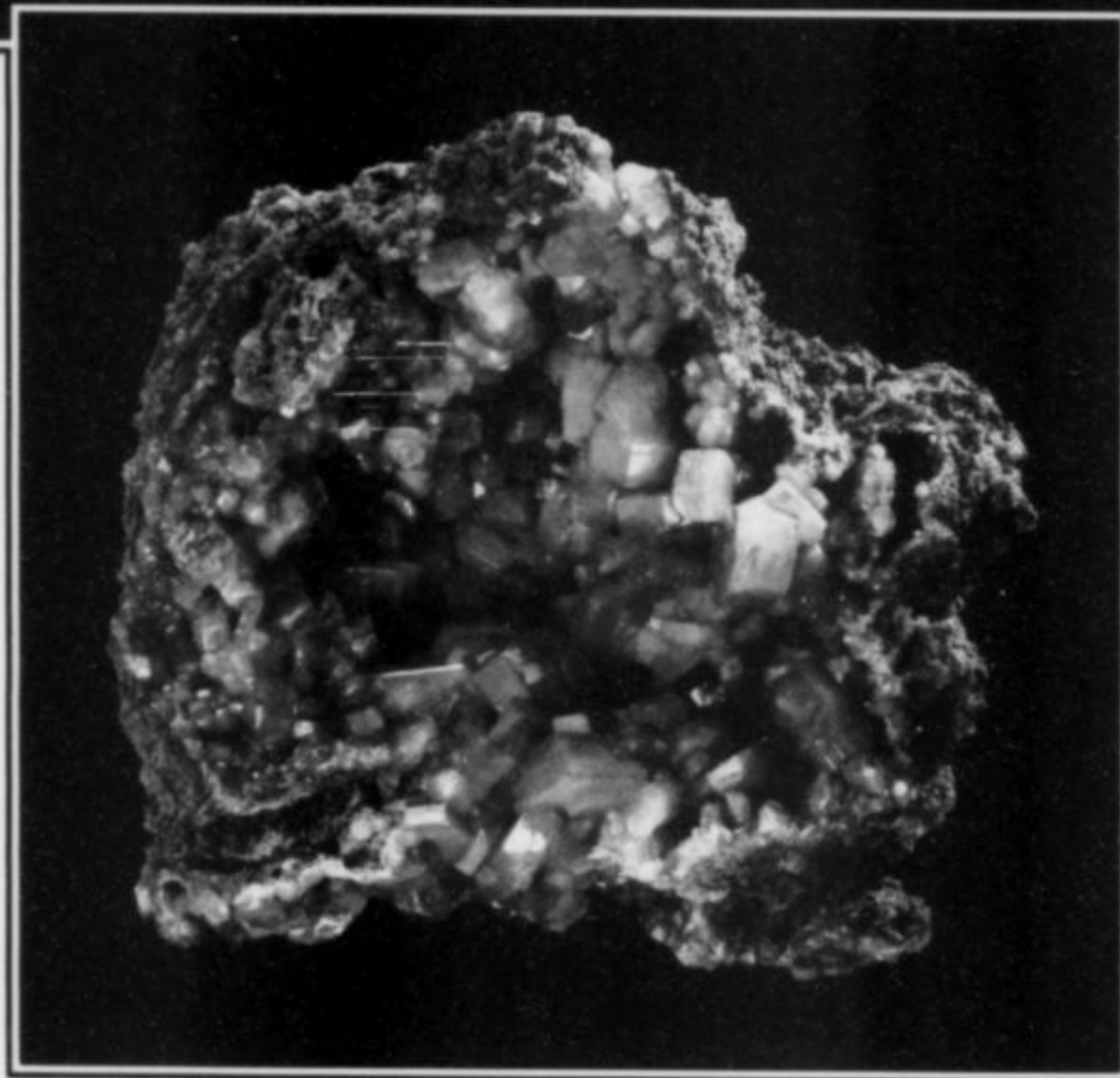
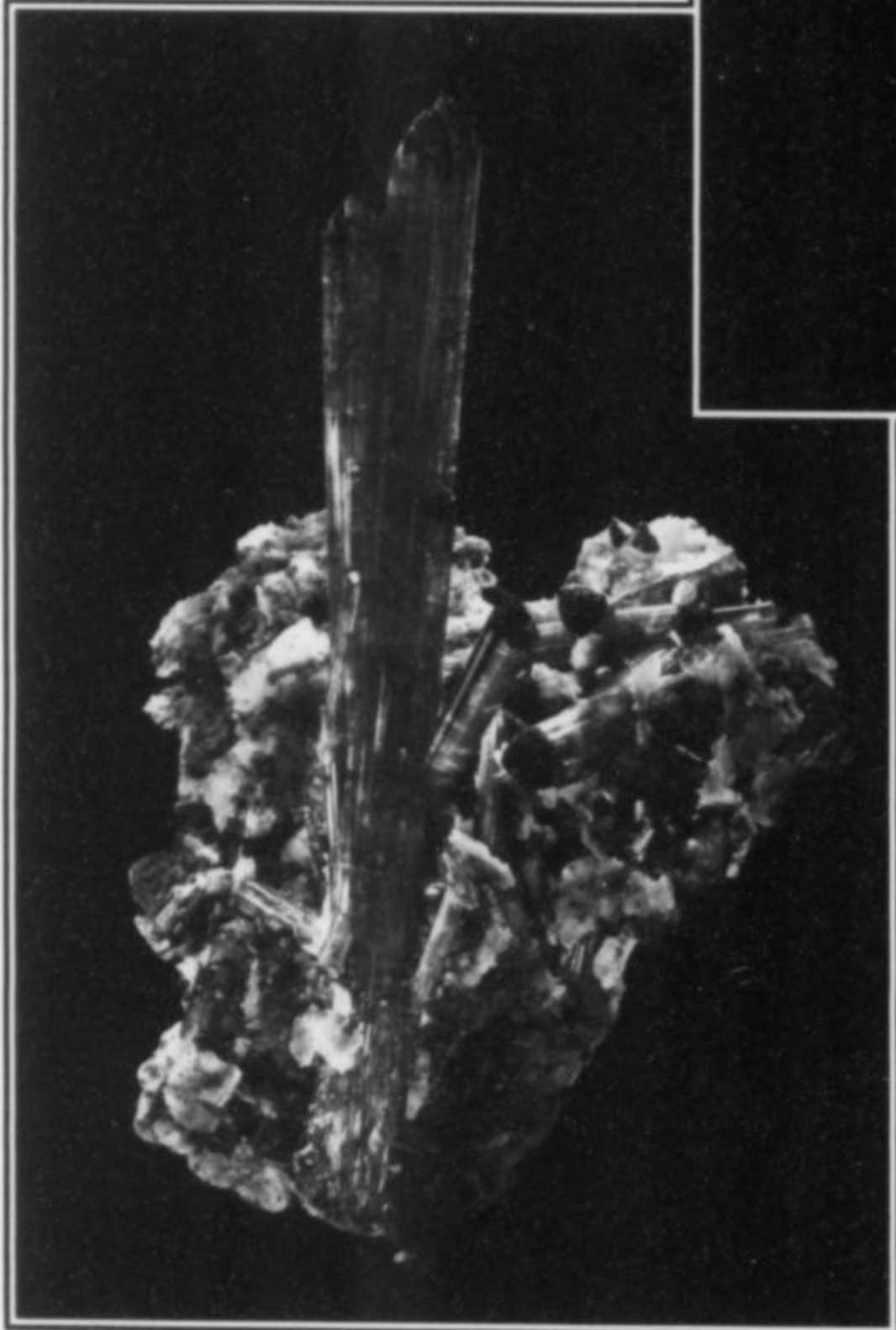
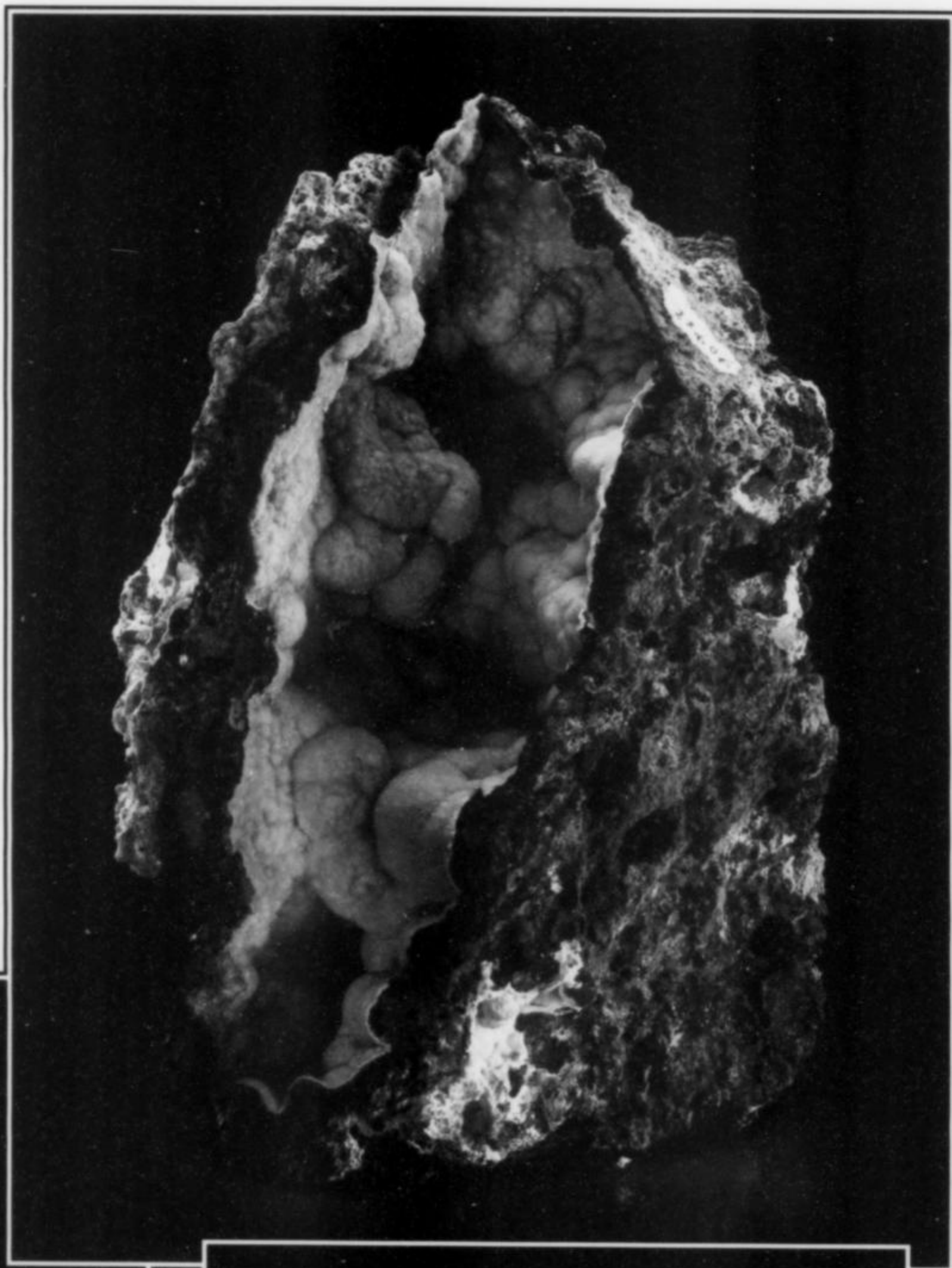


Elbaite, 23 cm,
Pederneira mine,
Minas Gerais, Brazil.
Joe Budd photo.

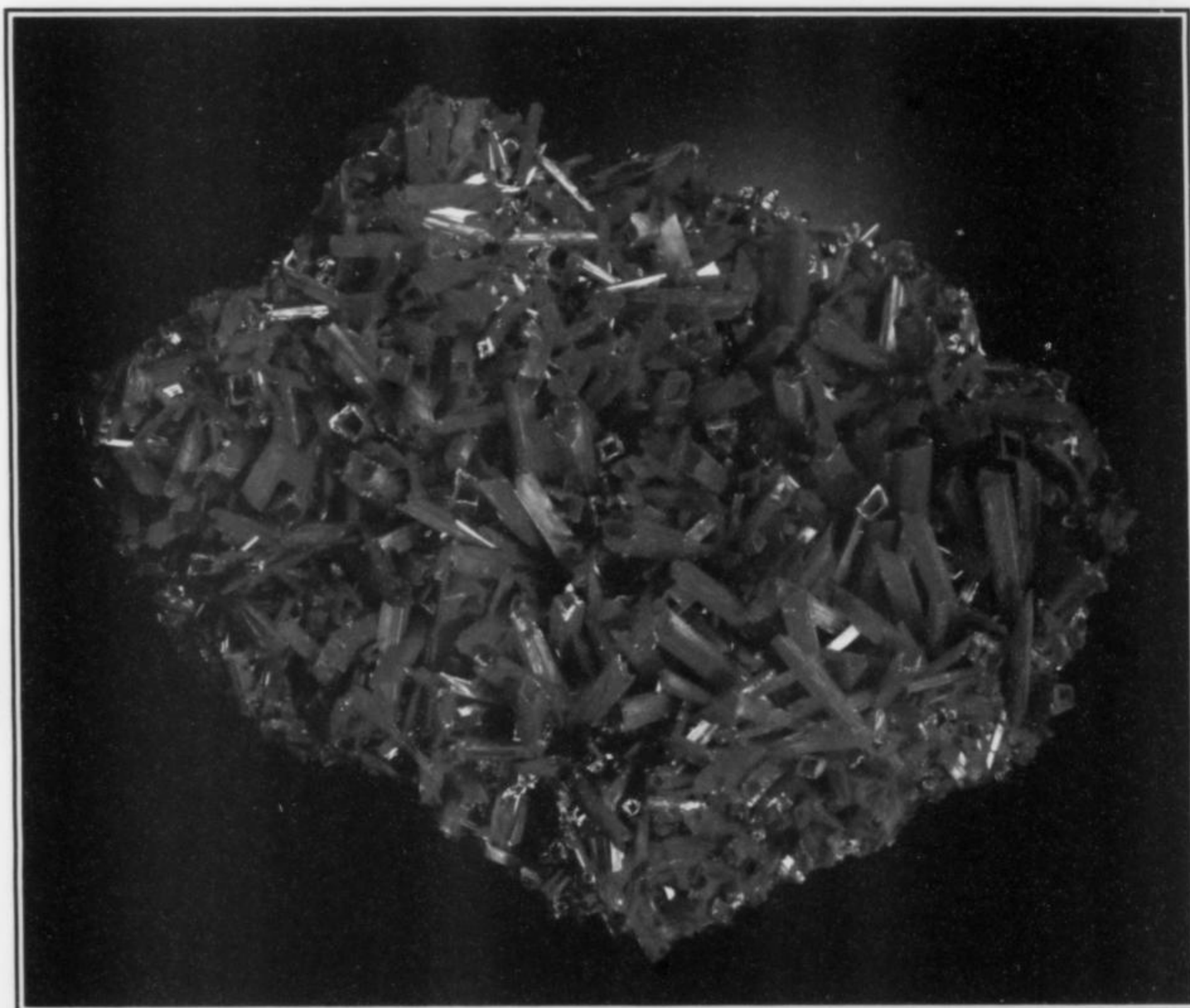
Chalcoalumite on azurite,
20 cm, Lavender pit, Bisbee,
Cochise County, Arizona.
Ex Academy of Natural
Science, Philadelphia
Joe Budd photo.

(lower right) Mimetite, 15 cm,
Elura mine, Cobar, New South Wales,
Australia. Joe Budd photo.

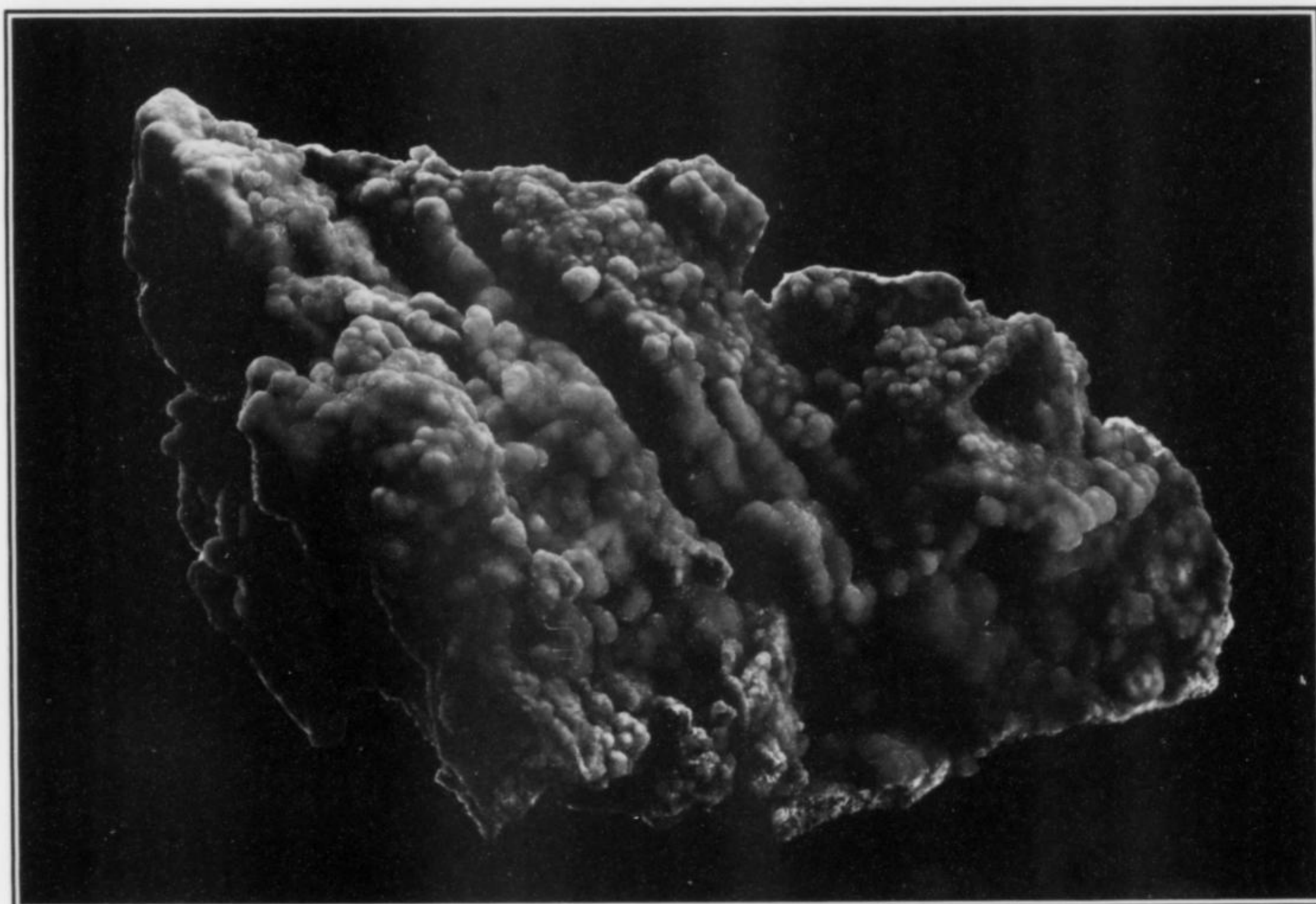
Elbaite with lepidolite and
albite, 31 cm, Pederneira mine,
São José da Safira, Minas
Gerais, Brazil. Joe Budd photo.



Crocoite, 19.8 cm, Adelaide mine, Dundas, Tasmania, Australia. Jeff Scovil photo.



Hemimorphite, 20.2 cm, Wenshan mine, Yunnan, China. Joe Budd photo.

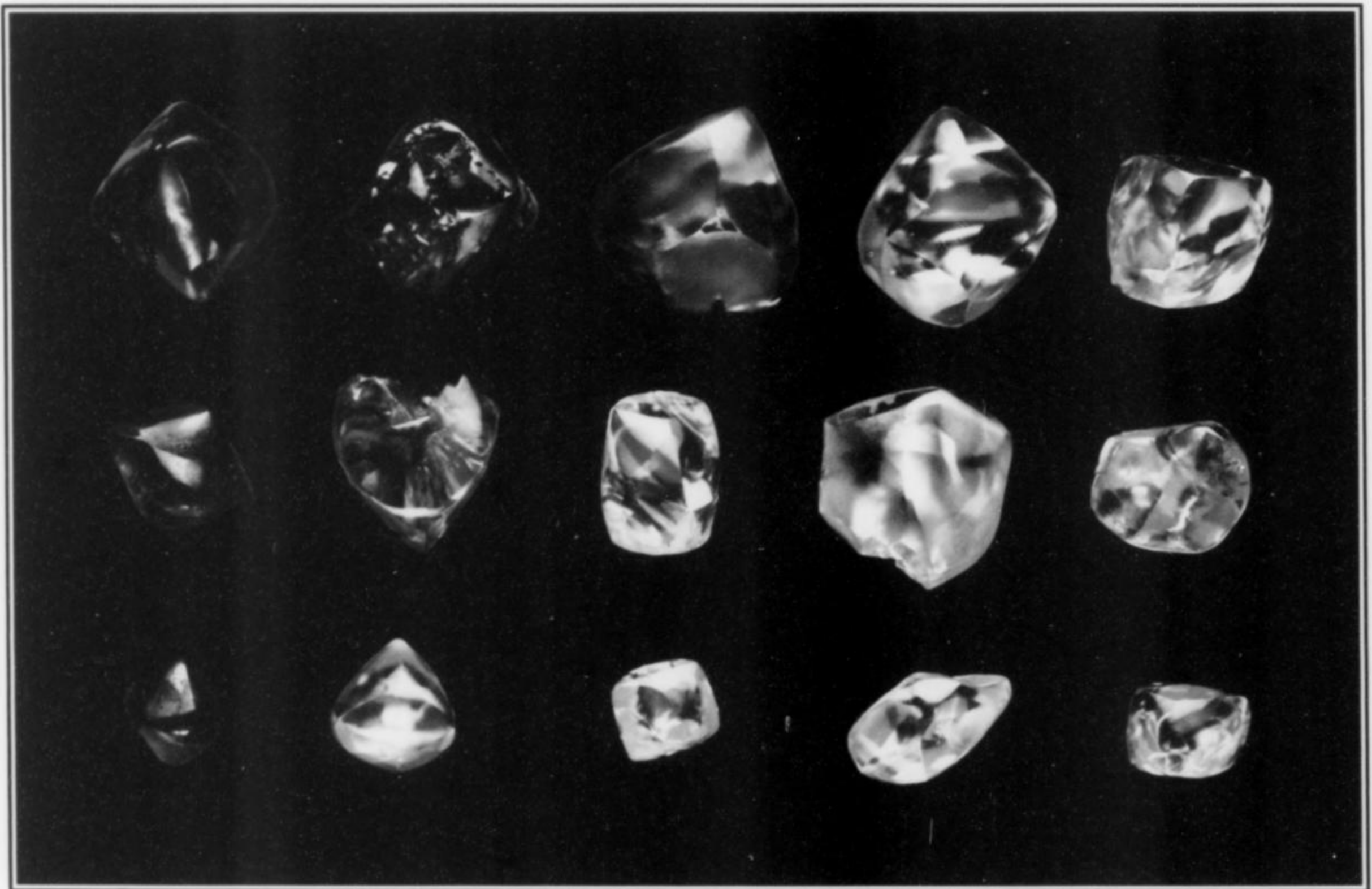


Shelly & Jim Houran



Jim's interest began very early due the encouragement of a neighbor—a serious lapidary—whose basement workshop was part archive, part wonder-emporium. Jim was fortunate to have wonderful mentors and an active gem and mineral club in our hometown of Decatur, Illinois. Shelly's background in anthropology and museum studies naturally complemented Jim's collector instincts. Our common spirit for preserving and appreciating art and history focused both Shelly's skills and Jim's passion into building different gemstone collections. Each of these was characterized by aesthetic material and careful provenance that lent itself to educational exhibits and articles.

Our personal collection focuses on "mineralogical jewels"—gem crystals with a combination of rarity, aesthetics, quality and preferably an interesting or important provenance. While we prefer thumbnails, we are also guilty of being unable to resist the occasional miniature-size crystal or matrix specimen if the aesthetics grab us. We live in Grapevine, Texas with our three young children. Jim is a psychologist and author, and Shelly is a College Student Affairs Administrator. Both are active and proud members of the Mineralogical Association of Dallas.

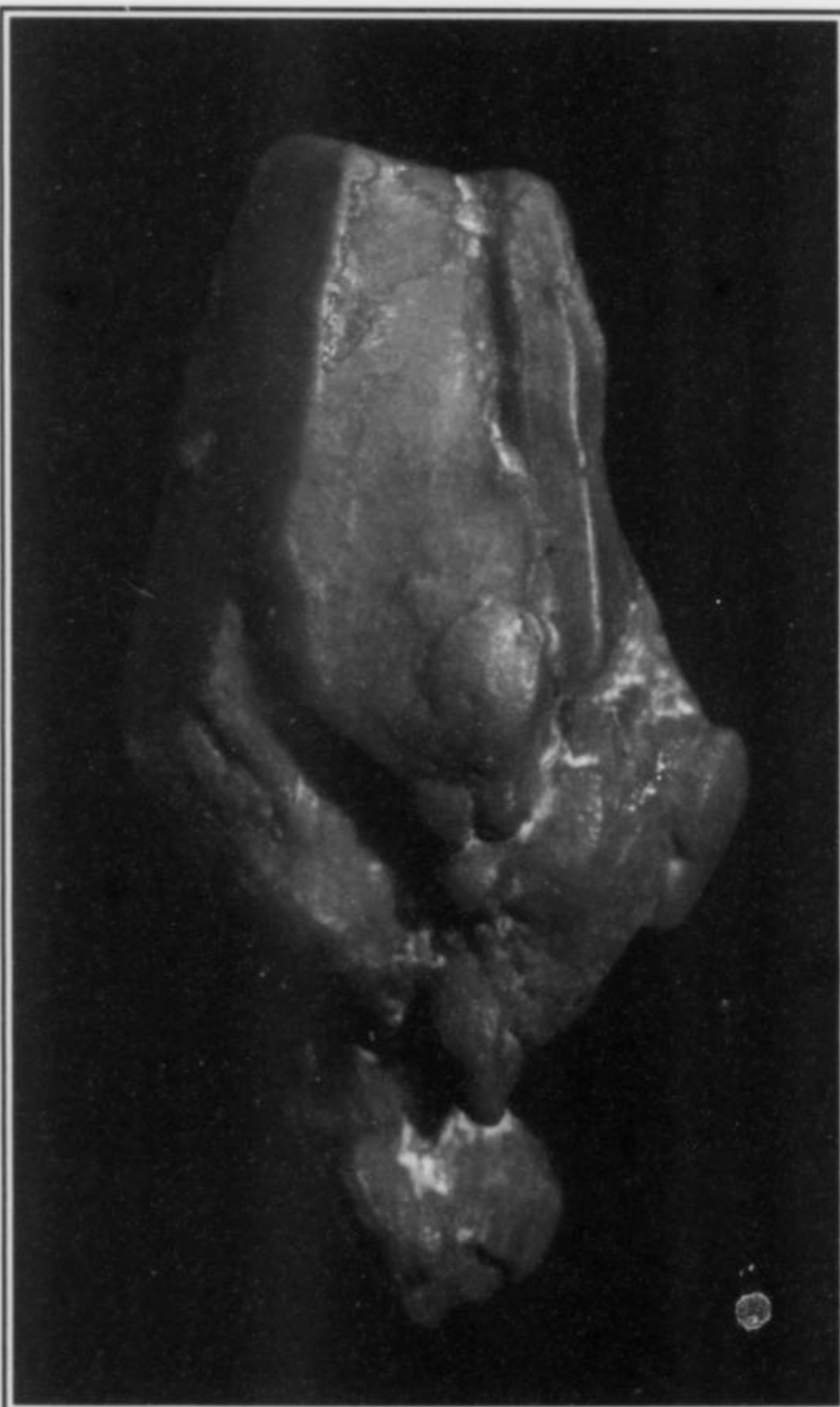
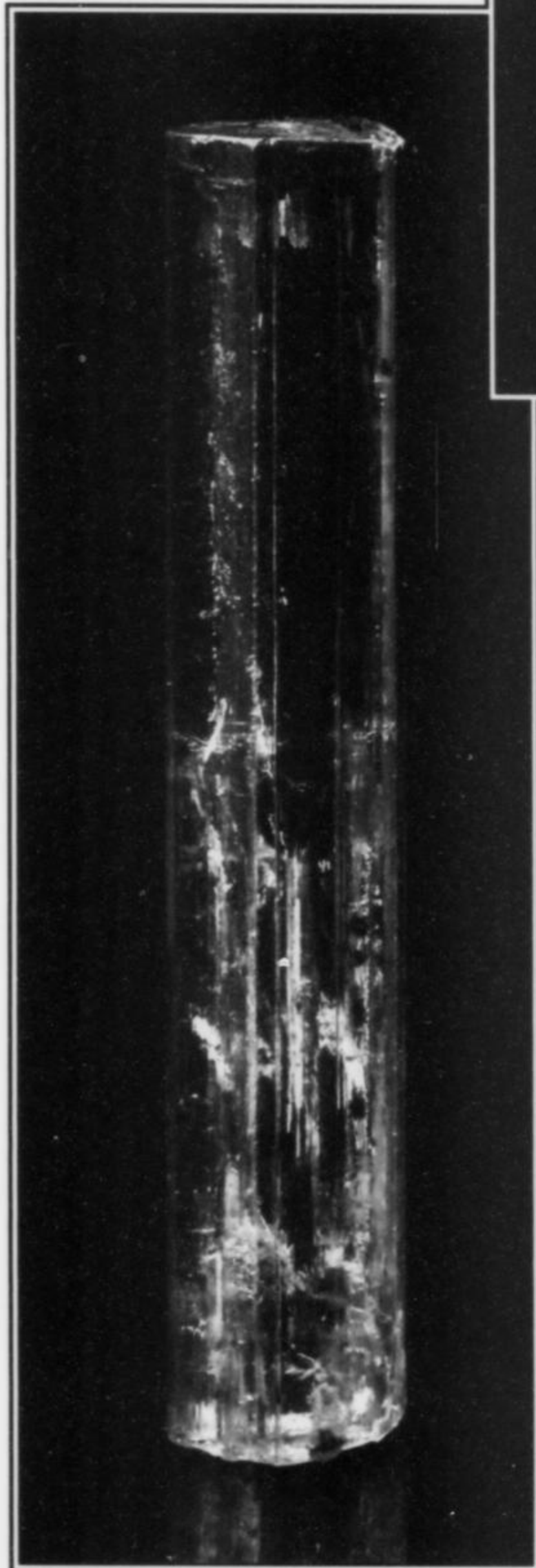


Diamond, 8 to 14 mm, Crater of Diamonds State Park, Pike County, Arkansas. Joe Budd photo.

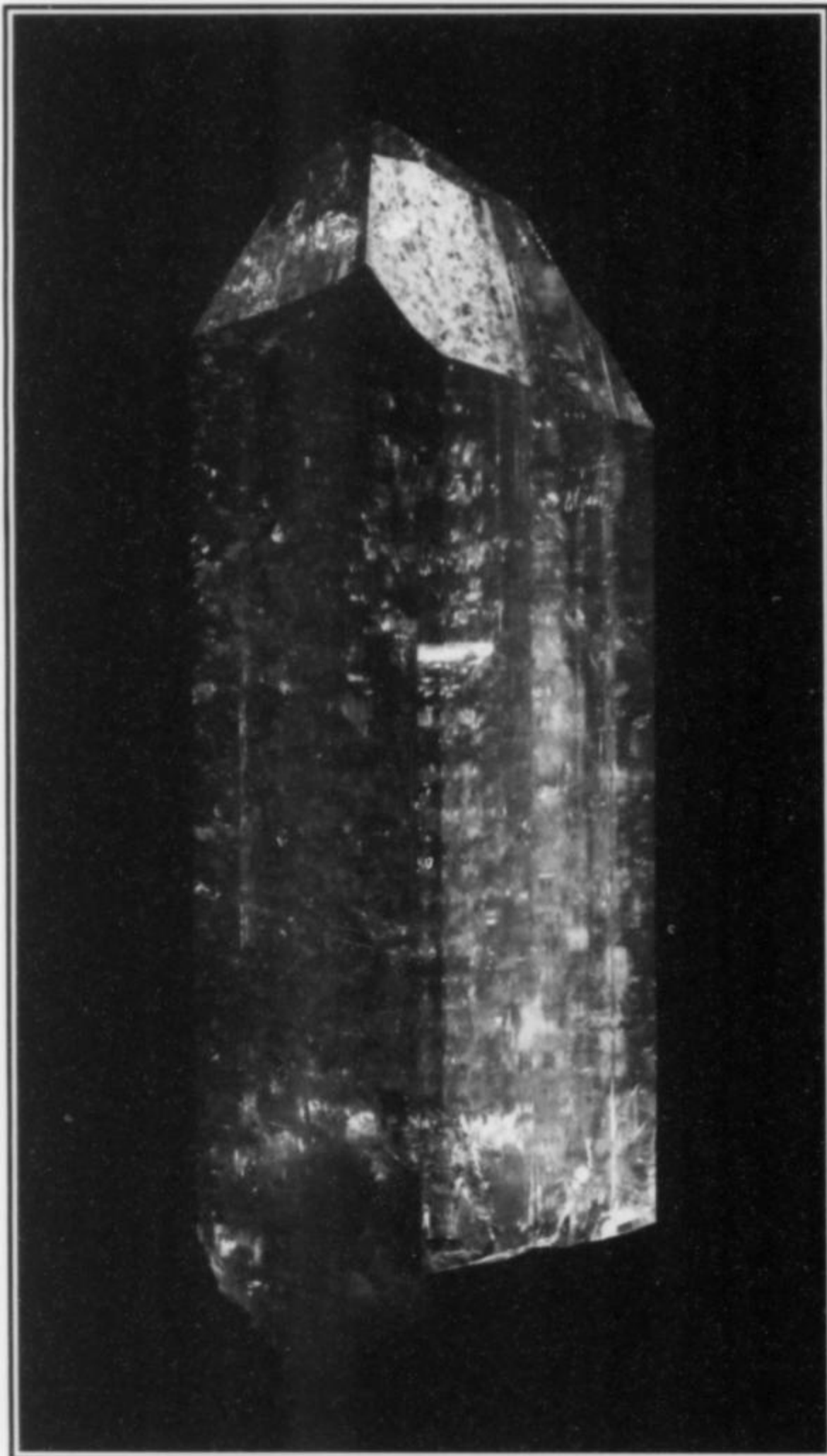
Quartz (rose) on albite,
5.2 cm, Pitorra mine,
Minas Gerais, Brazil. Ex
Marty Zinn collection.
Joe Budd photo.



Aquamarine beryl, 3.4 cm,
Mourne Mountains, County
Down, Ireland. Ex Tony Jones,
Tim Sherburn collections.
Joe Budd photo.



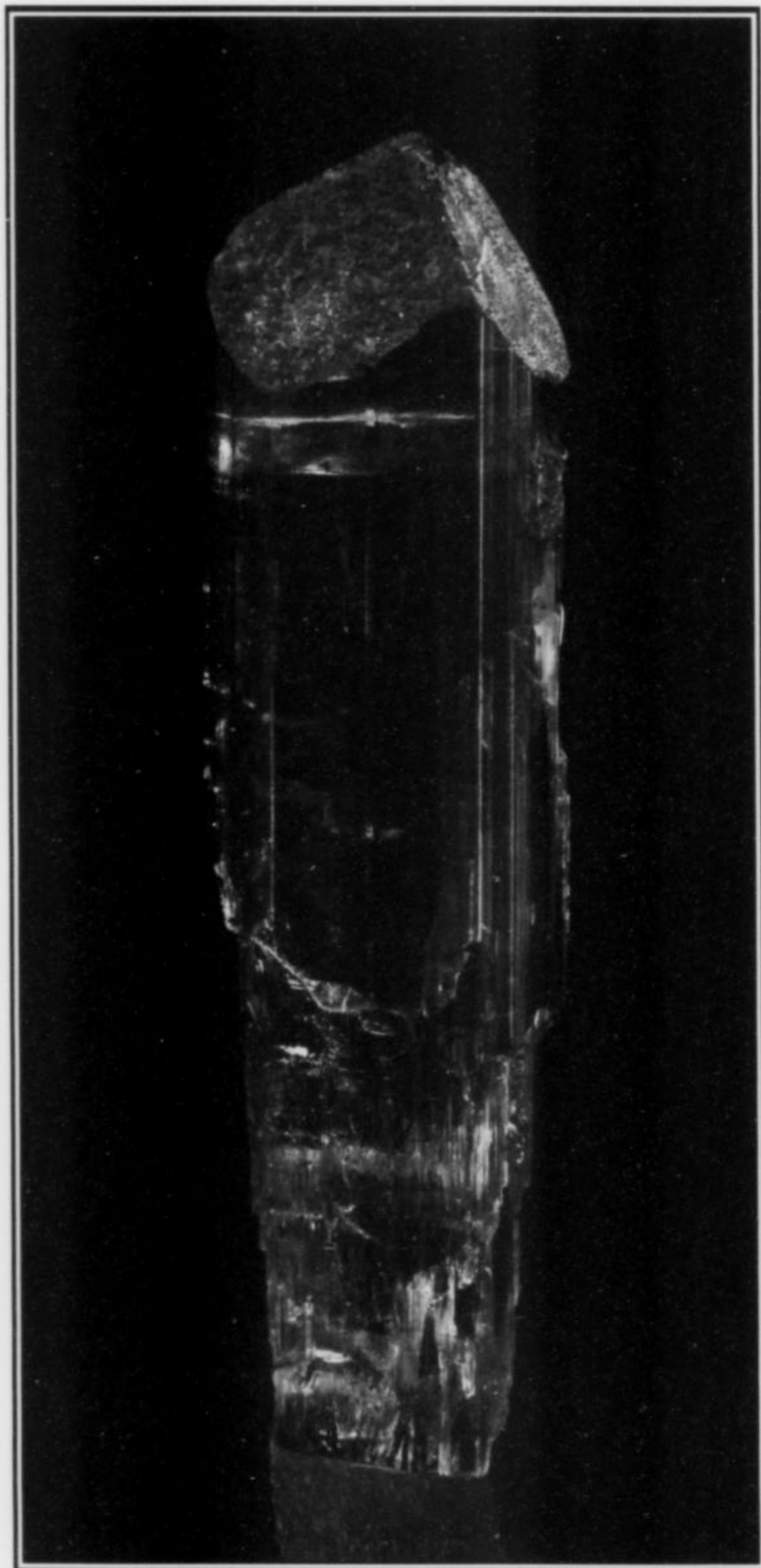
Turquoise
(pseudomorph after
apatite), 2.2 cm,
Dusty Tim No. 1
mine, Mina, Mineral
County, Nevada. Ex
John Sinkankas, Jim
and Dawn Minette
collections. Jeff
Scovil photo.

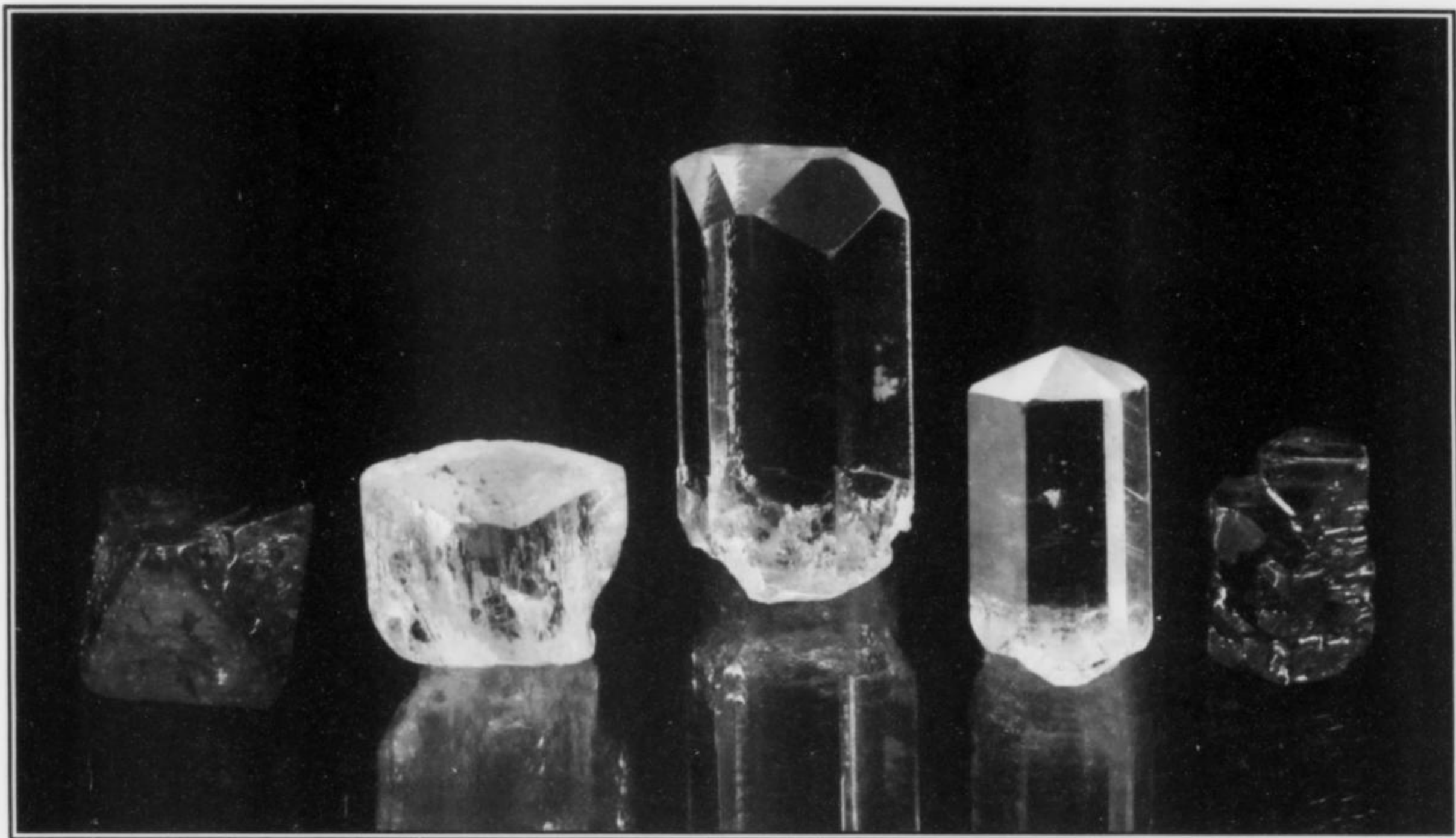


Euclase, 3.7 cm, Ouro Preto, Minas Gerais, Brazil. Joe Budd photo.

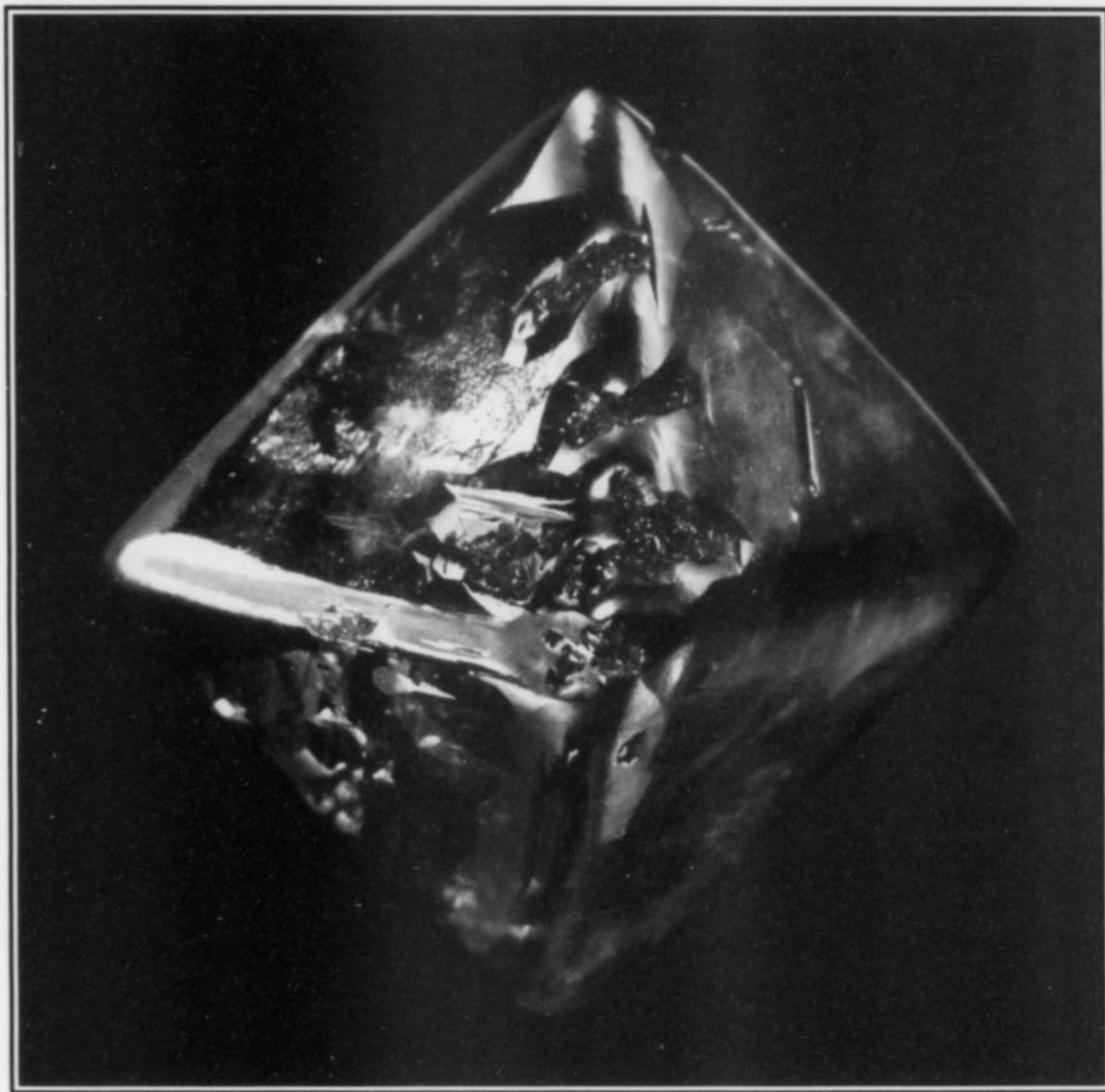
(below left) Quartz (smoky) closed gwindel, 3 cm, Swiss Alps. Ex Ralph D. Clark collection. Jeff Scovil photo.

Elbaite (copper-rich), 3.2 cm, São José da Batalha, Paraíba, Brazil. Joe Budd photo.

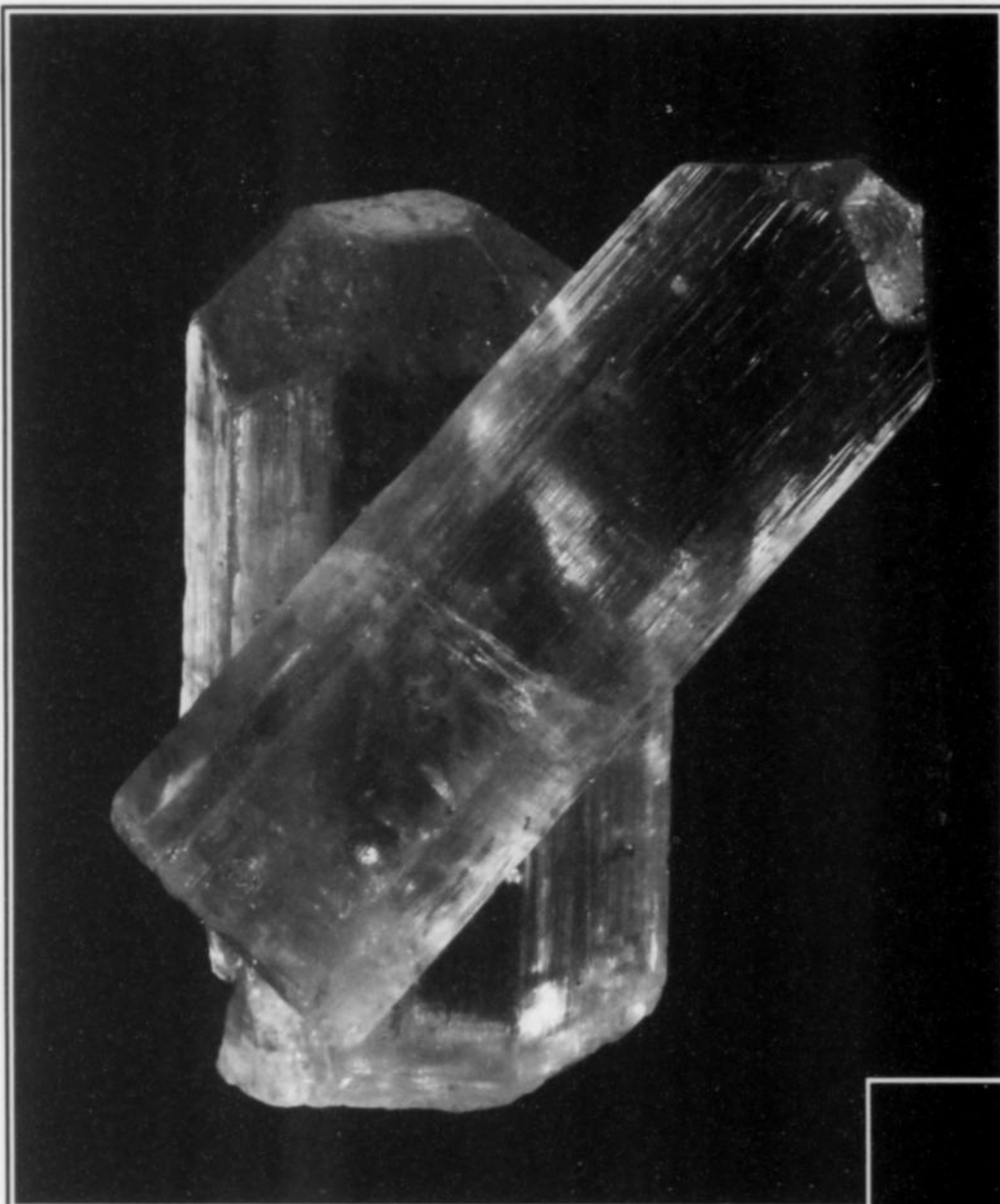




(above) Spinel (2 cm), danburite (1.8 cm), goshenite beryl (3.4 cm), phenakite (2.2 cm) and ruby corundum (1.6 cm), Mogok Stone Tract, Burma. Ex Bill Larson collection. Joe Budd photo.

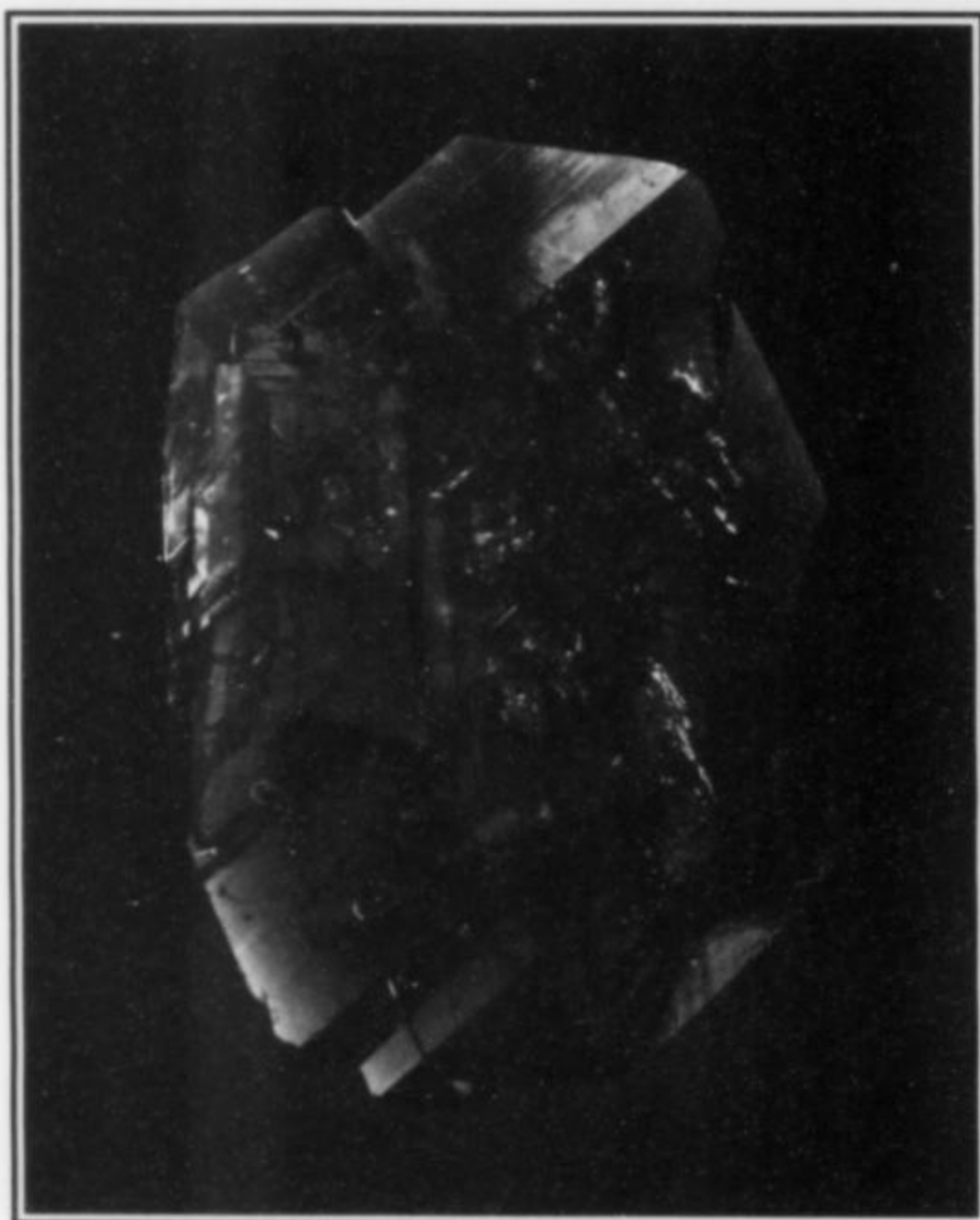
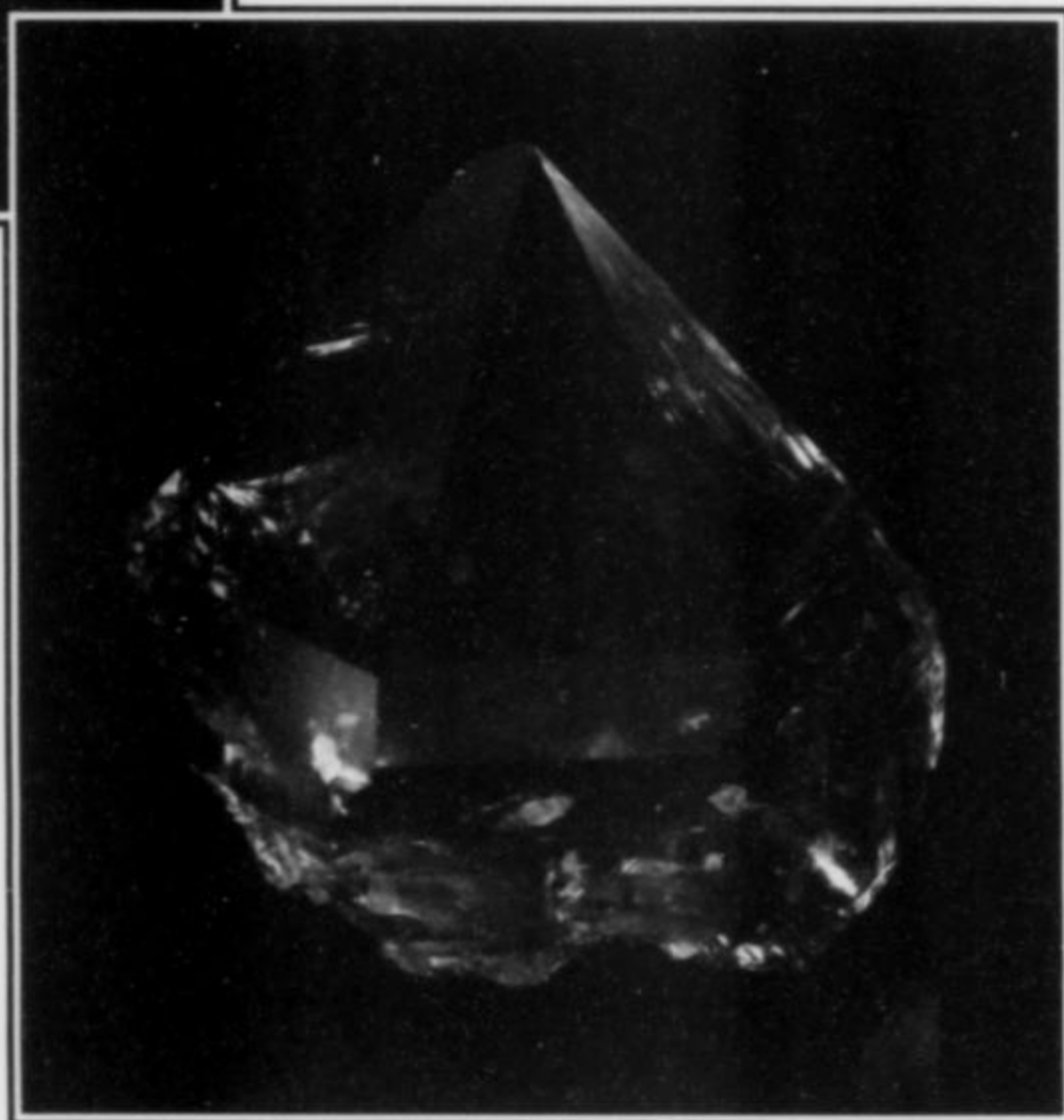


Damien, the Houran family's 11-year-old collector, also loves gem crystals. His collection includes this 1.4 cm diamond crystal from the Argyle mine, Kimberley, Western Australia, Australia. Jeff Scovil photo.

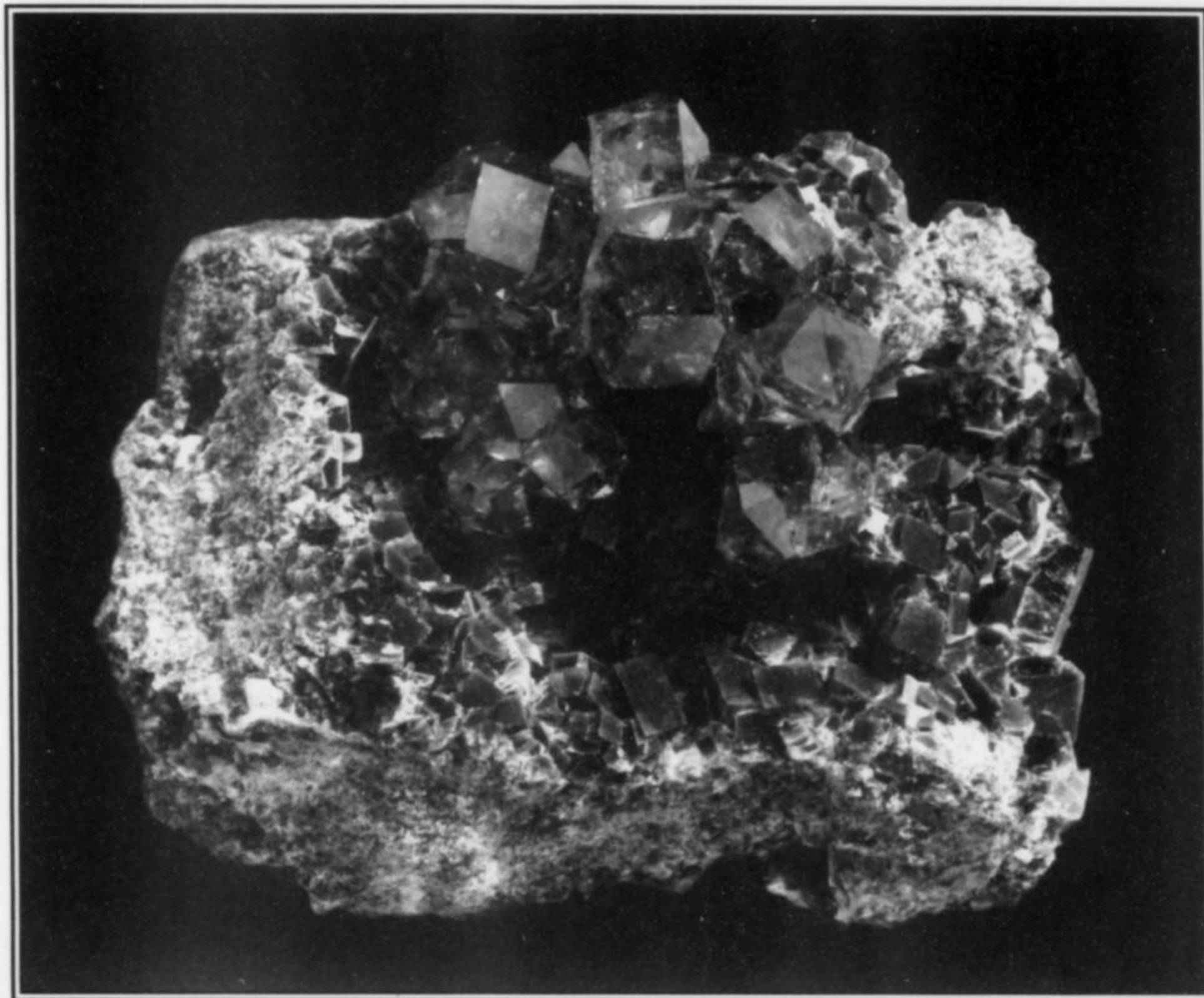


**Emerald beryl, 2.6 cm,
Jos Plateau, Plateau State,
Nigeria. Jeff Scovil photo.**

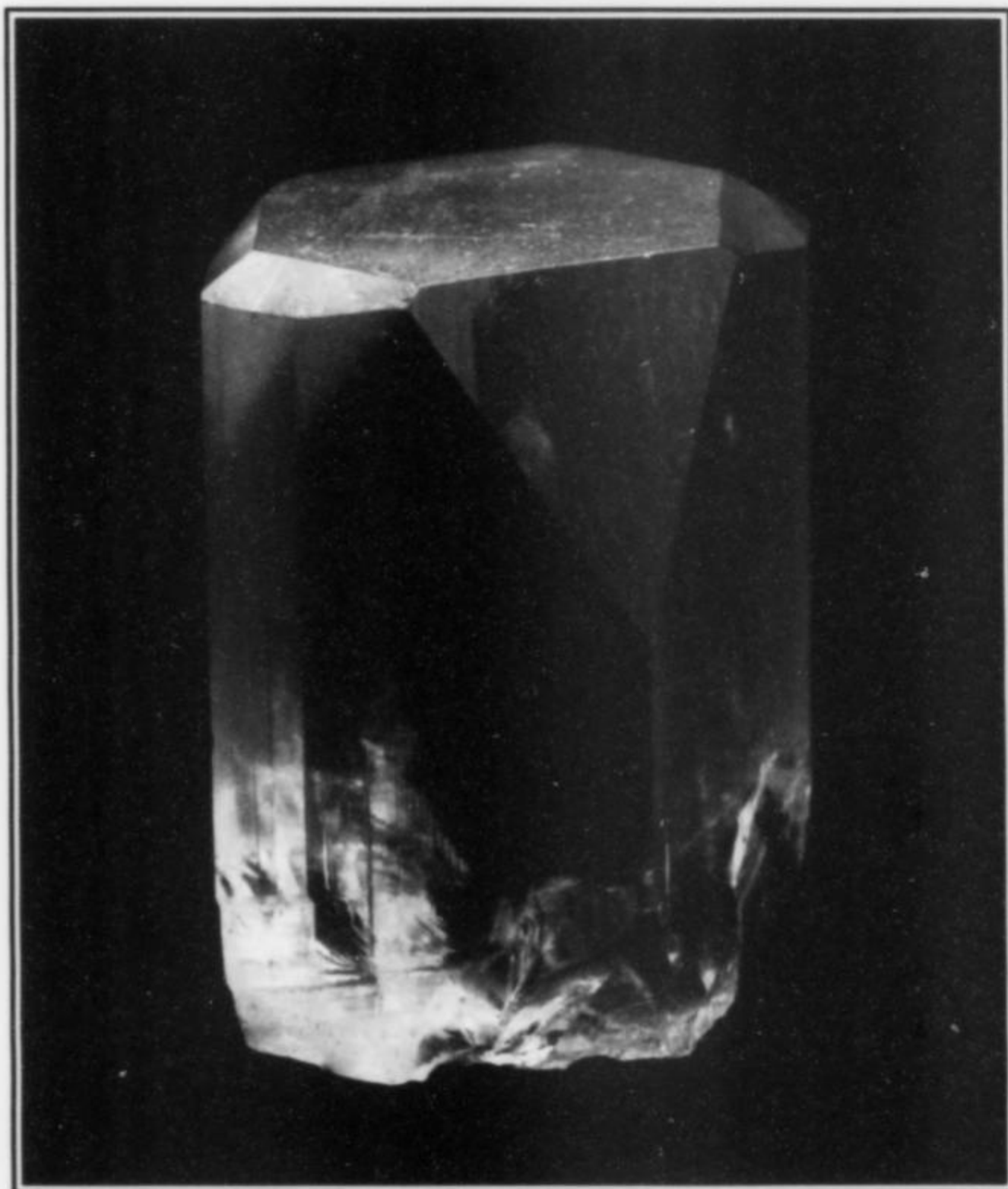
**Amethystine quartz,
5 cm, Jackson's Crossroads,
Wilkes County, Georgia.
Joe Budd photo.**



**Axinite-(Fe), 3.1 cm, Polar Urals,
Siberia, Russia. Ex Tom Gressman
collection. Joe Budd photo.**



Grossular on diopside, 3.8 cm,
Vesper Peak, Snohomish County,
Washington. Jeff Scovil photo.



Topaz, 3 cm, Murzinka, Ural Mountains,
Russia. Ex Mel and Grace Dyck
collection. Joe Budd photo.

Jim & Imelda Klein

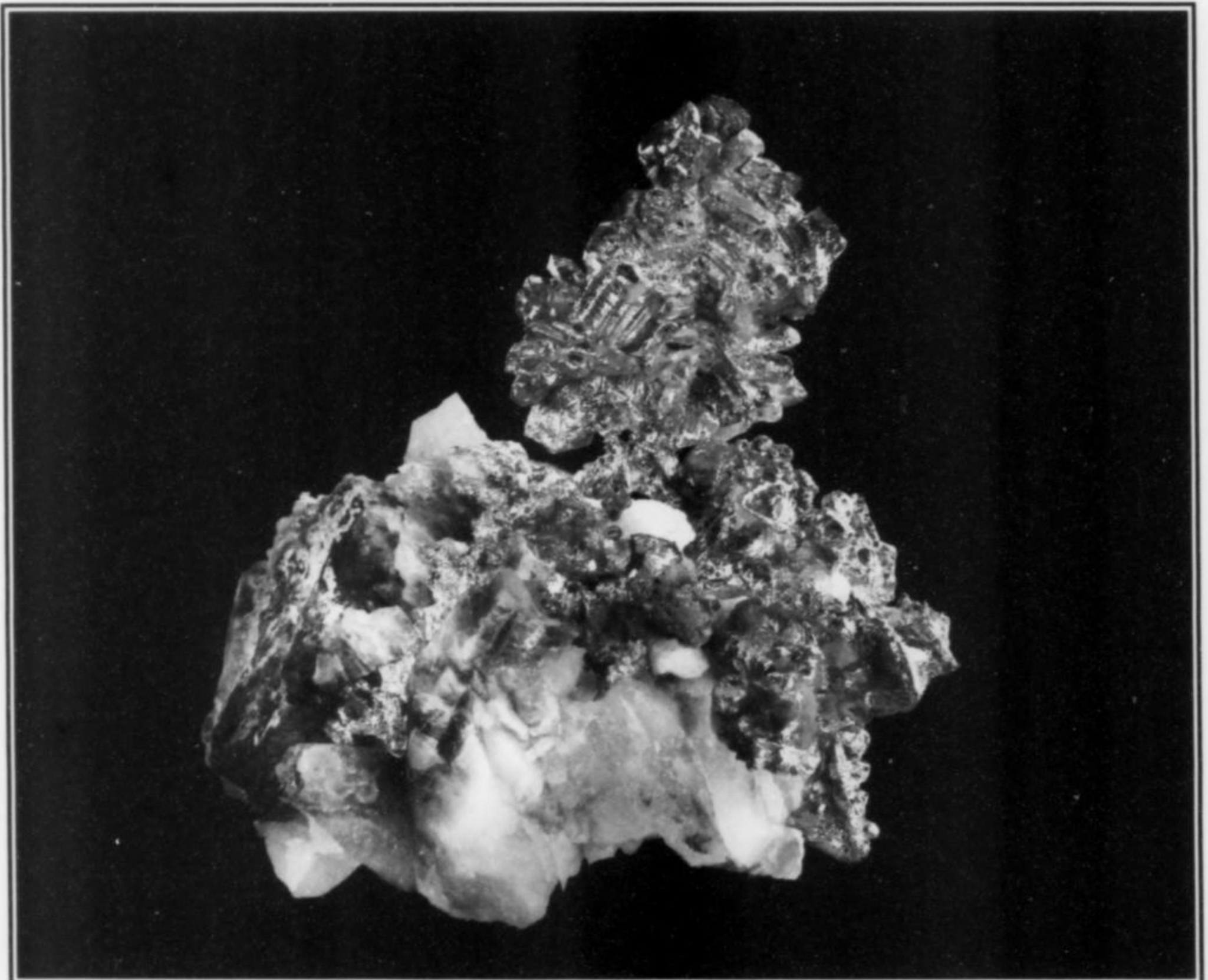


Although Jim had always had an interest in minerals, we did not become serious about collecting until we moved to Texas in 1984, and found ourselves living next door to MAD members Karl Warning and Carol Benzling. As our friendship developed, so did our interest in minerals, and we soon became involved with MAD. Many years later we moved to Houston, and were founding members of HAMS.

Our collecting interest ranges from world-wide, to Mexico (in honor of Imelda's birthplace), to specimens from Jim's boyhood homes, Ouray and Cripple Creek, Colorado. We have a sub-collection of well over 150 pieces from Taxco, Mexico, where we have visited frequently and have become close friends with a local miner, Sr. Guillen. He single-handedly rescued thousands of specimens from the mines over an incredible 50-year career spent working underground.

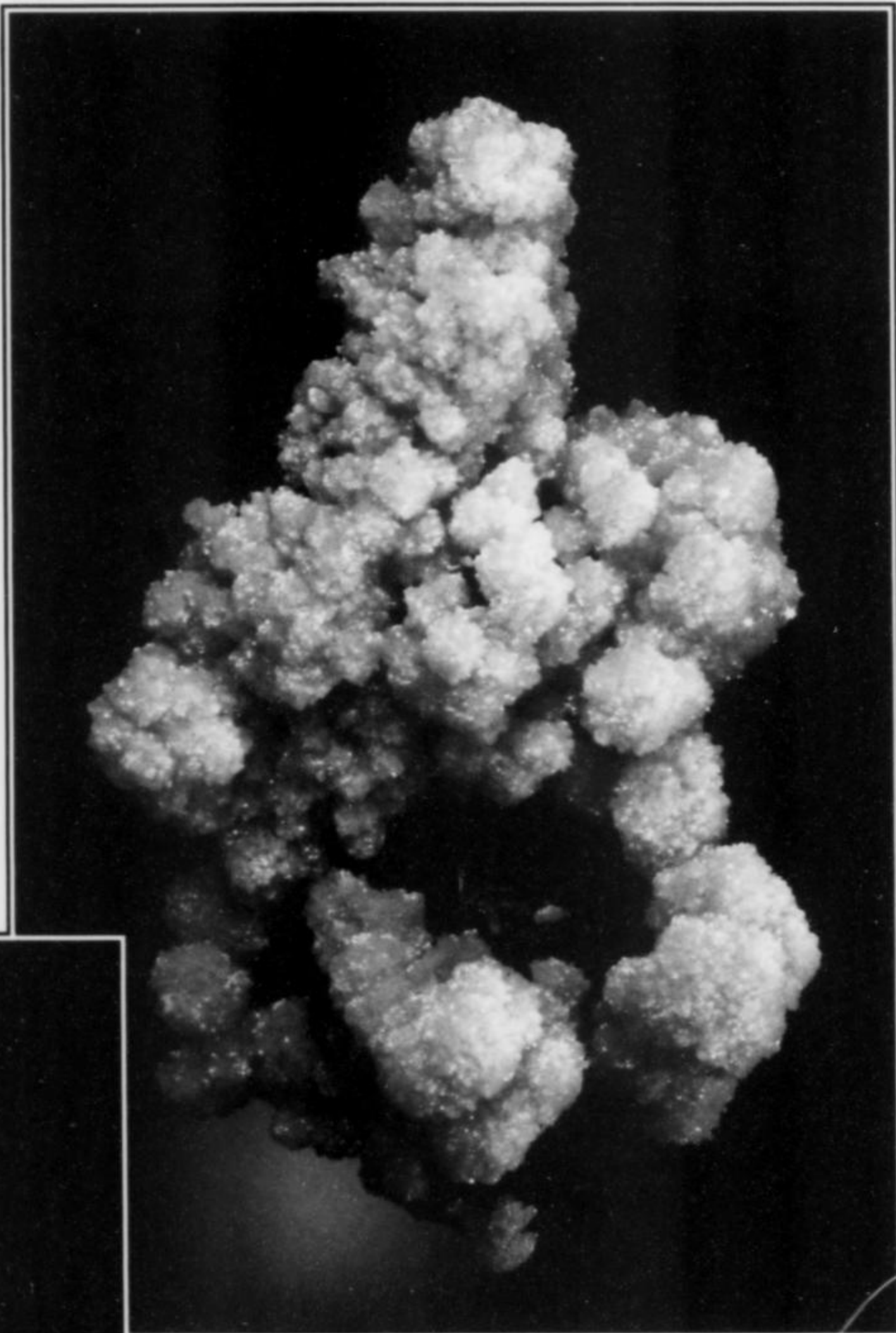
Jim has a weakness for Mexican silver minerals, while Imelda has an eye toward the aesthetic, which was developed during the five years that she worked at the Discovery Store in Dallas. All in all, the greatest enjoyment and reward that we have derived from our mineral hobby are the many good friends that we have made over the years.

Gold on quartz,
5 cm, Colorado
Quartz mine,
Mariposa County,
California. Joe
Budd photo.





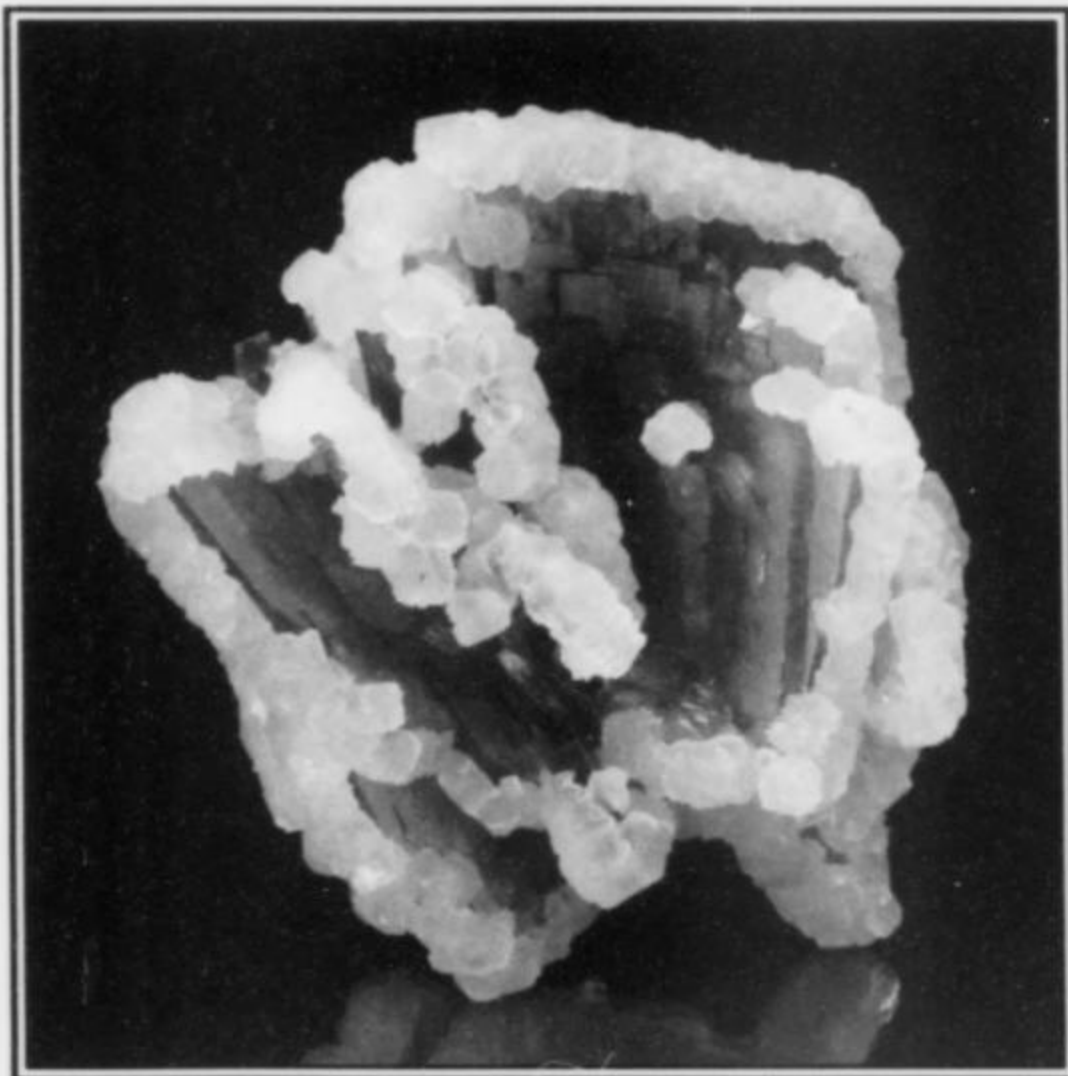
Fluorite on matrix, 10 cm, Nikolaefskiy mine, Dalnegorsk, Primorskiy Kray, Russia.
Front cover of *ExtraLapis* No. 29: "Mineralien Russlands." Jeff Scovil photo.



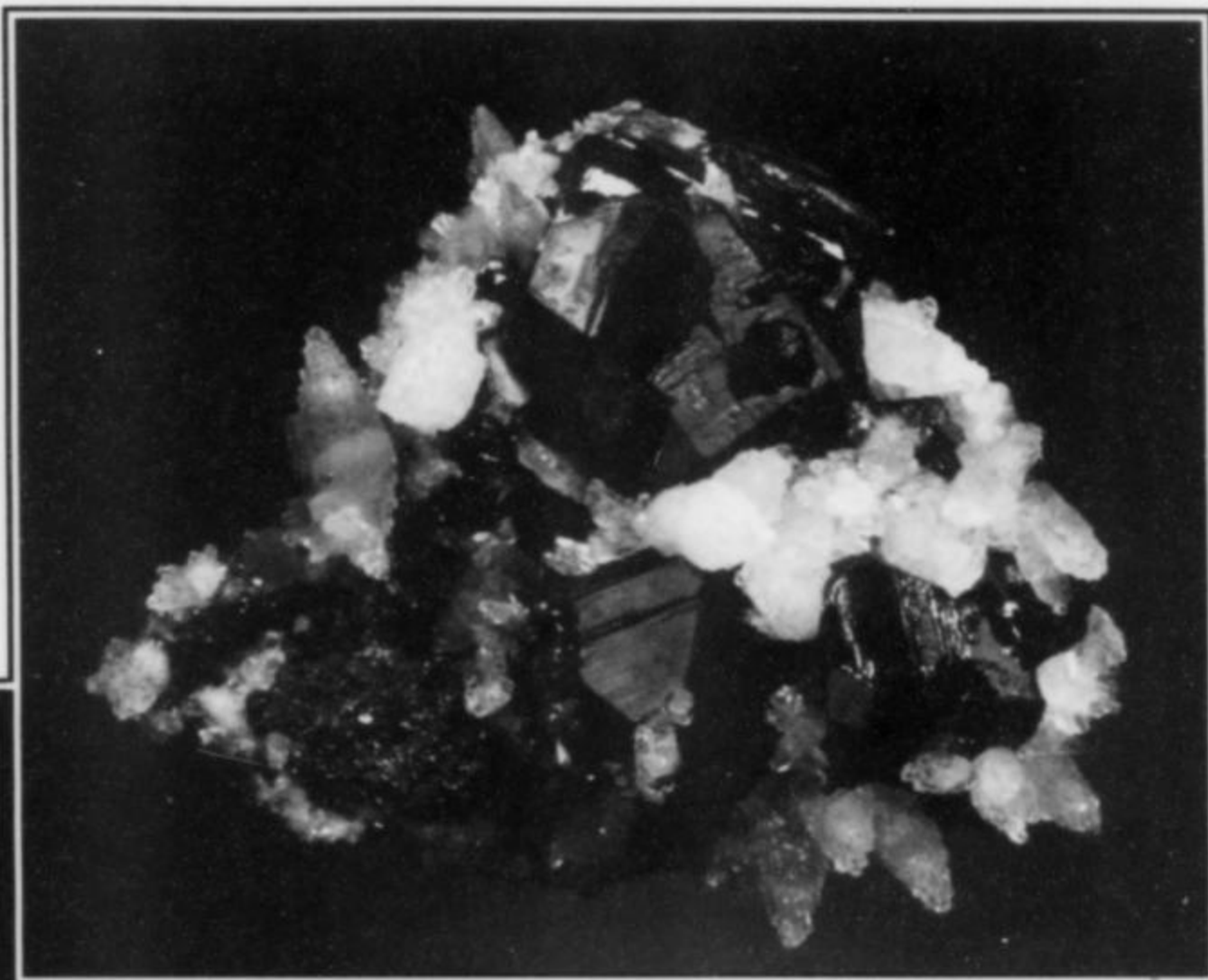
Mimetite, 8 cm, Konbat mine,
Namibia. Jeff Scovil photo.

(above left) Copper (spinel-law twin), 5 cm,
Mine #57, 180-meter level, Dzhezkazgan,
Kazakhstan. Jeff Scovil photo.

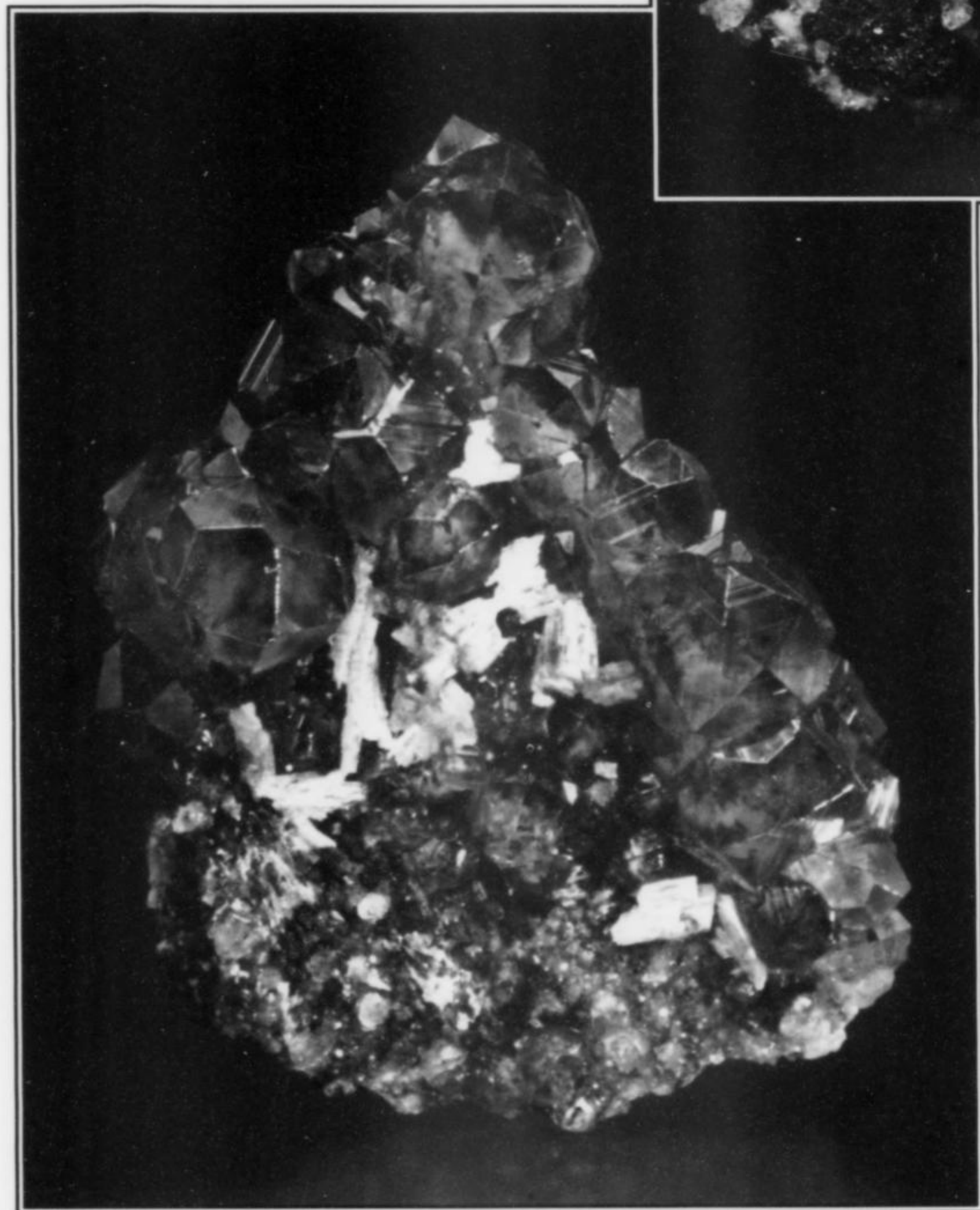
Heliodor beryl, 8 cm,
Volodarsk-Volynskiy,
Ukraine. Jeff Scovil photo.



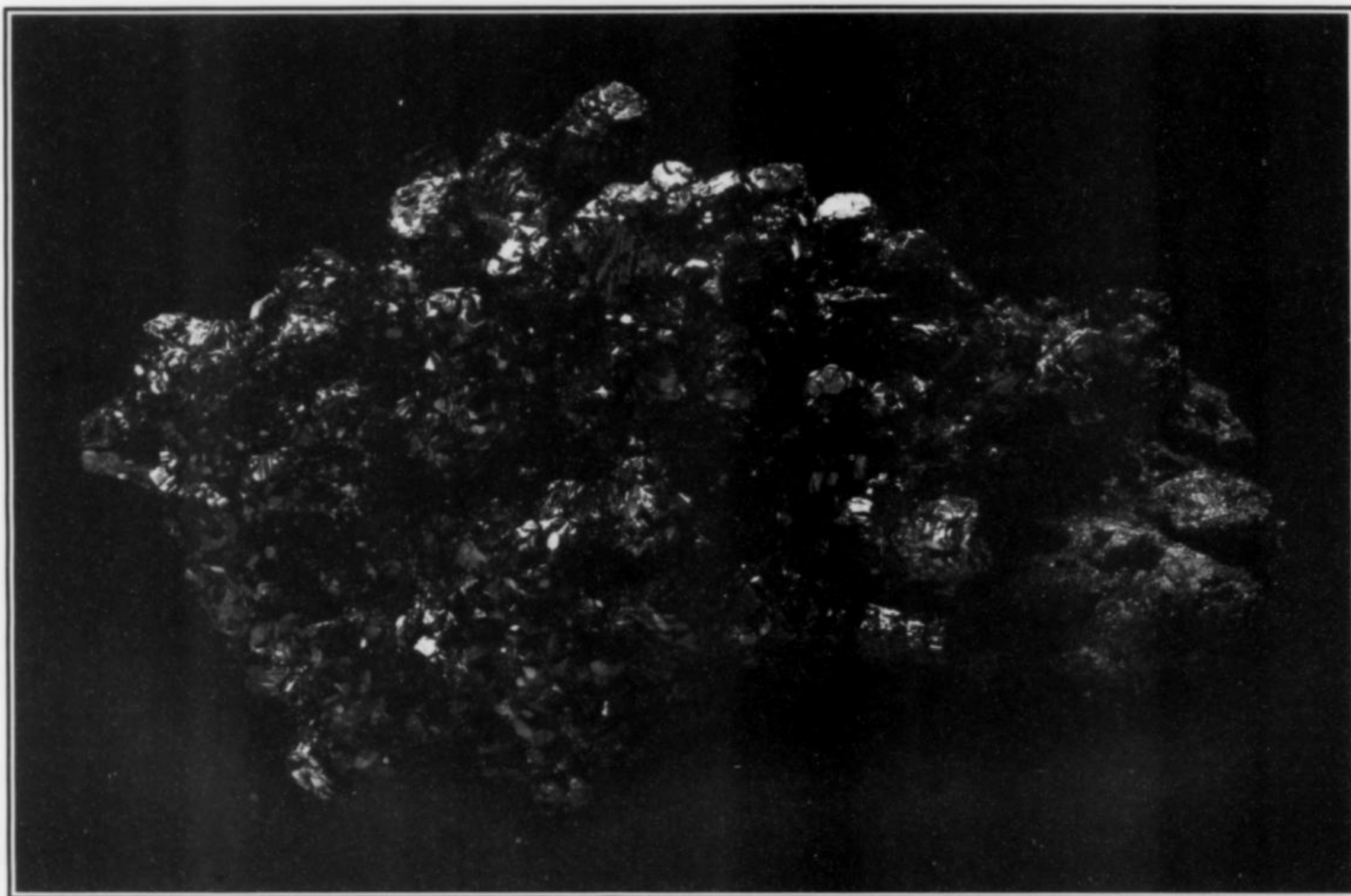
Barite with calcite, 7 cm, Taxco, Guerrero, Mexico.
Ex Marty Zinn collection. Joe Budd photo.



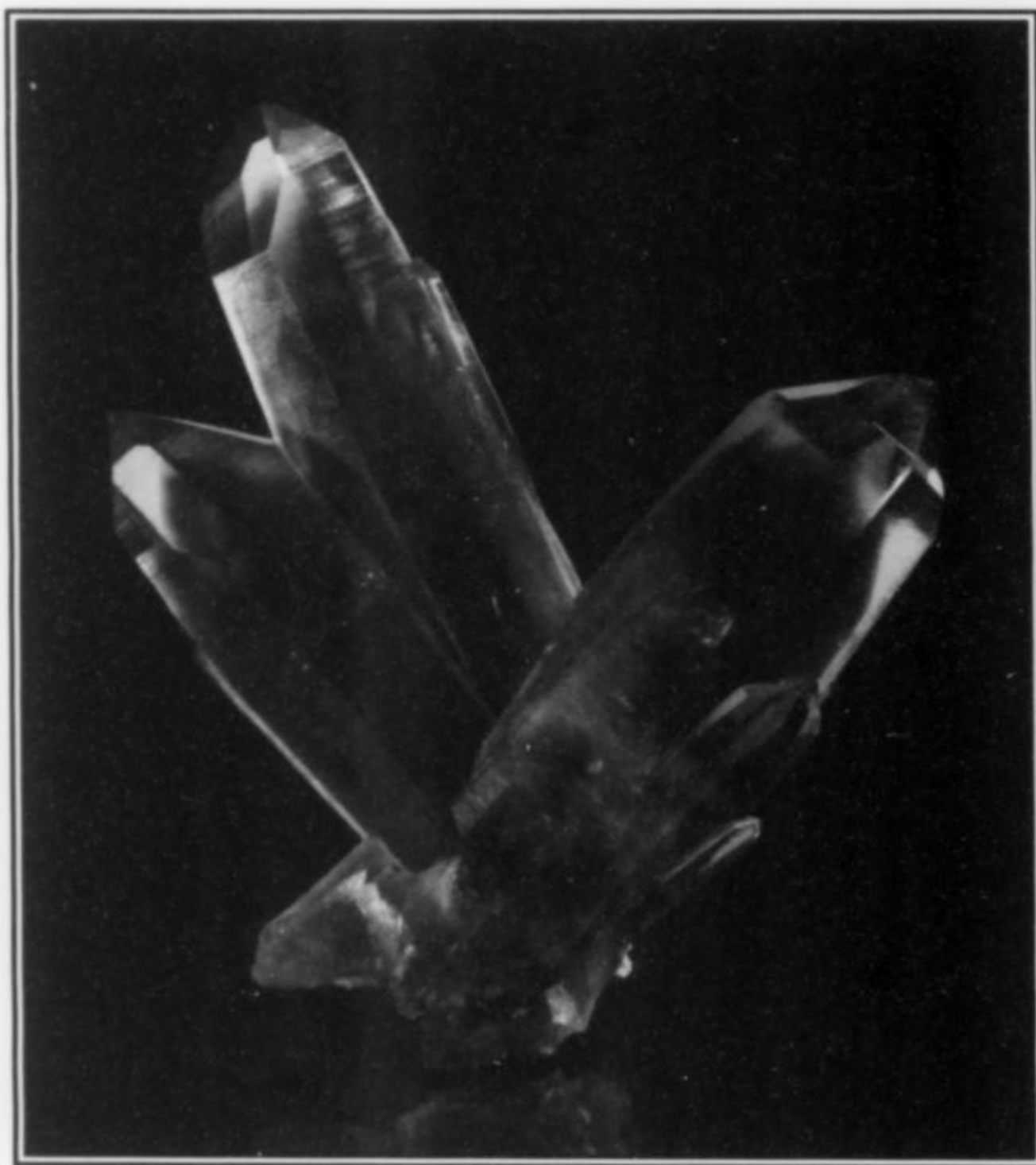
Sphalerite with calcite, 13 cm,
Level 3, Manto Calavera,
Remedios mine, Taxco, Guerrero,
Mexico. Jeff Scovil photo.



Grossular with diopside, 6 cm,
Jeffrey quarry, Asbestos, Quebec,
Canada. Jeff Scovil photo.



Pyrargyrite, 7 cm, Fresnillo, Zacatecas, Mexico. Joe Budd photo.



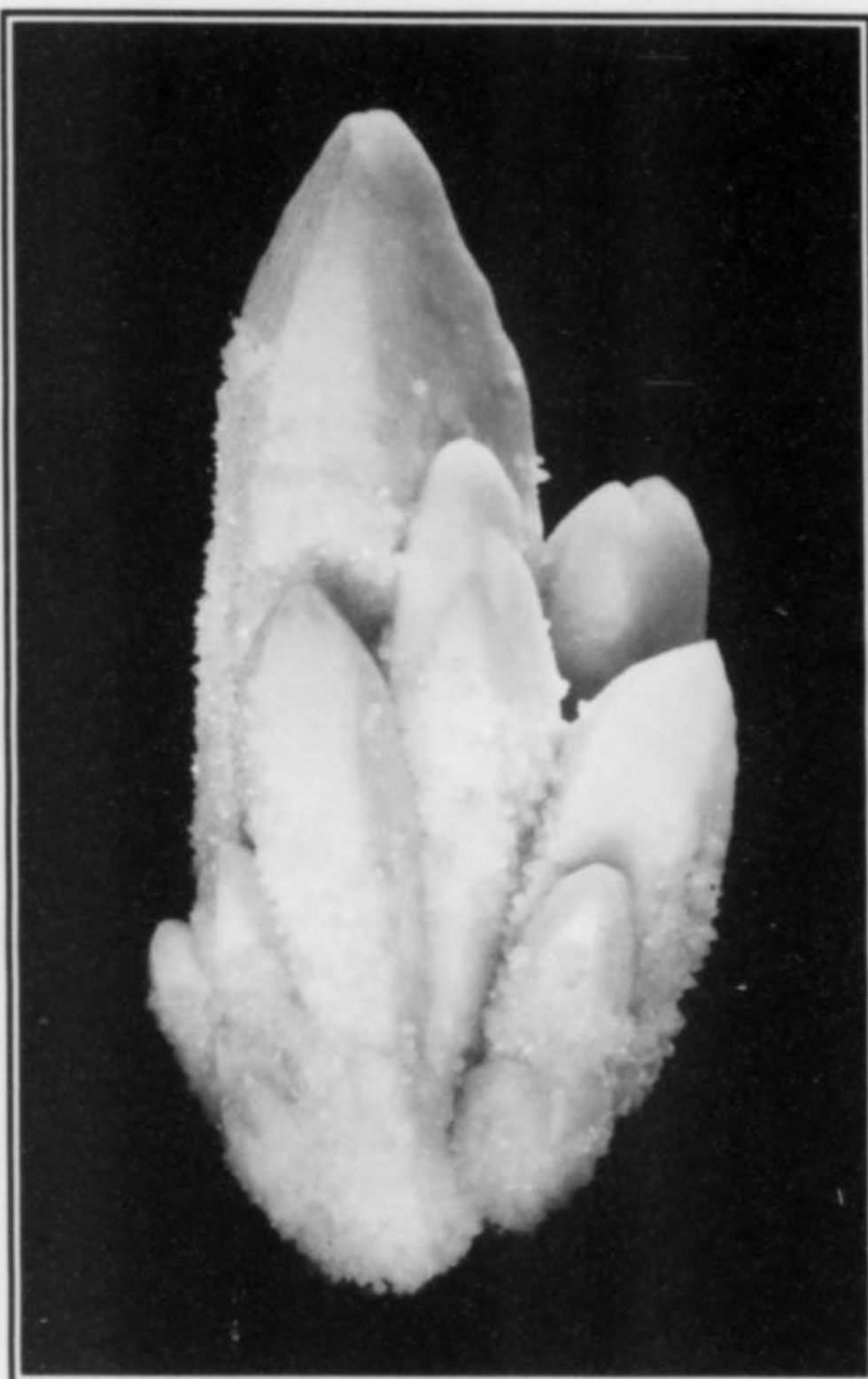
Amethystine quartz, 5 cm, Amatitlán, Guerrero, Mexico. Joe Budd photo.



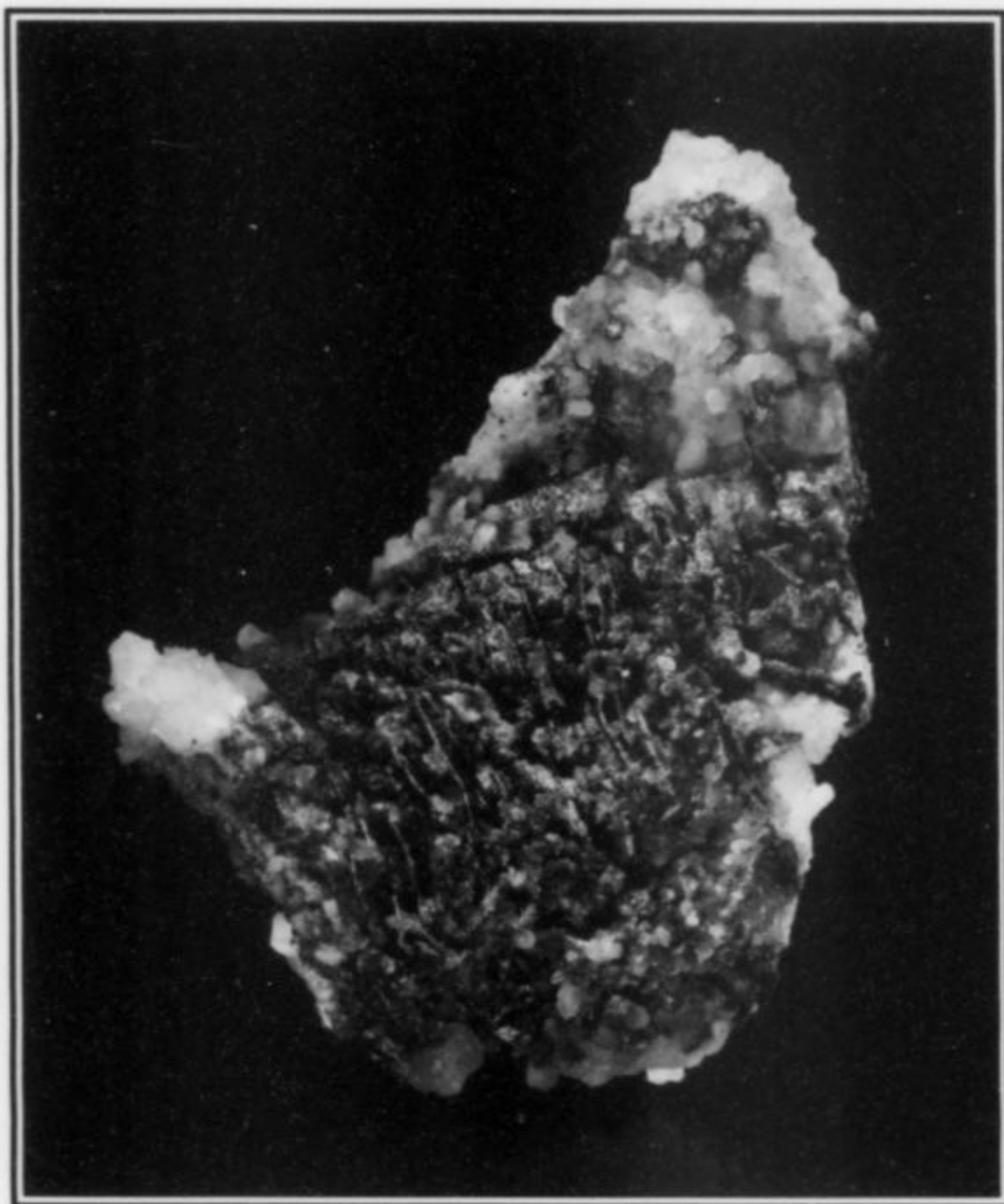
Rhodochrosite with quartz, 6.5 cm, Level 1, Remedios mine, Taxco, Guerrero, Mexico. Jeff Scovil photo.



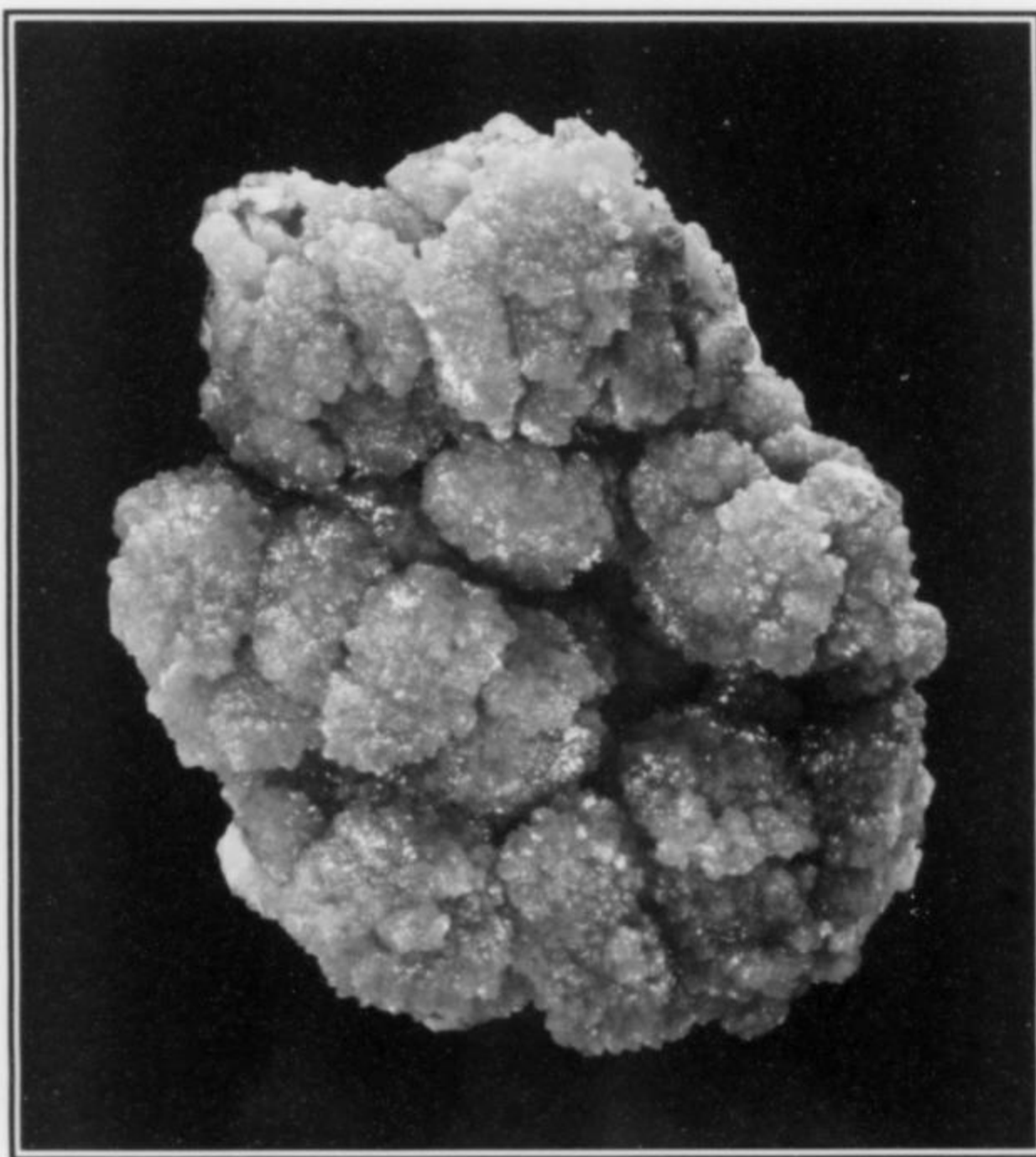
Azurite on malachite, 6.5 cm, Milpillas mine, Cananea district, Sonora, Mexico. Joe Budd photo.



Quartz, 14 cm, Ohio mine, Ouray County, Colorado. Joe Budd photo.



Melonite (after calaverite), 5.5 cm, Cripple Creek, Teller County, Colorado. Ex Phil Scalisi collection. Joe Budd photo.



Mimetite, 6 cm, Santa Eulalia, Chihuahua, Mexico. Joe Budd photo.

Rob Lavinsky

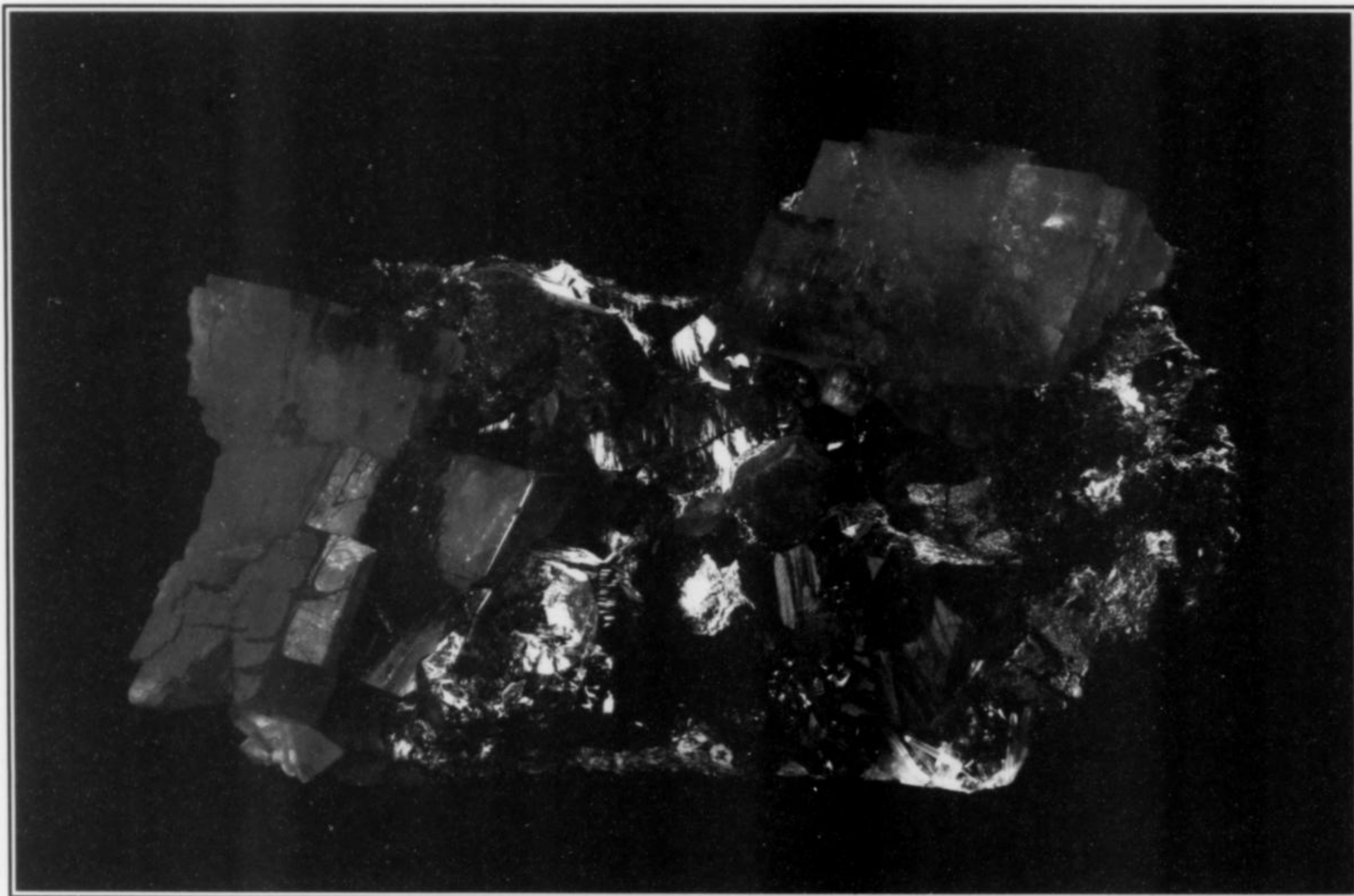


My introduction to minerals came at the age of 12, through the Columbus Mineral Club in Ohio. I was fortunate to have great mentors there, who provided me with a kick-start that has inspired a life-long interest in mineral collecting and the mineral community. I have now collected "rocks" for 24 years but "specimens" for a bit less, a distinction I learned from Peter Bancroft's book, *Gem & Crystal Treasures*.

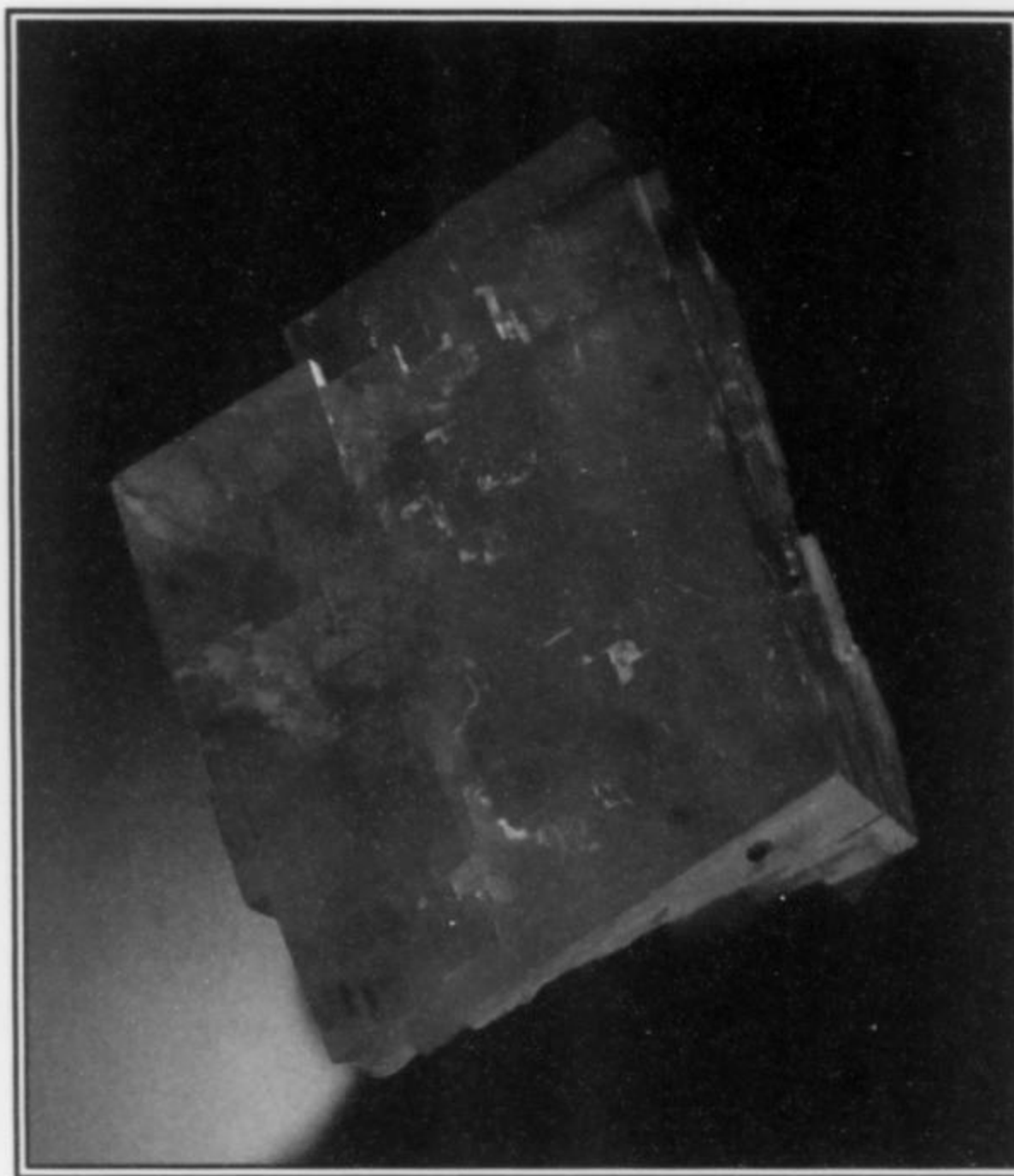
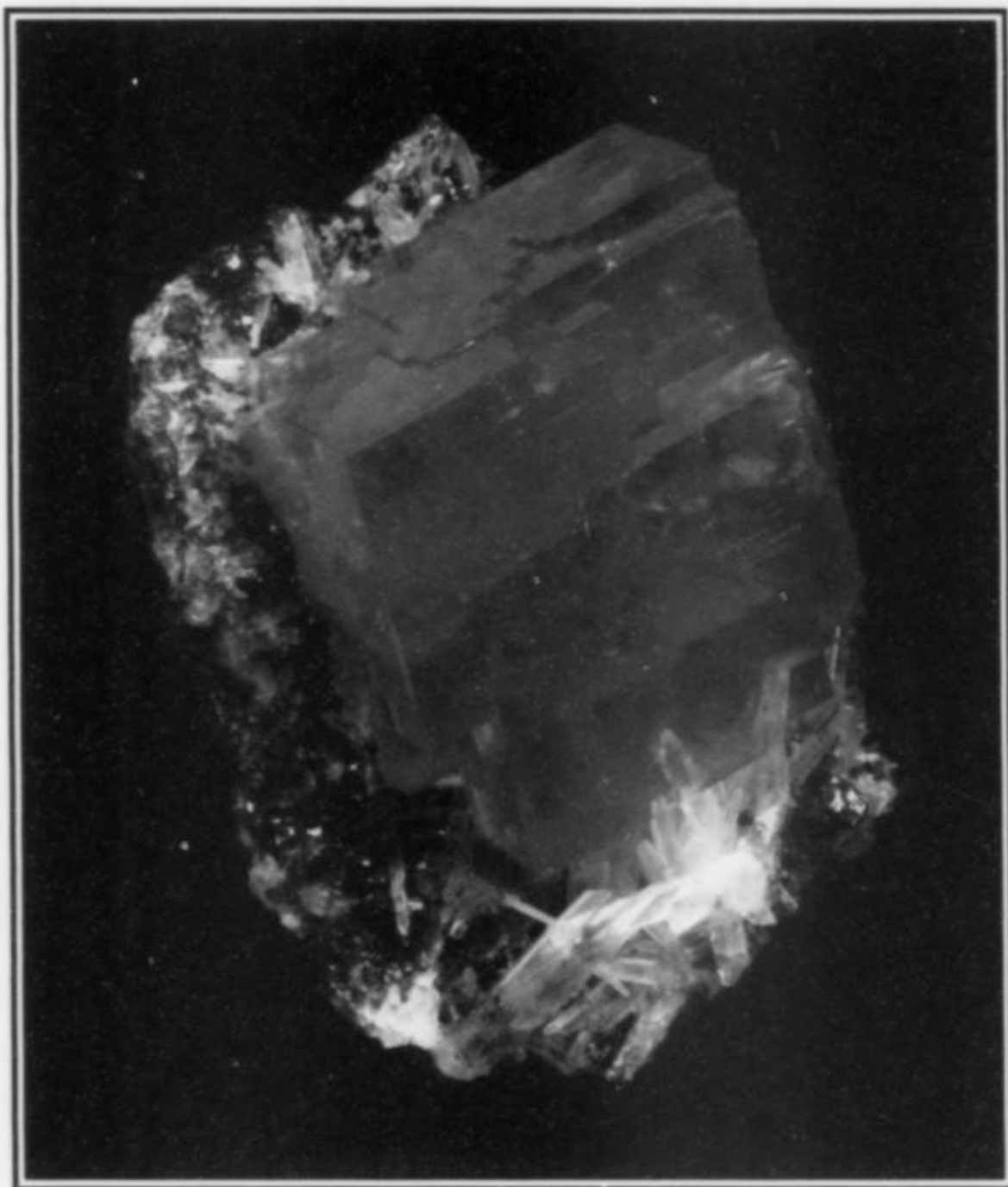
Early on, I discovered a love of self-collecting in the Ohio and Indiana limestone quarries, and I traded what I found, eventually leading to a side business which helped finance my growing calcite collection. By the time I completed a doctorate in molecular genetics, however, my side business had grown into a full-time mineral dealership, *The Arkenstone*.

My personal mineral collection is composed of suites that I find self-reinforcing to focus on: calcites (continuing my childhood collection); Sweet Home rhodochrosites; cabinet-size Chinese specimens (future classics); and a few special gem crystals that I just find mesmerizing.

The MAD group welcomed me when I moved to Dallas in 2002, and I have enjoyed extending that same kind of welcome to new collectors through my website and at shows.



Rhodochrosite on tennantite, 12.5 cm, Graham's pocket, Sweet Home mine, Alma, Park County, Colorado. Ex Bryan Lees and Steve Neely collections. Joe Budd photo.



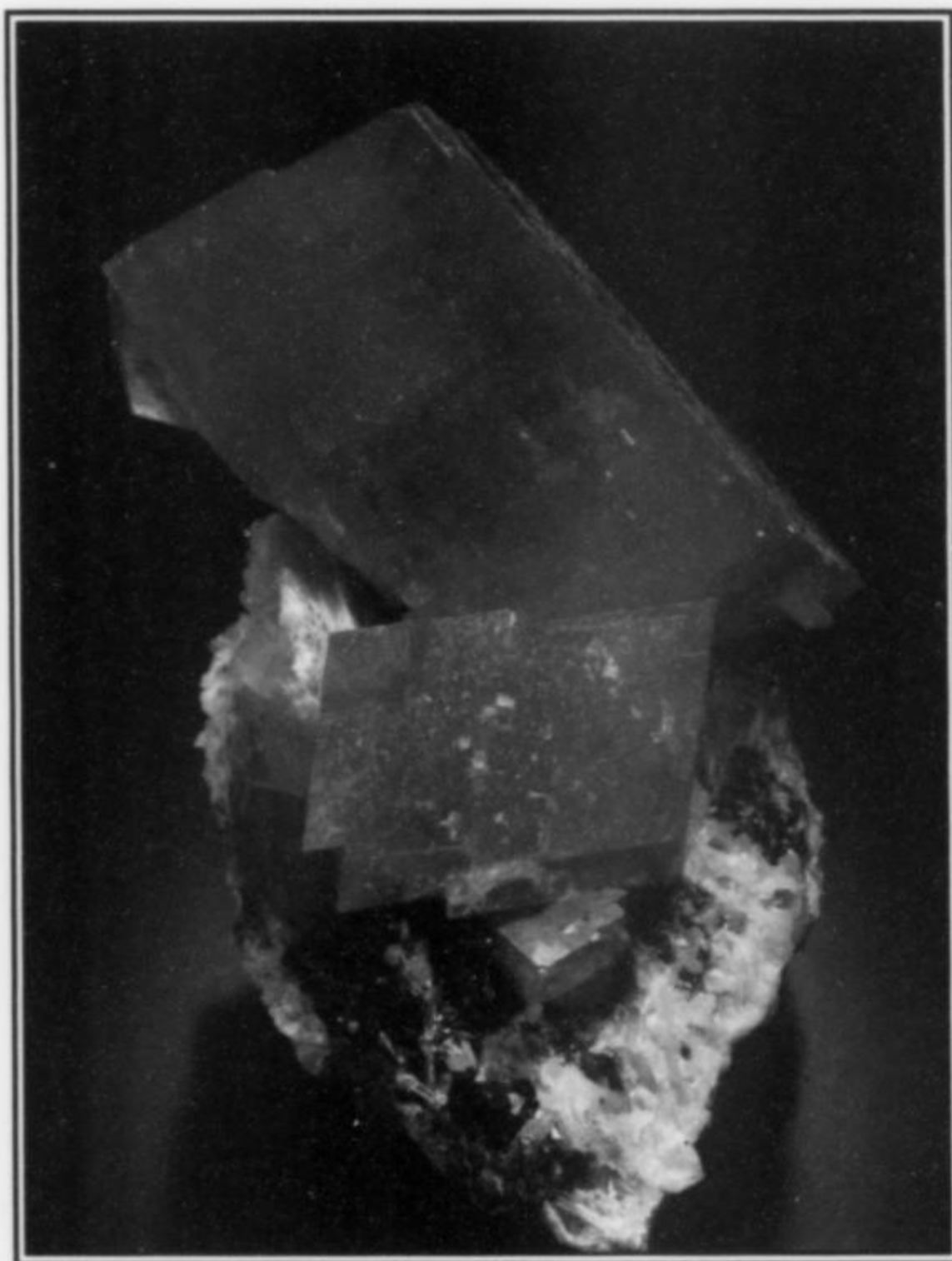
Rhodochrosite, Sweet Home mine, Alma, Park County, Colorado.

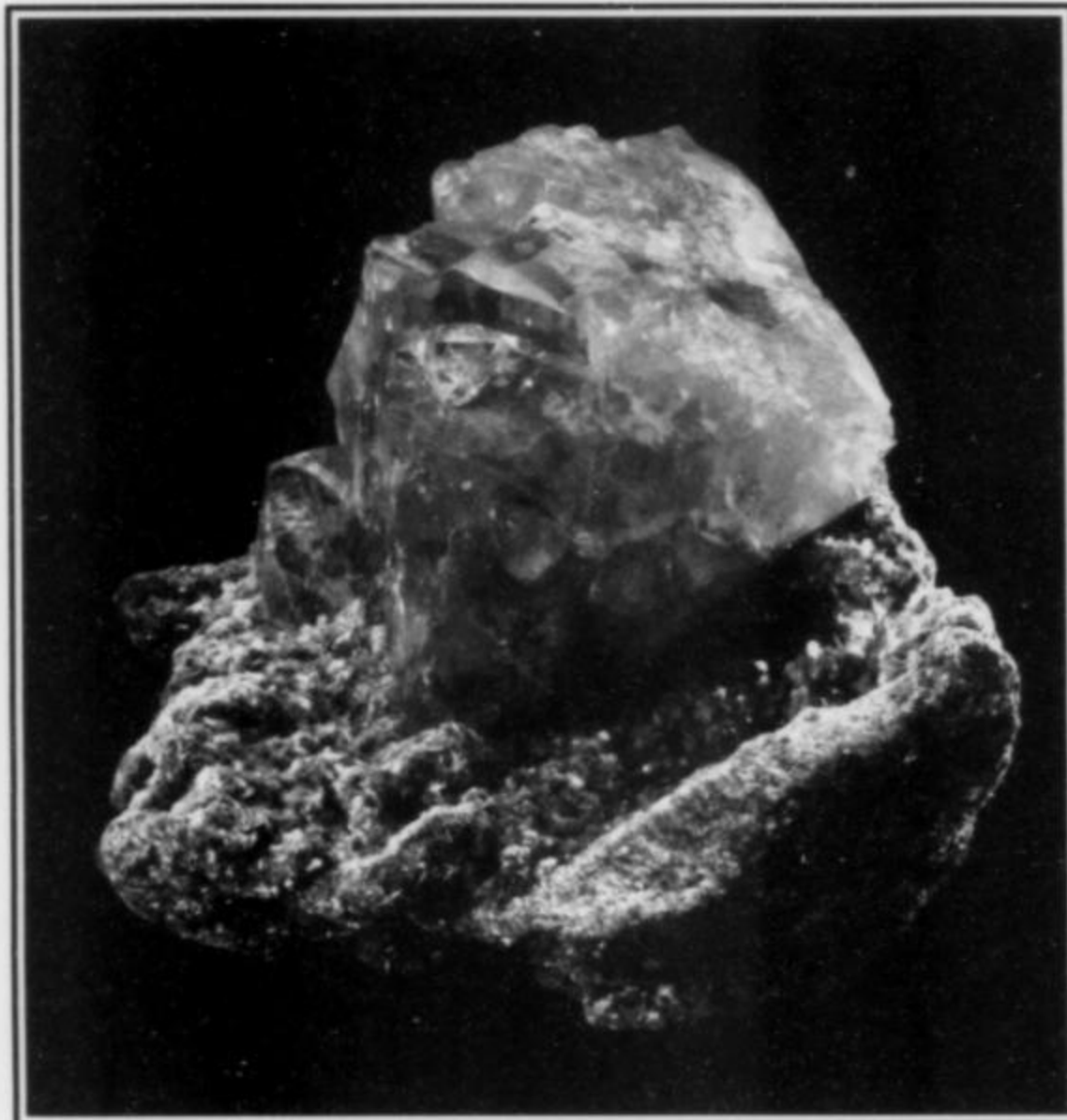
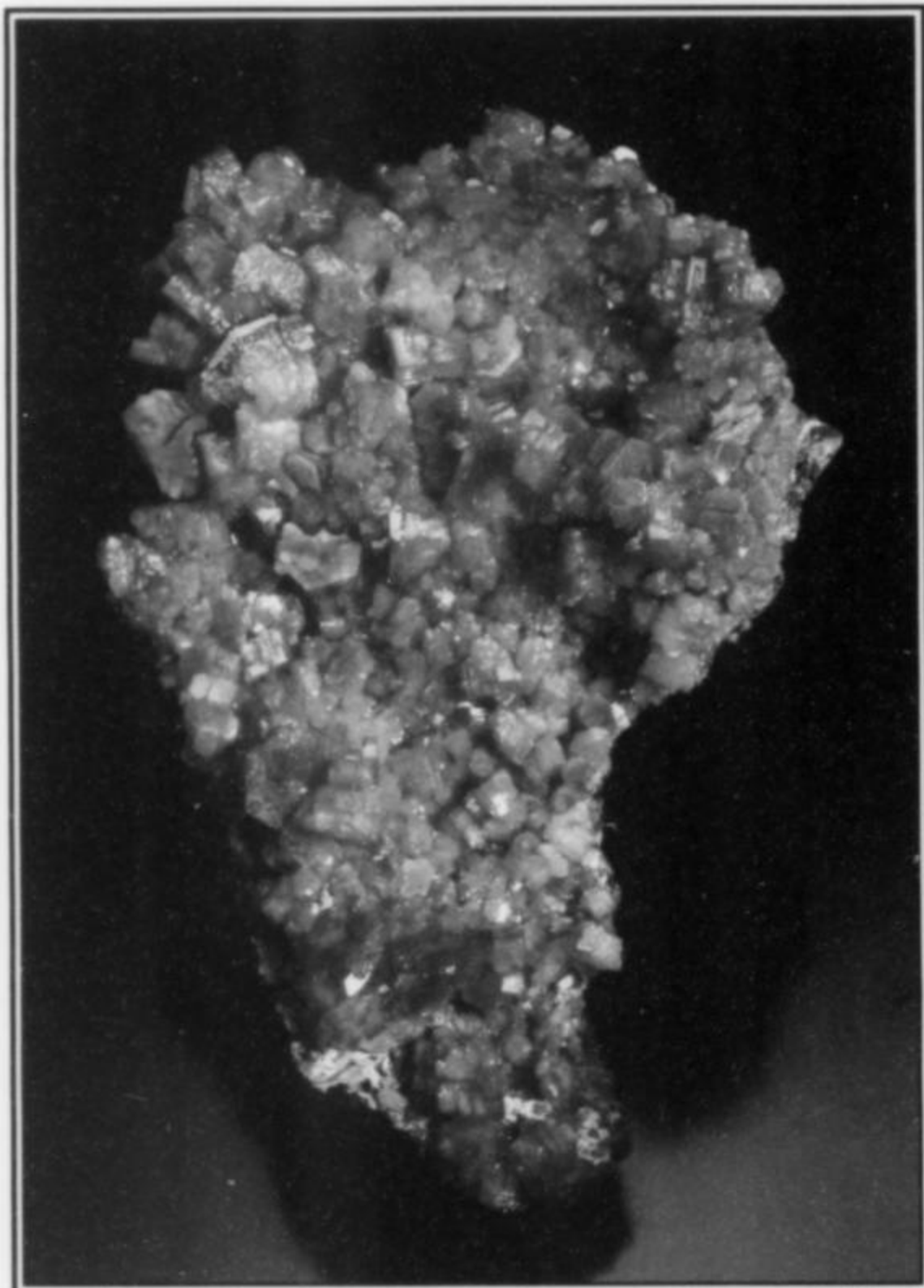
(above left) 7.8 cm, Corner pocket. Jeff Scovil photo.

(above right) 8 cm, Good Luck pocket (1993). Ex Steve Smale collection. Jeff Scovil photo.

(below left) 12 cm, 2002 pocket. Jeff Scovil photo.

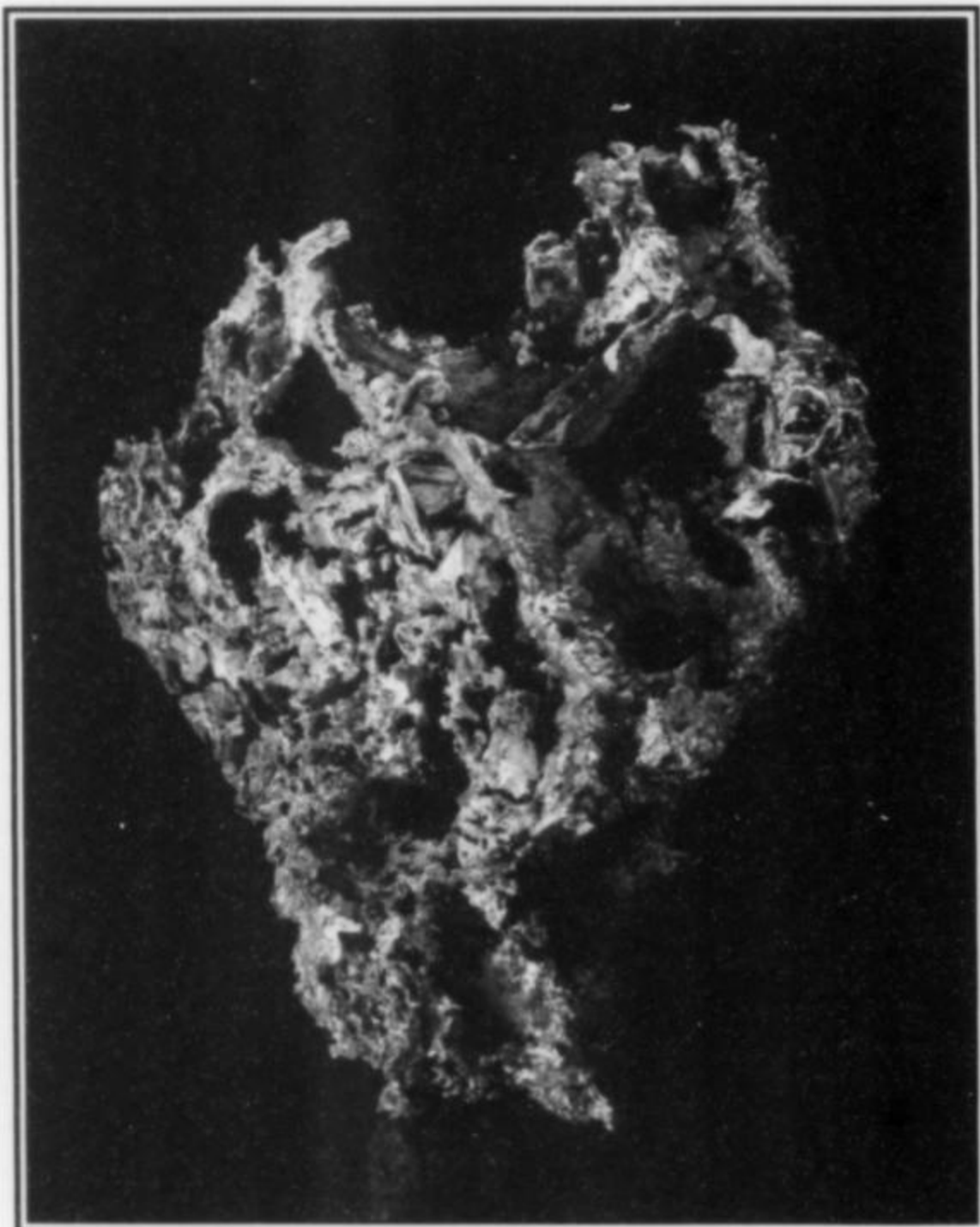
(below right) 7.5 cm, Millenium pocket. Jeff Scovil photo.





Scheelite on muscovite, 17 cm, Mt. Xuebaoding, Pingwu County, Sichuan Province, China. Ex Bruce Oreck collection. Joe Budd photo.

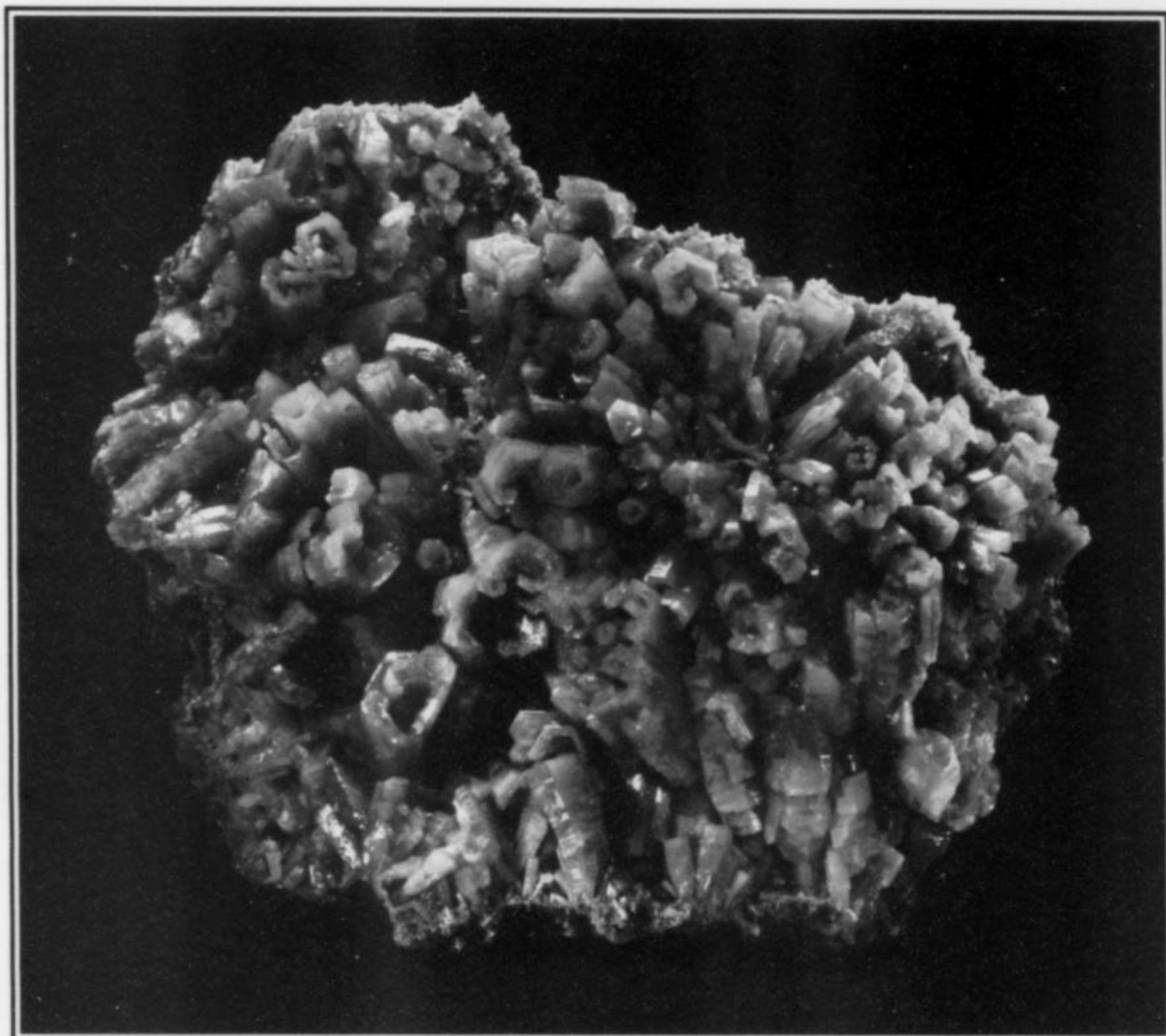
Mimetite, 13 cm, Pingtoulung mine, Guangdong Province, China. Ex Steve Smale collection. Jeff Scovil photo.



Gold, 9 cm, Gan Zi Zhou, Sichuan Province, China. Joe Budd photo.

Calcite, 24.4 cm, Leiping mine, Hunan Province, China. Joe Budd photo.





Pyromorphite, 14 cm, Daoping mine, Guangxi Zhuang Autonomous Region, China. Ex Norm and Roz Pellman collection. Joe Budd photo.



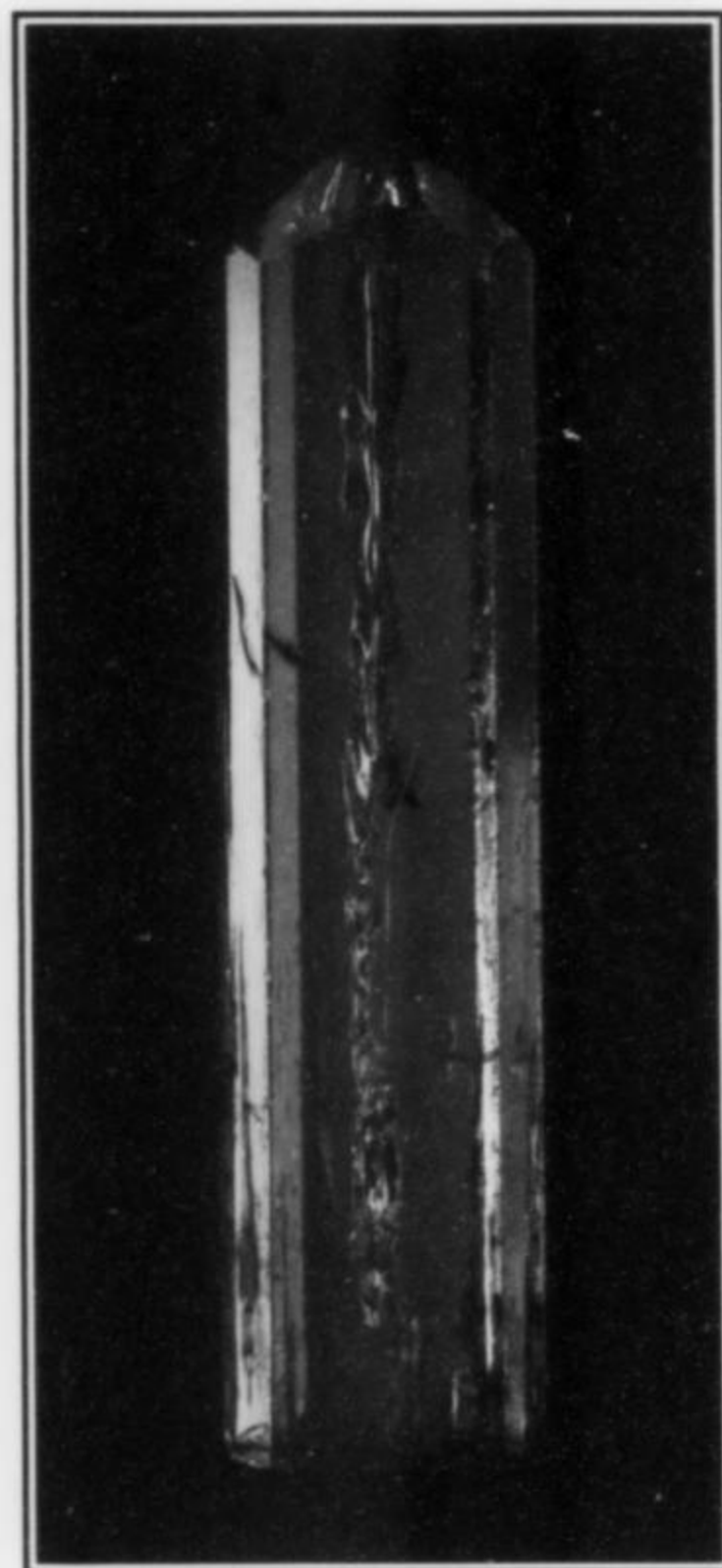
Calcite, 5.5 cm, 884 mine, Leiping, Hunan, China. Jeff Scovil photo.



Realgar with calcite, 10-cm field of view, Shimen mine, Changde, Hunan, China. Jeff Scovil photo.

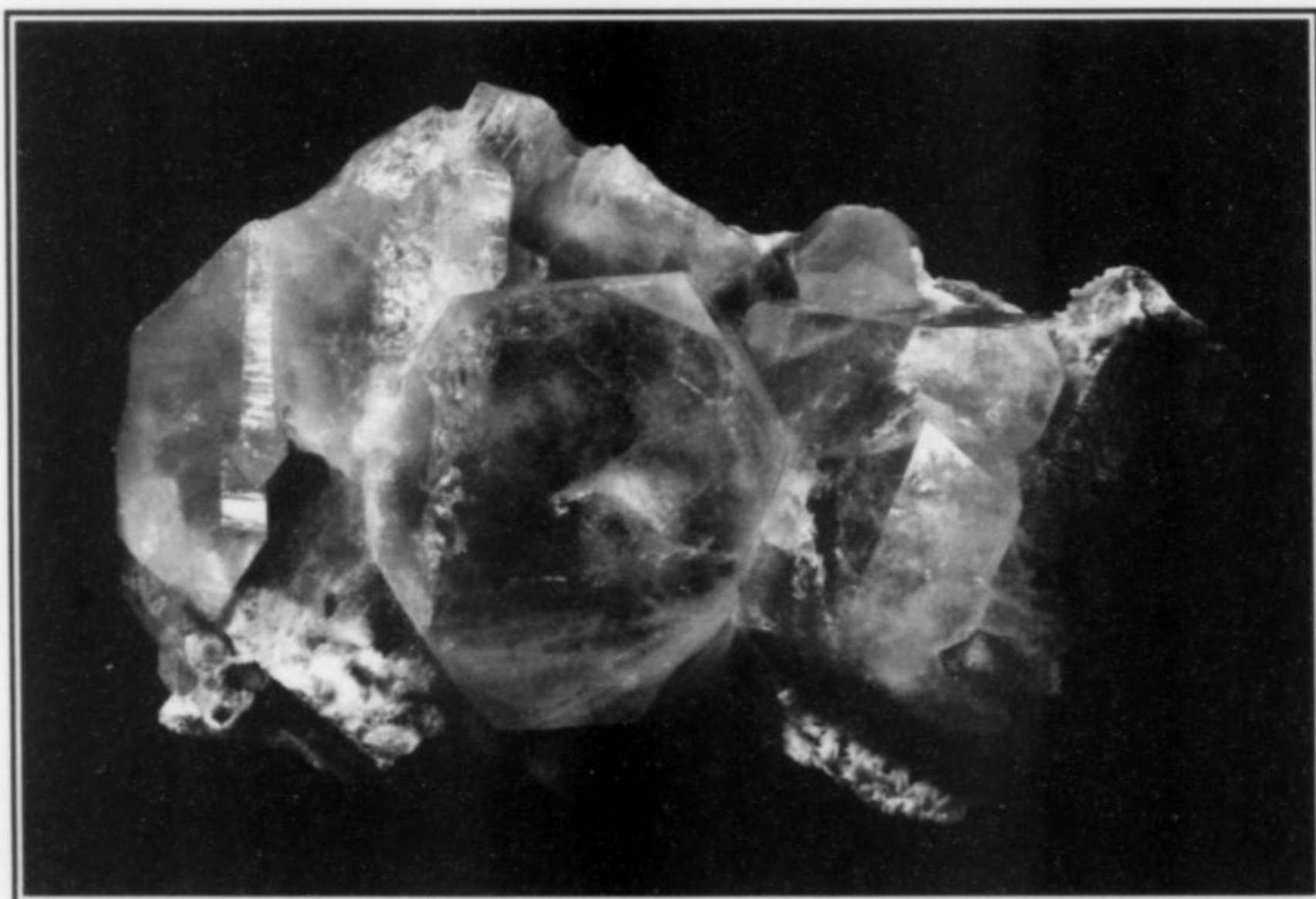


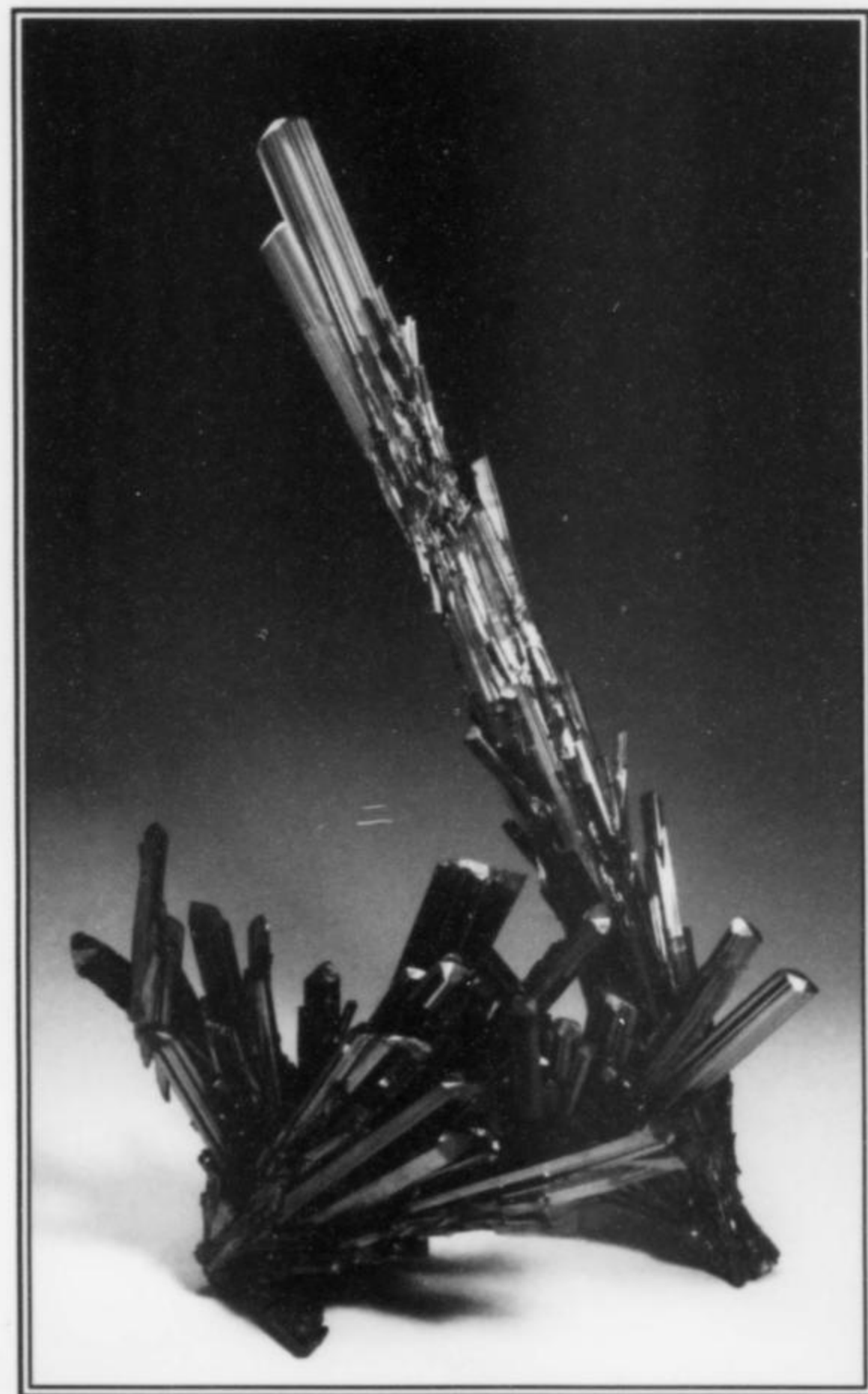
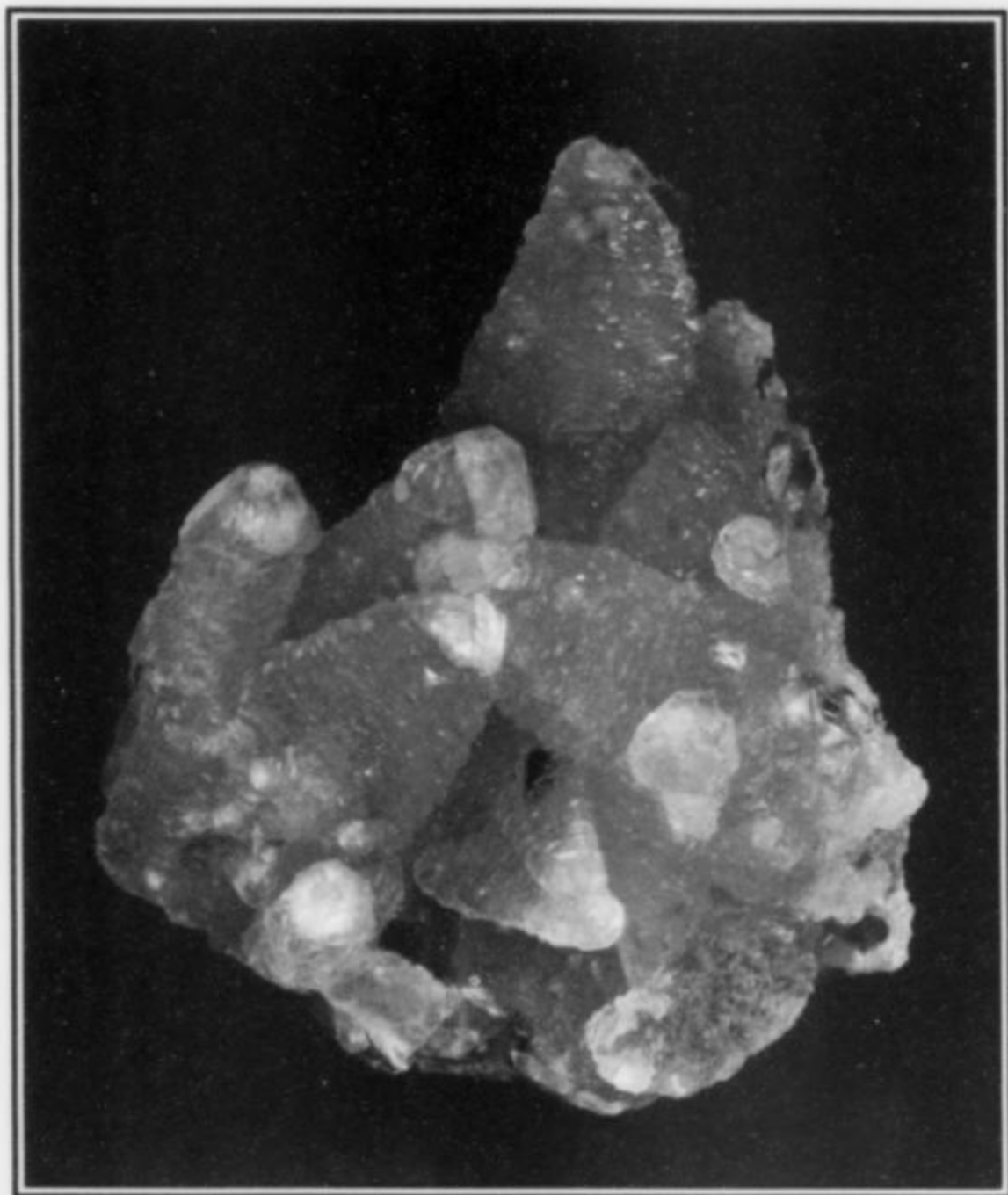
Tourmaline with quartz, 33 cm,
Pederneira mine, São José da
Safira, Minas Gerais, Brazil.
Jeff Scovil photo.



Emerald beryl, 6.7 cm,
Jos, Nigeria (1991 pocket).
Joe Budd photo.

Morganite beryl with quartz
and kunzite spodumene, 42 cm,
Darra-i-Pech, Nangarhar Province,
Afghanistan. Joe Budd photo.



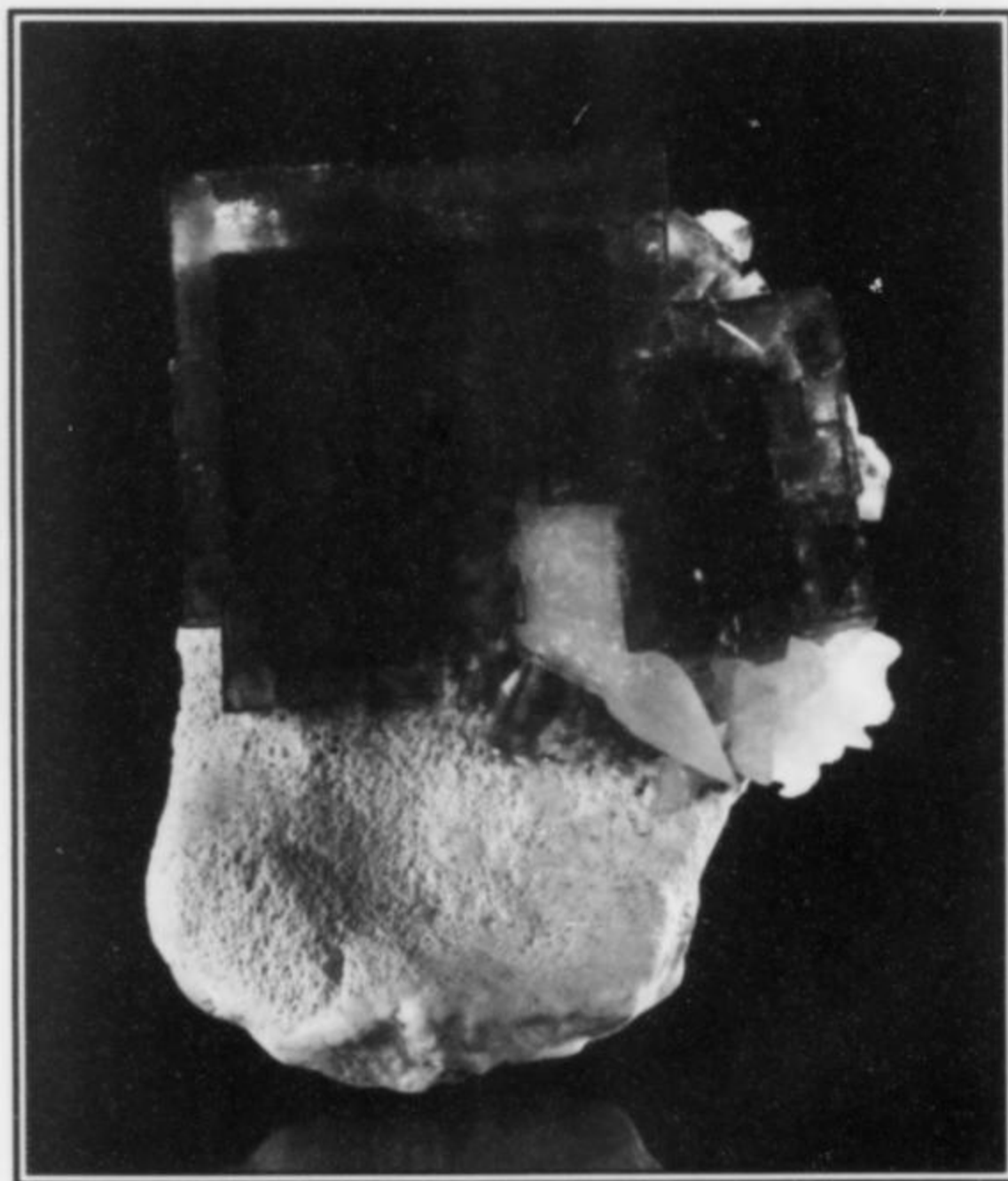


(above) Calcite, 12.5 cm, from Fengjiashan, Hubei, China. Joe Budd photo.

(above left) Calcite (cobalt-rich), 8 cm, Mashamba West mine, Democratic Republic of Congo. Ex Phil Scalisi collection. Jeff Scovil photo.

(left) Stibnite, 36 cm, Wuling mine, Jiangxi, China. Ex Bruce Oreck collection. Jeff Scovil photo.

(below) Fluorite on barite, 7 cm, Minerva mine, Cave-in-Rock, Hardin County, Illinois. Ex Don Olson coll.; Joe Budd photo.



Betty Llewellyn

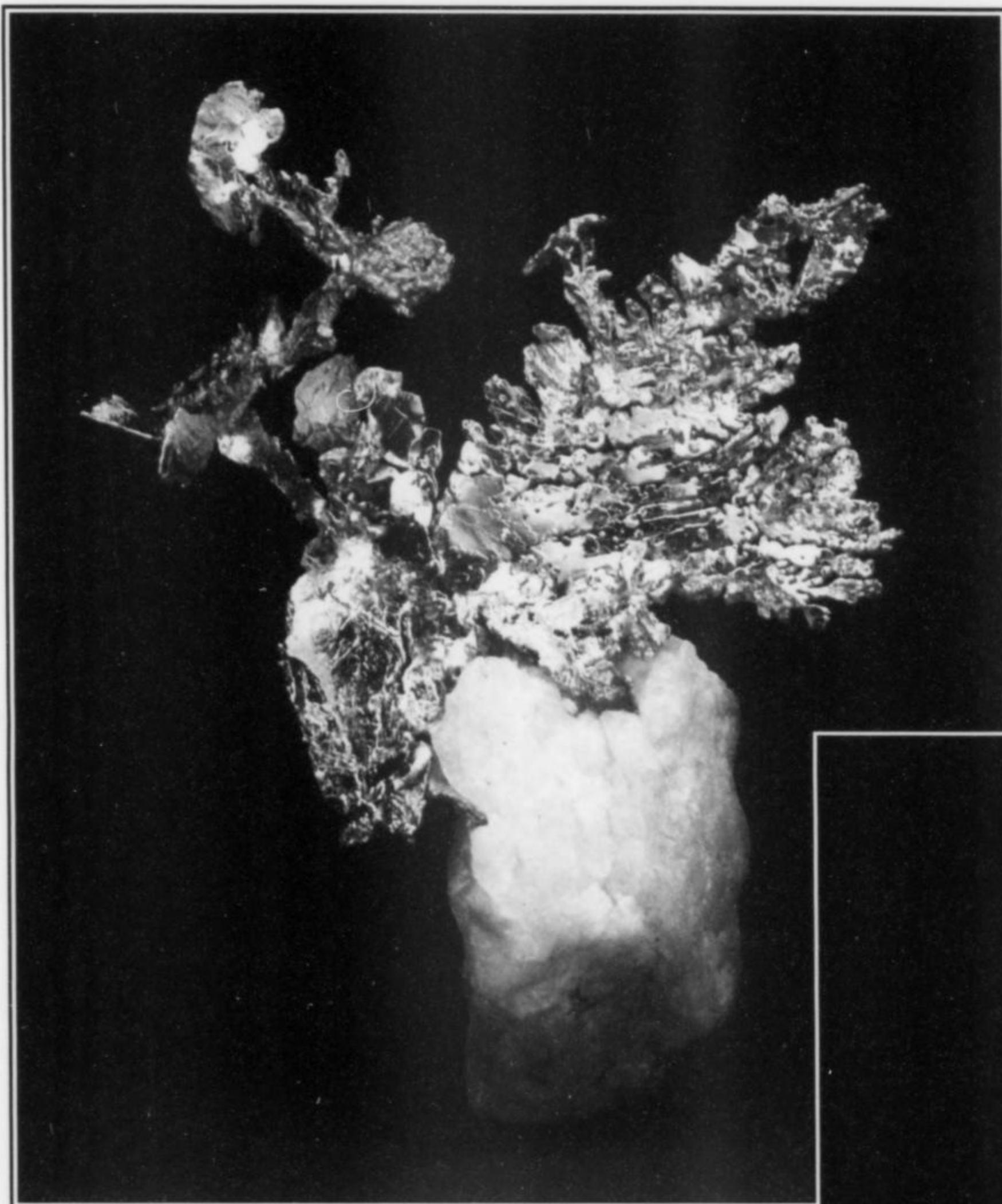


Betty Llewellyn was born Ray Elizabeth Halff in Midland, Texas on June 11, 1912, the daughter of Rosa Barnett and Mayer Halff. She first became interested in minerals when her stepson, James, went on a Boy Scout field trip to Llano, Texas. Her interest blossomed when she met Bill and Matty Brown (Brown Lapidary Shop) upon moving to Las Vegas, Nevada around 1951. While living in Las Vegas, she was able to acquire great specimens from the collection of mineral dealer Oscar Gisler. Eventually she built a mineral collection numbering around 1,000 specimens. She collected all sizes, localities and species but was particularly interested in the gem species. Her fondness for gem minerals led her to complete two courses in gemology from the Gemological Institute of America. She also had several pieces of jewelry designed and made by Martha Ann Gilchrist and Brent Laird, several of which she later donated to museums.

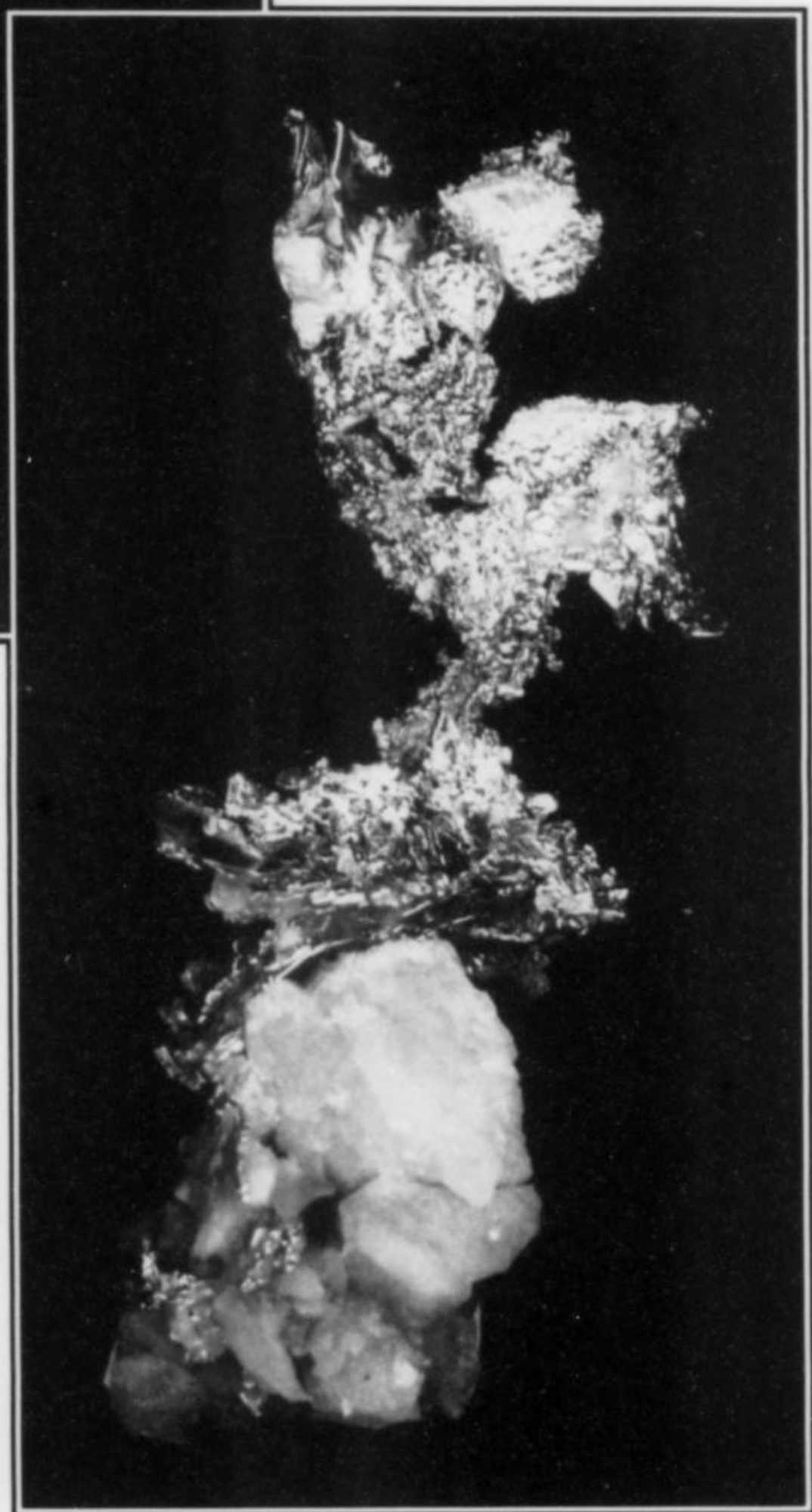
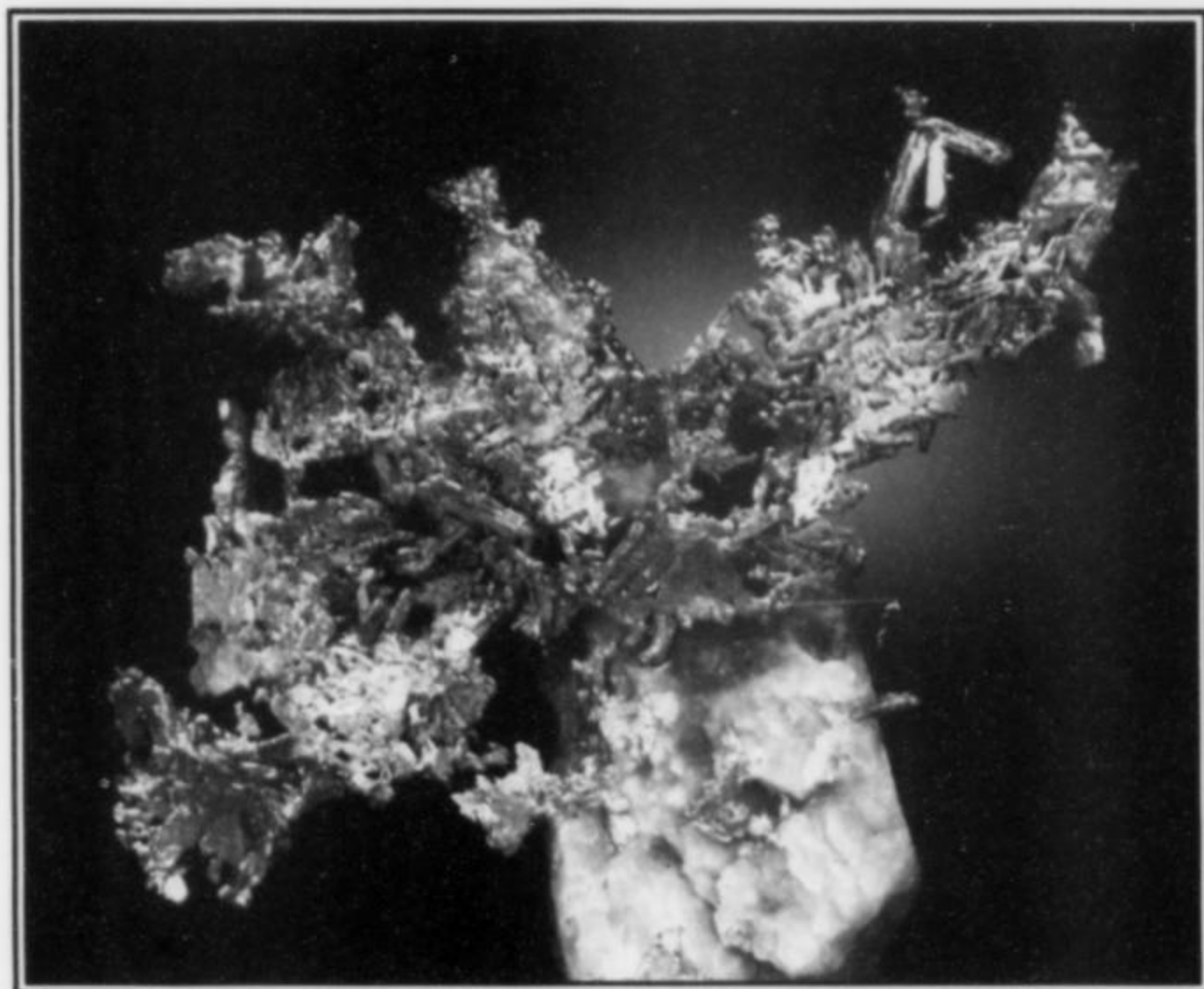
Betty's first visit to the Tucson Gem and Mineral Show took place around 1970. She also made mineral-oriented excursions to Australia, Germany, Spain and Kenya, and field-collected at localities in Colorado and Arkansas. She died on April 29, 1995 in Dallas, Texas. Her collection was inherited by her son, Marty, who kept many of his favorite pieces and dispersed the rest.

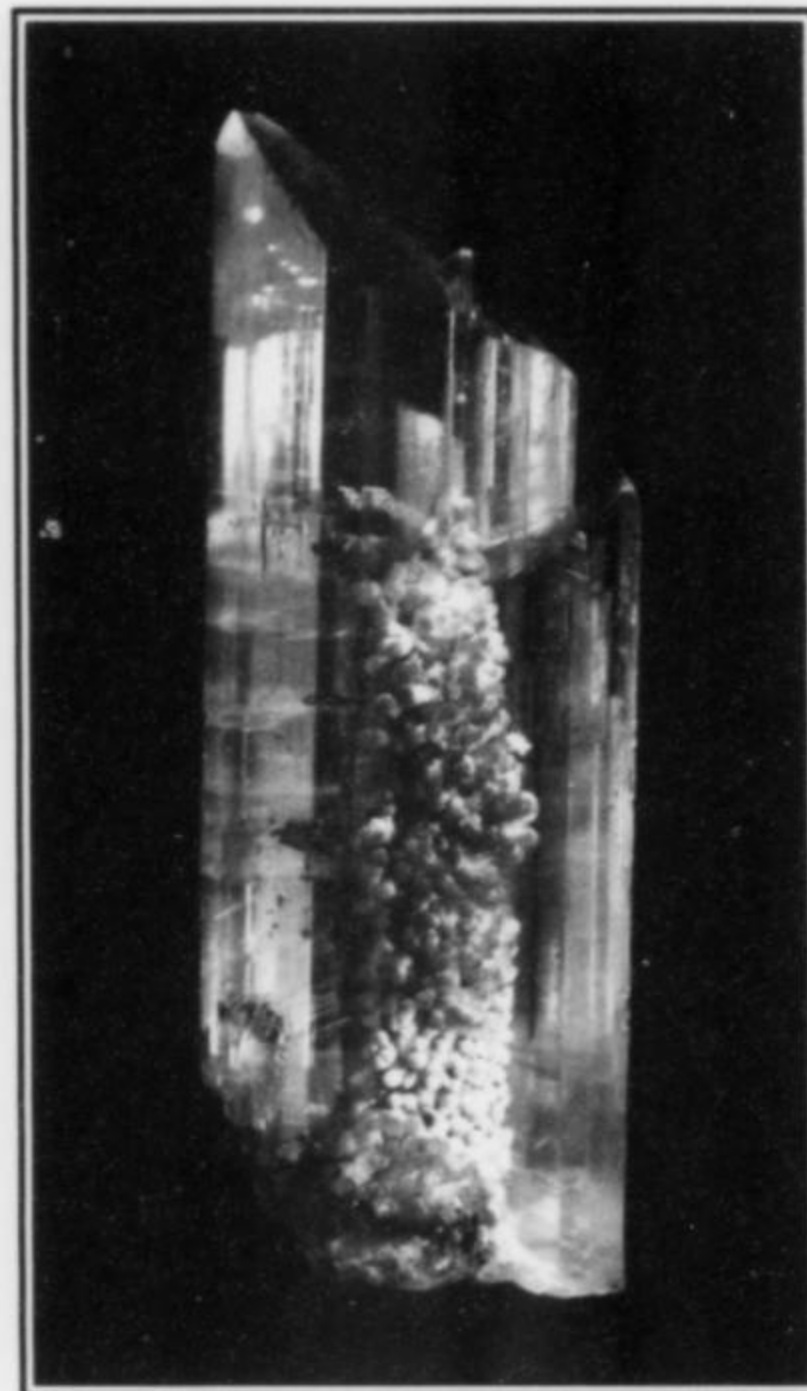
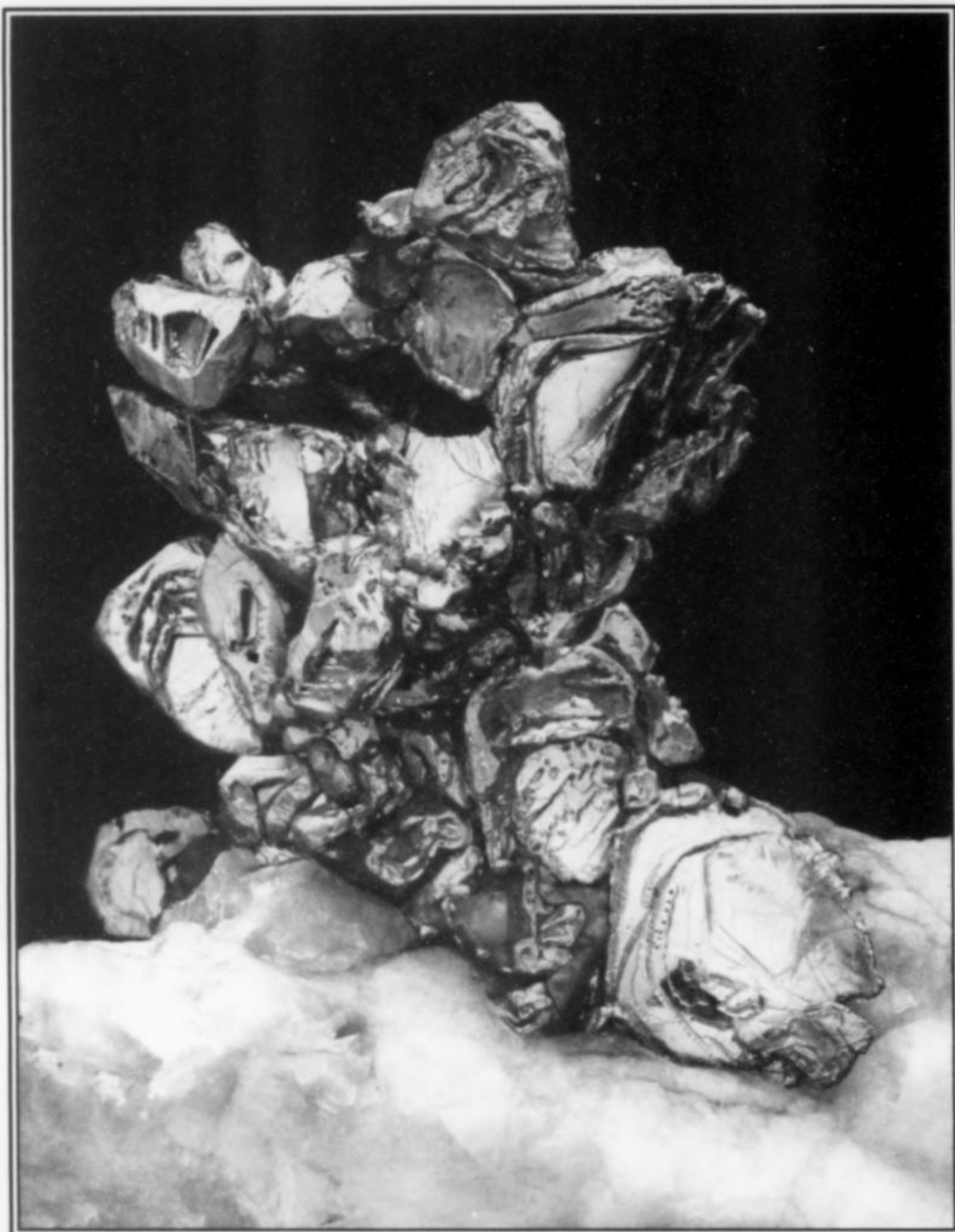


Scorodite, 4.1 cm, El Cobré mine, Aranzazu, Concepción del Oro, Zacatecas, Mexico. Jeff Scovil photo.



Gold, (left) 4.6 cm, (below left) 5.3 cm, (below) 7.1 cm, Eagle's Nest mine, Placer County, California. Jeff Scovil photos.



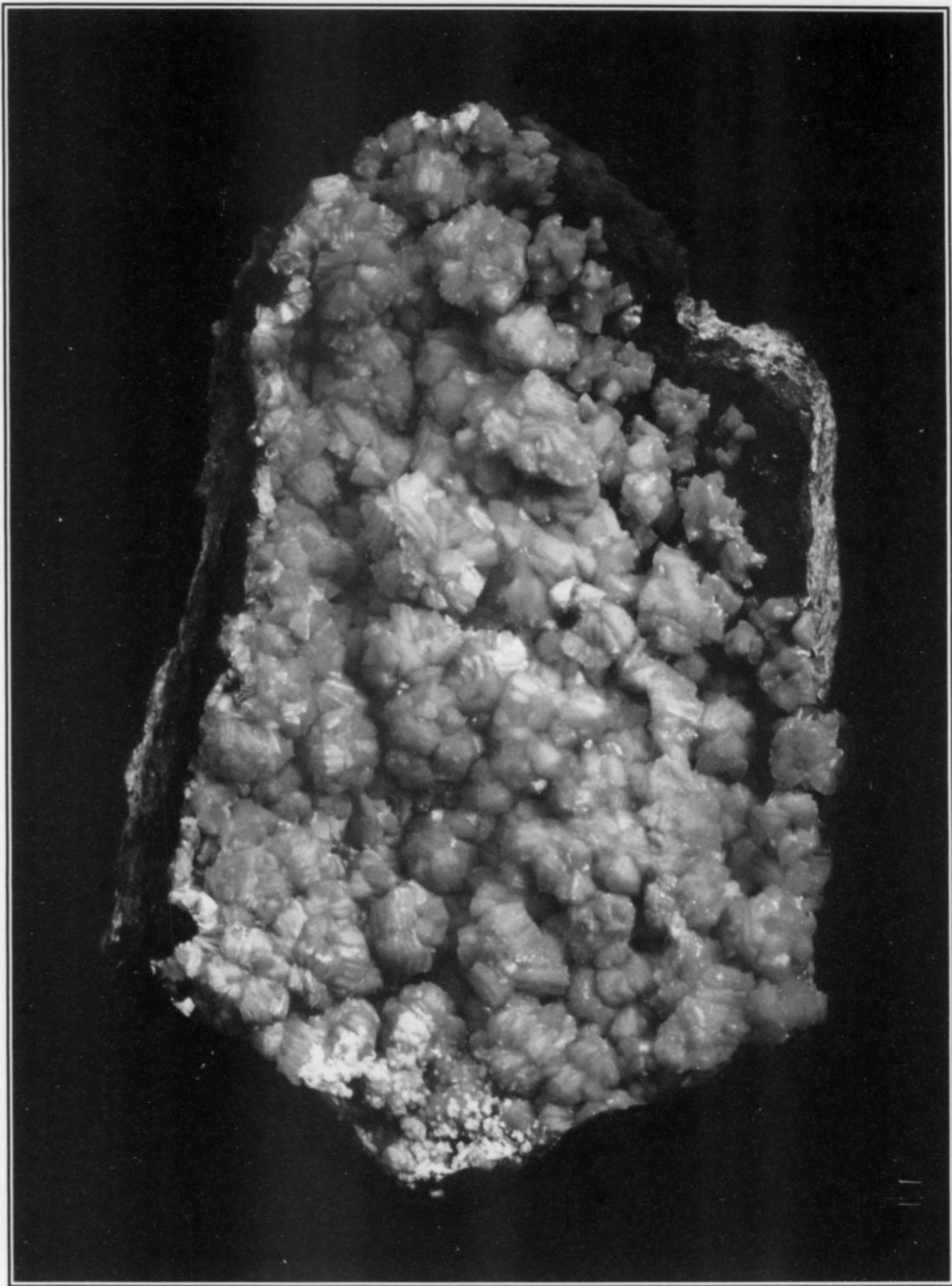


Gypsum with smithsonite, 6.6 cm,
Platosa mine, Bermejillo, Durango,
Mexico. Jeff Scovil photo.

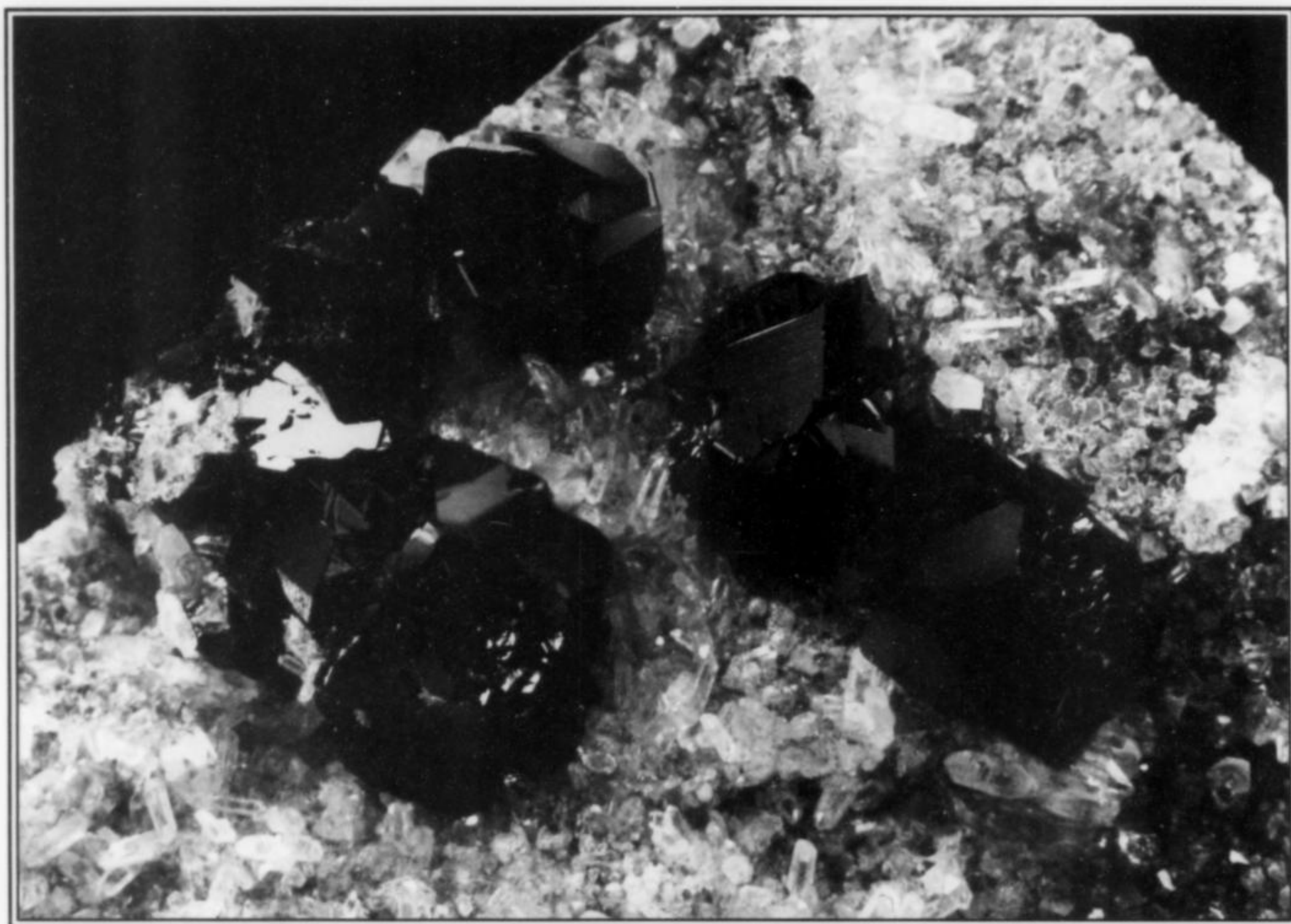
Gold, 3.8 cm, Eagle's Nest mine, Placer
County, California. Jeff Scovil photo.

Cerussite with aurichalcite,
7.6 cm, Tsumeb mine, Tsumeb,
Namibia. Jeff Scovil photo.





Francevillite, 5.5 cm, Mounana, Gabon. Published as the cover of the March–April 2005 *Mineralogical Record*. Jeff Scovil photo.



Lazulite, 5.5 cm, Rapid Creek area, Yukon Territory, Canada. Jeff Scovil photo.

Proustite, 3.4 cm, Niederschlema, Upper Saxony, Germany. Published as the cover of the May–June 1989 *Mineralogical Record*. Jeff Scovil photo.

Topaz crystal, 4.4 cm, Mursinka, Ural Mountains, Russia. Jeff Scovil photo.

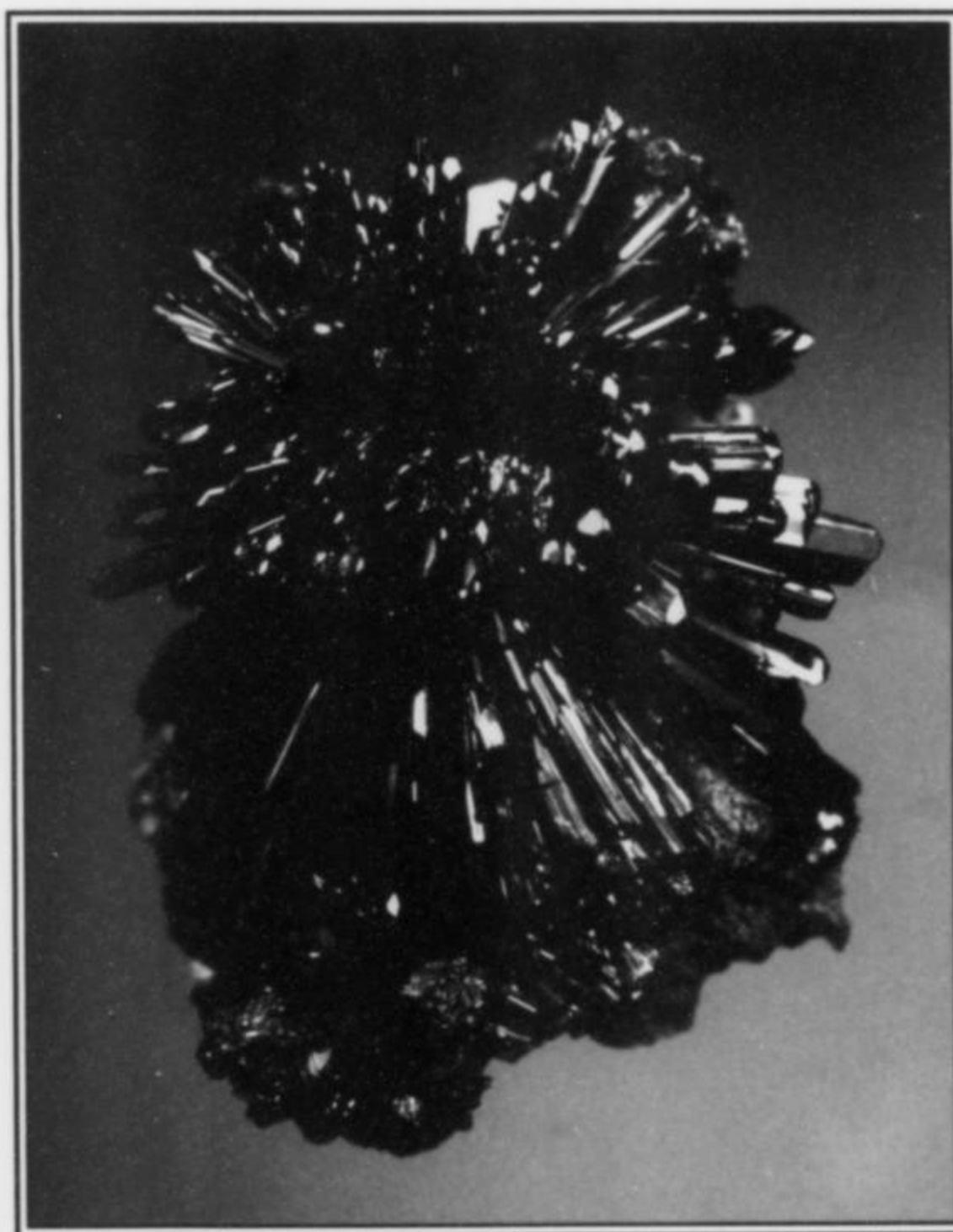
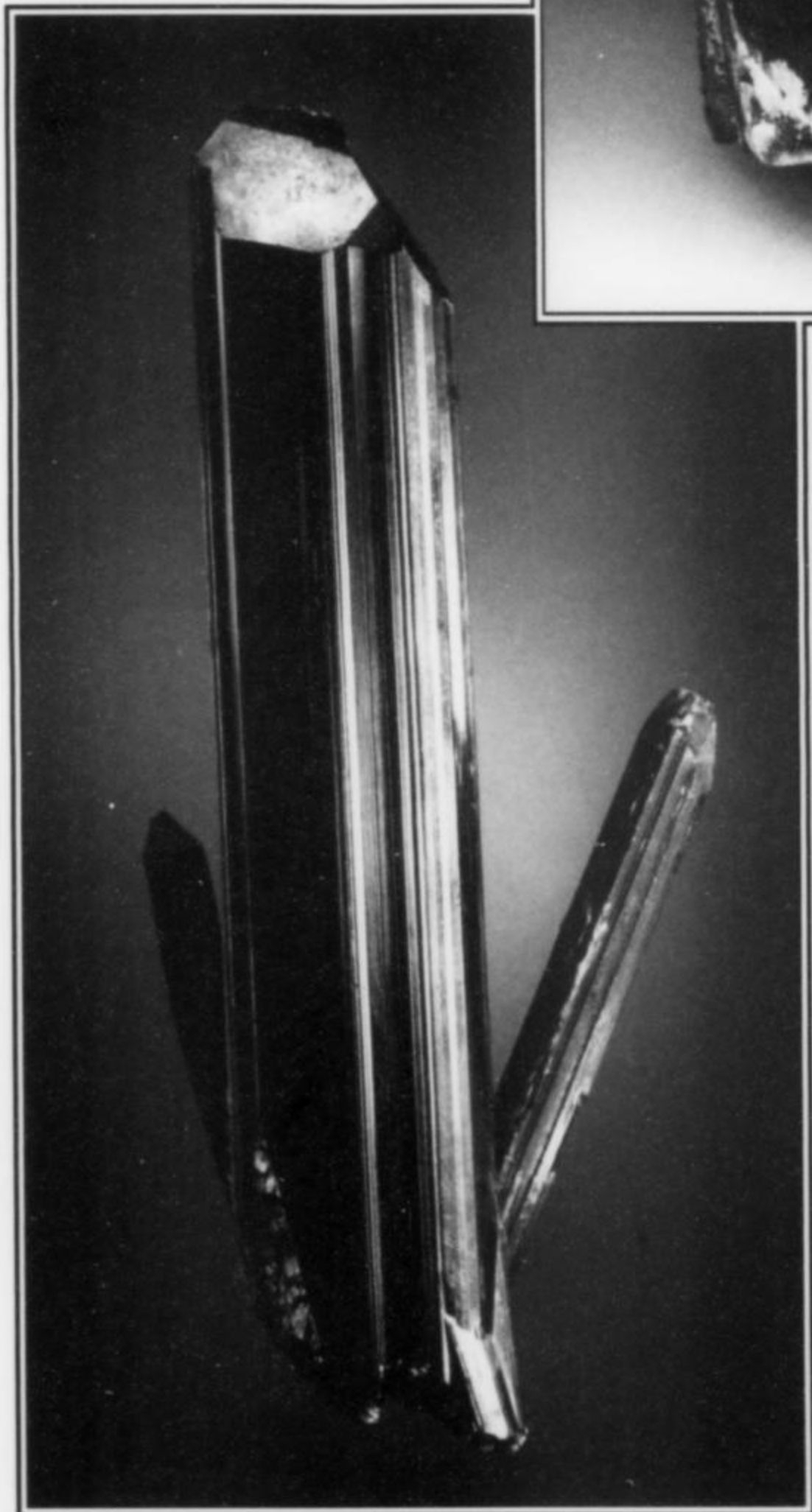


Malachite pseudomorphs after azurite with drusy quartz and chrysocolla, 10.3 cm, Miami, Arizona. Jeff Scovil photo.



(below right) Azurite, 5.1 cm, Tsumeb mine, Tsumeb, Namibia. Jeff Scovil photo.

Stibnite, 15.4 cm, Ichinokawa mine, Shikoku, Japan. Jeff Scovil photo.

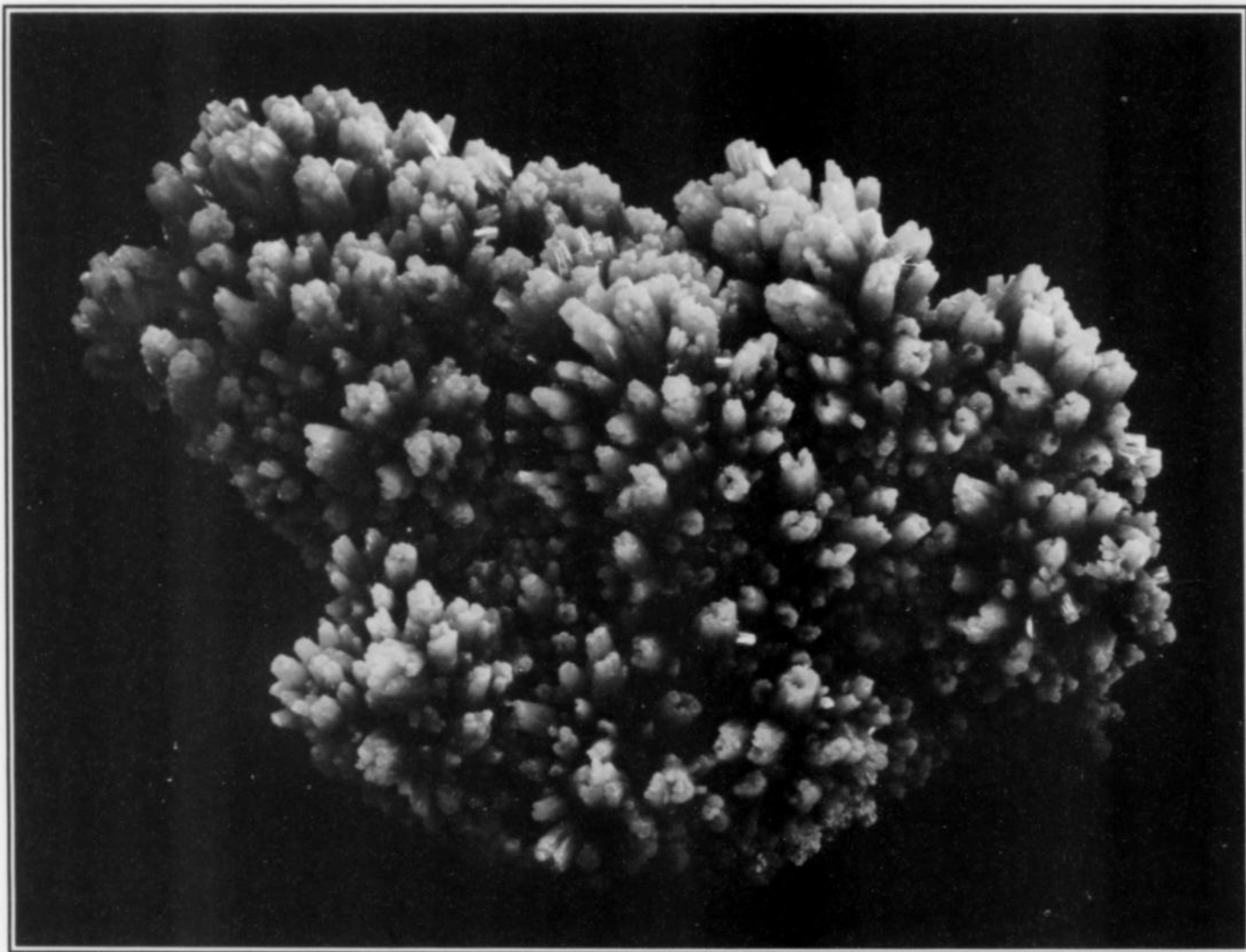


Brent Lockhart

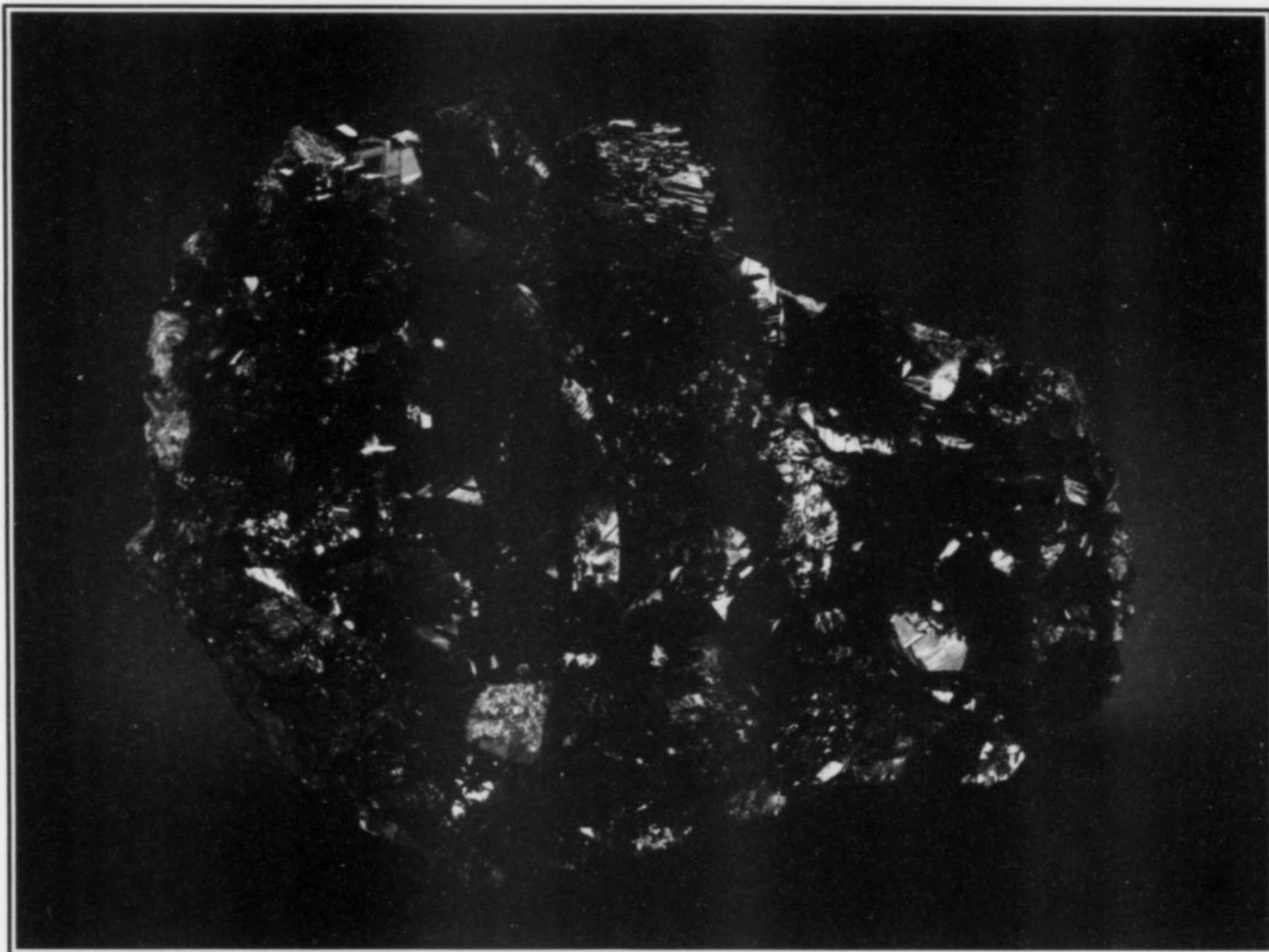


I grew up in Oak Ridge, Tennessee and began collecting minerals at the age of eight, after my parents stopped in at a local rock shop during a day trip. Shortly thereafter I was fortunate enough to meet Mary and Oscar Sisman, two long-time collectors who mentored me in my early years. My interest in the earth sciences persisted, and I graduated from the University of Tennessee with a B.A. in Geophysics in 1980. Since then, I have been heavily influenced by the collecting styles of Dave Wilber and Steve Smale, and by the great museum collections such as that of the Houston Museum of Natural Science.

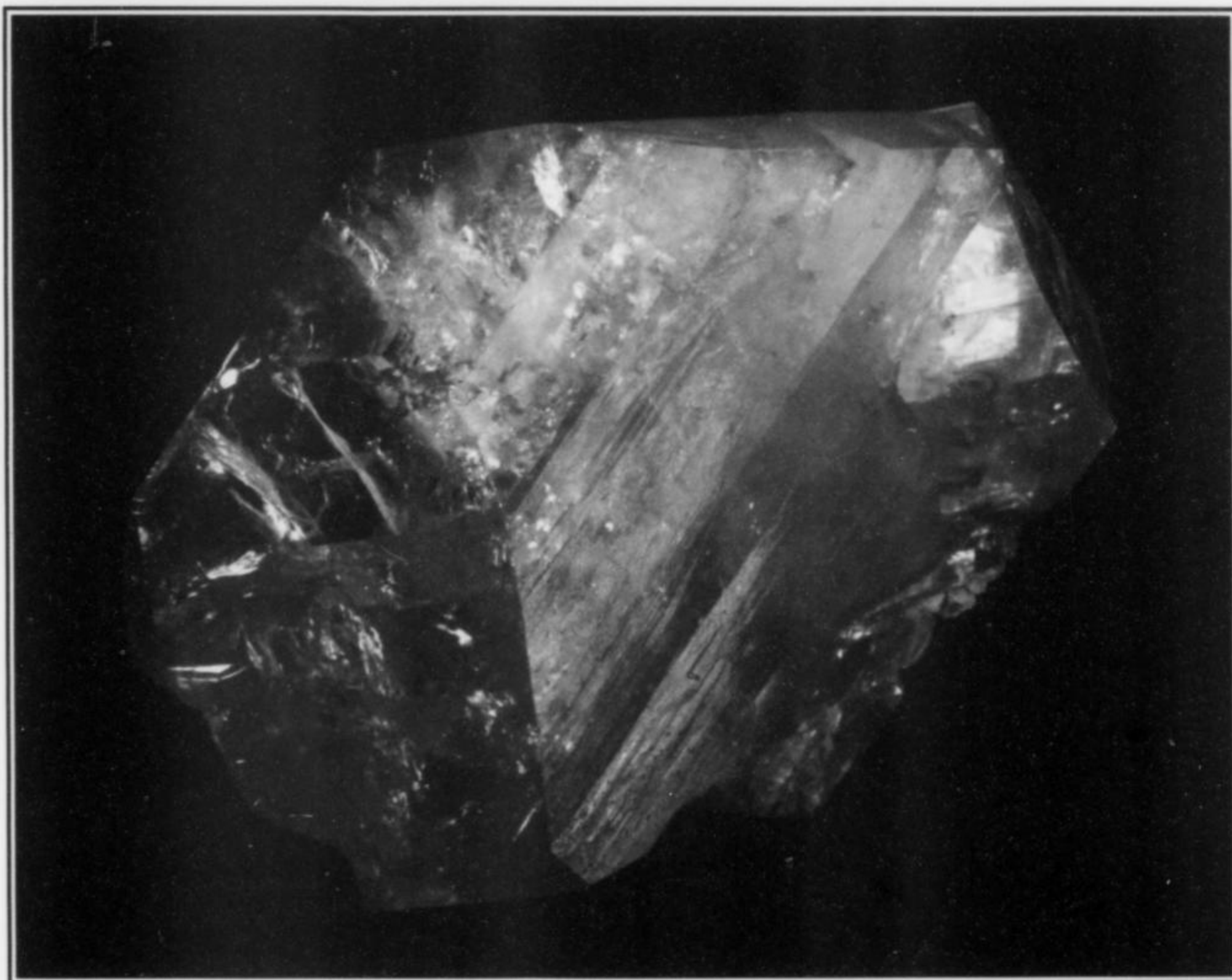
My collection currently consists of about 150 pieces, the majority of which are small cabinet to cabinet size. I tend to focus on well crystallized, aesthetic specimens which possess sculptural outlines. High contrast between the crystals and matrix, high luster, and transparency in single crystals are also attributes I look for. I have a special interest in pyromorphite, copper species, and Asian minerals. Most of my collection is mounted on custom Lucite bases, and is housed in floor-to-ceiling fiber-optic-lit cabinets. I am currently a member of the Houston Area Mineral Society (HAMS) and also the Houston Gem and Mineral Society (HGMS).



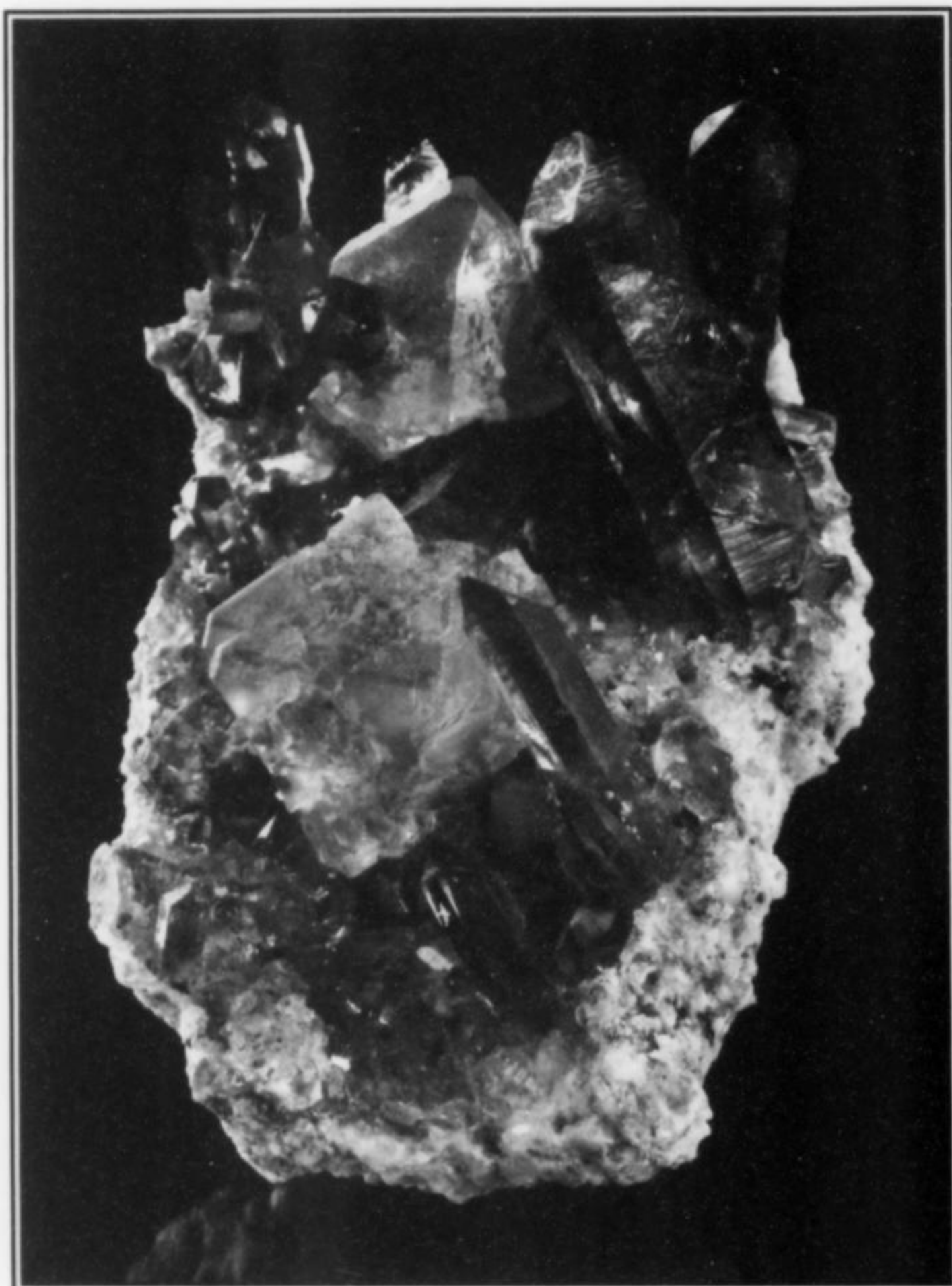
Pyromorphite, 11.6 cm, Daoping mine, Guilin, Guangxi Zhuang Autonomous Region, China. Ex Steve Smale collection. Joe Budd photo.



**Azurite, 11 cm,
Milpillas mine,
Cananea district,
Sonora, Mexico.
Joe Budd photo.**



**Brazilianite, 6 cm,
Córrego Frio mine,
near Linópolis,
Minas Gerais,
Brazil. Ex Fred
Pough collection.
Joe Budd photo.**



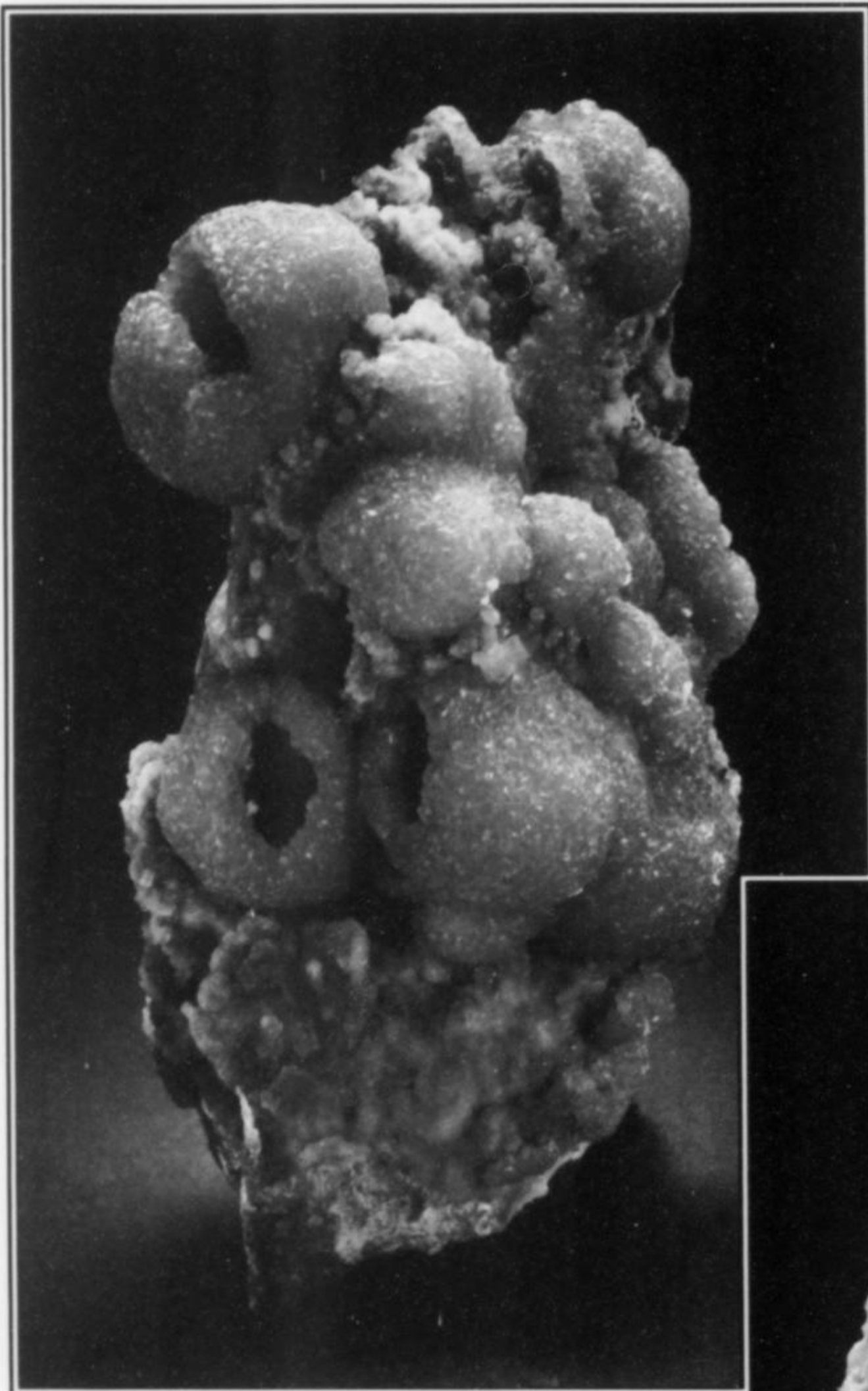
Fluorite on smoky quartz, 10 cm,
Zinggenstock, Grimsel Pass,
Canton Bern, Switzerland. Ex
Dr. Edward E. David collection.
Joe Budd photo.

Afghanite, 3.5 cm crystal on
marble, Rabot, Sar-e-Sang
district, Badakhshan,
Afghanistan. Joe Budd photo.





Schorl on albite, 7.5 cm, Shengus, Skardu district,
Northern Areas, Pakistan. Joe Budd photo.

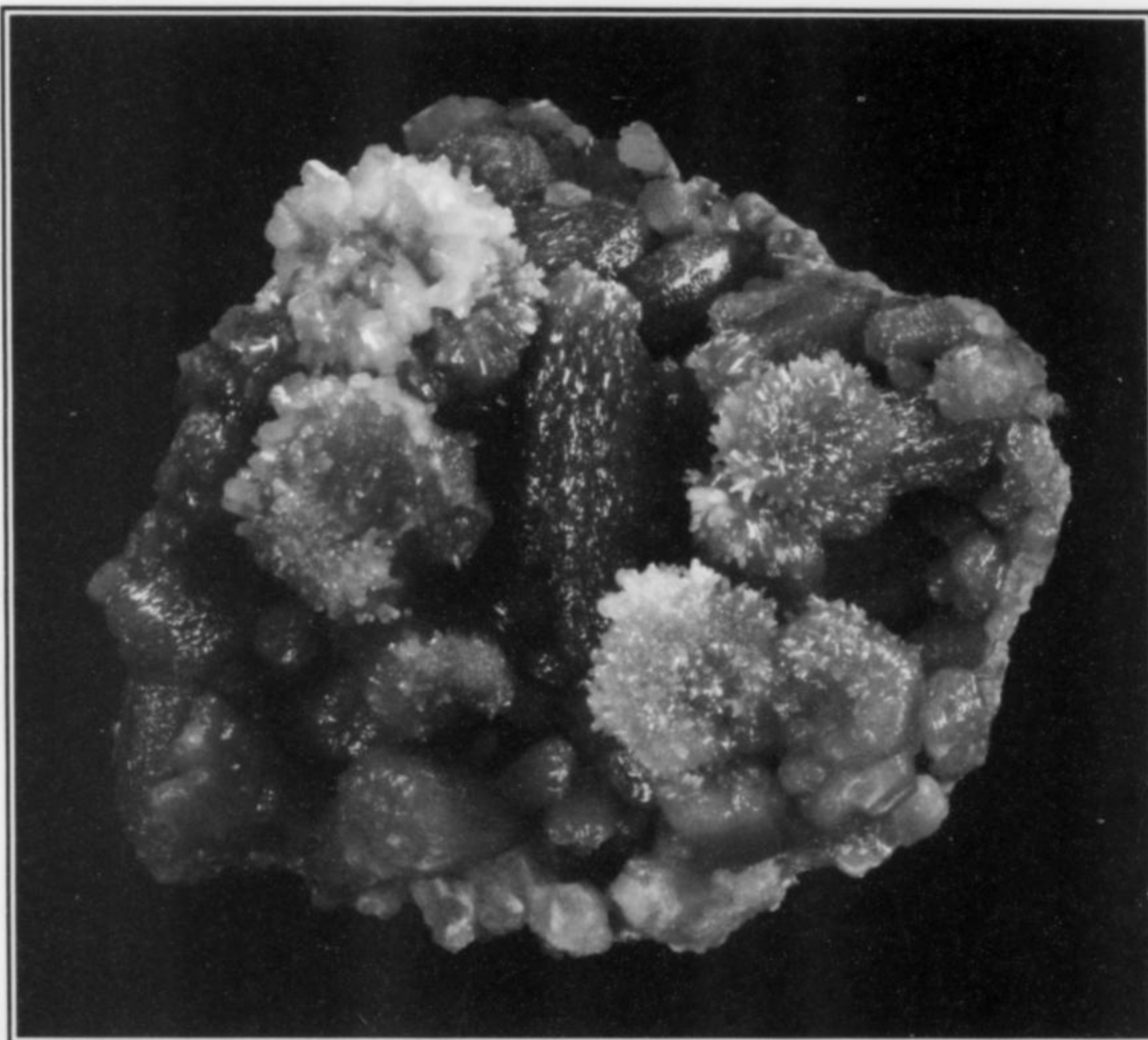


Smithsonite (copper-rich), 10 cm,
First oxide zone, Tsumeb mine,
Tsumeb, Namibia. Ex G. G. A.
Linde collection. Joe Budd photo.

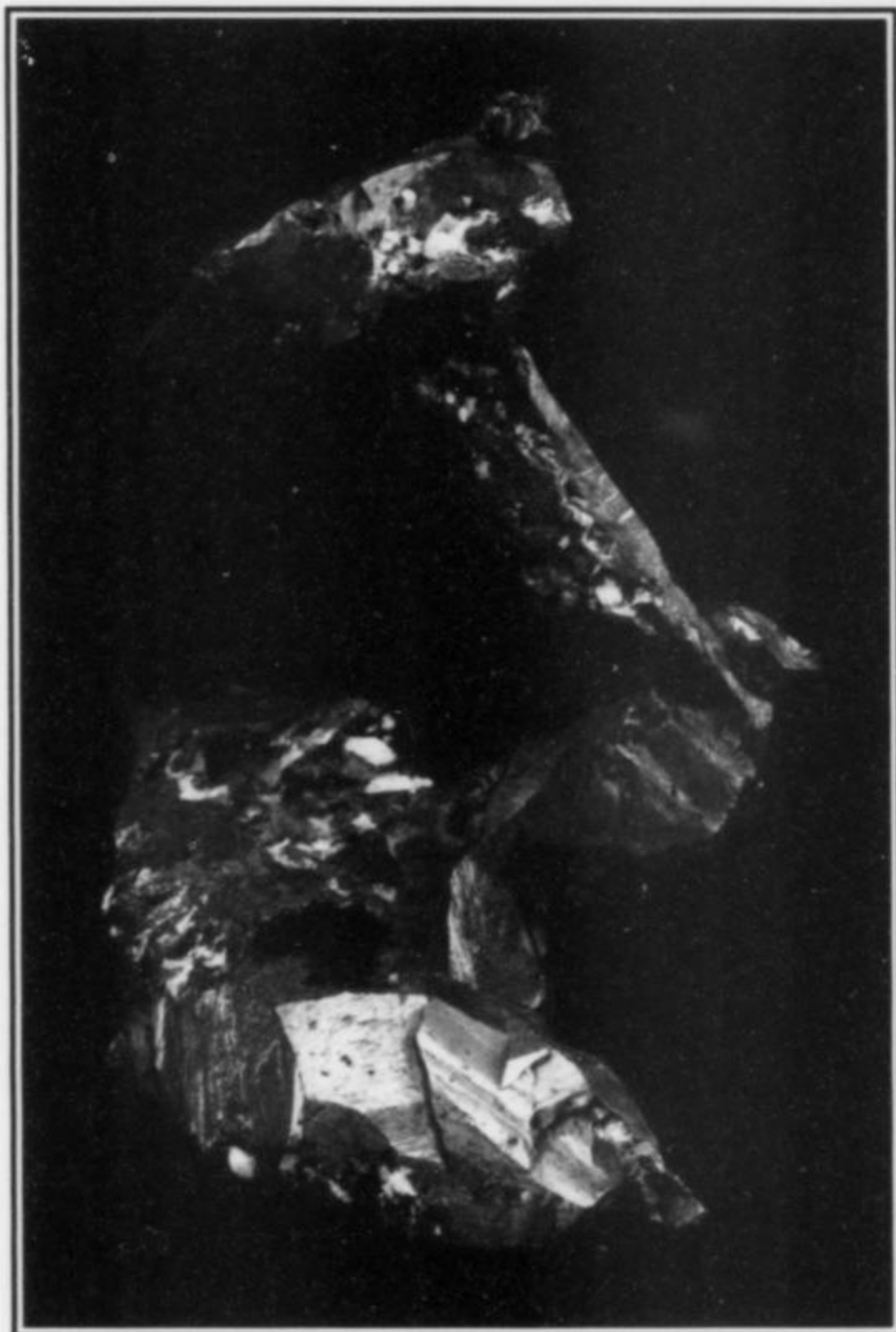


Lazurite, 15 cm, Fasabad, Kokcha
Valley, Badakhshan, Afghanistan.
Joe Budd photo.

Pyromorphite, 8.5 cm, Bunker Hill mine, Kellogg, Shoshone County, Idaho. Joe Budd photo.



Copper, 9.5 cm, Quincy mine, Pewabic Lode, Houghton County, Michigan. Ex John H. Marshall collection. Joe Budd photo.



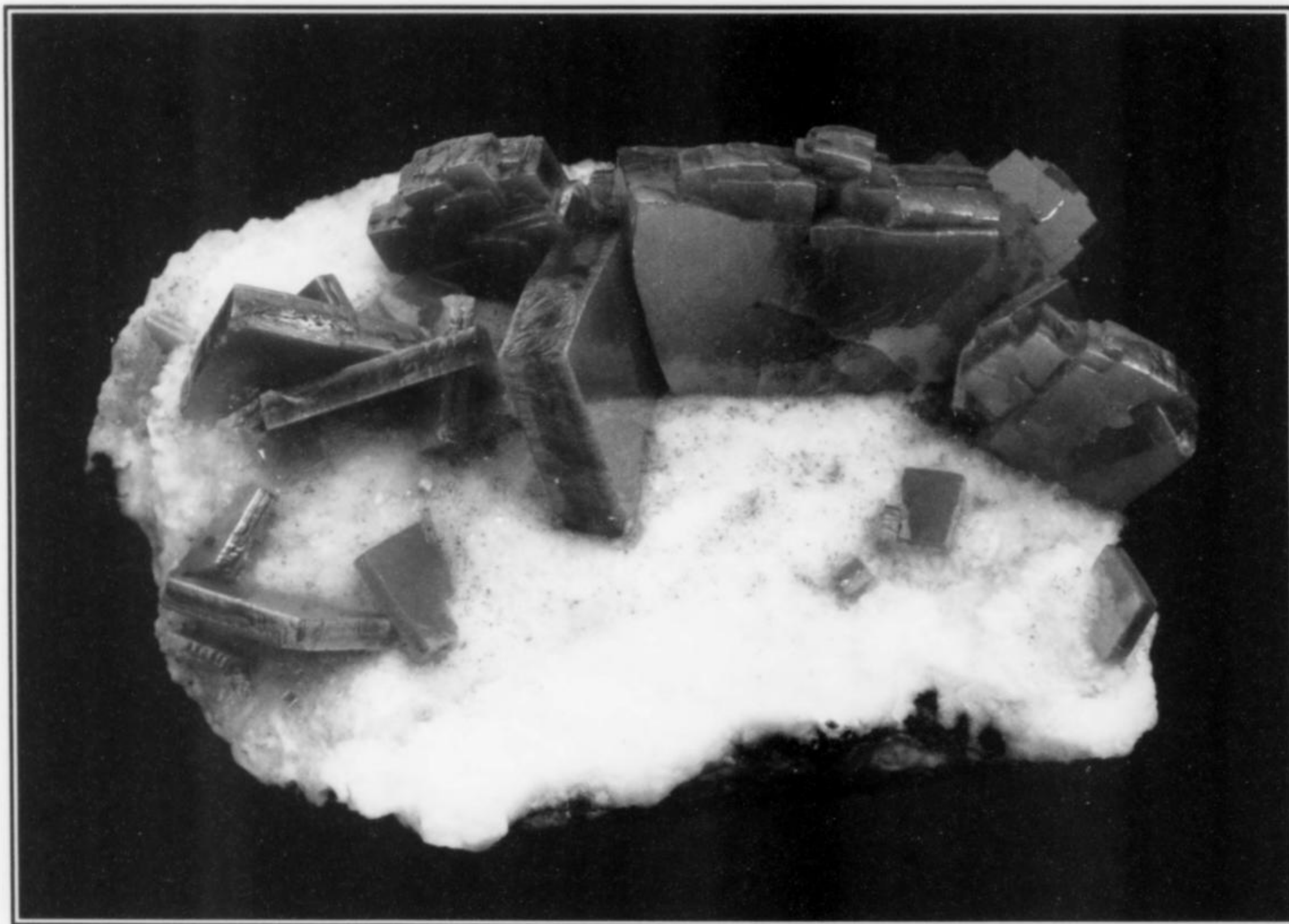
Scheelite, 9.4 cm, Mt. Xuebaoding, Pingwu County, Sichuan Province, China. Joe Budd photo.

Wally Mann



Neither my two degrees in Geology from the University of Oklahoma nor my background in science as a petroleum geologist fostered any real interest in mineral collecting. It actually began when I wandered into a rock shop and discovered the *Mineralogical Record* in May of 1980. I practically memorized that first issue, and decided to call advertisers Ken and Betty Roberts of Roberts Minerals. Betty sent me several Elmwood specimens, and I ended up purchasing a \$150 calcite that I still own. My wife Gail said, "Wally, you could have bought a new suit!" Too late, I was hooked.

I'm still hooked. Today my primary focus and passion are for superb specimens which exhibit aesthetics, color, and freedom from damage. Specimens in my collection range from miniature to small-cabinet size; fine old specimens with history and provenance are particularly important to me, and are highly coveted. In 1981 I became a member of MAD, where I met a group of devoted collectors who have since become my good friends, listeners and sometimes advisors.

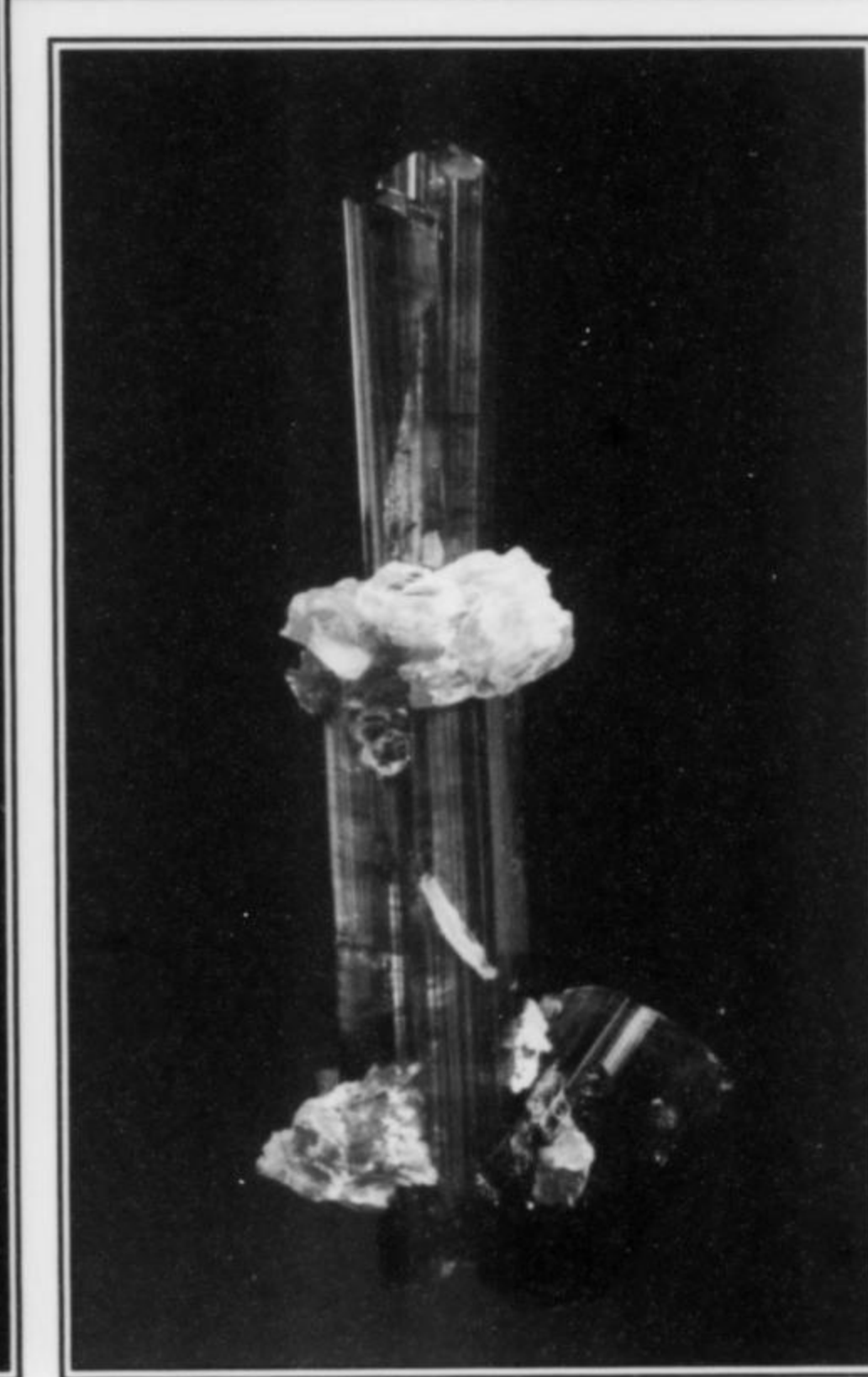
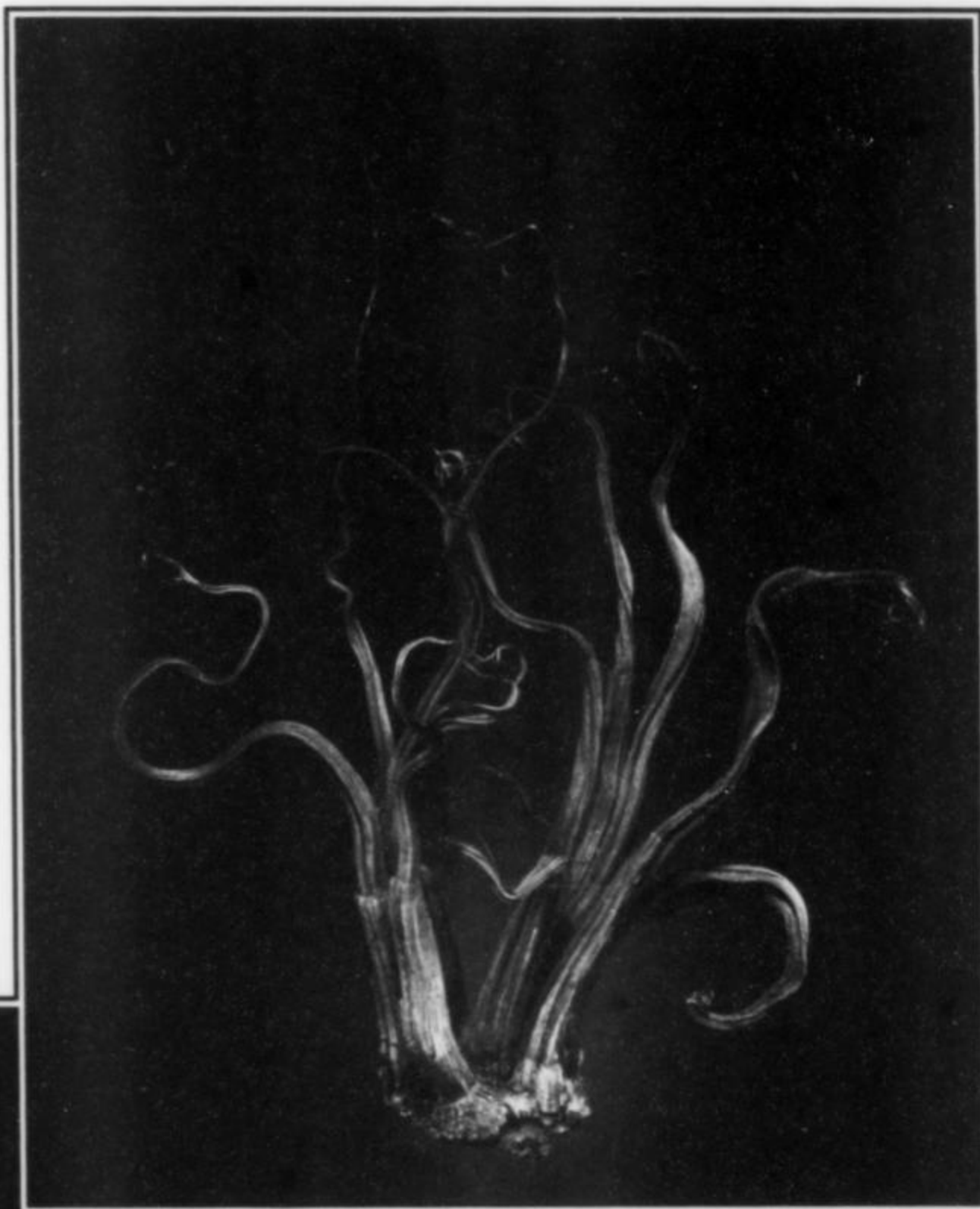


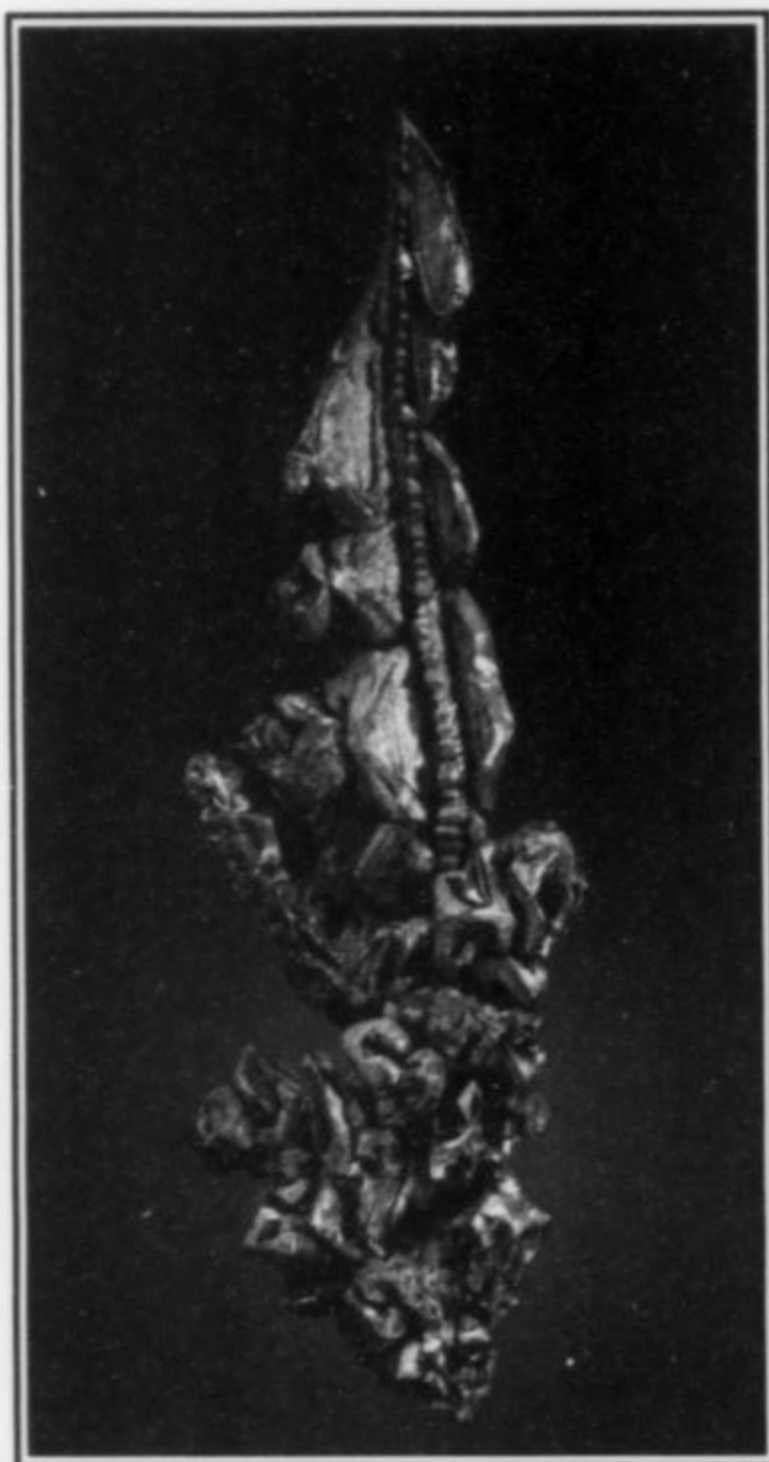
Wulfenite on calcite, 9.2 cm, Ahumada mine, Los Lamentos, Chihuahua, Mexico. Collected 1968; ex Evan Jones, Irv Brown, Helmut Brückner collections. Jeff Scovil photo.

Silver, 11.8 cm, Himmelsfürst mine, Freiberg, Upper Saxony, Germany. Mined in 1907. Ex Eric Asselborn, Steve Smale collections. Jeff Scovil photo.

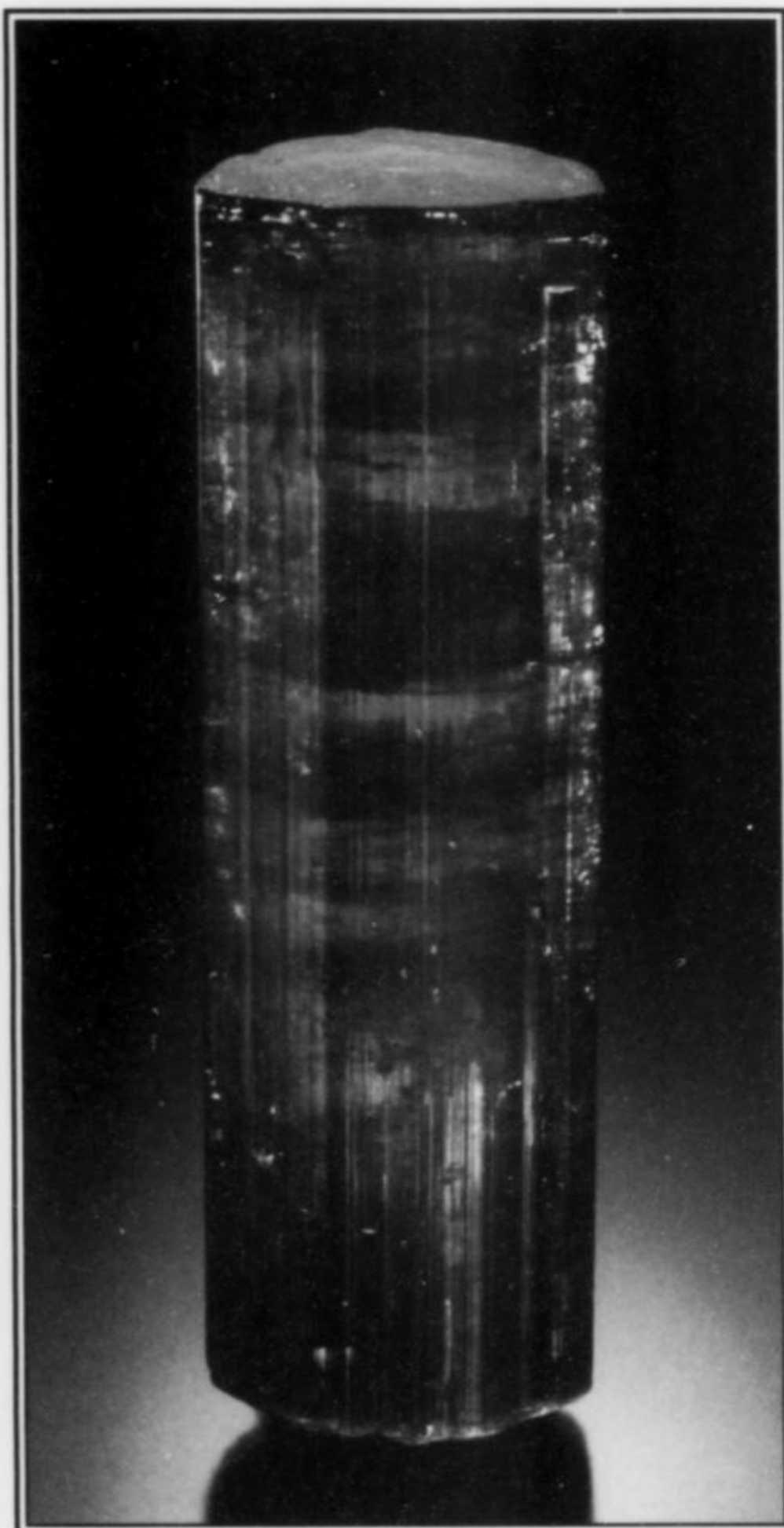
(below right) Elbaite with lepidolite, 8.5 cm, Jonas mine, Itatiaia, Minas Gerais, Brazil; mined in 1978. Ex Perkins Sams, Bill Larson collections. Jeff Scovil photo.

Pyromorphite, 11.4 cm, Roughten Gill mine, Caldbeck Fells, Cumbria, England. Mined in 1840; ex Edinburgh Museum, Ralph Sutcliffe, Lindsay Greenbank, Ed David collections. Jeff Scovil photo.

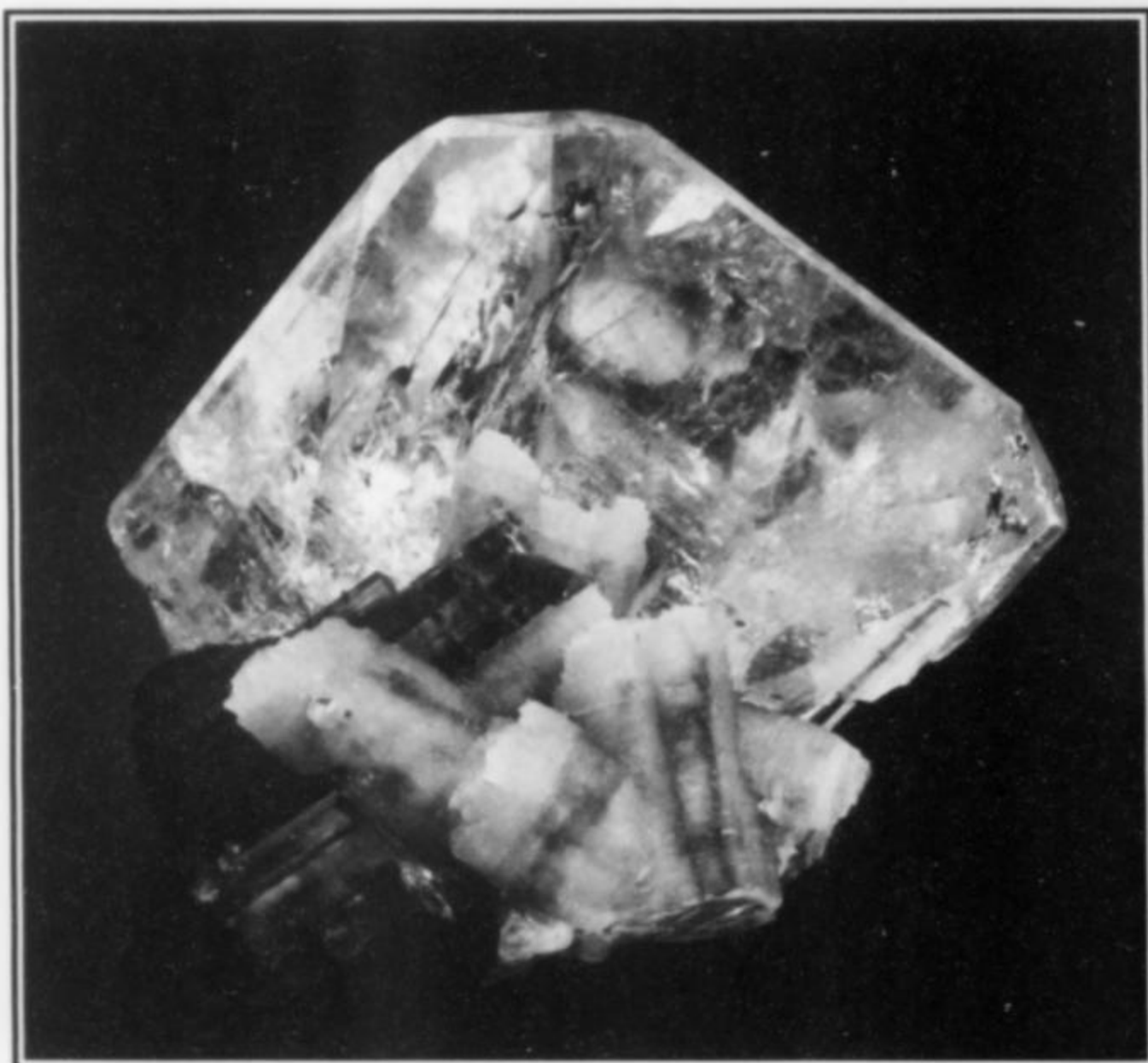




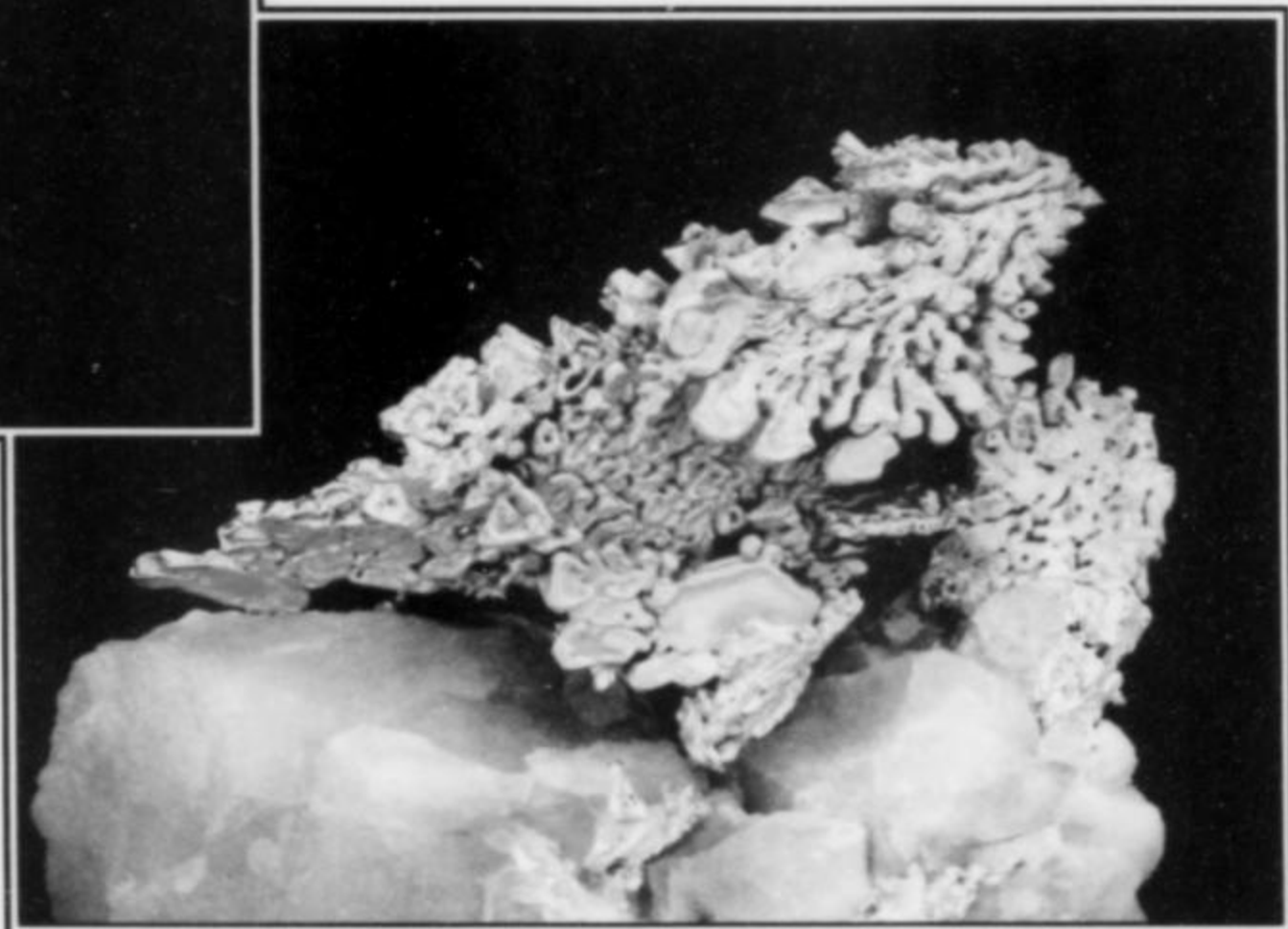
Copper (spinel-law twin),
8.2 cm, Dzhezkazgan,
Kazakhstan. Ex Steve
Neely collection. Jeff
Scovil photo.



Elbaite "blue cap," 8.1 cm, Tourmaline Queen
mine, San Diego County, California. Mined in 1972;
ex Bill Larson collection. Jeff Scovil photo.



Topaz with elbaite and lepidolite, 6 cm, Xanda mine,
Virgem da Lapa, Minas Gerais, Brazil. Ex Ed David,
Herb Obodda, Rick Rolater, Stuart Wilensky, Irv
Brown collections. Jeff Scovil photo.

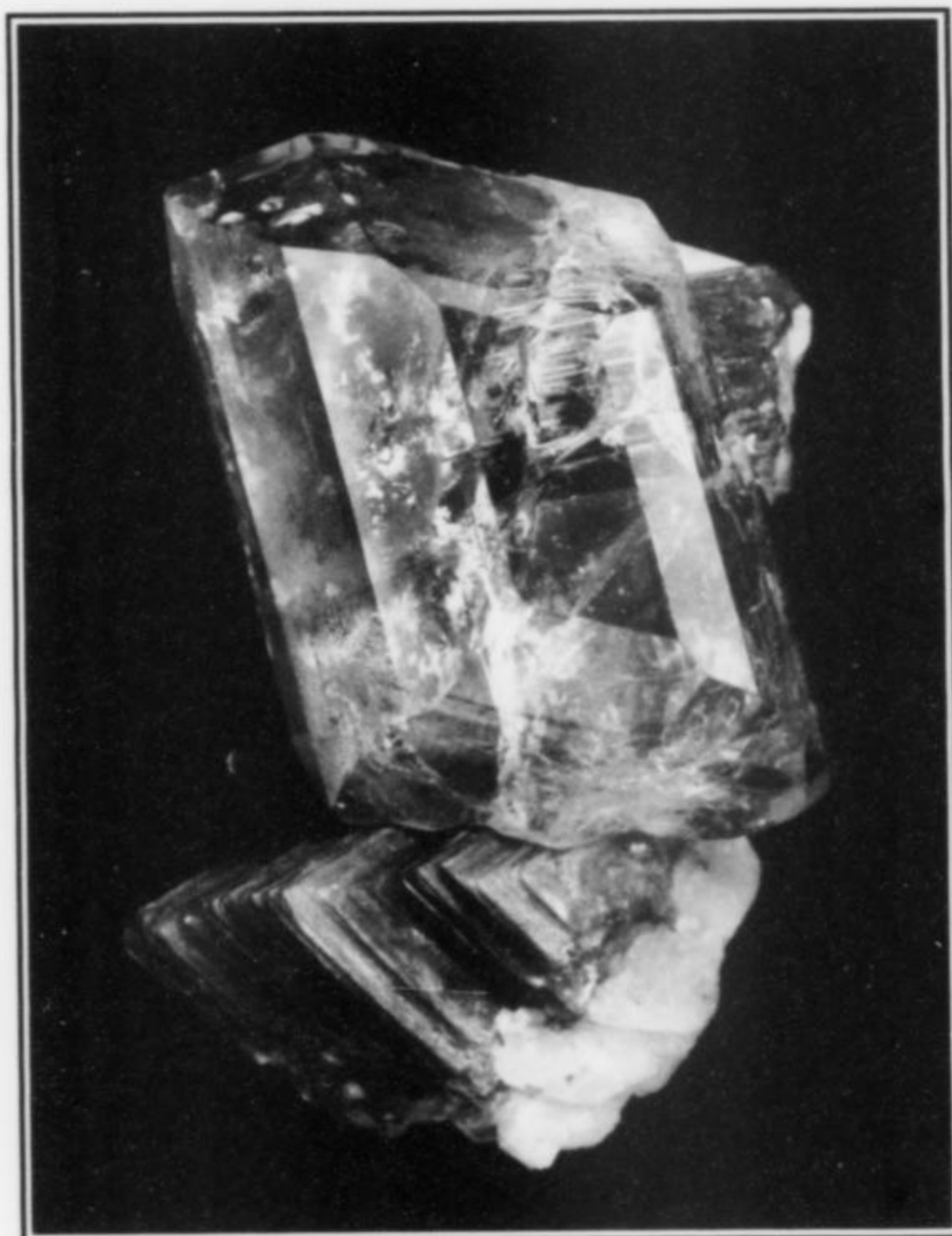


Gold, 8.25 cm, Colorado Quartz mine,
Mariposa County, California; mined in
2008. Natalie Freistad photo.

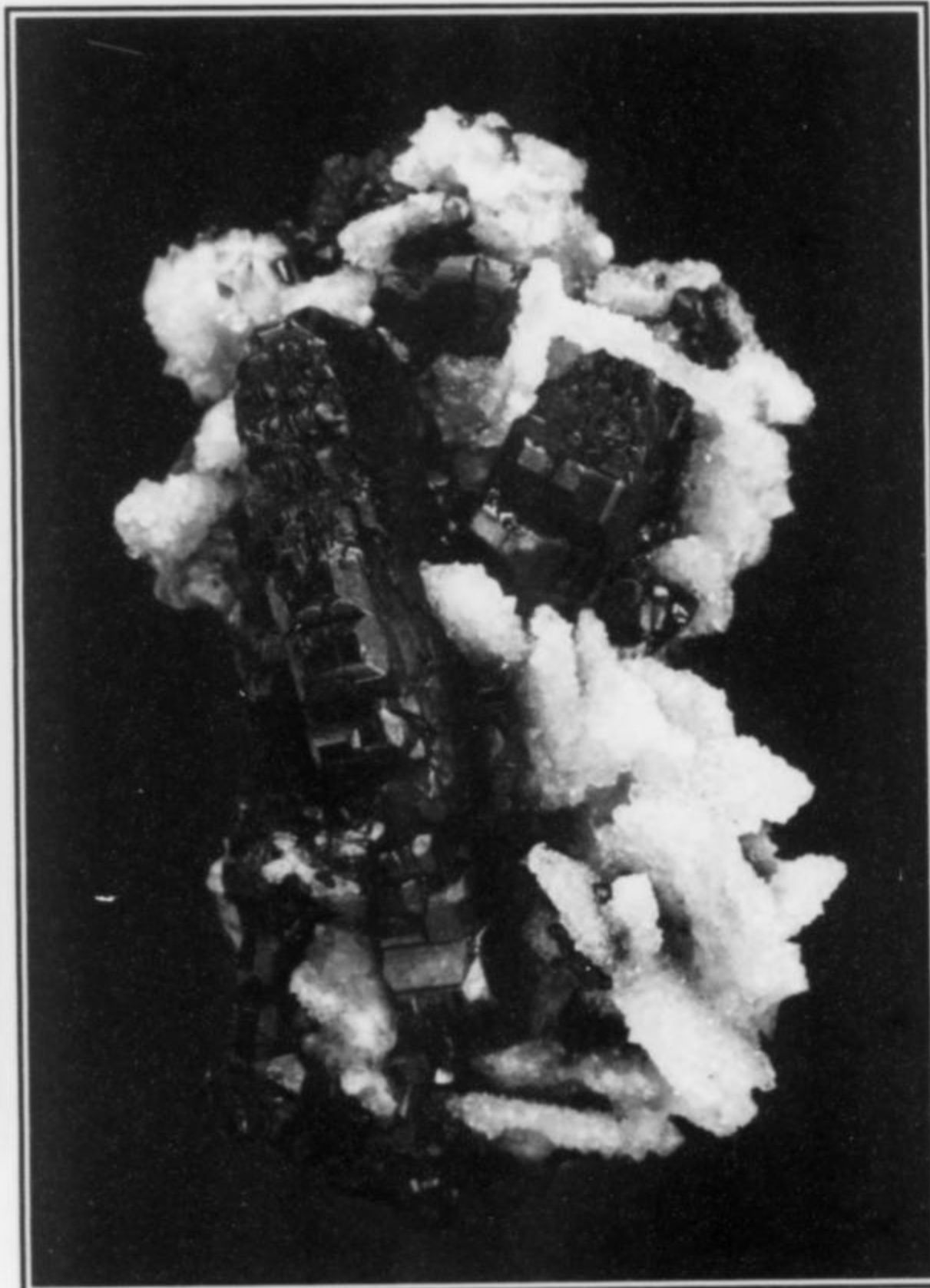


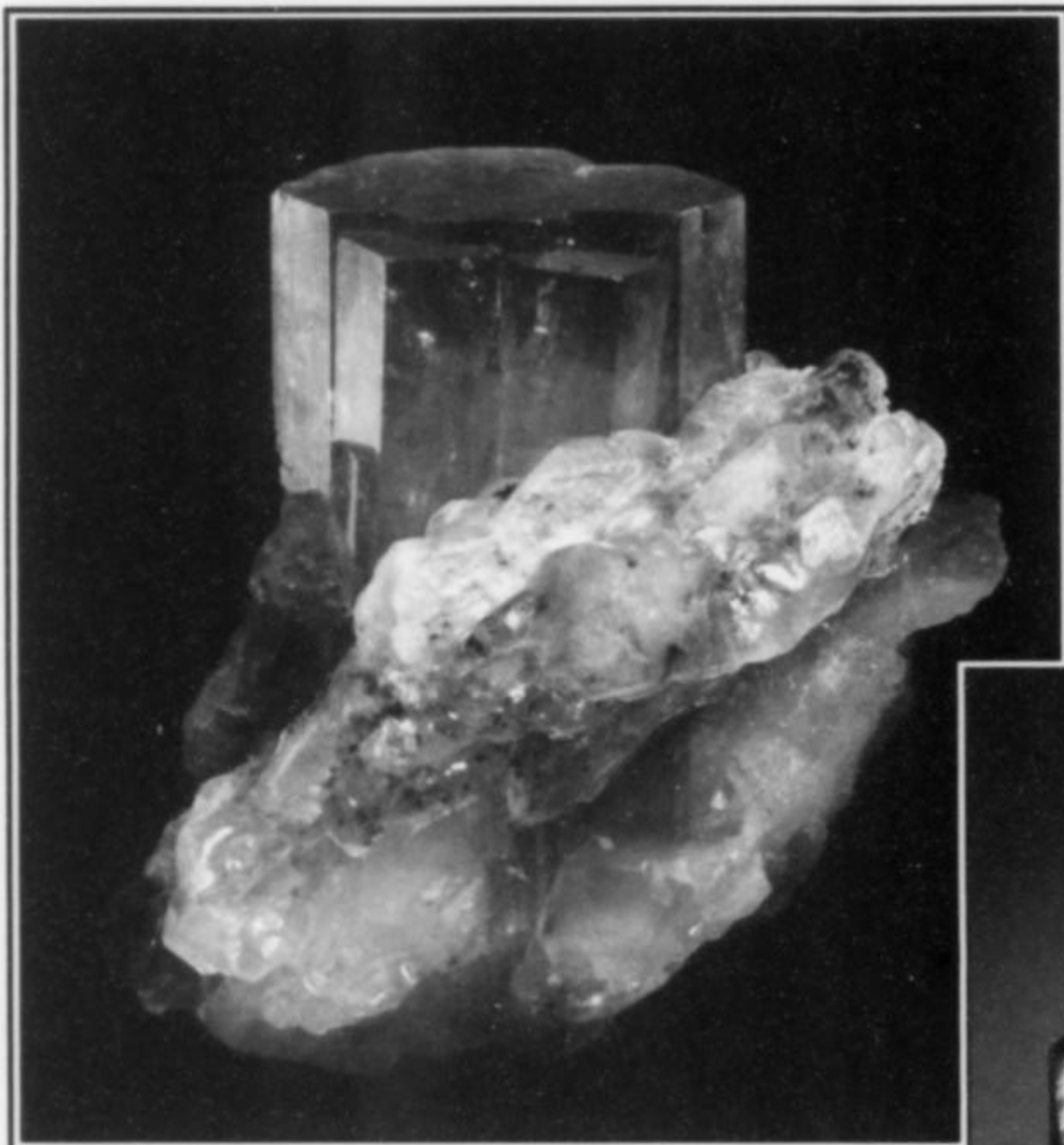
Pink fluorite on calcite, 6 cm, Argentière Glacier, Mont Blanc, Haute Savoie, France; mined in 1989. Jeff Scovil photo.

Bournonite, 6.1 cm, Herodsfoot mine, Cornwall, England; mined in 1850-1875. Ex Violet Dawson, Ed Bancroft collections. Jeff Scovil photo.

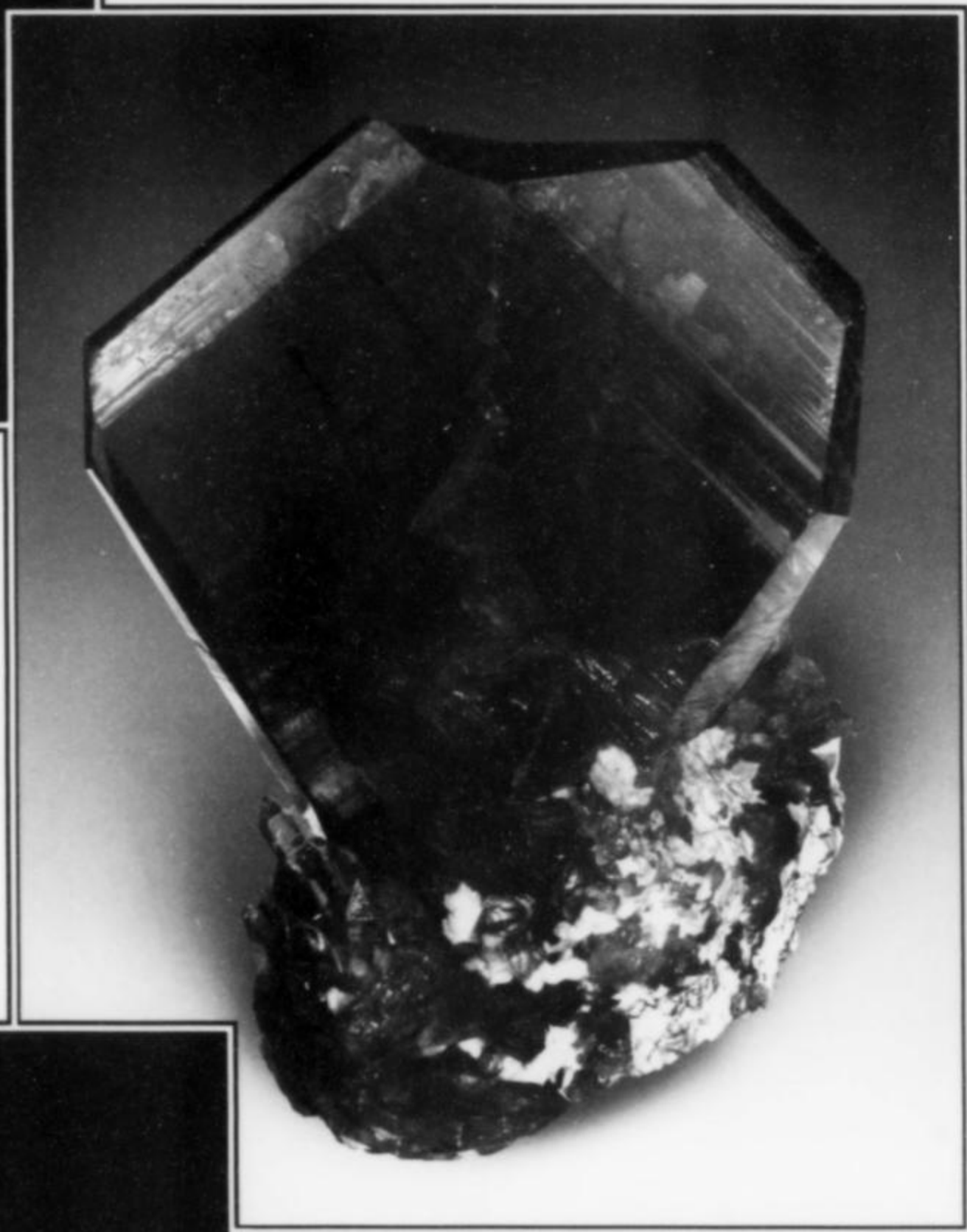


Brazilianite with muscovite, 4.5 cm, Córrego Frio, near Linópolis, Minas Gerais, Brazil. Ex Fred Kennedy, Wendell Wilson collections. Wendell Wilson photo.

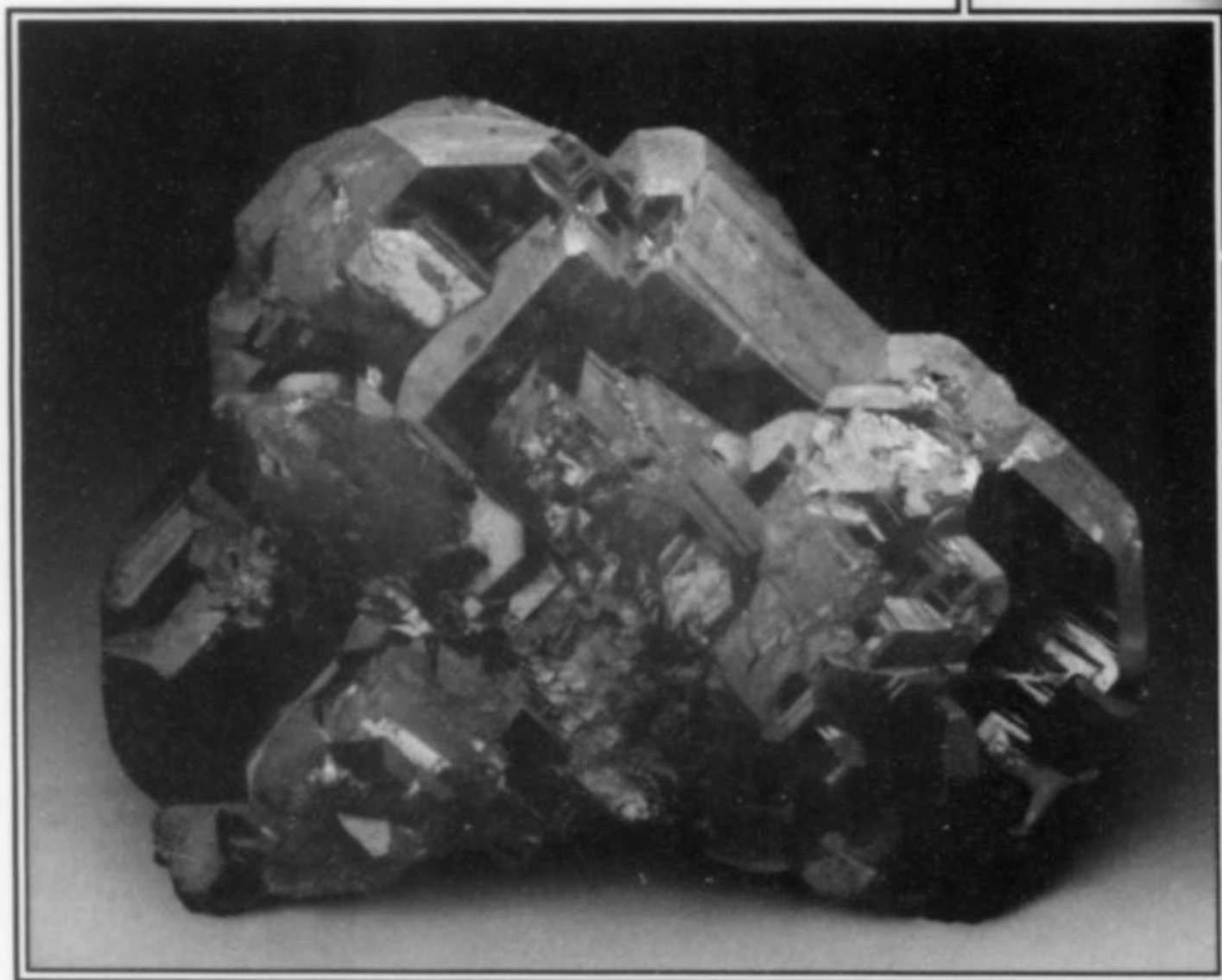




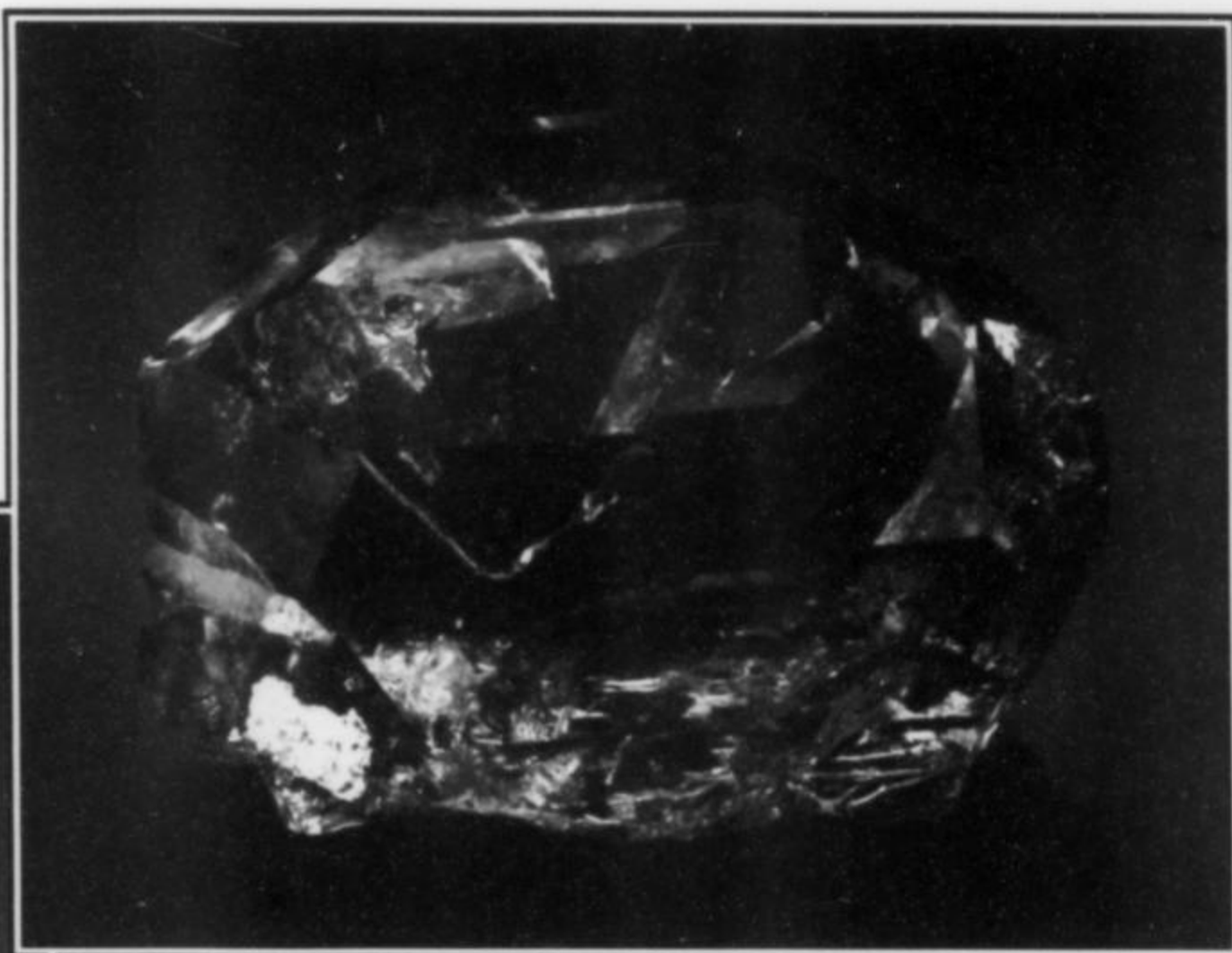
Emerald (beryl) on calcite, 3.5 cm,
Cosquez mine, Boyaca district,
Colombia; mined in 2003.
Jeff Scovil photo.



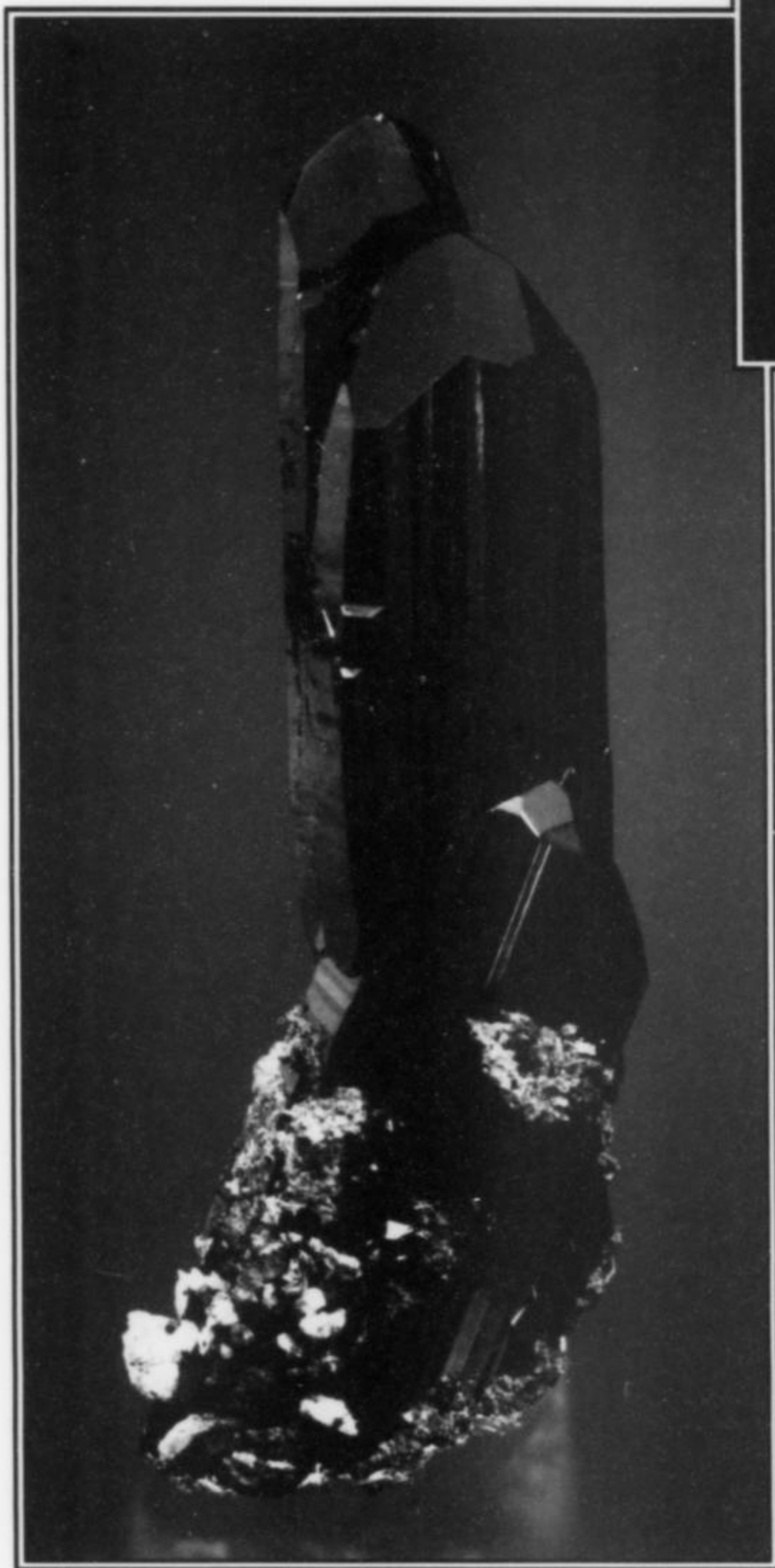
Smoky quartz (Japan-law twin), 8.4 cm,
Mina Tiro Estrella, Lincoln County, New
Mexico. Mined by Dick Jones in the 1960s.
Wendell Wilson photo.



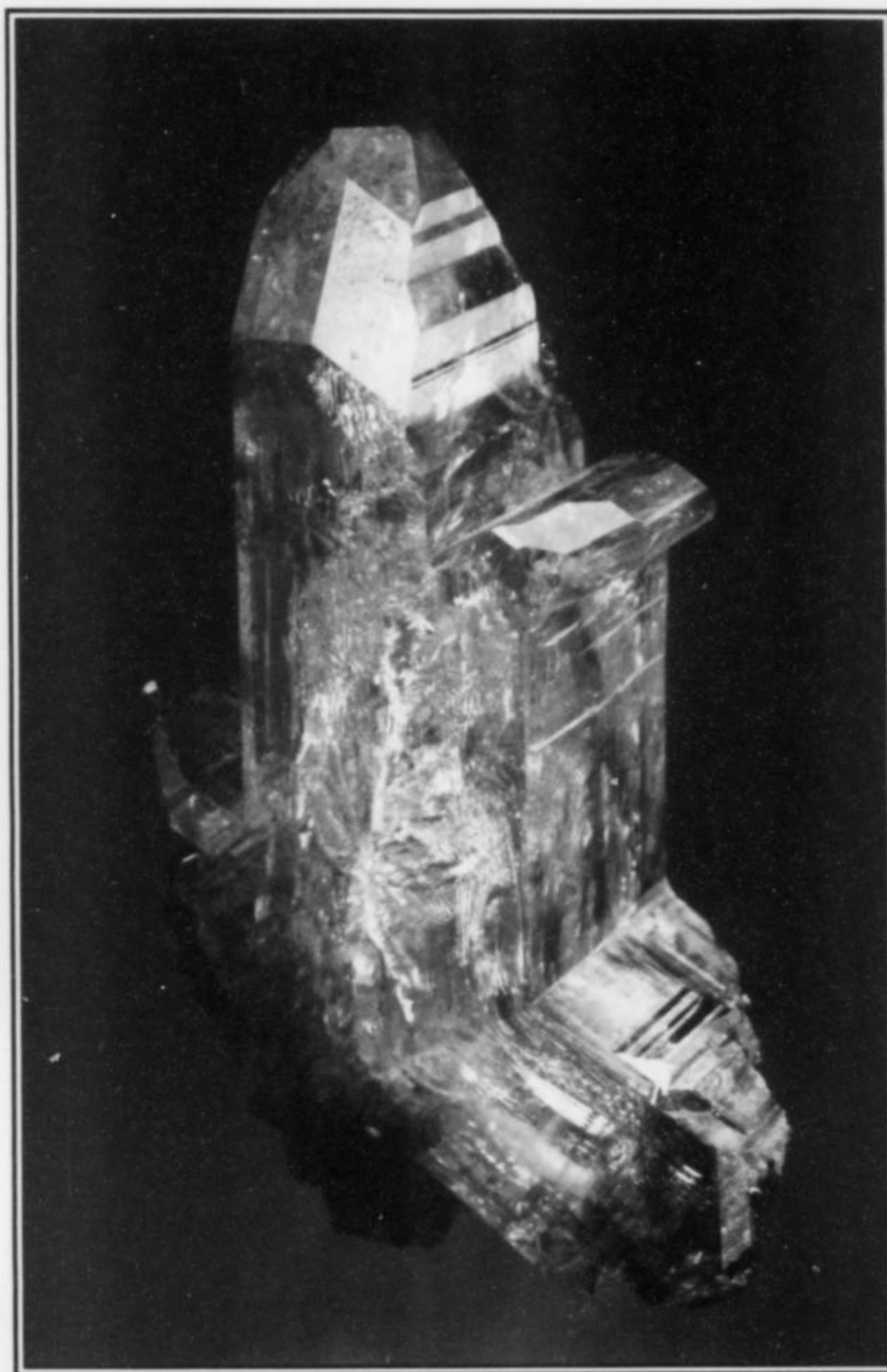
Wulfenite, 4.5 cm, Red Cloud mine, La
Paz County, Arizona. Mined in 1938 by
Ed Over; ex Rick Rolater collection.
Jeff Scovil photo.



Fluorite (spinel-law twin), 4.5 cm, Naica, Chihuahua, Mexico. Jeff Scovil photo.

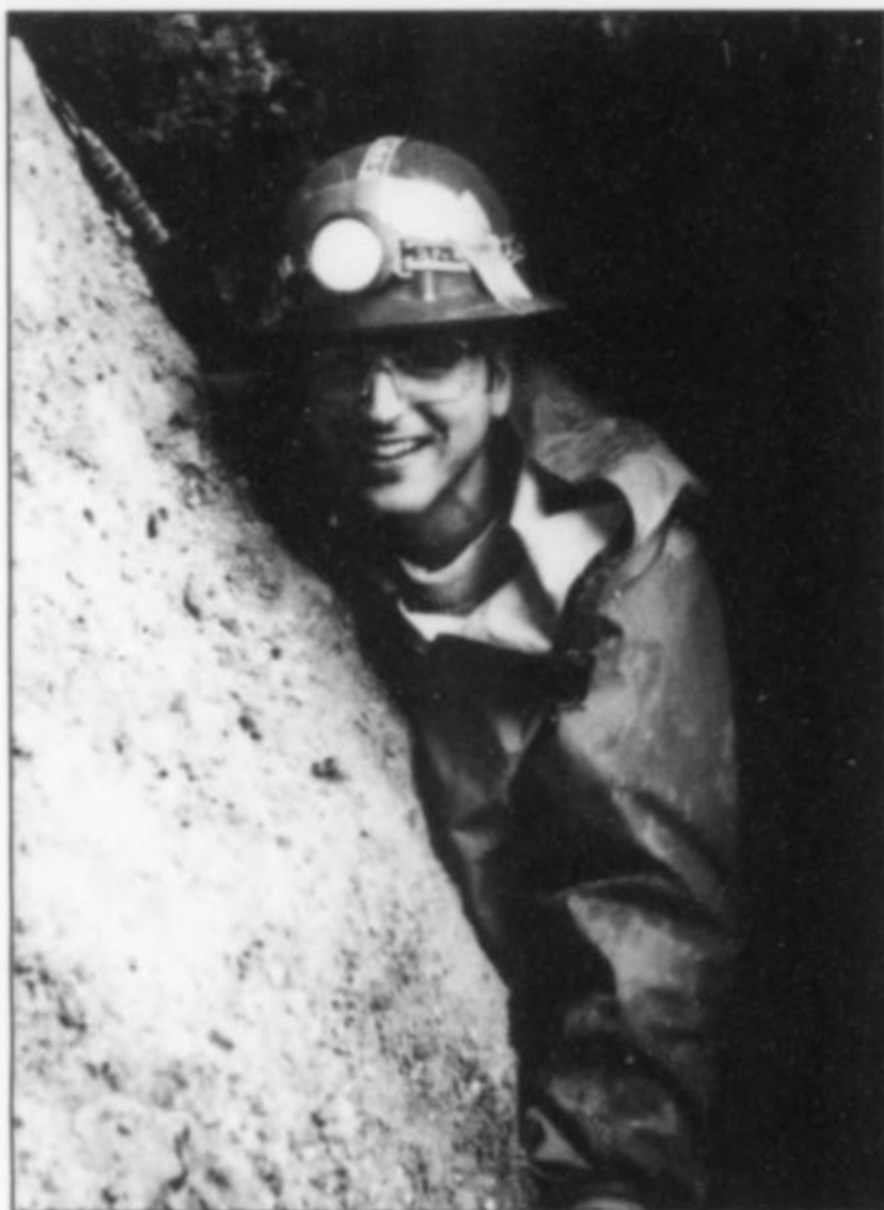


Azurite, 6.4 cm, Tsumeb mine, Tsumeb, Namibia. Ex Marshall Sussman collection. Jeff Scovil photo.



Cerussite, 6.1 cm, Tsumeb mine, Tsumeb, Namibia. Ex Marshall Sussman collection. Jeff Scovil photo.

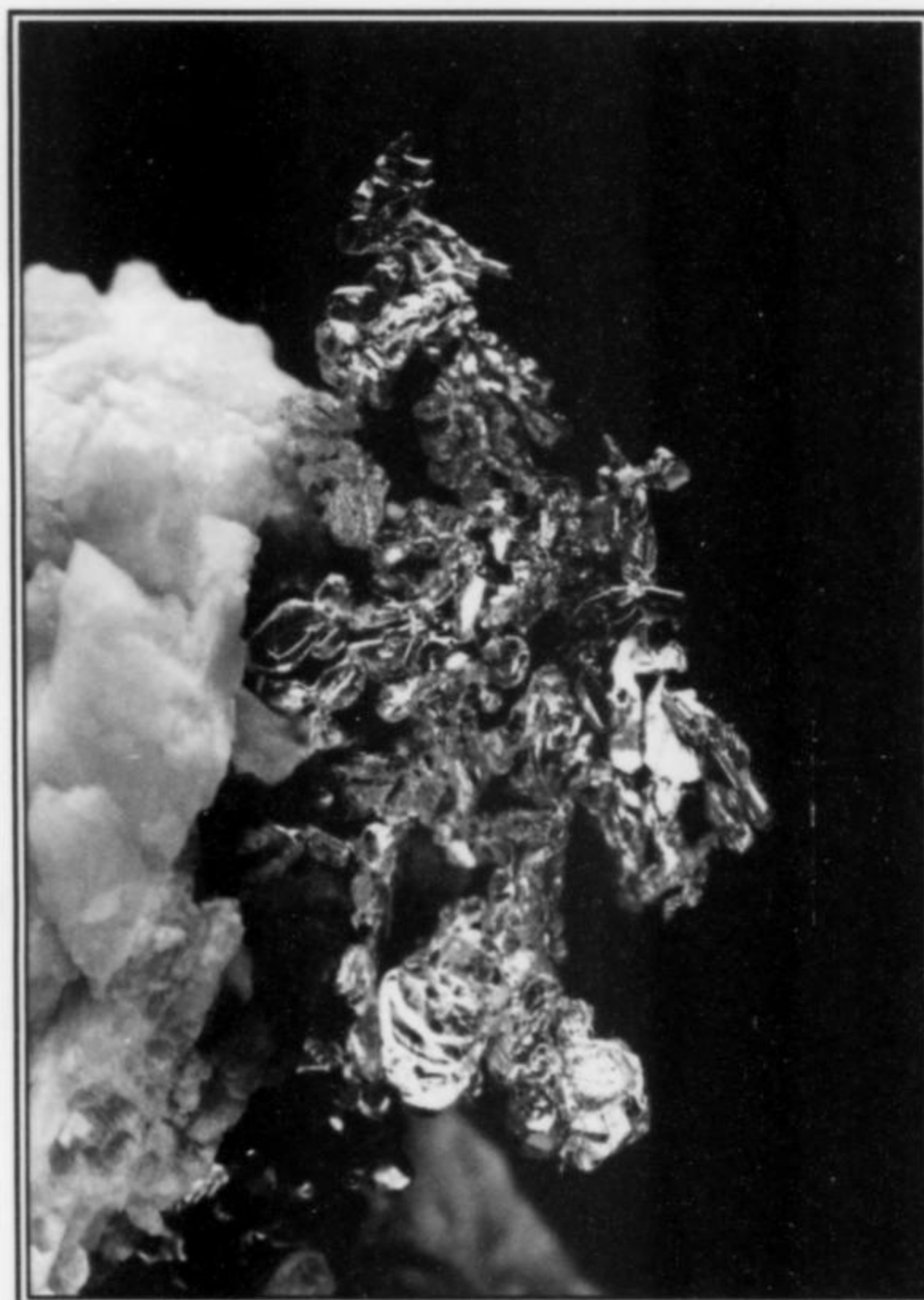
Mark Mauthner



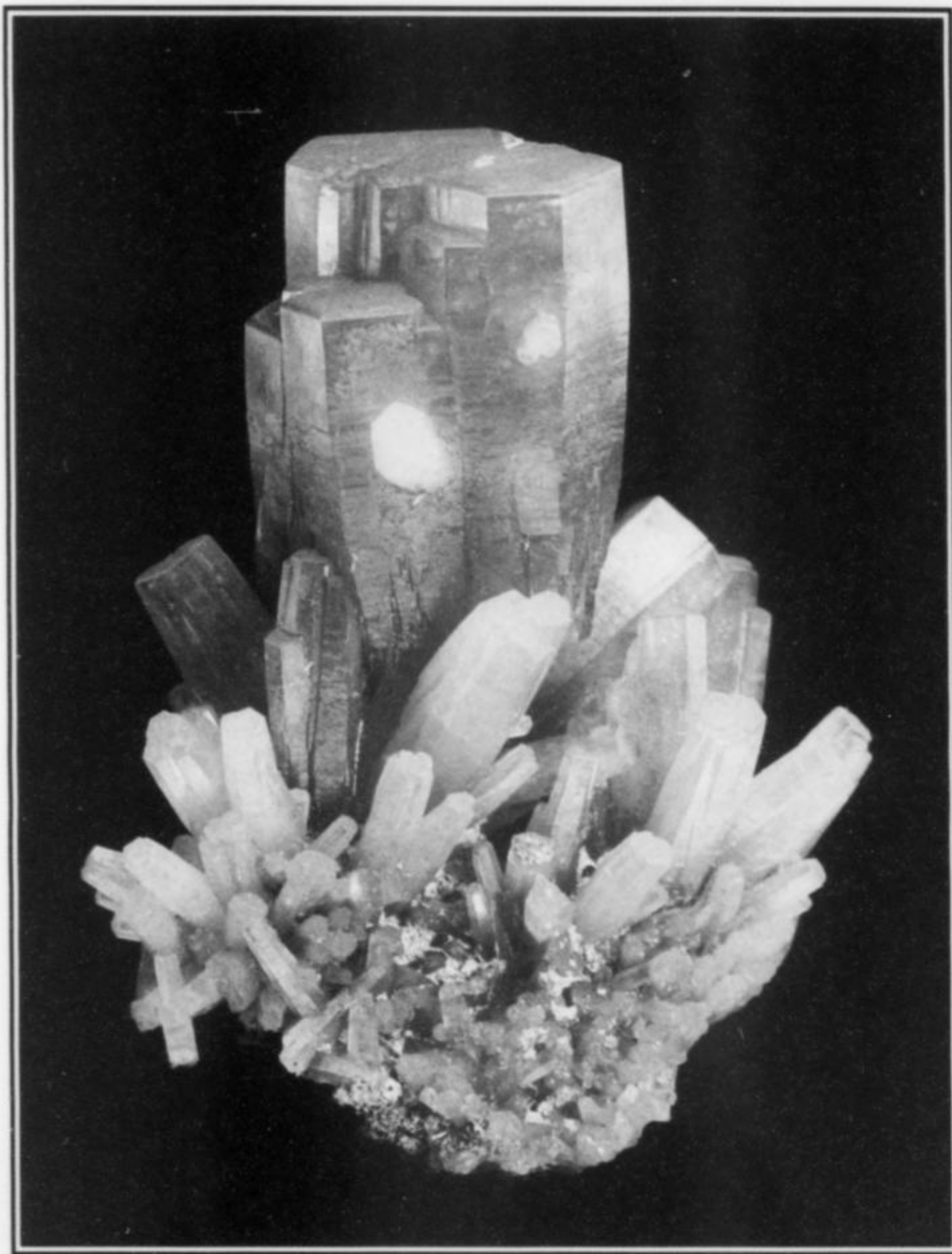
Perhaps like many collectors, I started out as a "species" collector. If a particular mineral with a name that I had not yet ticked off in my Golden Guide's index crossed my path, I tried to add it to my collection. My father built a bookshelf and retrofitted it with glass panes to house my collection and by the time I reached the third grade I had 115 rock, mineral and fossil specimens, all labeled (though not always accurately . . .). It was not until 20 years later, when I first met other collectors, that I began any sort of specialization, more out of circumstance than anything. I collected sulfides, sulfosalts, and zeolites because they were plentiful in British Columbia, and pegmatite minerals (particularly phosphates) once I started my thesis project. I also like building suites that range from comprehensive research-oriented locality suites to more esoteric sub-collections such as slickenside minerals and rainbow color sets. I have specimens that I don't think I'll ever part with, but it would be hard to characterize what they all have in common. Some remind me of personal experiences or of the life and times of previous owners. Some allow me to better appreciate what minerals mean to our existence, and some illuminate for me some secret of the workings of the universe. Most of all, I enjoy contemplating the stories behind each specimen.



Gold, largest cluster is 2.5 cm, Irish Gulch, Eldorado Creek, Dawson City, Yukon Territory, Canada. Jeff Scovil photo.

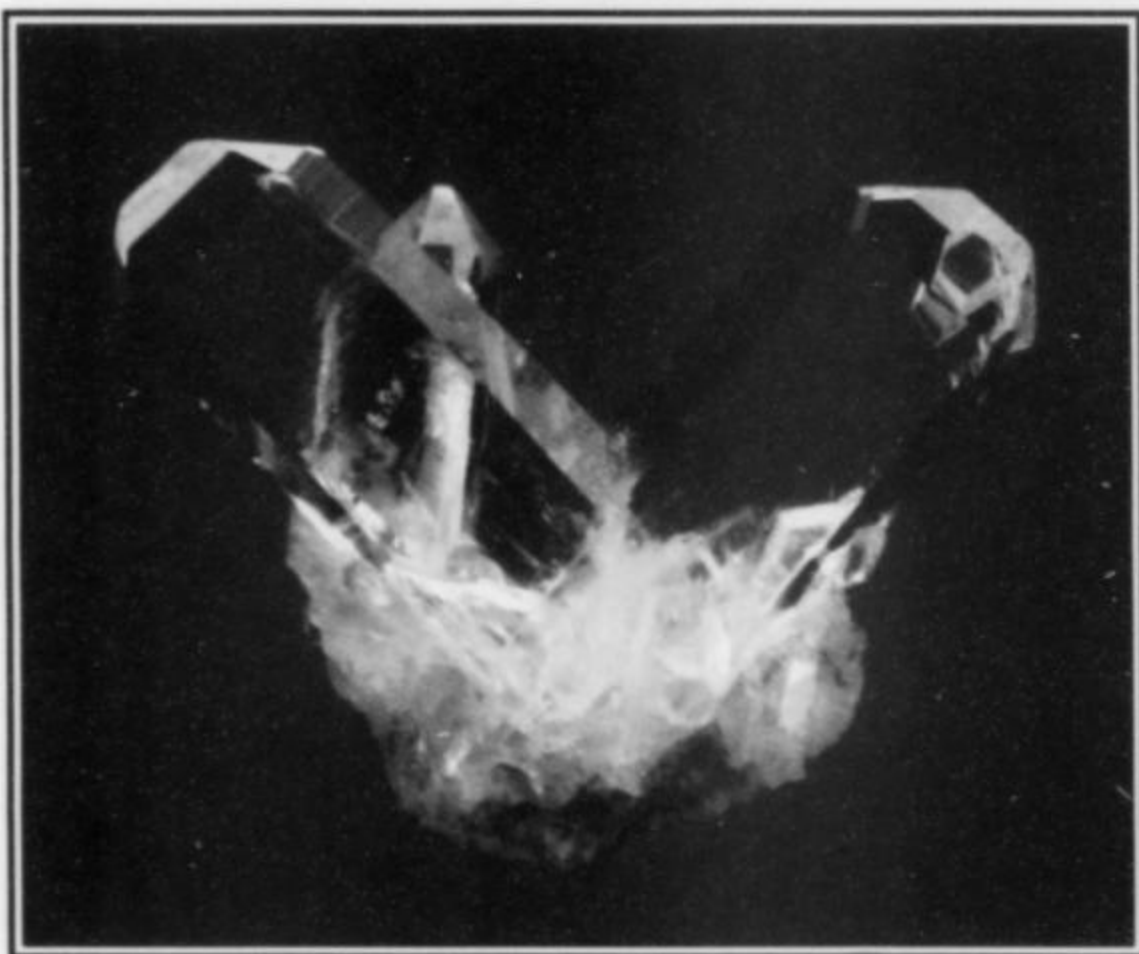


Gold, 3.7 cm, Eagle's Nest mine, Placer County, California. Mark Mauthner photo.

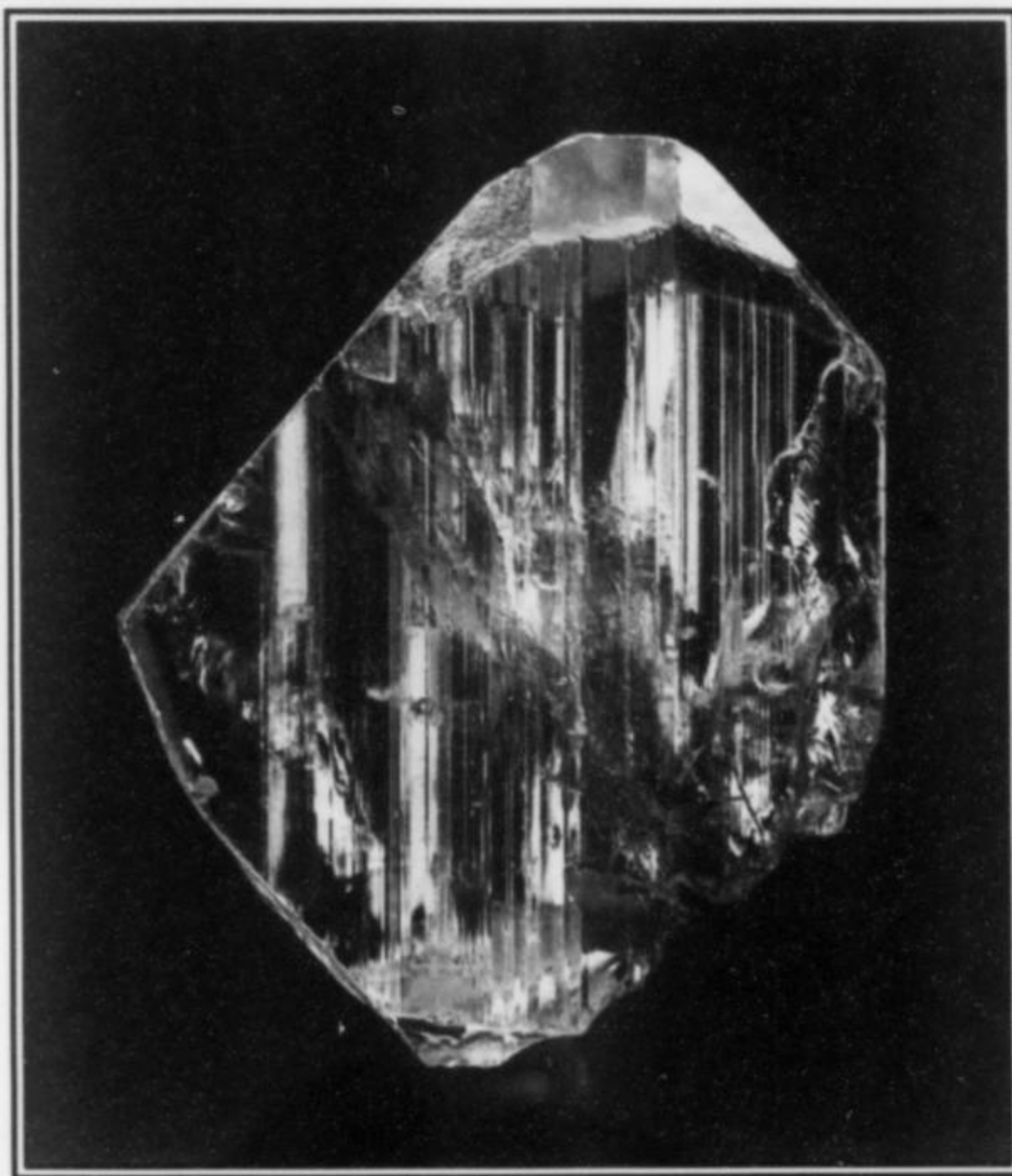


**Pyromorphite, 2.6 cm,
Society Girl mine, Moyie,
British Columbia, Canada.
Jeff Scovil photo.**

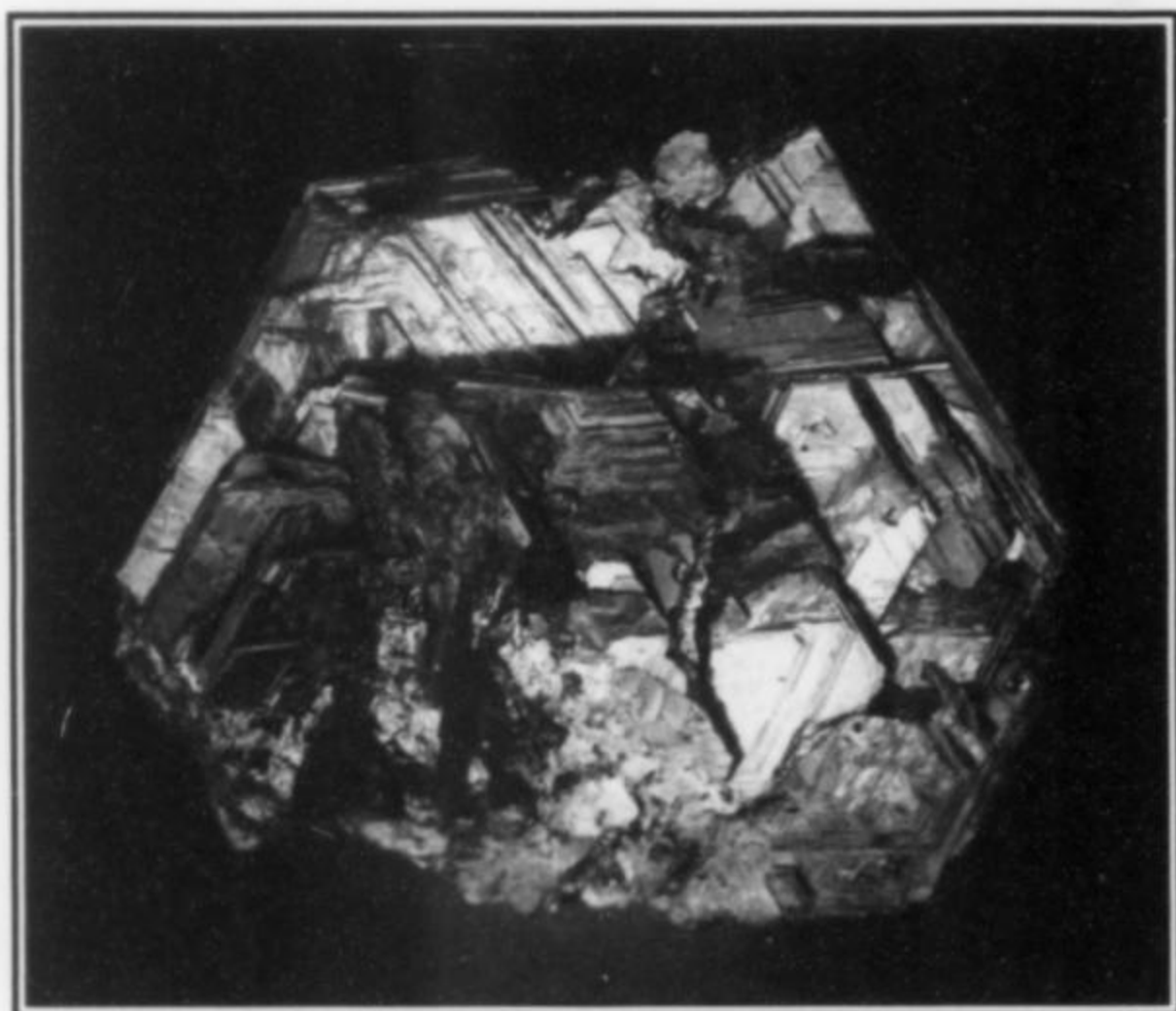
**Forsterite, 1.7 cm,
Zabargad (St. John's)
Island, Red Sea, Egypt.
Jeff Scovil photo.**



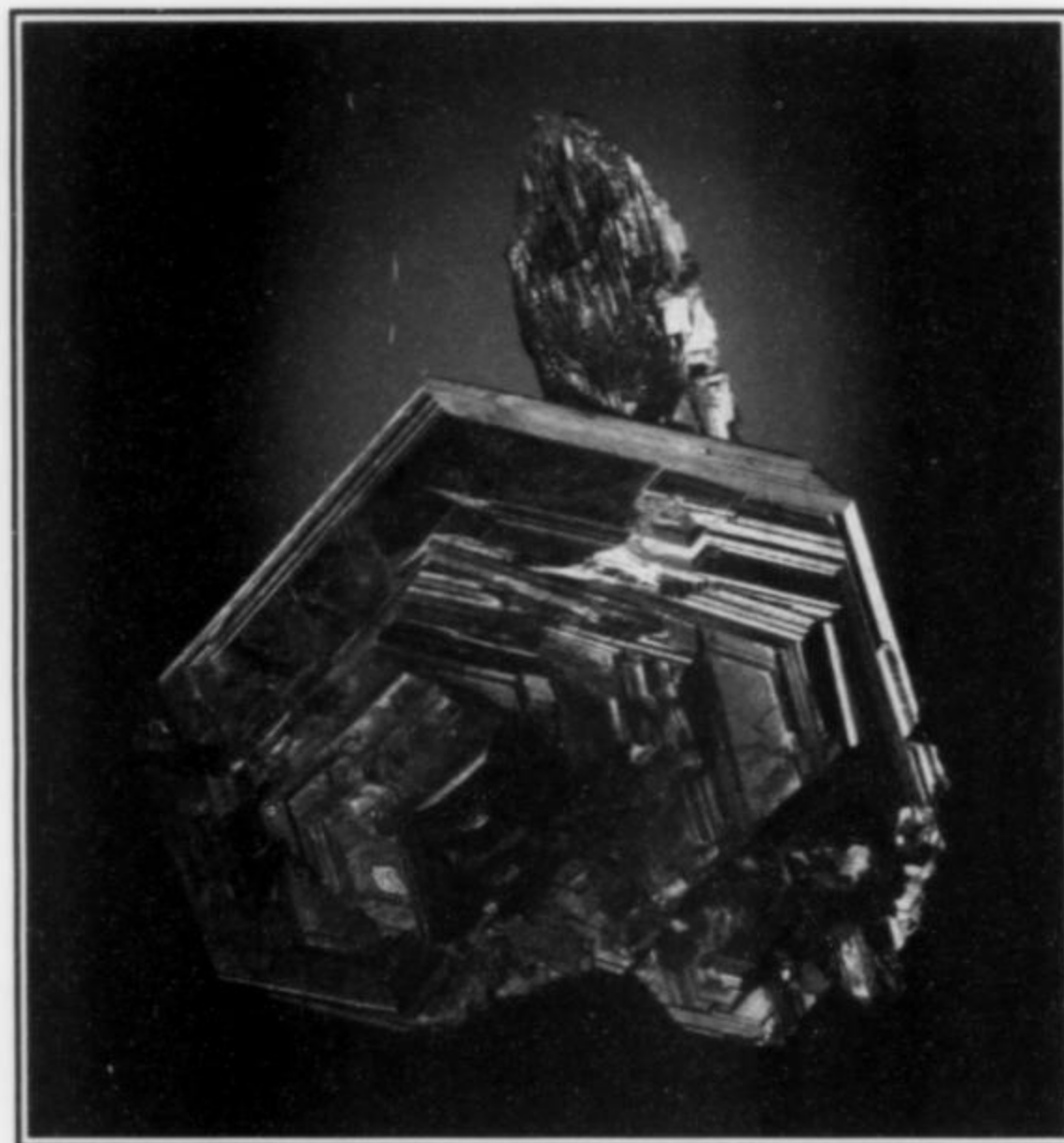
**Quartz (Japan-law twin), 2 cm, JLM
claims, Passmore, British Columbia,
Canada. Mark Mauthner photo.**



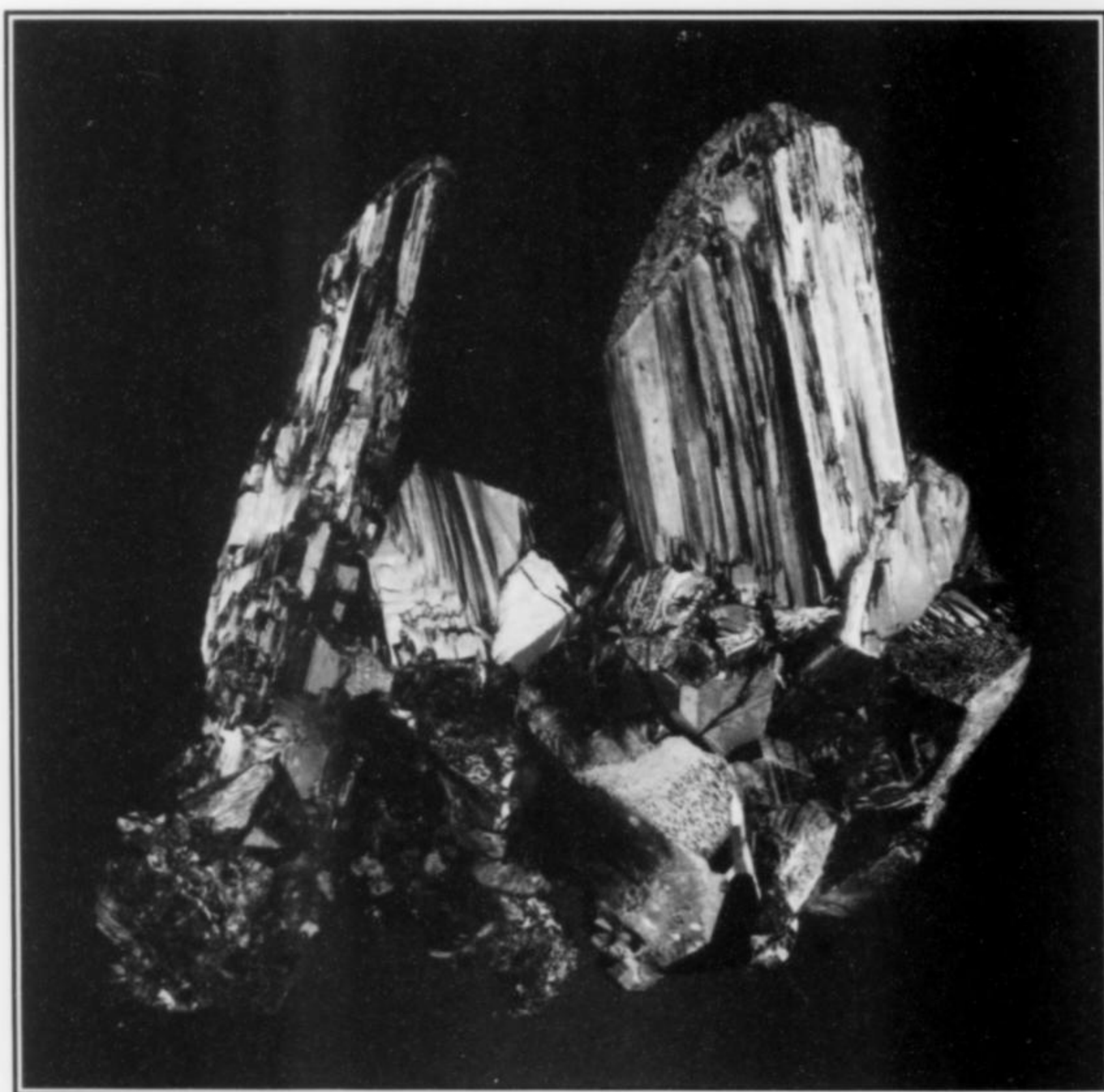
Minerals of the Yukon Territory



Polybasite, 2.4 cm, Stope 302, Husky Mine, Elsa, Mayo Mining District, Yukon Territory, Canada. Mark Mauthner photo.



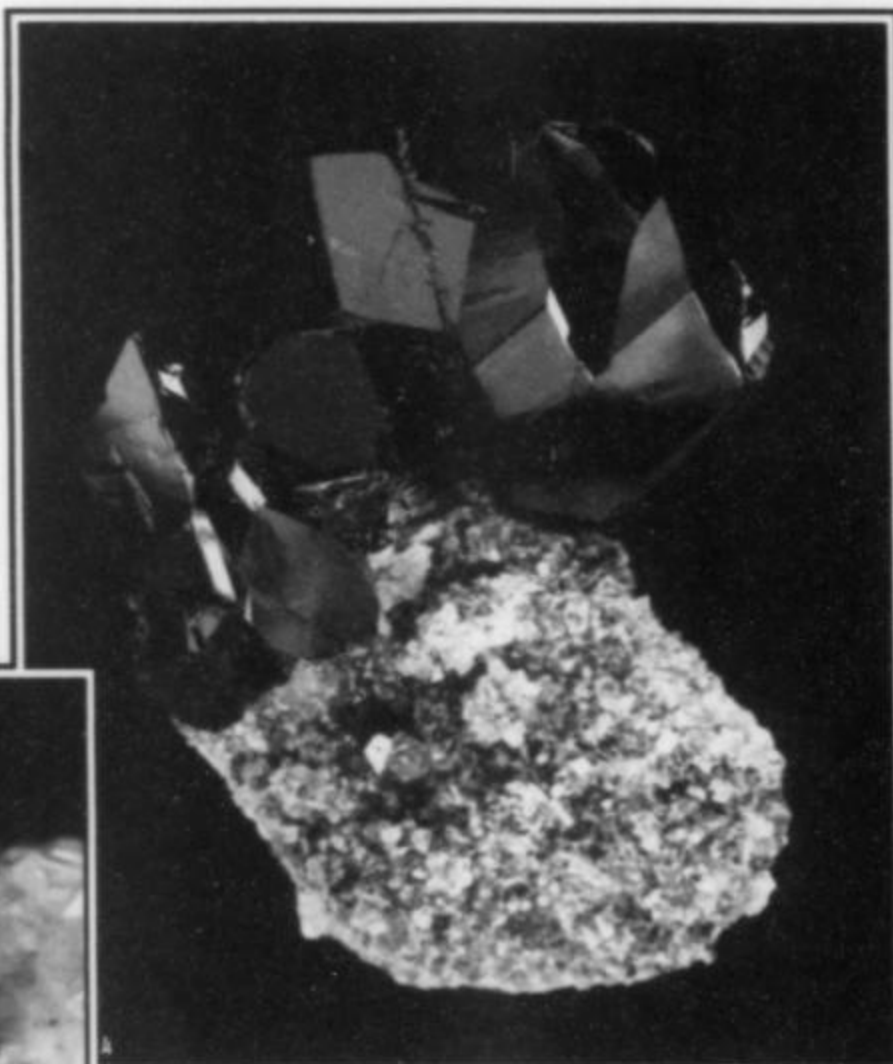
Polybasite with stephanite, 1.6 cm, Stope 302, Husky Mine, Elsa, Mayo Mining District, Yukon Territory, Canada. Mark Mauthner photo.



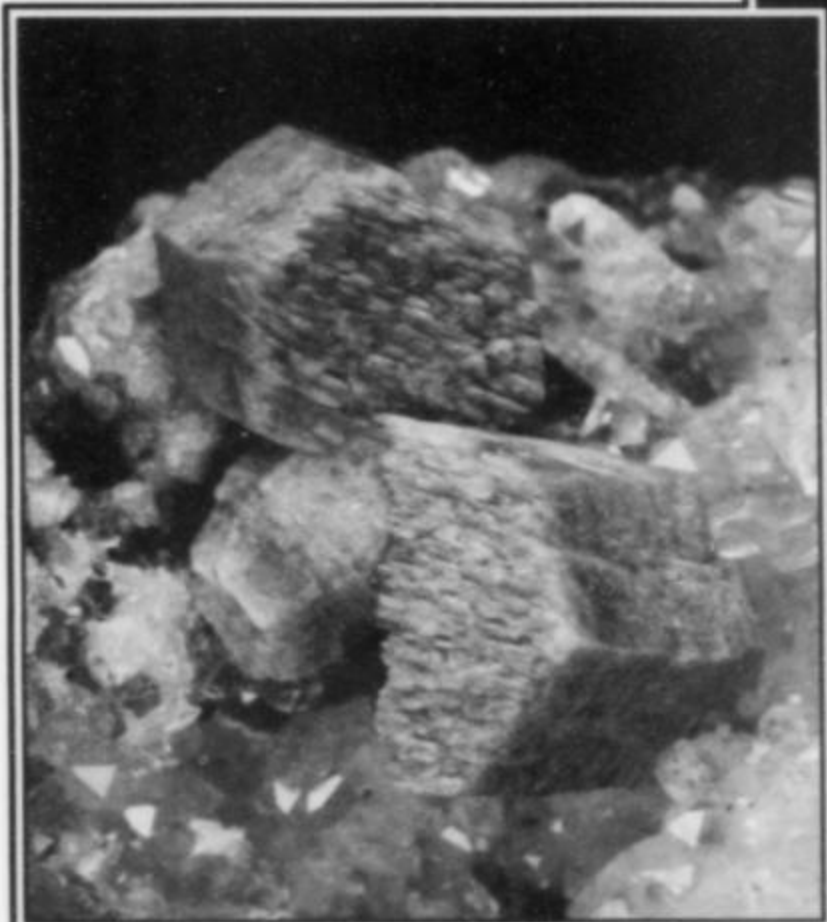
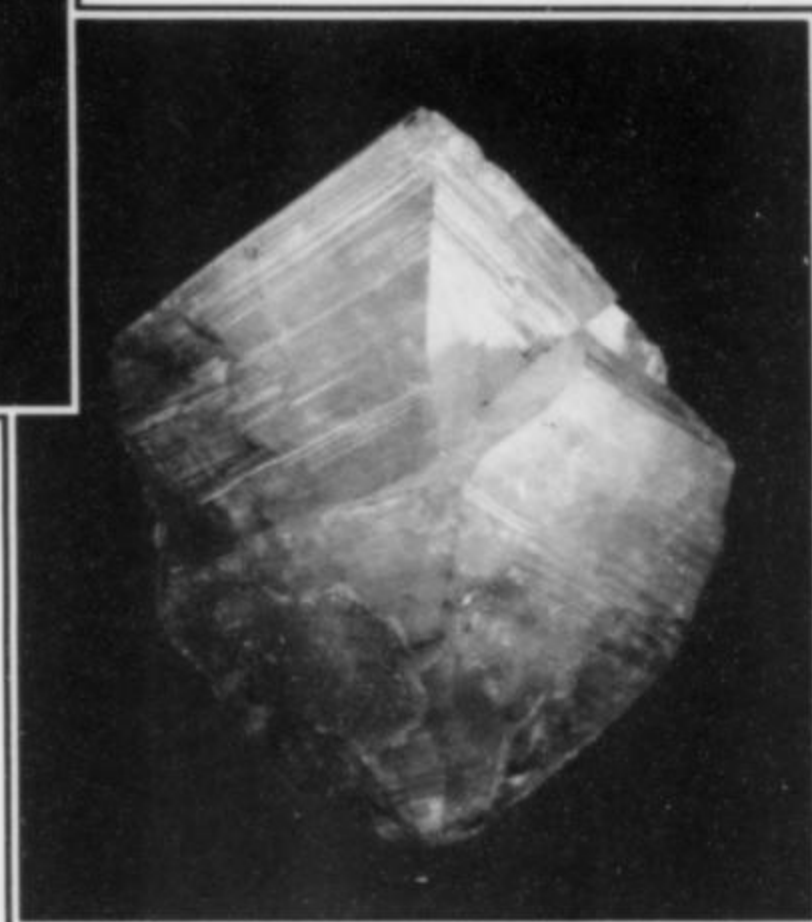
Stephanite, 3 cm, Stope 302, Husky Mine, Elsa, Mayo Mining District, Yukon Territory, Canada. Mark Mauthner photo.

These three specimens are part of the now well-known "stope 302" find, made in the spring of 1977 by Joe "Little Joe" Weinholtzner and Ron Shiletto. Joe had kept most of his best pieces carefully wrapped in cotton and out of the light, which affects the vivid iridescence.

Whiteite-(CaFeMg), 2.1 cm cluster, Rapid Creek, Yukon Territory, Canada. Mark Mauthner photo.



Wardite, 2.8 cm, Stoneman Camp, Rapid Creek, Yukon Territory, Canada. Mark Mauthner photo.

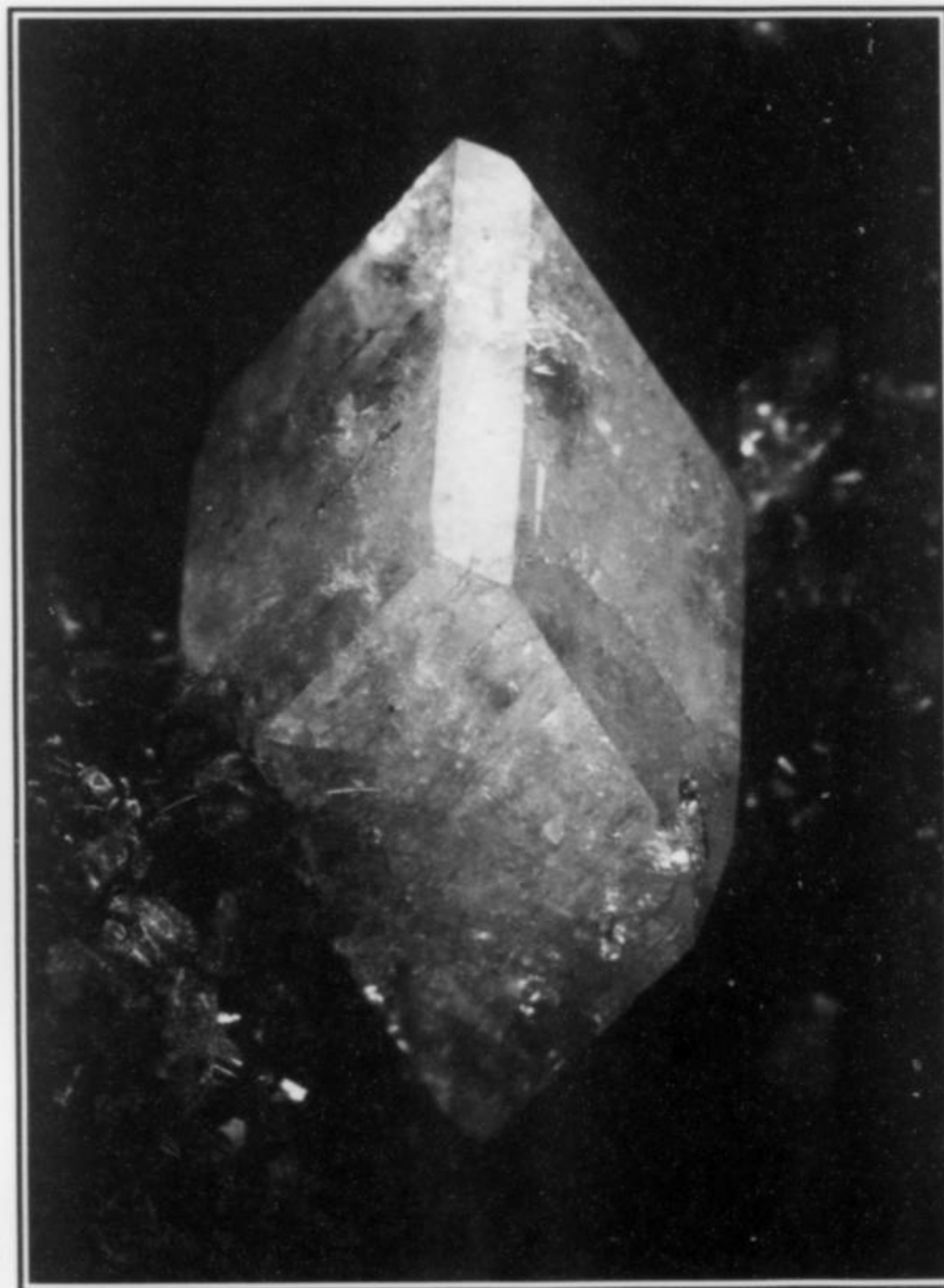


Lazulite, 2.6 cm, Kulan Camp, Rapid Creek, Yukon Territory, Canada. Mark Mauthner photo.



Whiteite-(CaFeMg), 1.7-cm sheaf, Rapid Creek, Yukon Territory, Canada. Mark Mauthner photo.

Augelite (self-collected), 1 cm, Kulan Camp, Rapid Creek, Yukon Territory, Canada. Jeff Scovil photo.





**Pyrite, 3.5 cm, Nanisivik mine,
Nanisivik, Baffin Island, Nunavut,
Canada. Mark Mauthner photo.**



**Brazilianite, 4.8 cm, Telirio mine, near
Linópolis, Minas Gerais, Brazil.
Jeff Scovil photo.**



**Corundum (ruby), 5-mm crystal, Datum
Baresho, Hunza Valley, Gilgit district,
Northern Areas, Pakistan. Jeff Scovil photo.**



**Wodginite epitactic on cassiterite, 3.6 cm,
Jabuti mine, São Geraldo de Baixo,
Minas Gerais, Brazil. Jeff Scovil photo.**

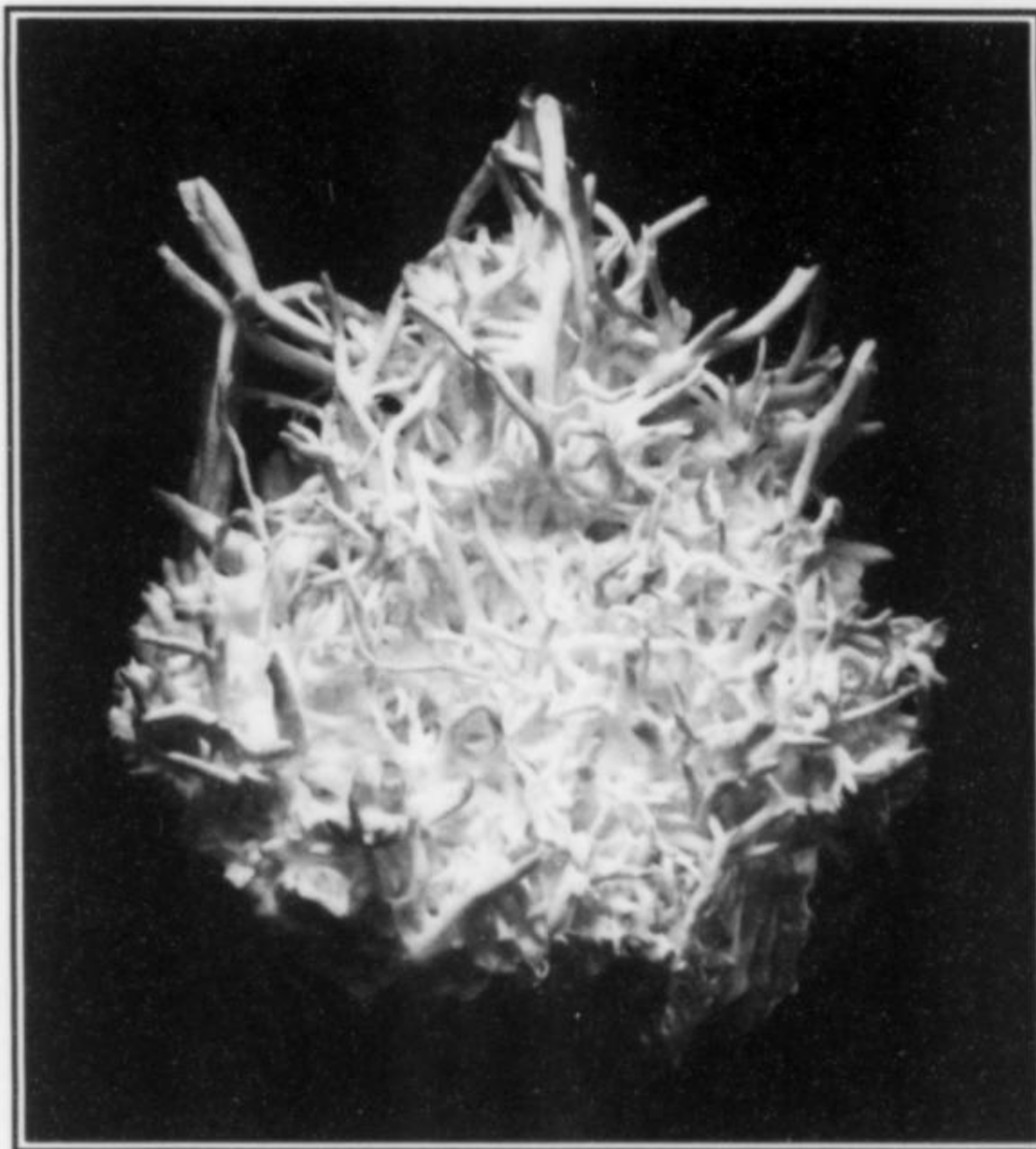
67. Aragonite (*Flos-ferri*).

35/-

*Erzberg,
Styria.*

*Lady Elizabeth Anne Coxe Hippisley collection
Stone Easton Park, Somerset.*

Aragonite ("flos ferri"), 8.5 cm, Erzberg, Eisenerz, Styria, Austria. The label, from the collection of noted British collector Sir Arthur Russell (1878–1964), indicates that he got it from the collection of Lady Elizabeth Anne Coxe Hippisley (1760–1843).
Jeff Scovil photo.



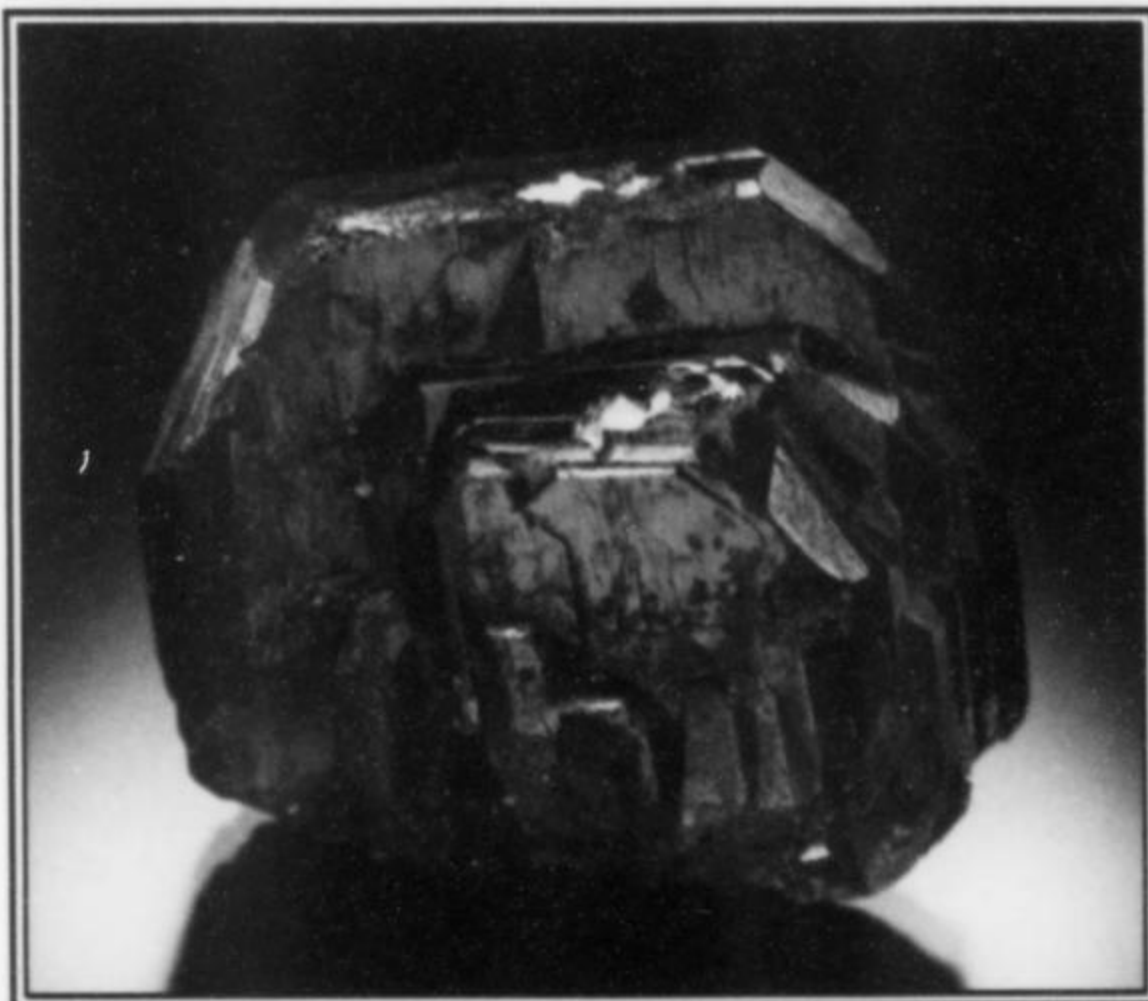
Historical Specimens



Bournonite, 1-cm crystal, Příbram, Stredocesky Kraj, Bohemia, Czech Republic. From the collection of Canadian geologist Walter F. Ferrier (1865–1950). Jeff Scovil photo.



Ferrocolumbite, 3.4 cm, Minas Gerais, Brazil. From the collection of John Sinkankas (1915–2002), and pictured in his book, (1964). Mark Mauthner photo.



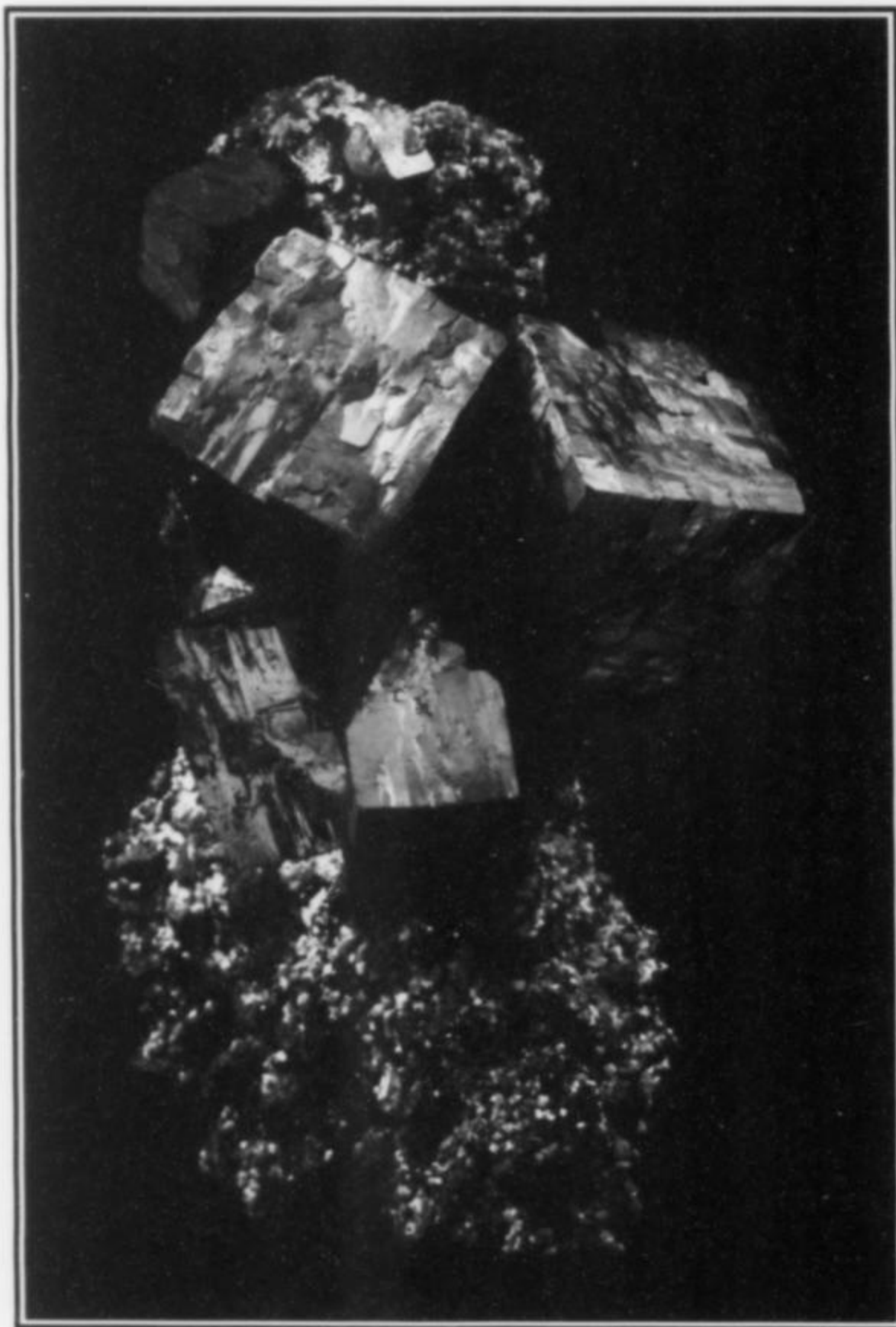
Mark Pospisil



I was born in New York City, where at the age of 12 I developed a fascination with dinosaurs and fluorescent minerals after my first visit to the American Museum of Natural History. That visit ultimately led me to choose a career in geology. I was introduced to serious mineral collecting while at Arizona State University, where I met a fellow geology student who was paying for his college tuition with Red Cloud wulfenite specimens he collected on trips with Dick Jones.

Today my collection has over 1,000 cataloged aesthetic mineral specimens and over 900 fluorescent pieces, plus a small collection of exceptional fossils. As with any collector, my collection has evolved and changed direction several times over the years. At various times I have put together suites of minerals based on locality, species, country or fluorescence. Currently I'm focusing on large, high-quality cabinet-size specimens.

I've been a participating member of the MAD group since 1984. Organizations like MAD bring together people who share a common passion. These organizations serve as a support network of fellow collectors who appreciate and understand the value, quality and uniqueness of a specimen and the sacrifice and commitment that it takes to put together an advanced collection.

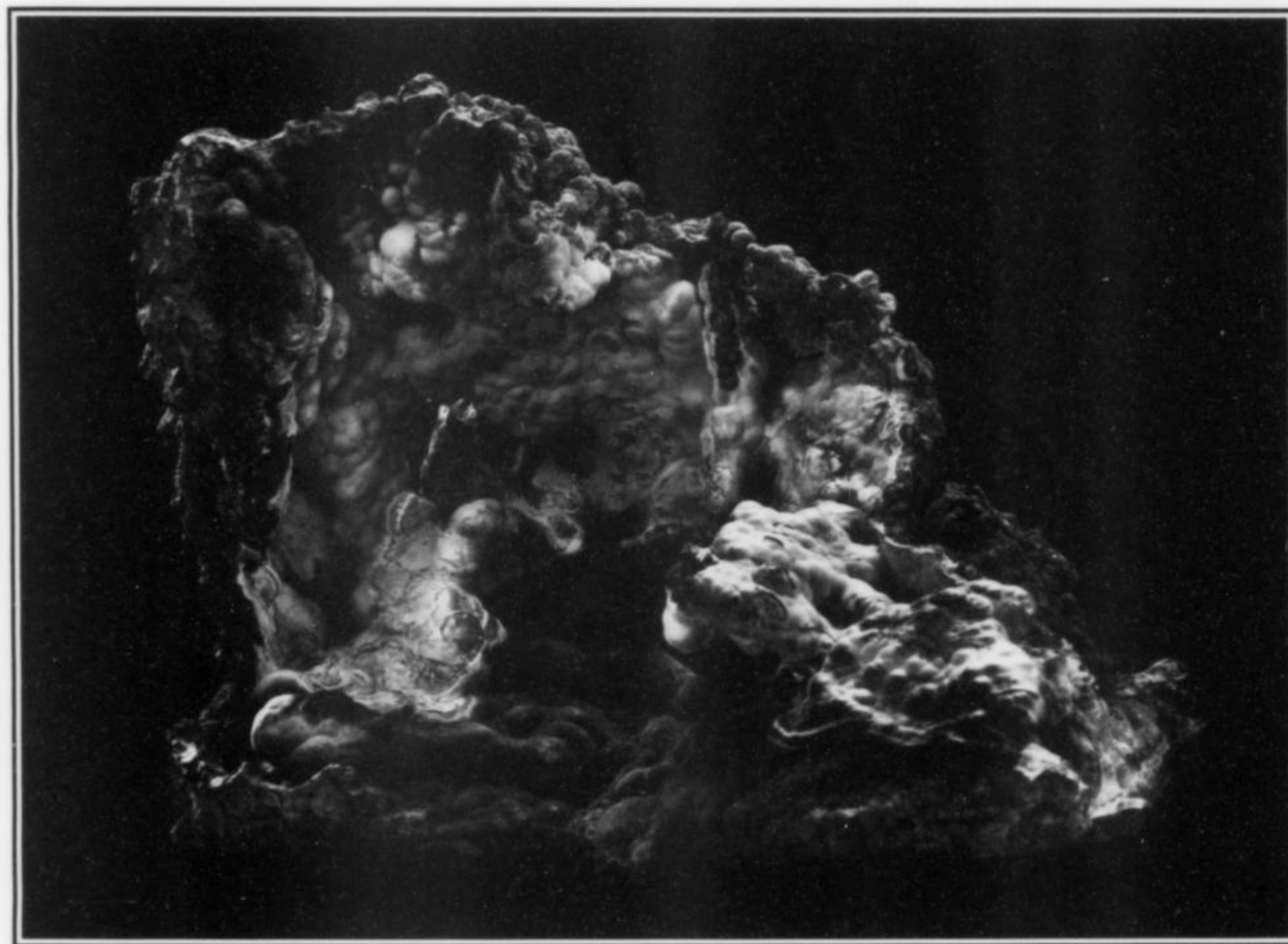


Mimetite crystals to 1.7 cm, Pingtoulung mine, Liannan, Guangdong Province, China. Joe Budd photo.

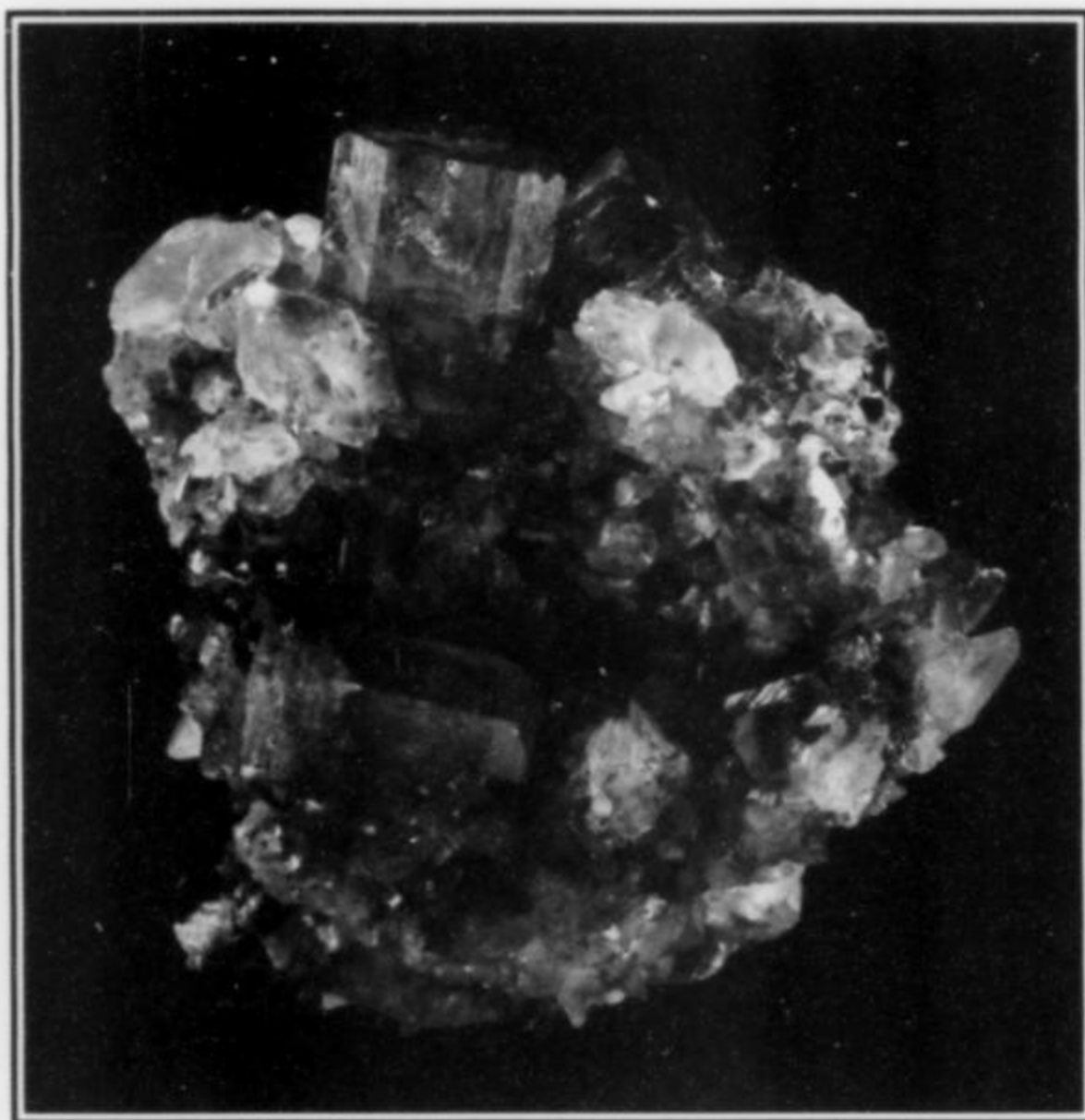
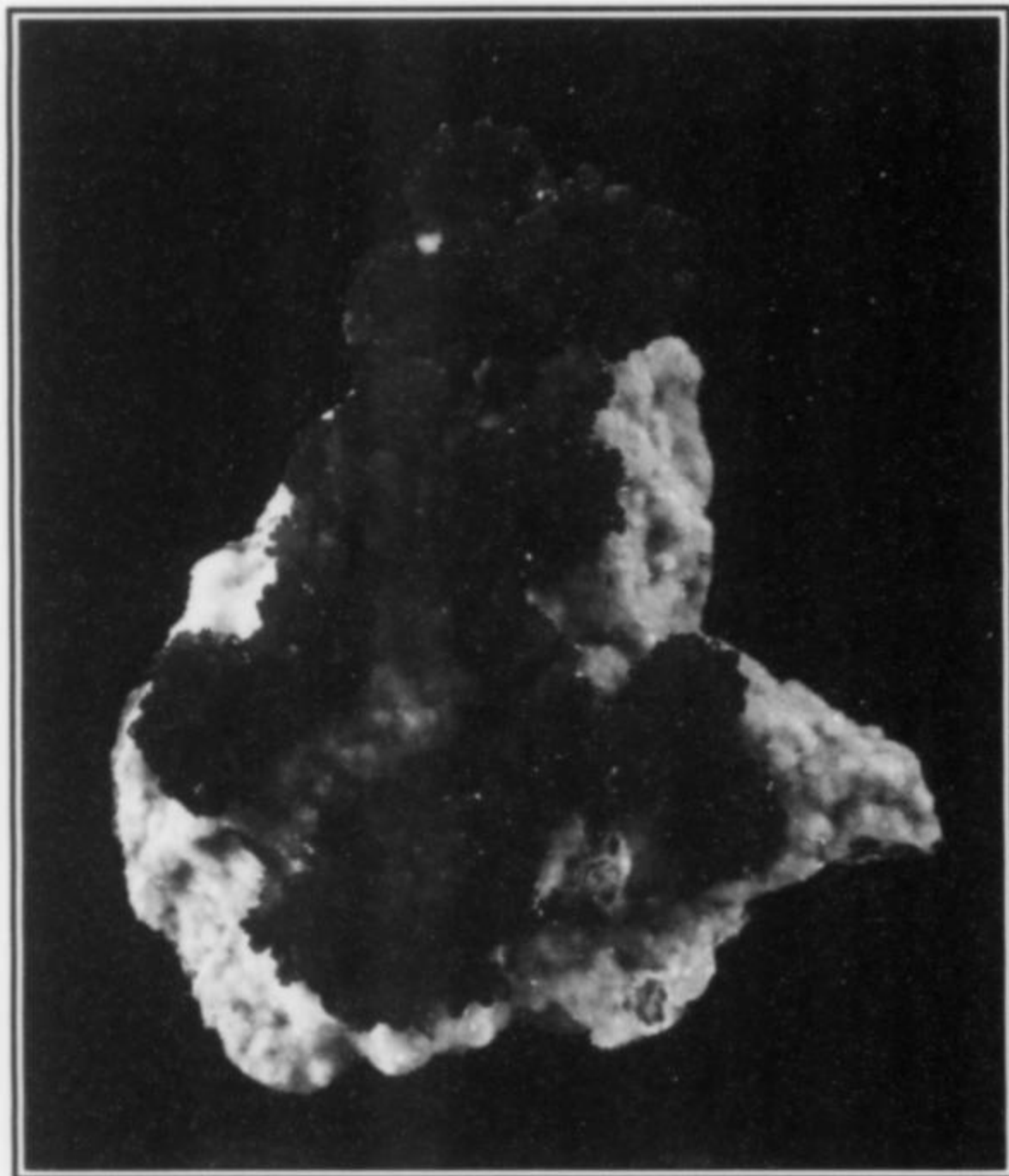
Galena, 30 cm, Sweetwater mine, Viburnum Trend, Reynolds County, Missouri. Tom Dubrock photo.



Wulfenite, 20 cm, Kuruktag Mountains,
Xinjiang Uygur Autonomous Region, China. Joe Budd photo.

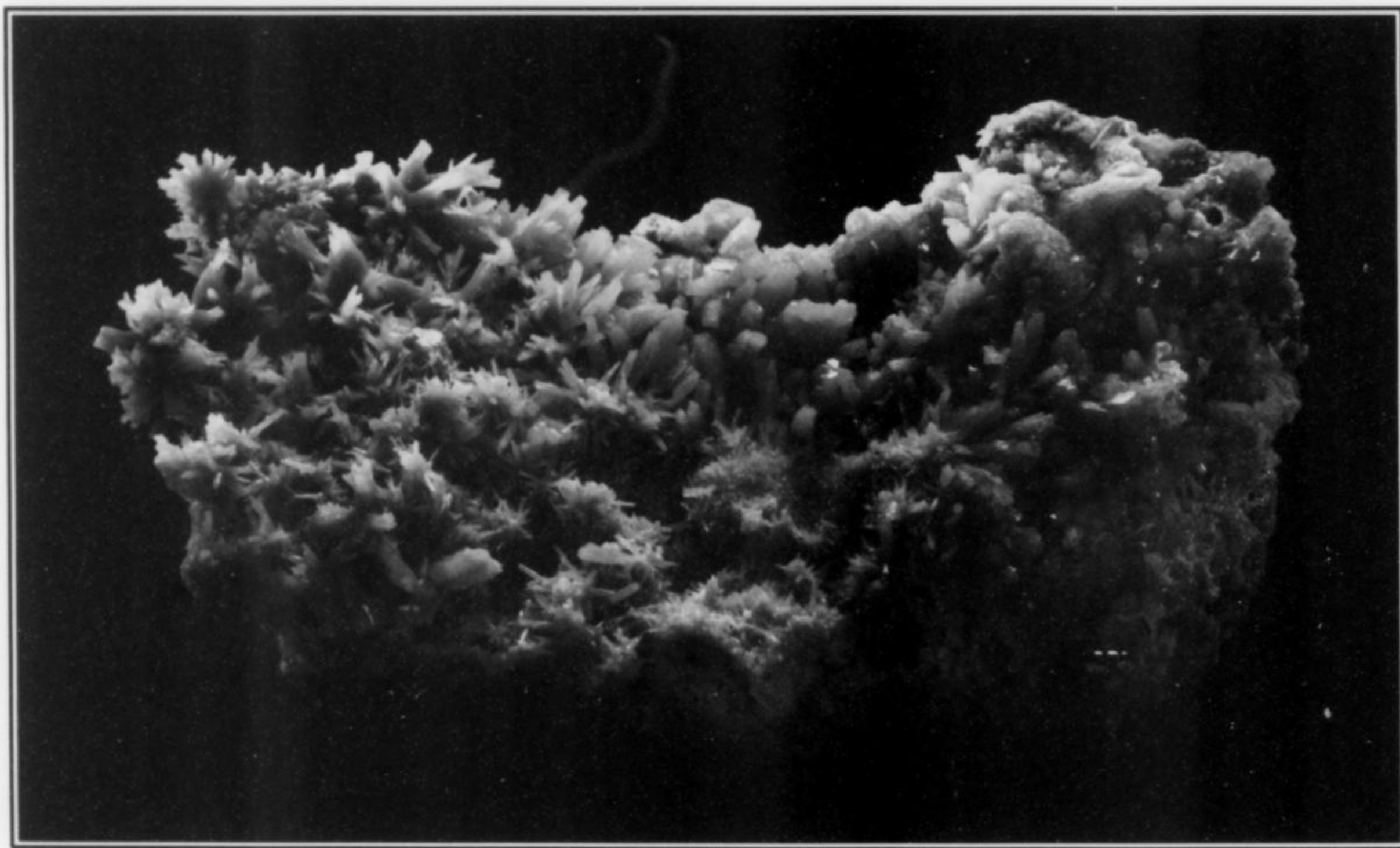


Azurite, 15 cm, Copper Queen mine, Bisbee, Arizona. Joe Budd photo.



Emerald beryl, 8.7 cm, Coscuez mine, Muzo, Boyaca district, Colombia. Joe Budd photo.

Cavansite, 12.5 cm, Wagholi quarry complex, Pune, Maharashtra, India. Joe Budd photo.

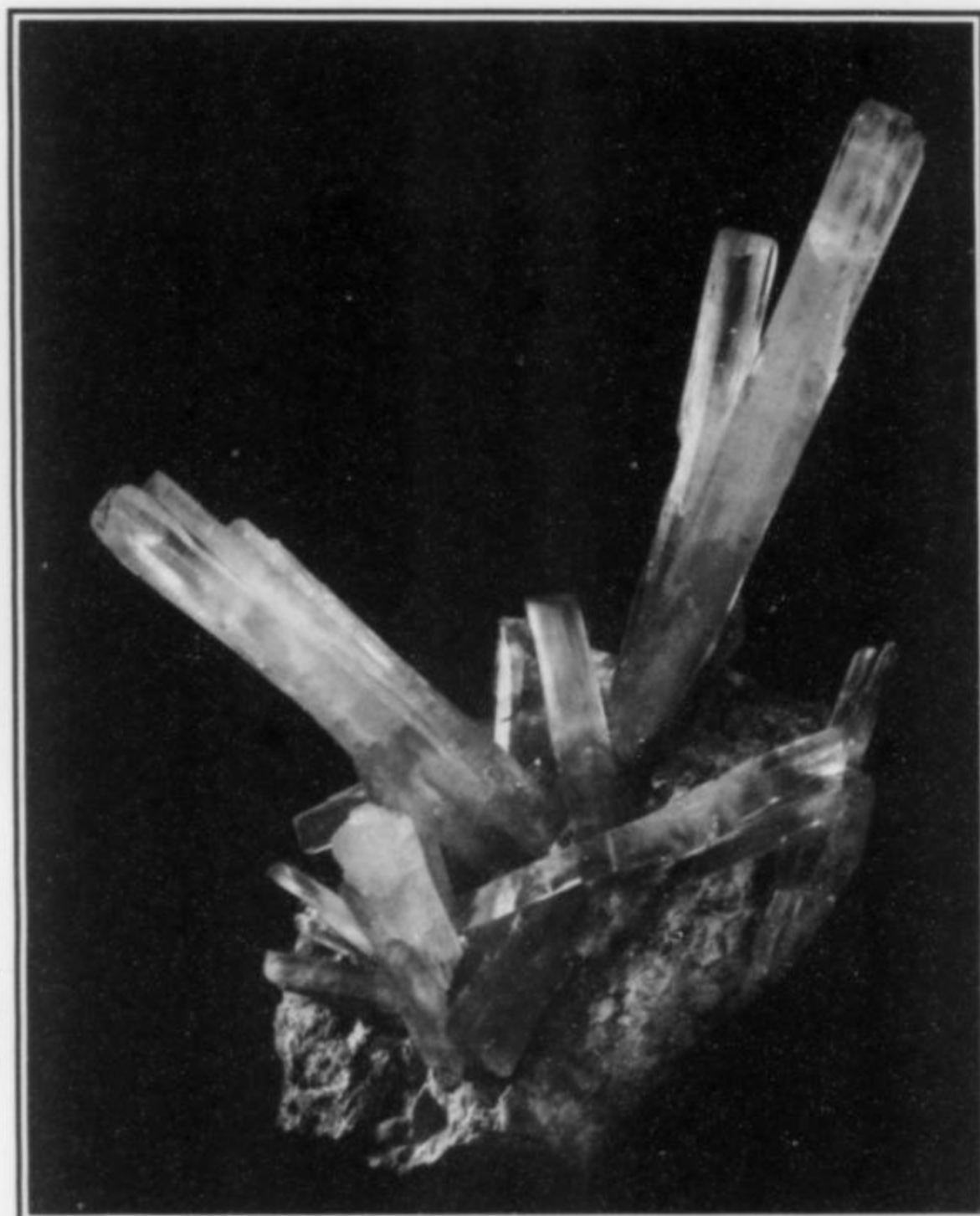


Pyromorphite, 19 cm, Daoping mine, Guilin, Guangxi Zhuang Autonomous Region, China. Joe Budd photo.

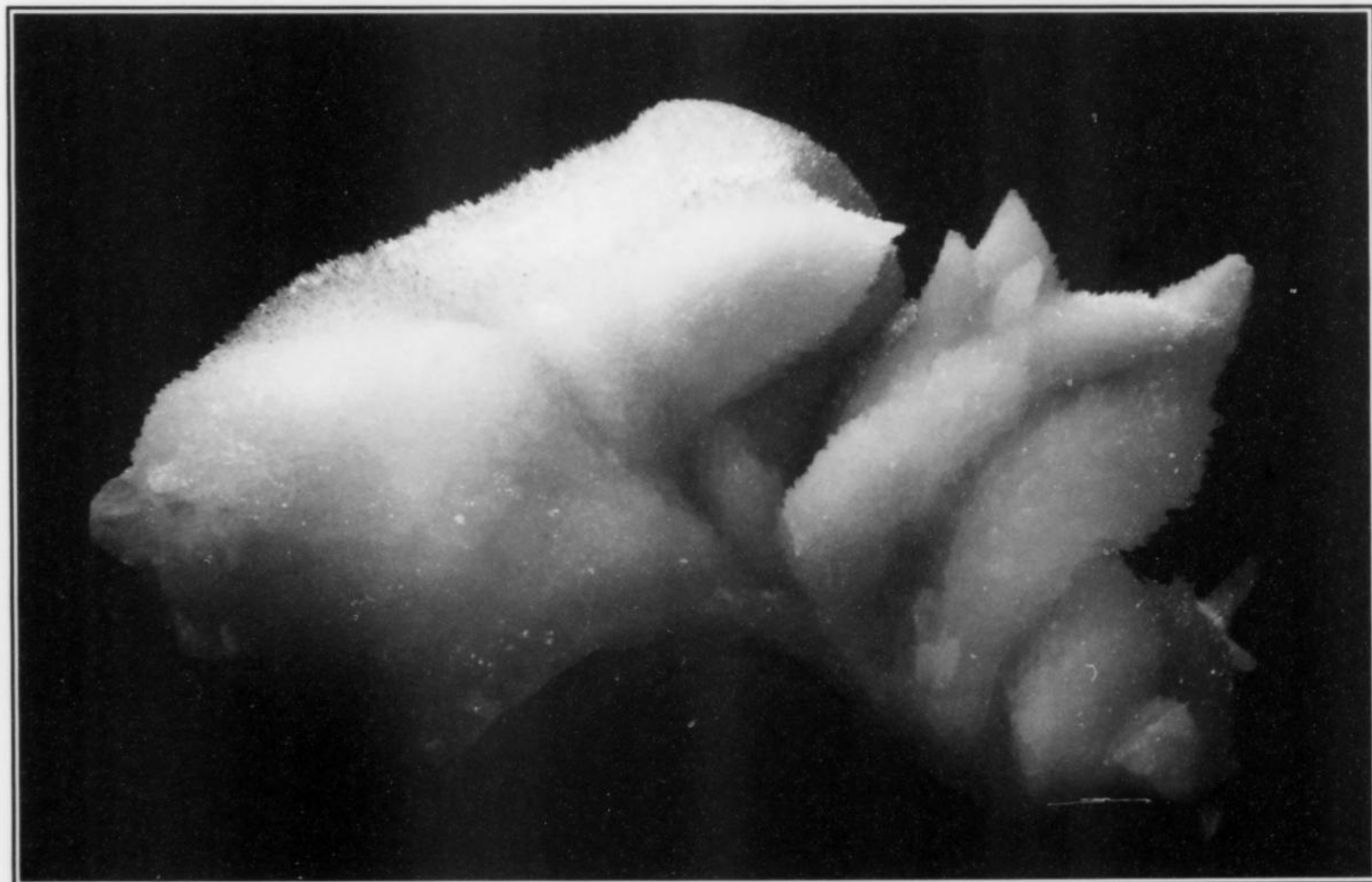


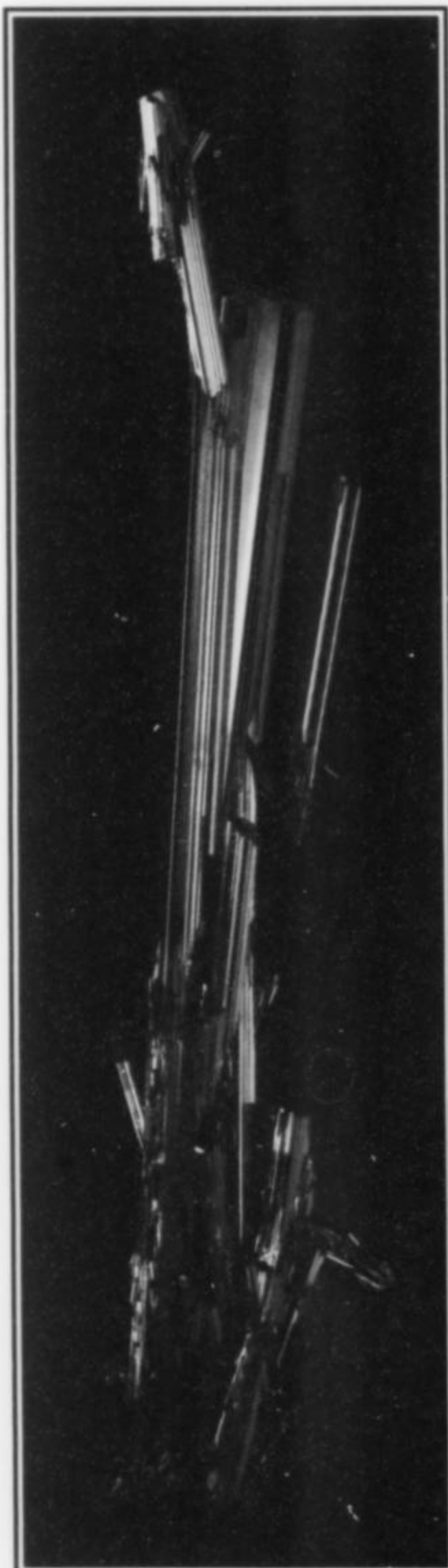
Morganite beryl, 17.5 cm, Urucum mine, Galiléia, Minas Gerais, Brazil. Joe Budd photo.

Barite, 30 cm, Parkside mine, West Cumberland Iron Field, Frizington, Cumbria, England. Ex U.S. National Museum of Natural History collection. Joe Budd photo.

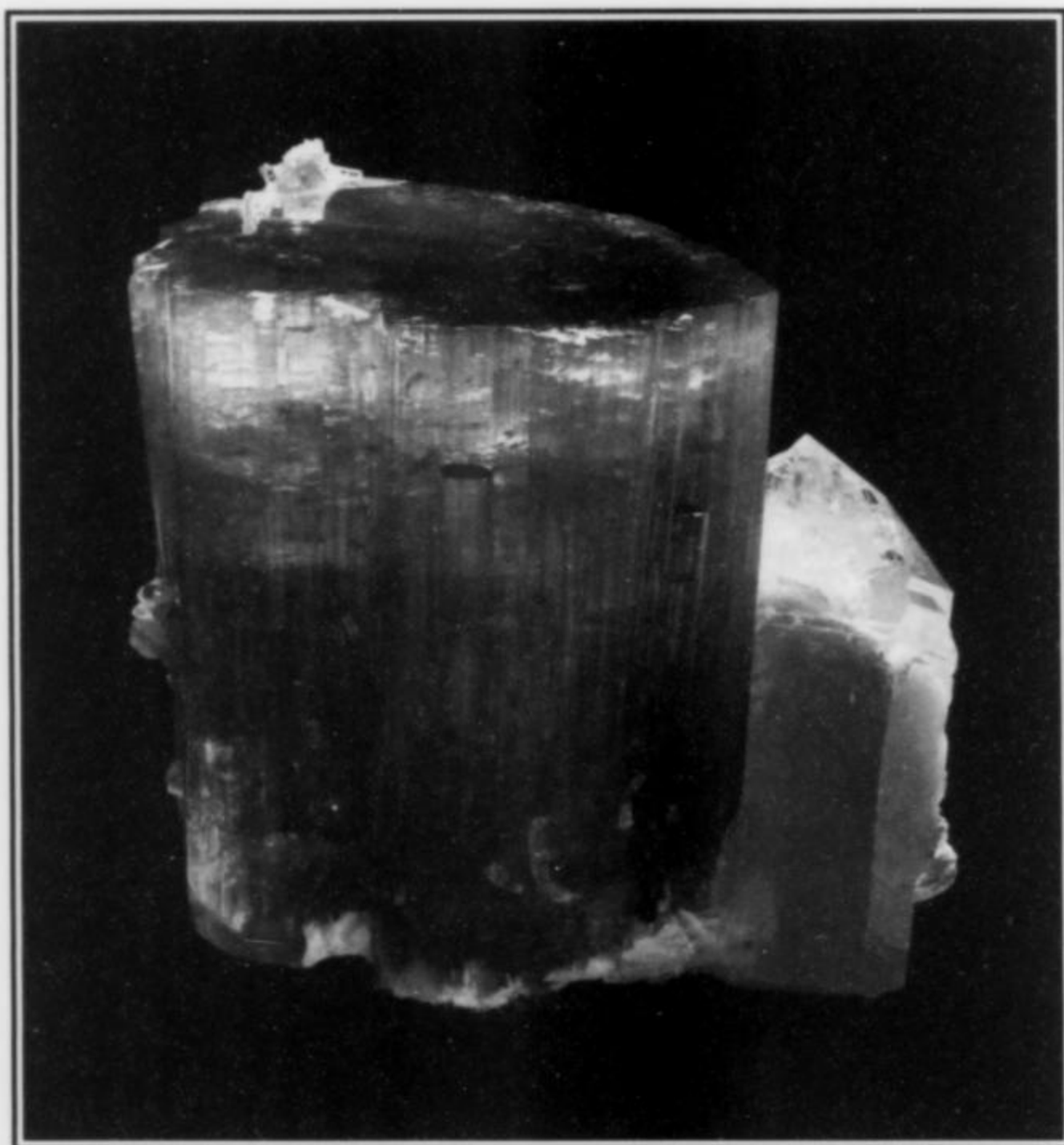


Hemimorphite, 24 cm, Dulong mine, Wenshan, Yunnan Province, China. Joe Budd photo.



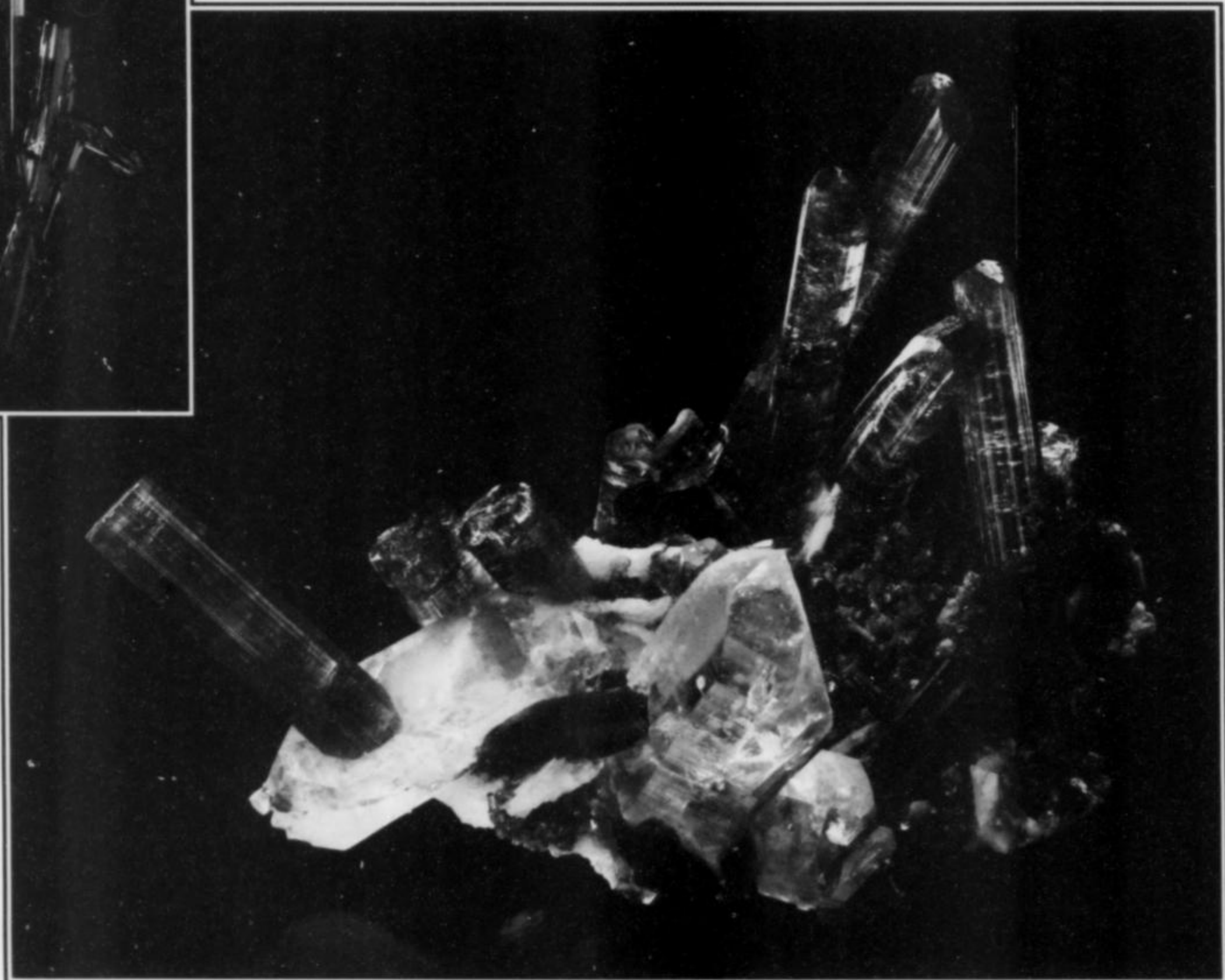


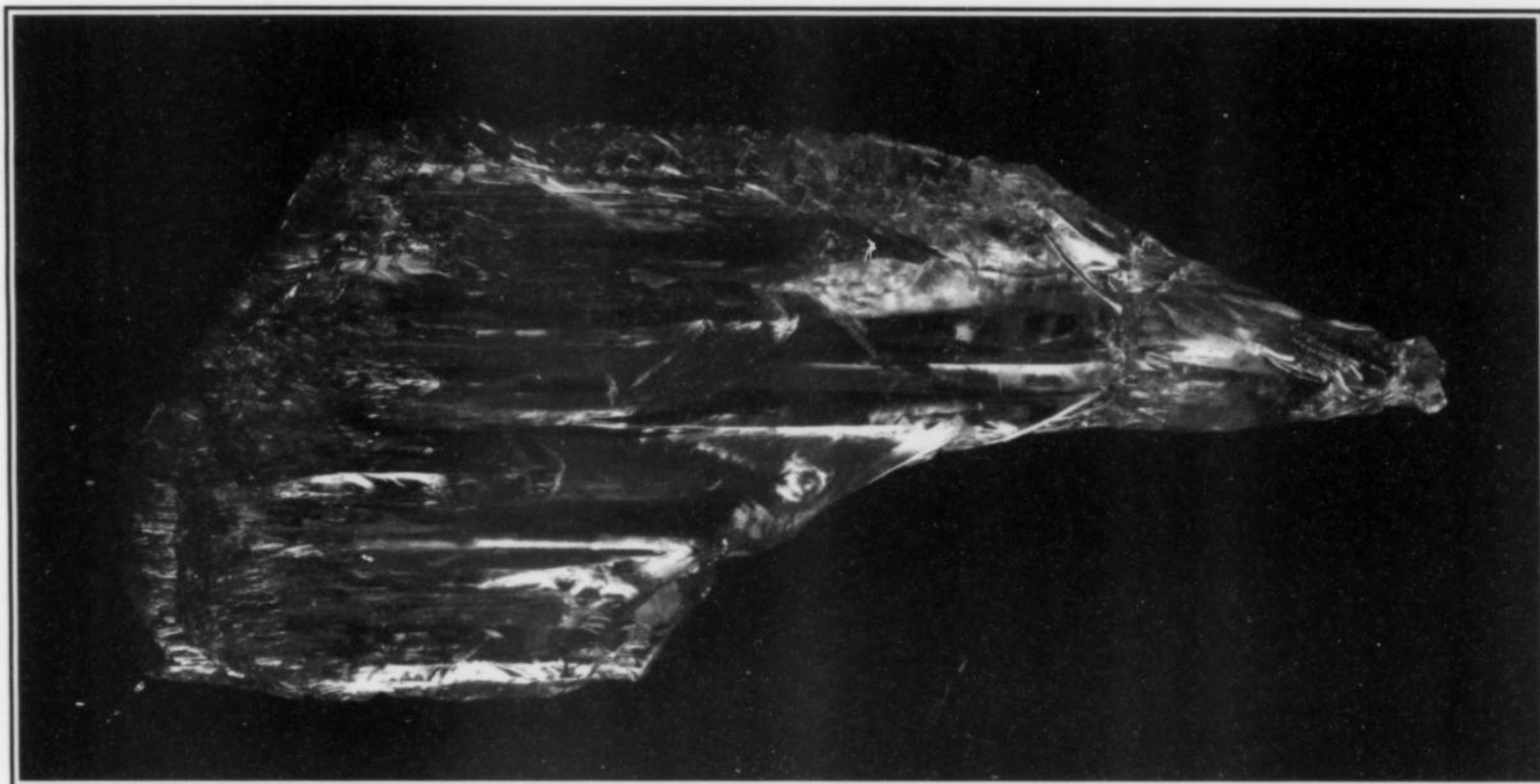
Stibnite,
41.5 cm,
Wuling
antimony
mine,
Qingjiang,
Wuning,
Jiangxi
Province,
China. Joe
Budd photo.



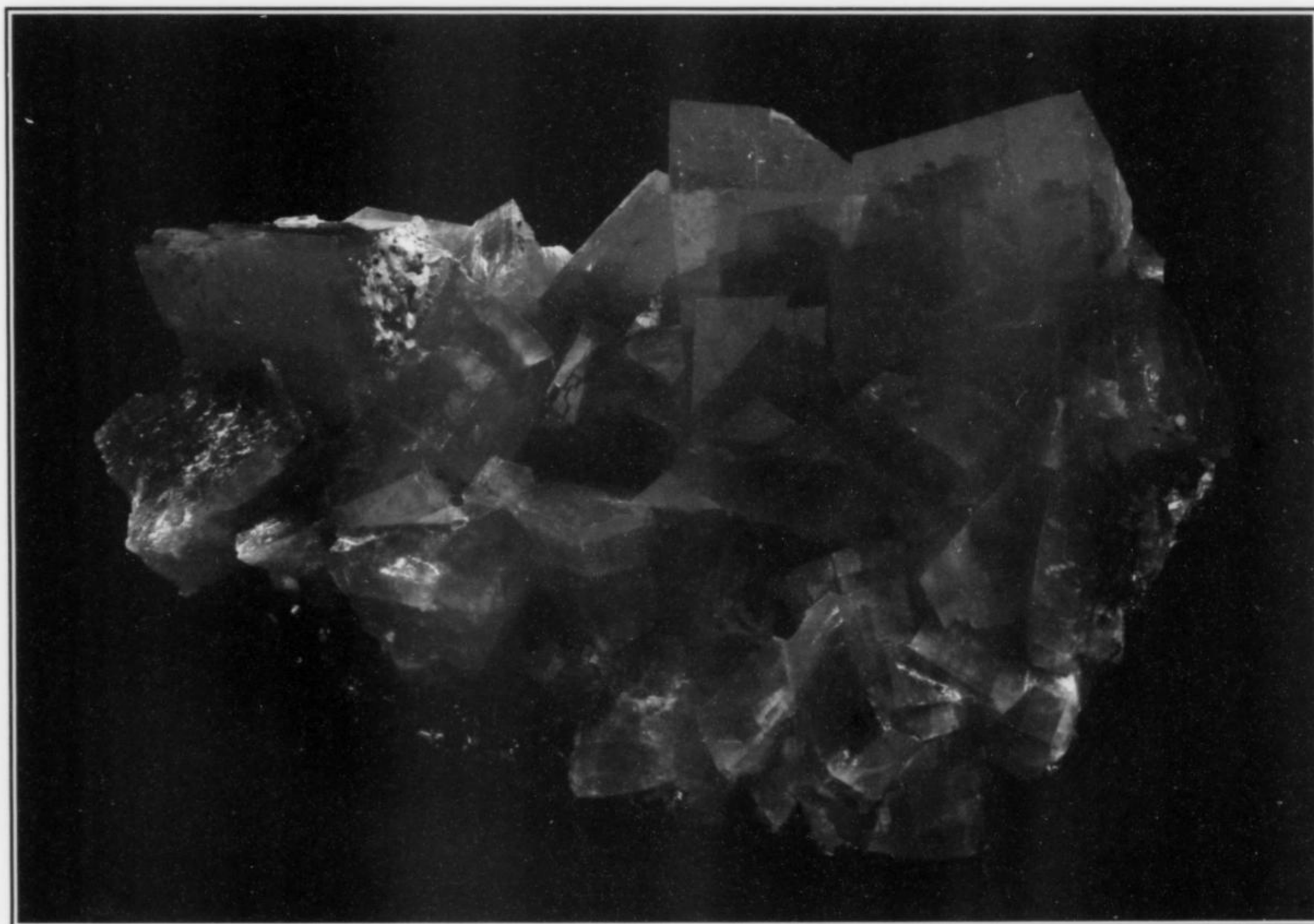
**Elbaite with
quartz, 19 cm,**
Laghman Province,
Afghanistan. Joe
Budd photo.

**Elbaite with quartz
and lepidolite,**
19.5 cm, Pederneira
mine, São José
da Safira, Minas
Gerais, Brazil. Joe
Budd photo.



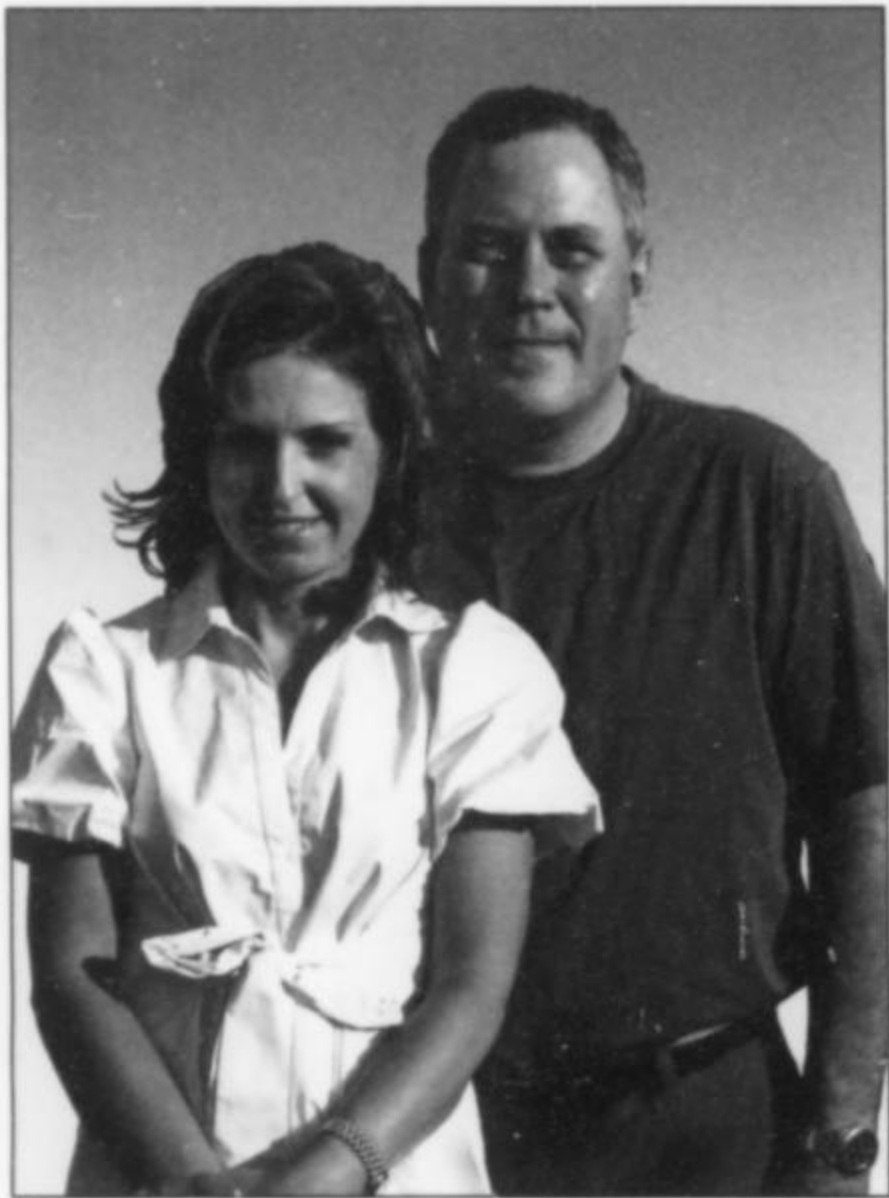


**Kunzite spodumene, 30 cm, Urucum mine, Galiléia,
Minas Gerais, Brazil. Joe Budd photo.**



**Rhodochrosite, 17.5 cm, Good Luck pocket, Sweet Home
mine, Alma, Park County, Colorado. Joe Budd photo.**

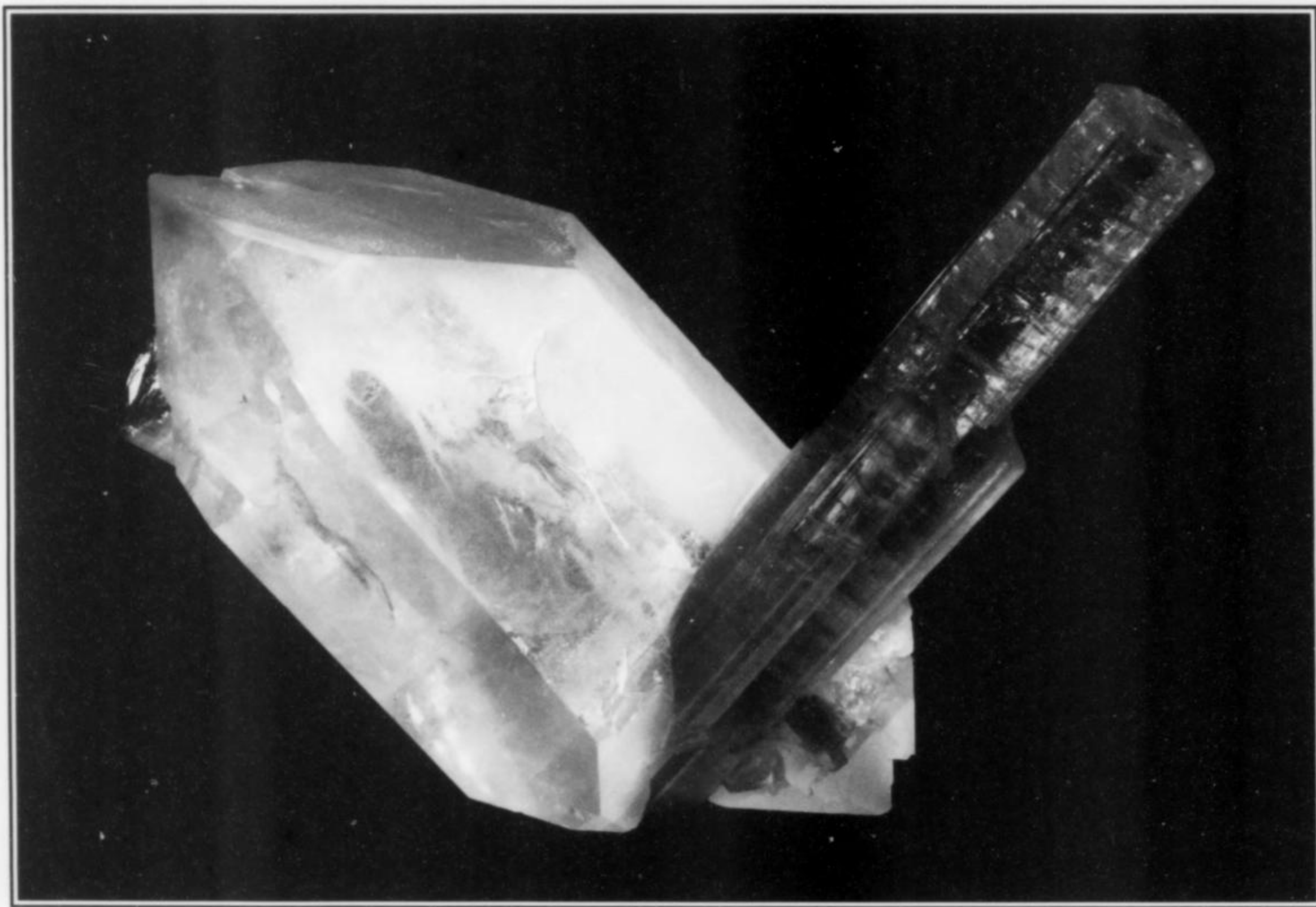
Glenn & Janis Rising



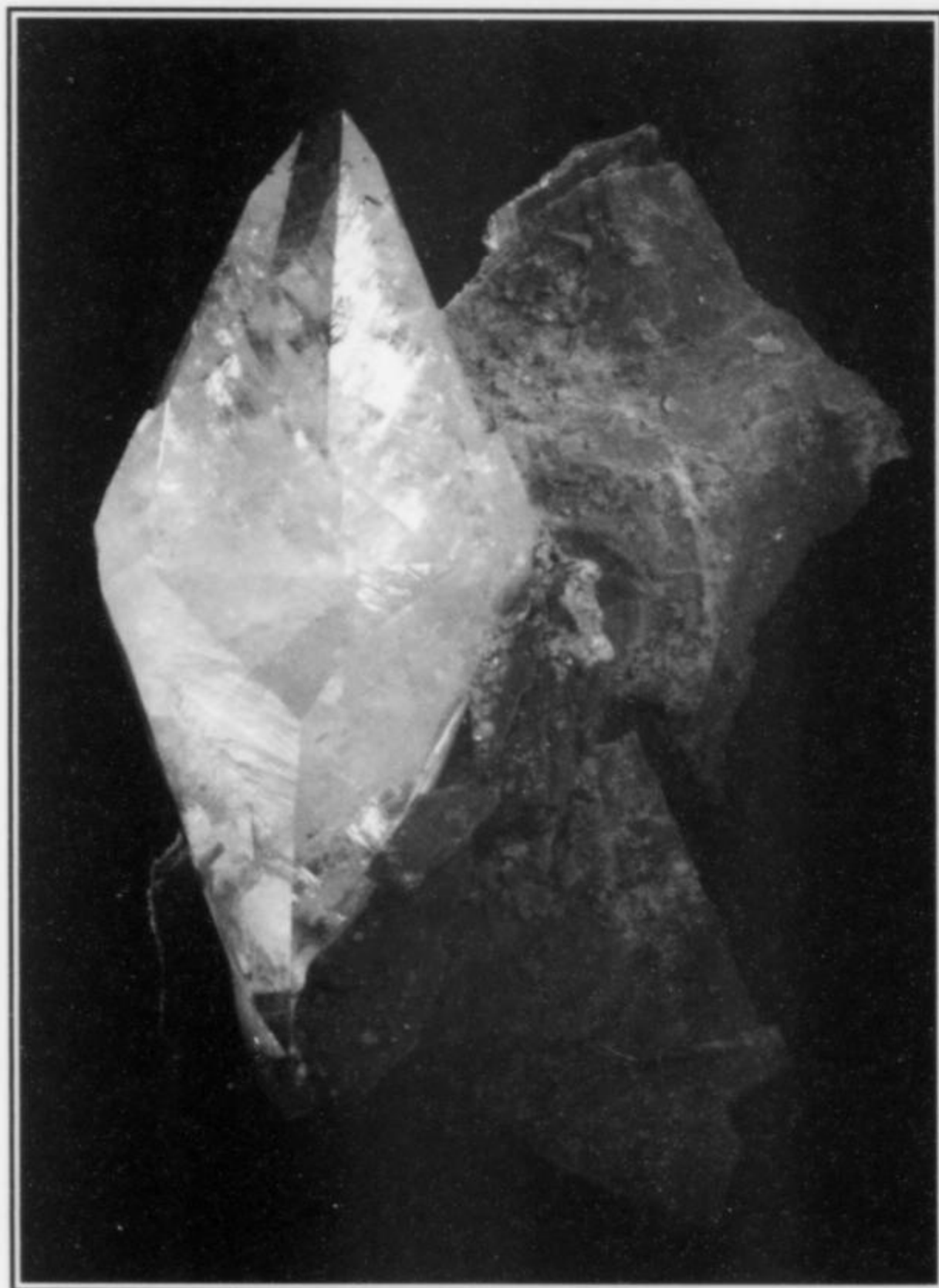
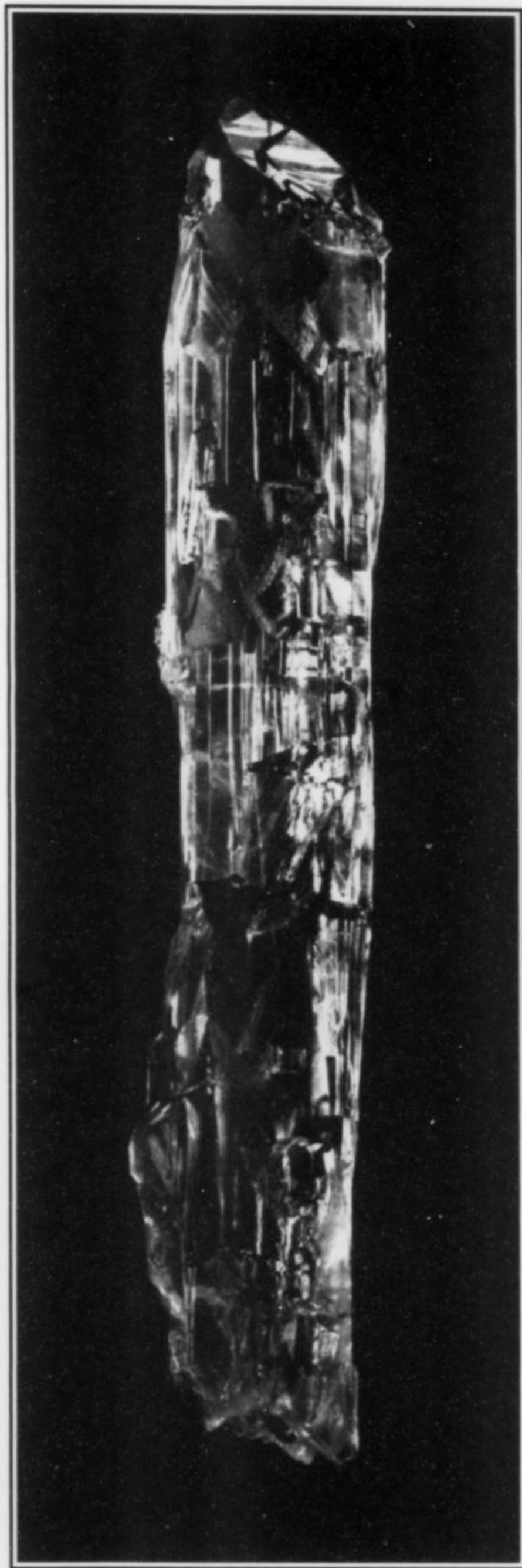
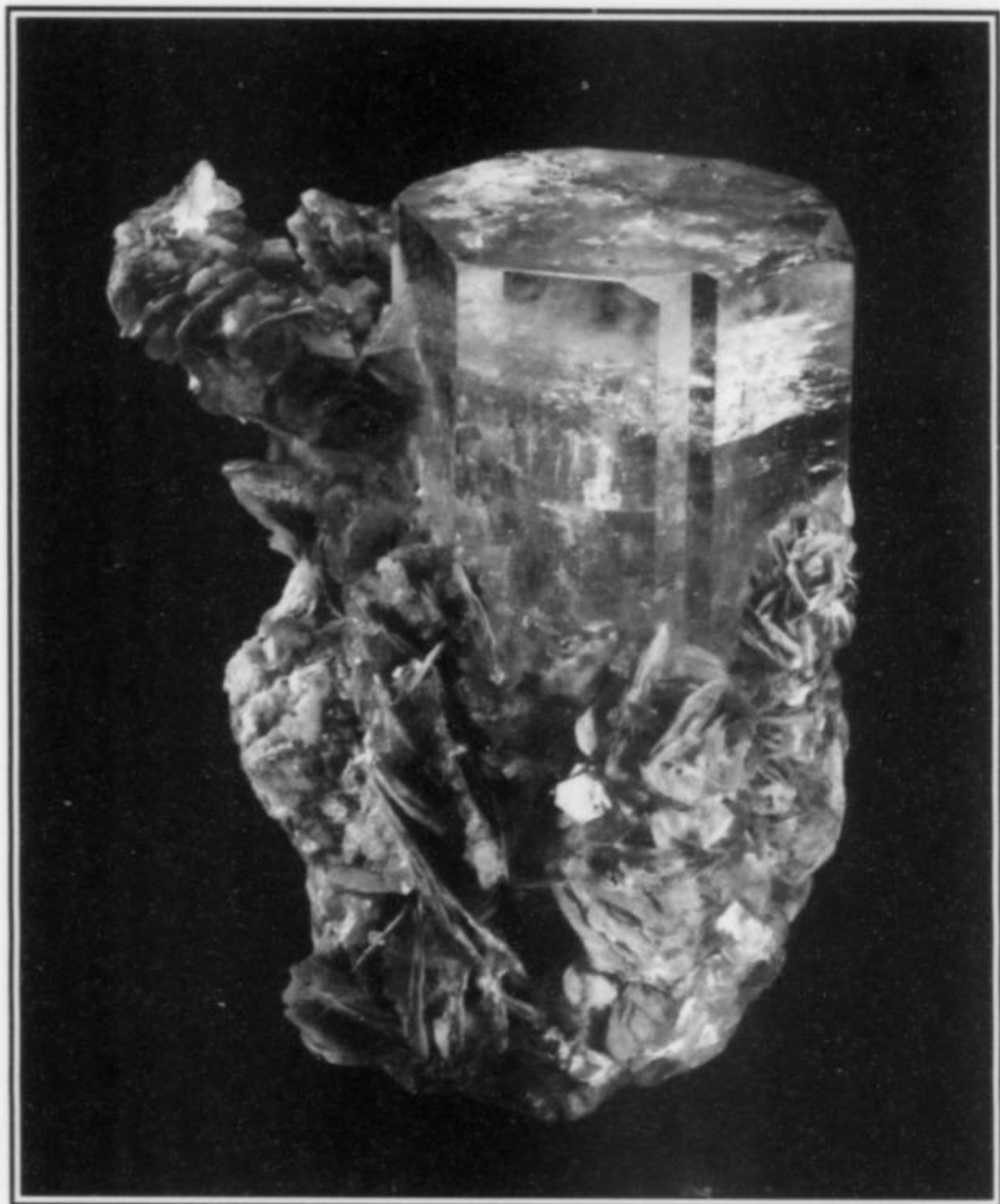
Janis and I have been collecting for two years, but I've had an interest in minerals my entire life. This interest led me to study Earth Sciences (geophysics) in University, and ultimately it led me to my chosen career (Exploration Geophysicist). This recent stage of collecting can be attributed to my having cast eyes upon a Sweet Home rhodochrosite in 2006, and the resulting desire to own a specimen.

Collecting has been a collaboration with Janis, my wife of 20 years. She enjoys the hobby as much as I do and has a keen eye for beautiful minerals. We very much appreciate the mentoring from Stuart Strife, whose years of collecting experience have helped us improve our collection tremendously. Our collecting philosophy is to be as learned as possible by reading as much as we can, attending mineral shows (Denver, Tucson, Dallas and Houston), viewing public and private mineral collections and participating in our local mineral club (HAMS).

We try to acquire the best specimens we can afford, and currently display 30 specimens in our home. Our tastes lean toward the gemmy, colorful species, in cabinet size.



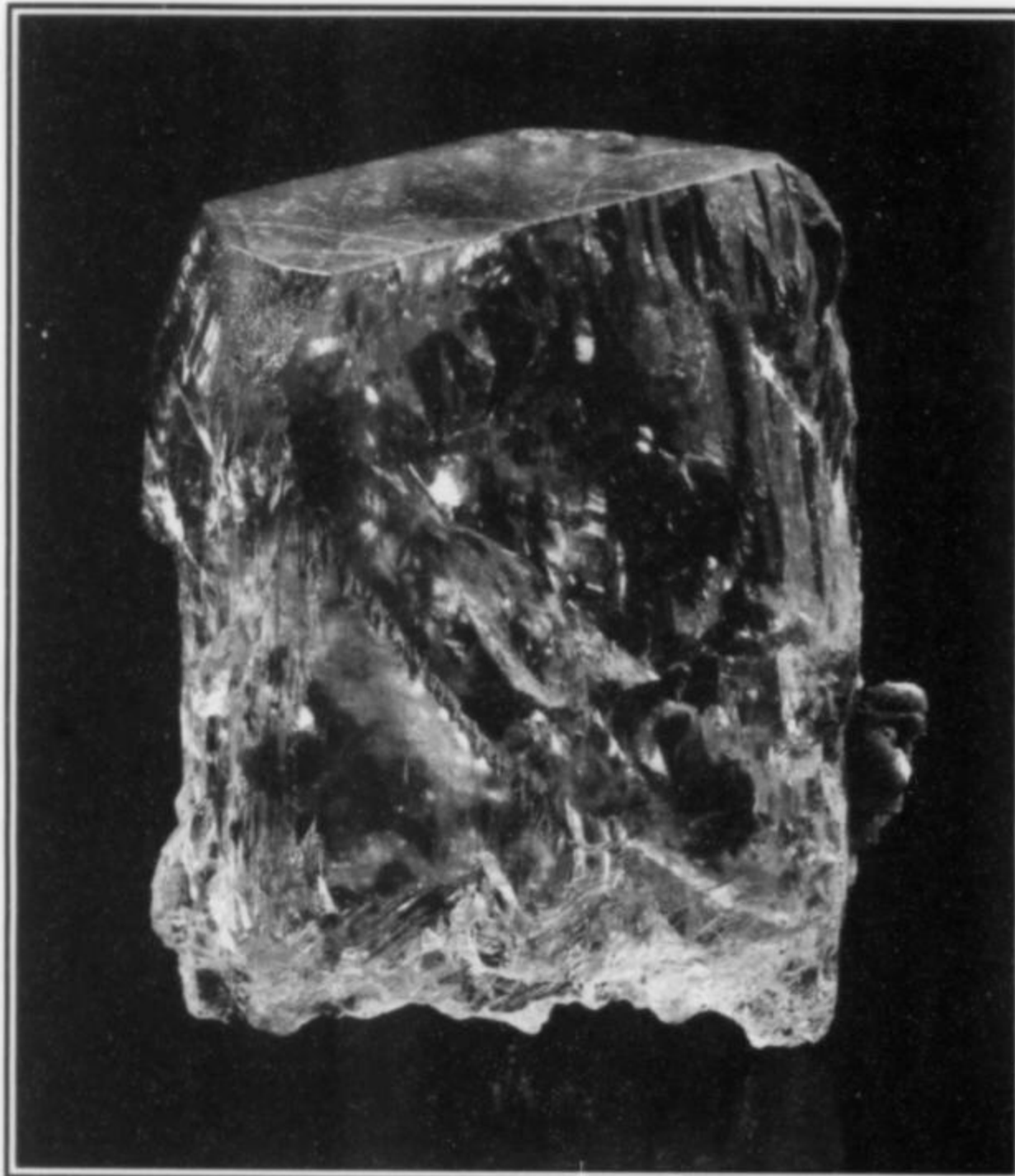
Elbaite on quartz, 8.2 cm, Paprok, Kunar Province, Afghanistan. Joe Budd photo.



(upper left) Aquamarine beryl on muscovite, 8.9 cm, Nagar, Northern Areas, Pakistan. Joe Budd photo.

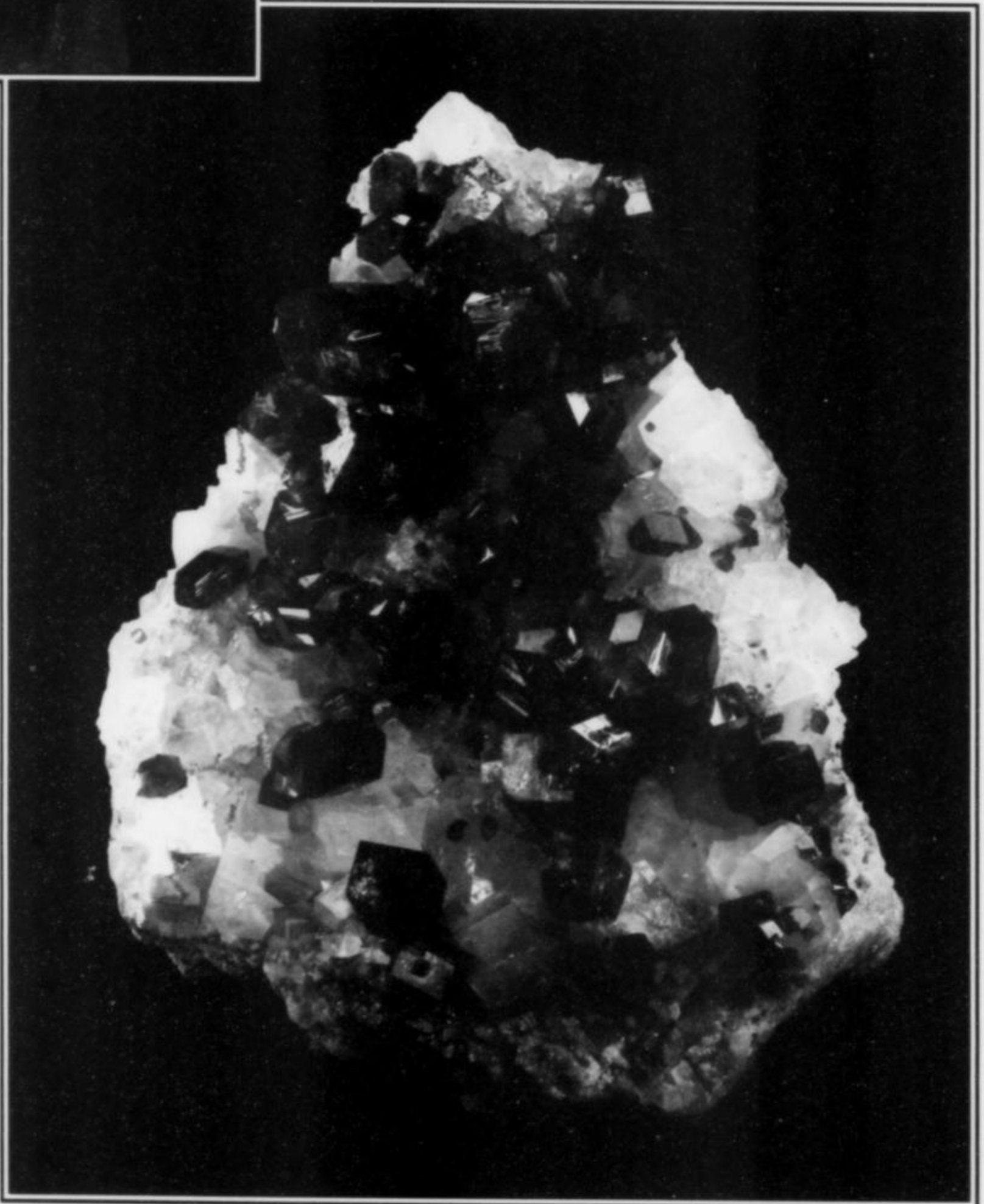
(above) Heliodor beryl, 12.7 cm, Volodarsk-Volynsk, Ukraine. Joe Budd photo.

(left) Calcite on dolostone, 18.4 cm, Elmwood mine, Carthage, Smith County, Tennessee. Joe Budd photo.



Topaz, 8.9 cm, Virgem da Lapa, Minas Gerais, Brazil.
Joe Budd photo.

Dioptase on calcite, 6.9 cm,
Tsumeb mine, Tsumeb, Namibia.
Joe Budd photo.

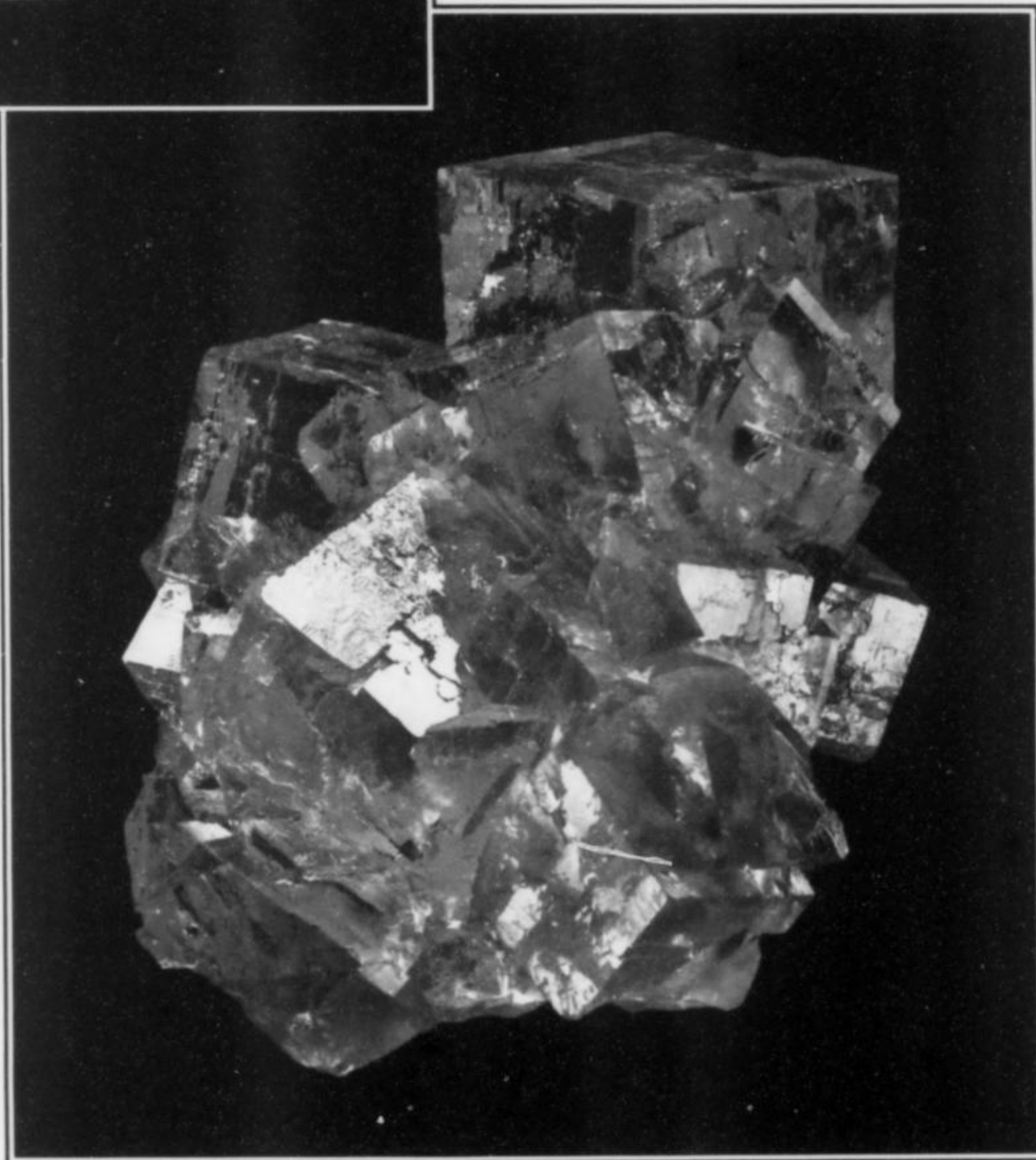


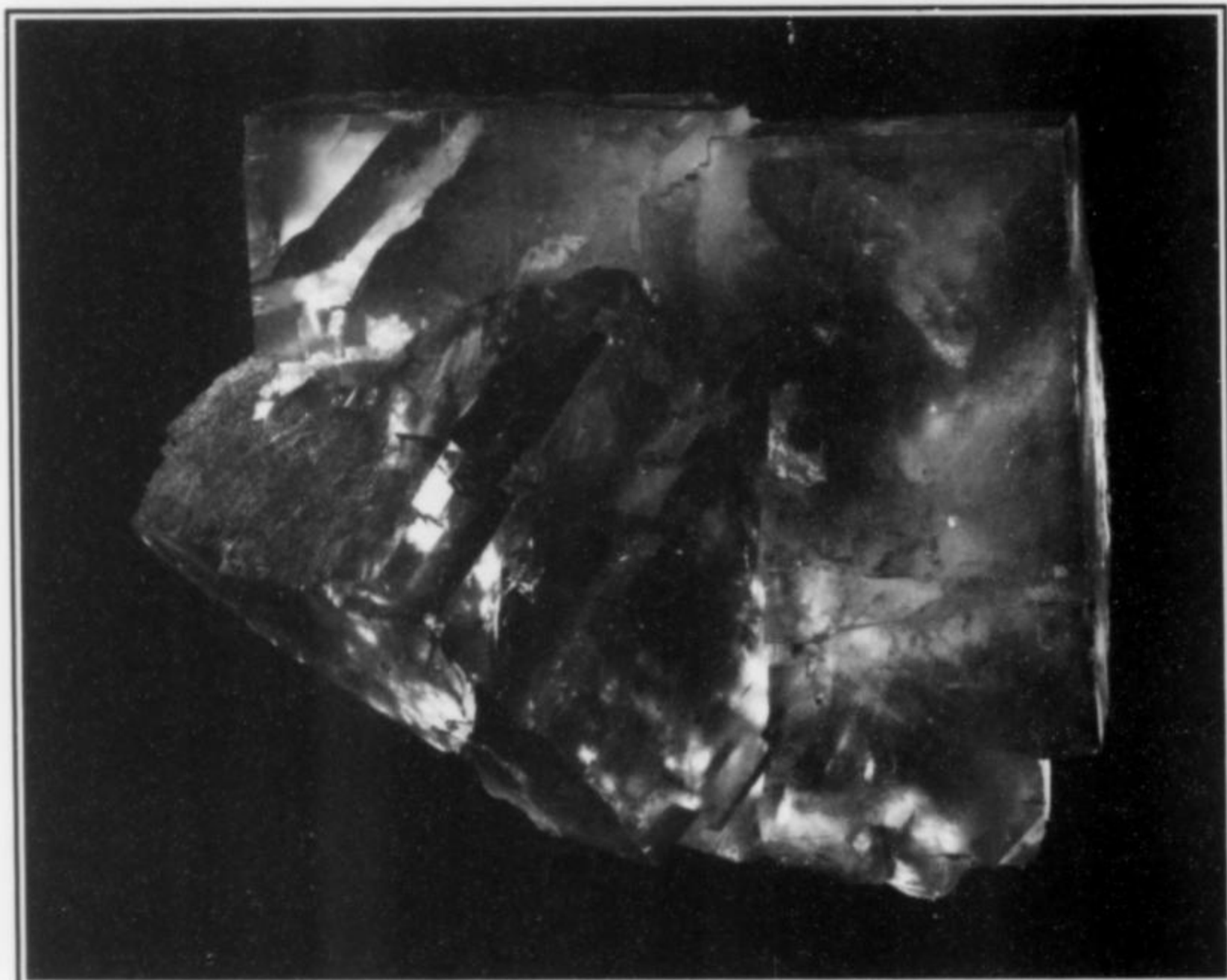
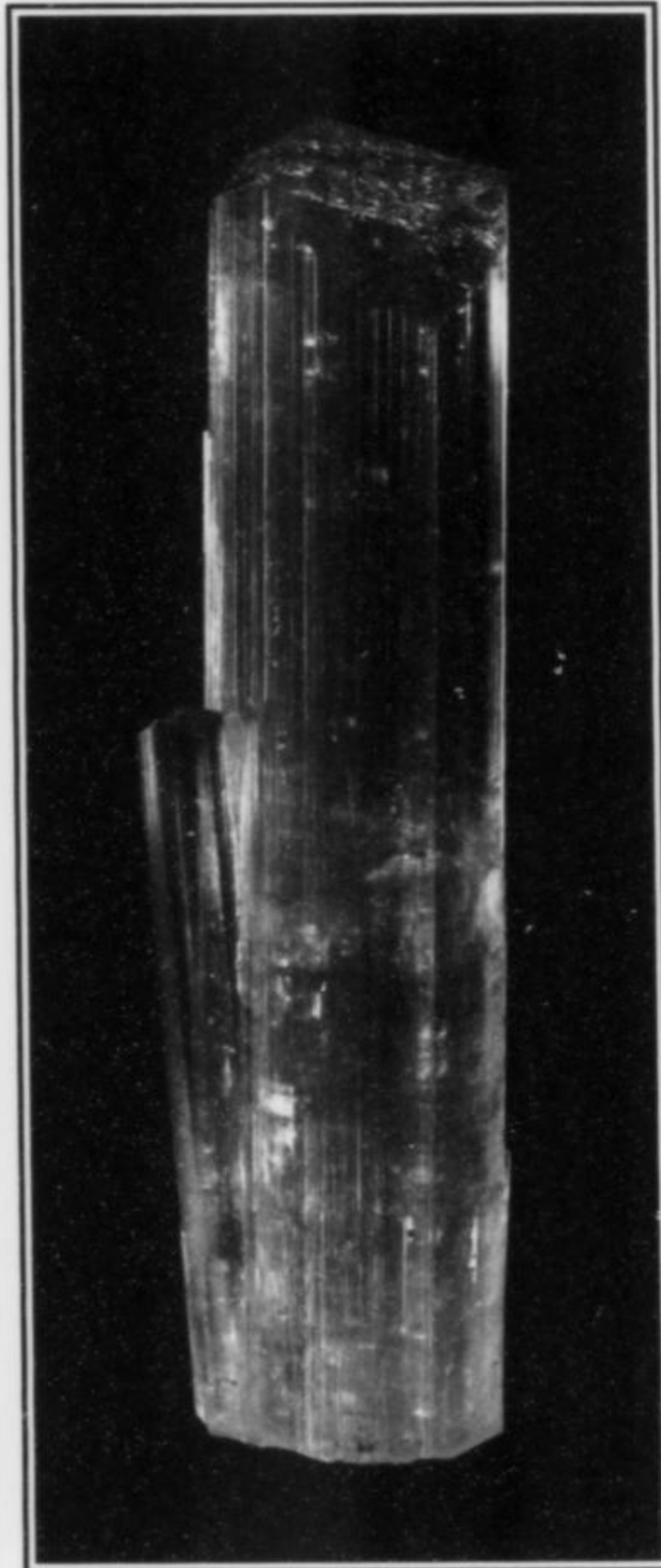
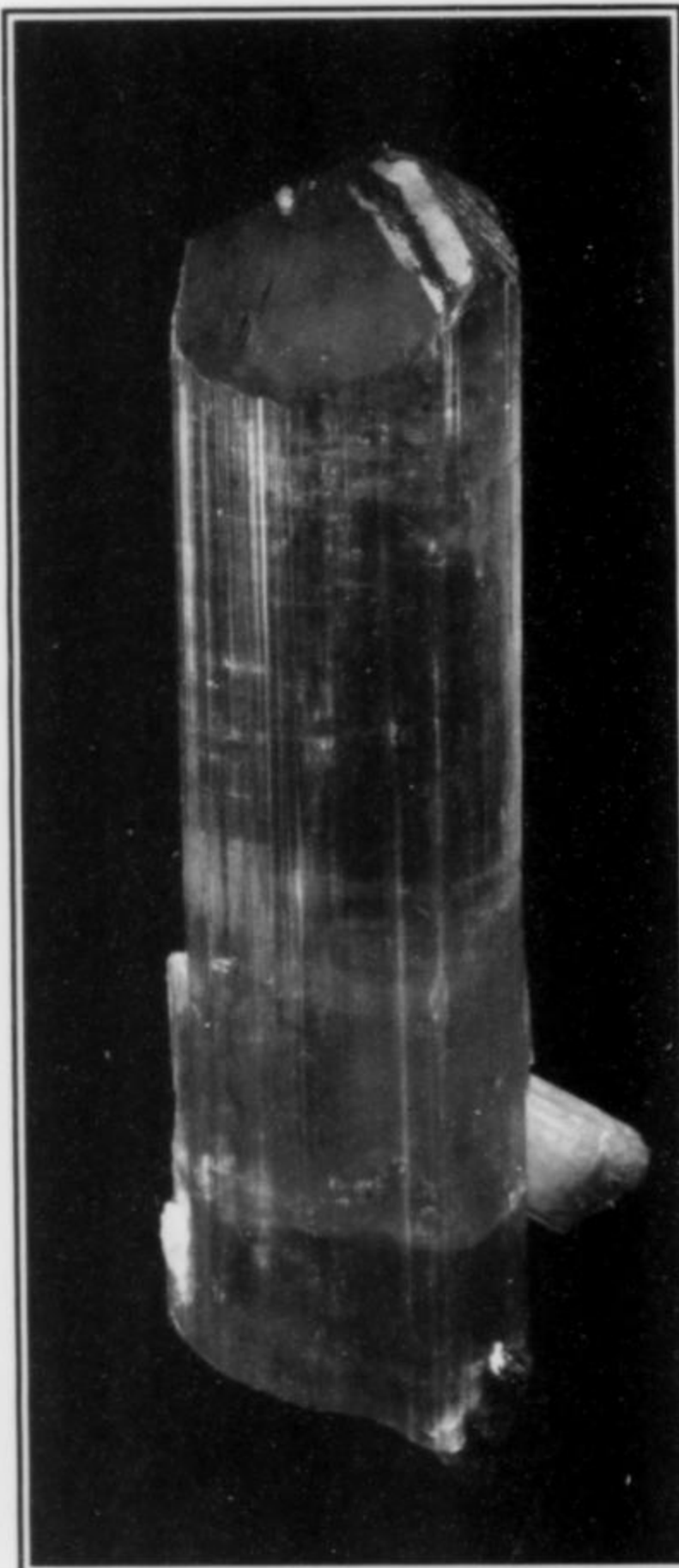
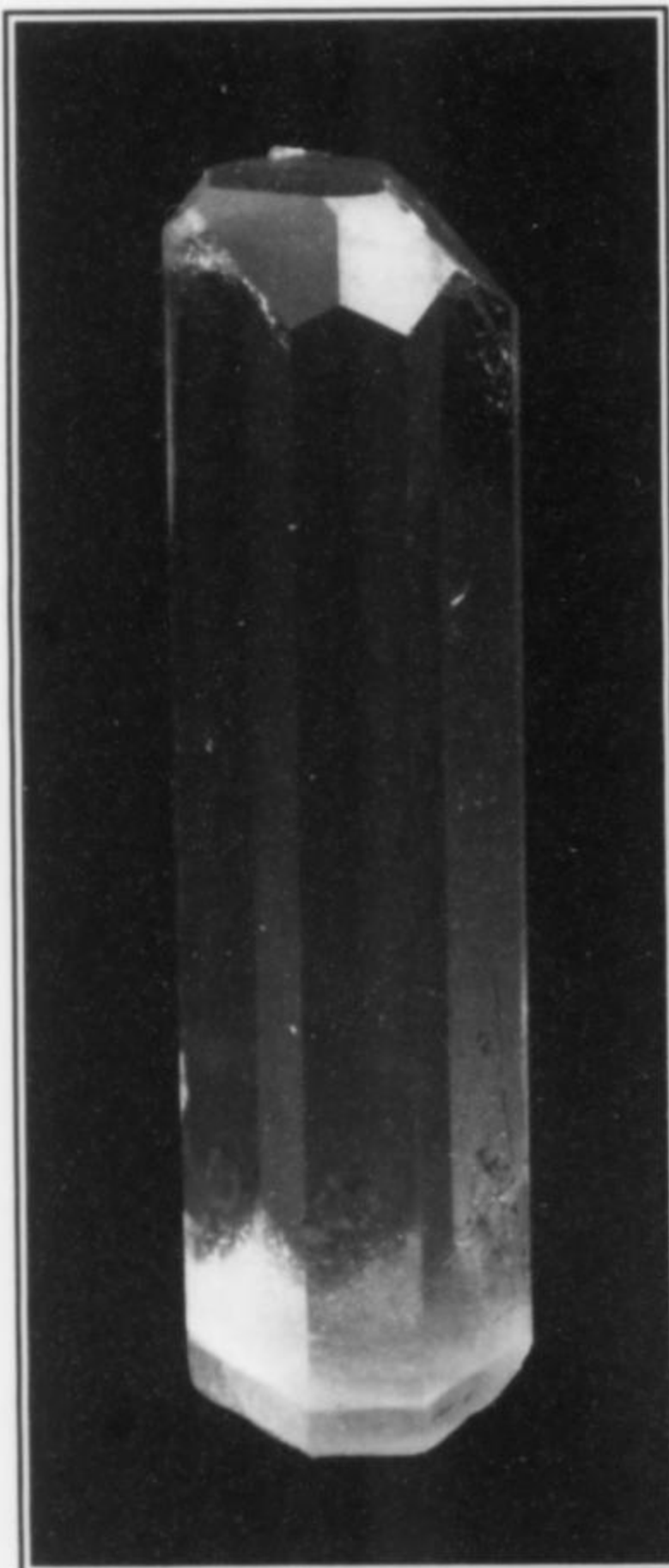


Rhodochrosite and quartz, 10 cm, Nate's pocket, Mine King Raise, Sweet Home mine, Alma, Park County, Colorado. Joe Budd photo.

(upper right) Quartz ("Herkimer diamond"), 6.4 cm, Ace of Diamonds mine, Middleville, New York. Joe Budd photo.

Fluorite, 6.4 cm, Xianghuapu mine, Hunan Province, China. Joe Budd photo.



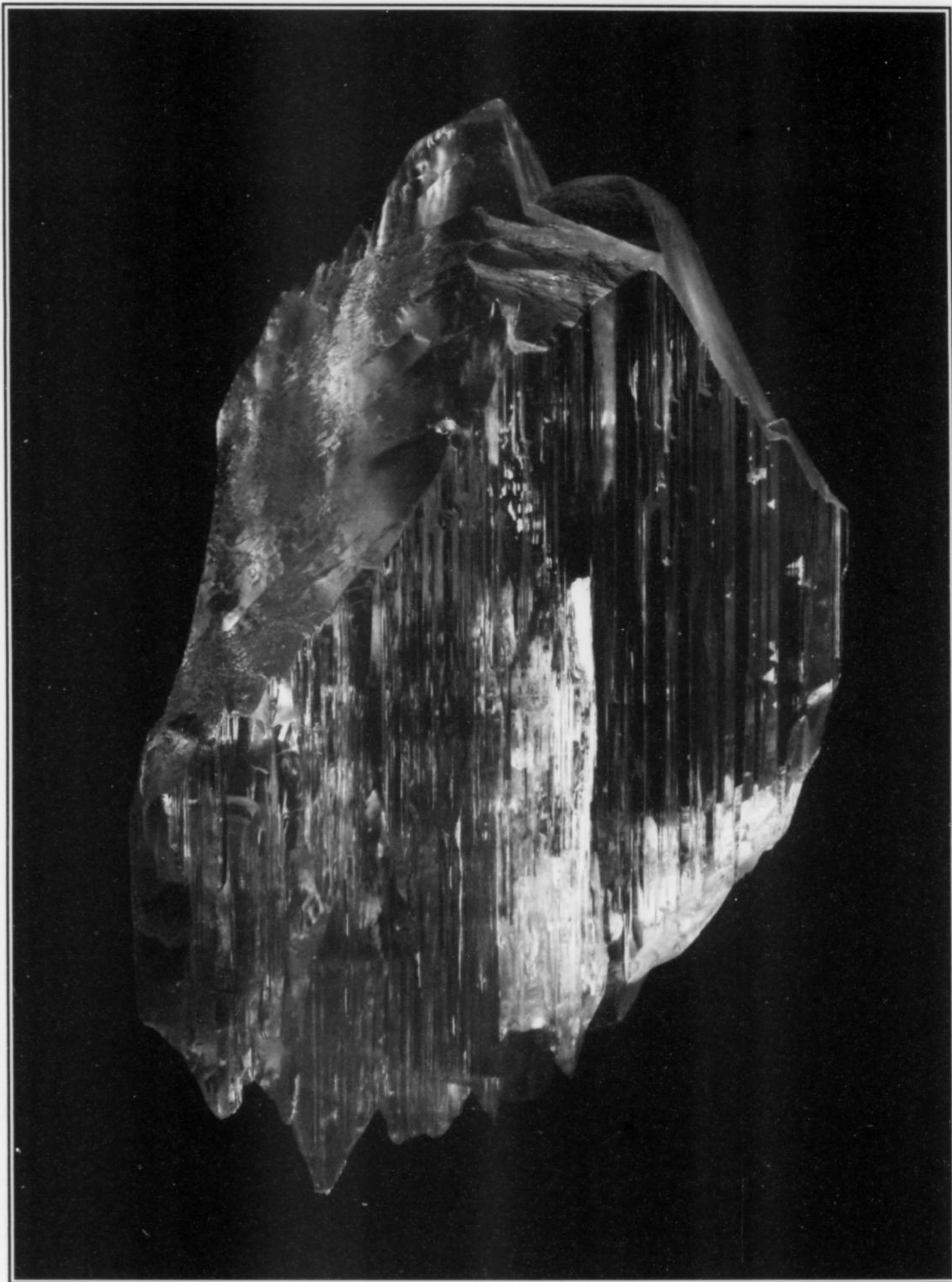


(top left) Aquamarine beryl, 7.6 cm, Skardu district, Northern Areas, Pakistan. Joe Budd photo.

(top center) Elbaite, 7 cm, Himalaya mine, Mesa Grande district, San Diego County, California. Joe Budd photo.

(top right) Elbaite, 8.3 cm, Paprok, Kunar Province, Afghanistan. Joe Budd photo.

(left) Fluorite, 12.1 cm, Denton mine, Hardin County, Illinois. Joe Budd photo.



Kunzite spodumene, 11.4 cm, Mawi, Laghman Province, Afghanistan. Joe Budd photo.

Kevin Schofield

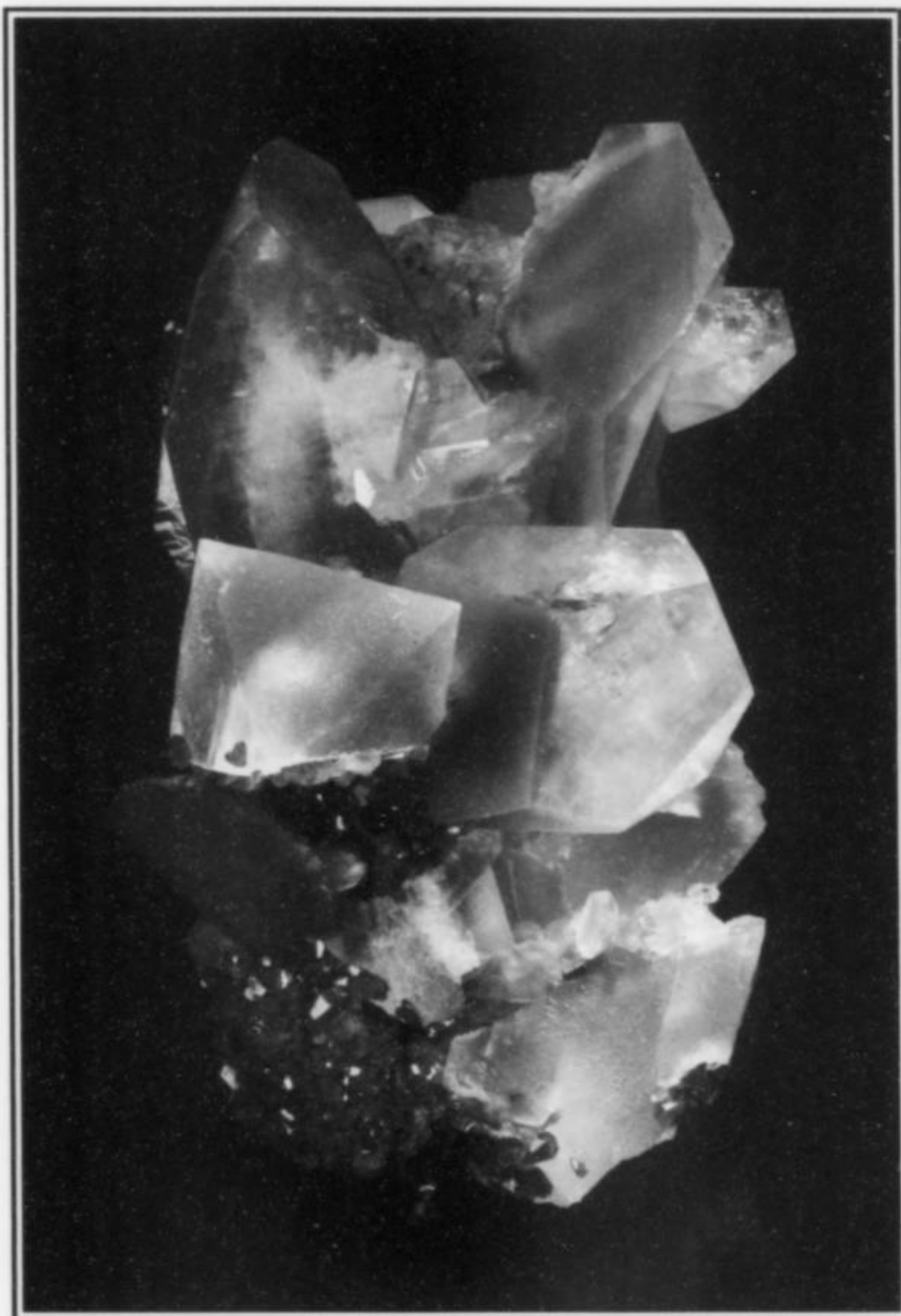


I began collecting in elementary school when my father took up lapidary. The North Sea coast of England where we lived provided agate, carnelian, citrine, white quartz and the occasional piece of amber. Through high school, my self-collecting expanded to the dumps of abandoned lead mines in central and northern England, yielding calcite, fluorite, galena, sphalerite and barite. Samples from those days still grace my collection, exemplified here by the stalactitic barite. At university, maybe not surprisingly, I took a BS degree in geology and a PhD in carbonate sedimentology, with my research field area including the mine dumps where I had collected years before.

Over the years, I have specialized. Sticking to that which I know most of, I collect predominantly calcite, aragonite and dolomite, ideally as they occur as accessories to base metal deposits. The variety of forms and colors of the "simple" carbonates makes this a technically interesting and aesthetically pleasing pursuit. I also have a secondary collection of galena to honor my time on the mine dumps in my youth! My collecting philosophy is to try to cover the "classic" forms and localities (the English twinned calcite and Spanish aragonite for example), and to keep up with the "new," amply represented here by the Chinese examples. Membership in HAMS allows me to rub shoulders with enthusiasts of all the things I don't collect, and provides the occasional opportunity to show off my carbonates.

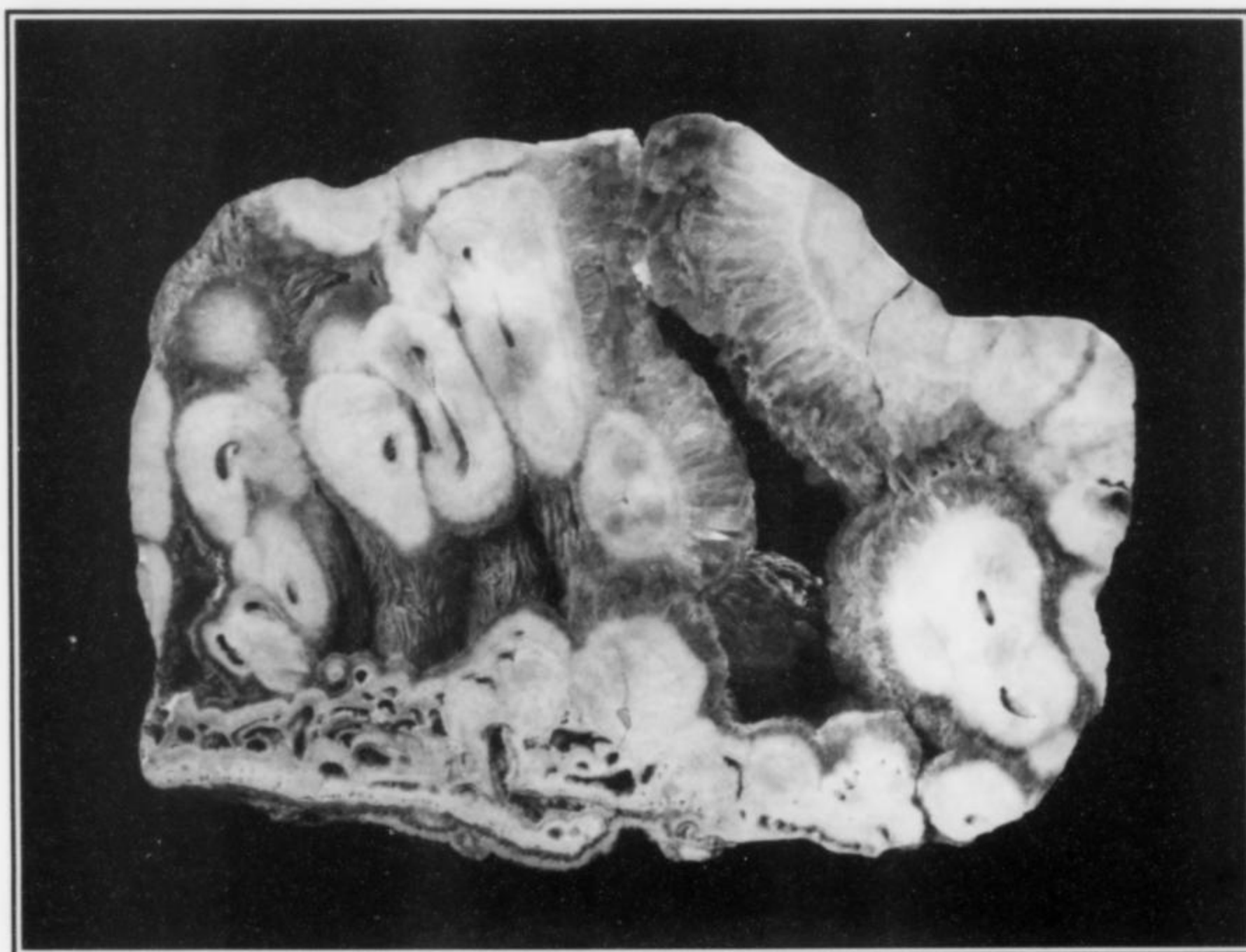


Calcite ("heart" twin), 8.9 cm, Egremont, Cumbria, England. Ex Chicago Natural History Museum, Dawn and Jim Minette collections. Joe Budd photo.

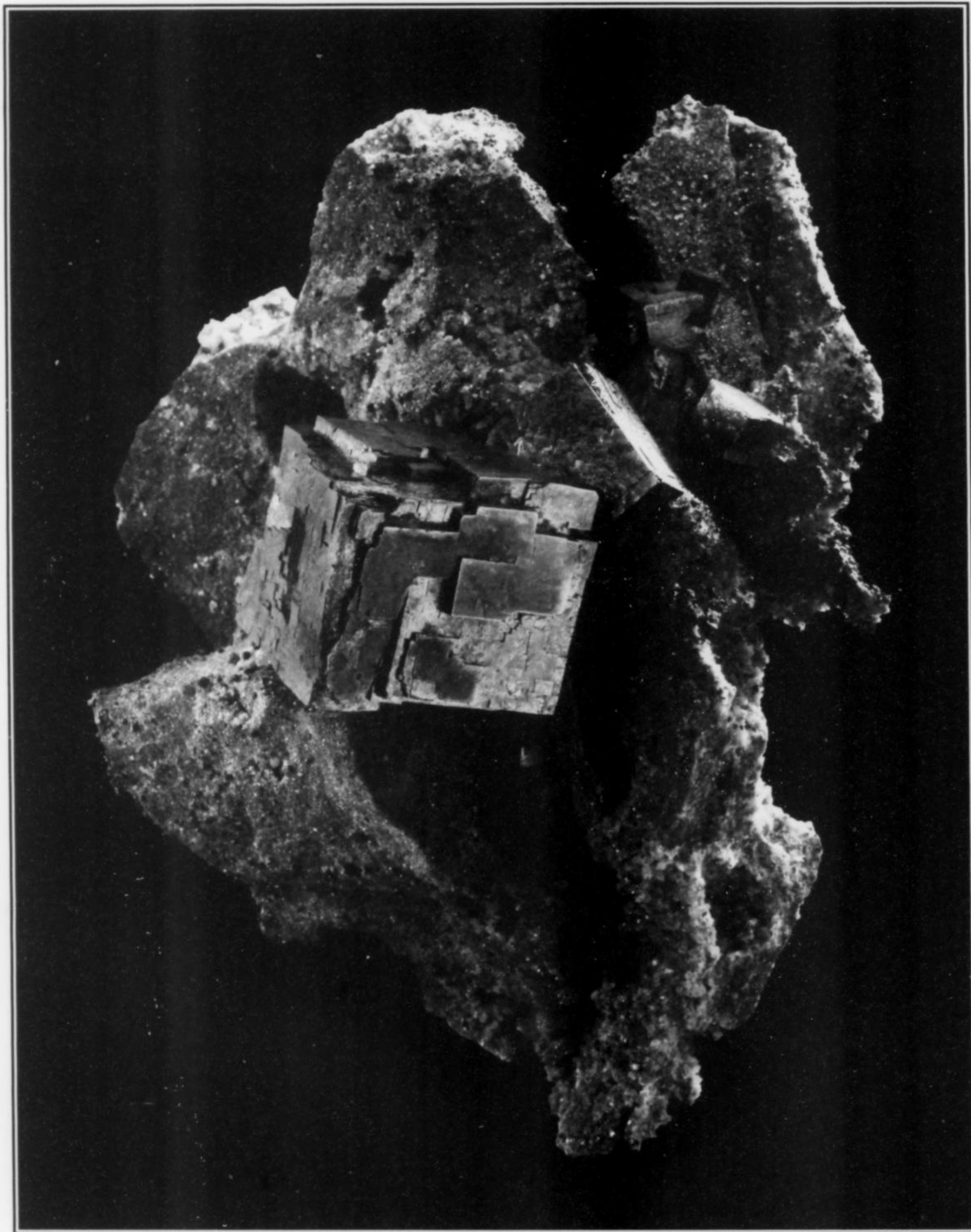


Calcite with green fluorite,
13.3 cm, Xianghualing
mine, Linwu County,
Chenzhou Prefecture,
Hunan Province, China.
Joe Budd photo.

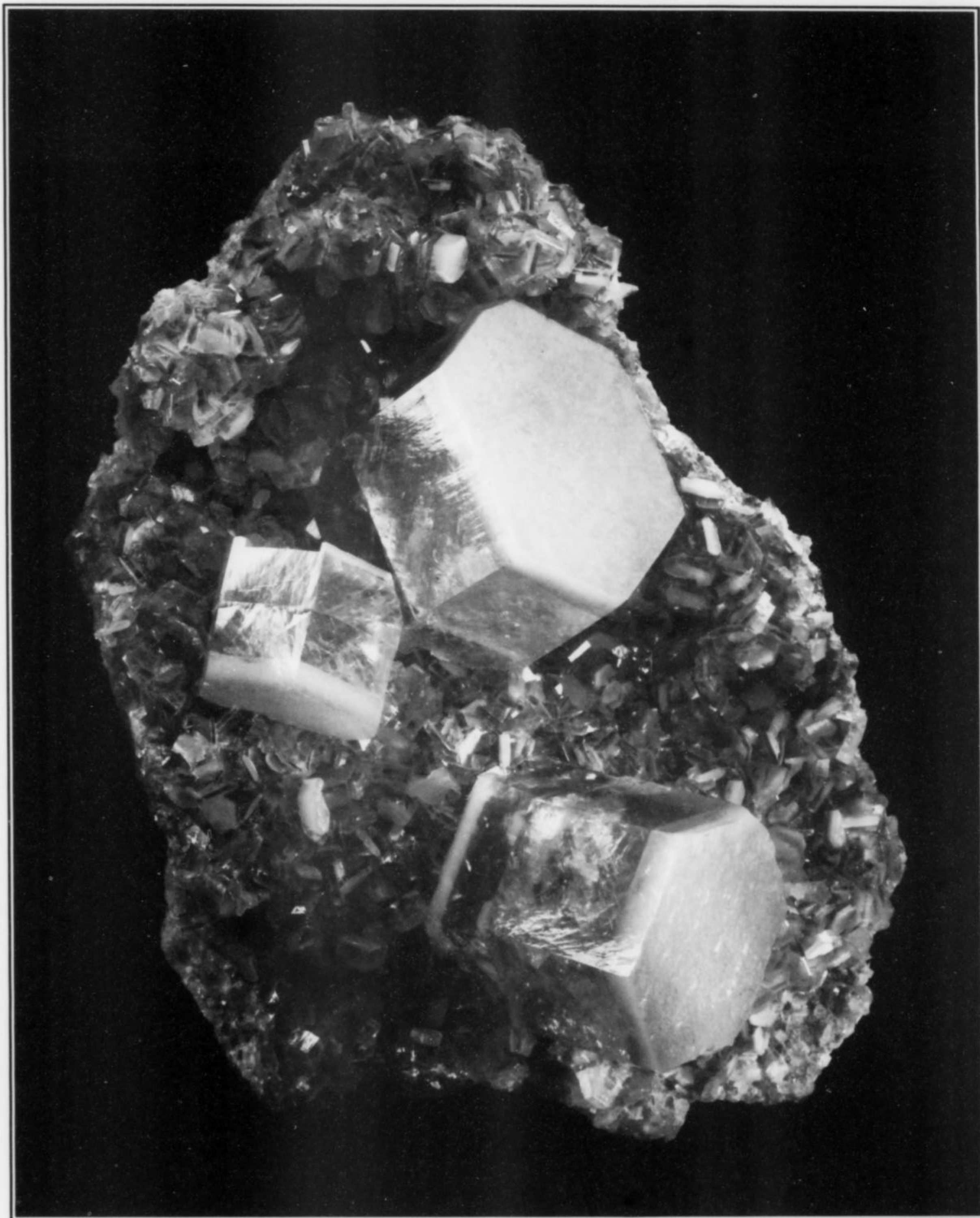
“Stalactitic” barite
overgrown by bladed
crystalline barite with
accessory fluorite (self-
collected), 10 cm, Dirtlow
Rake, Castleton, Derbyshire,
England. Joe Budd photo.



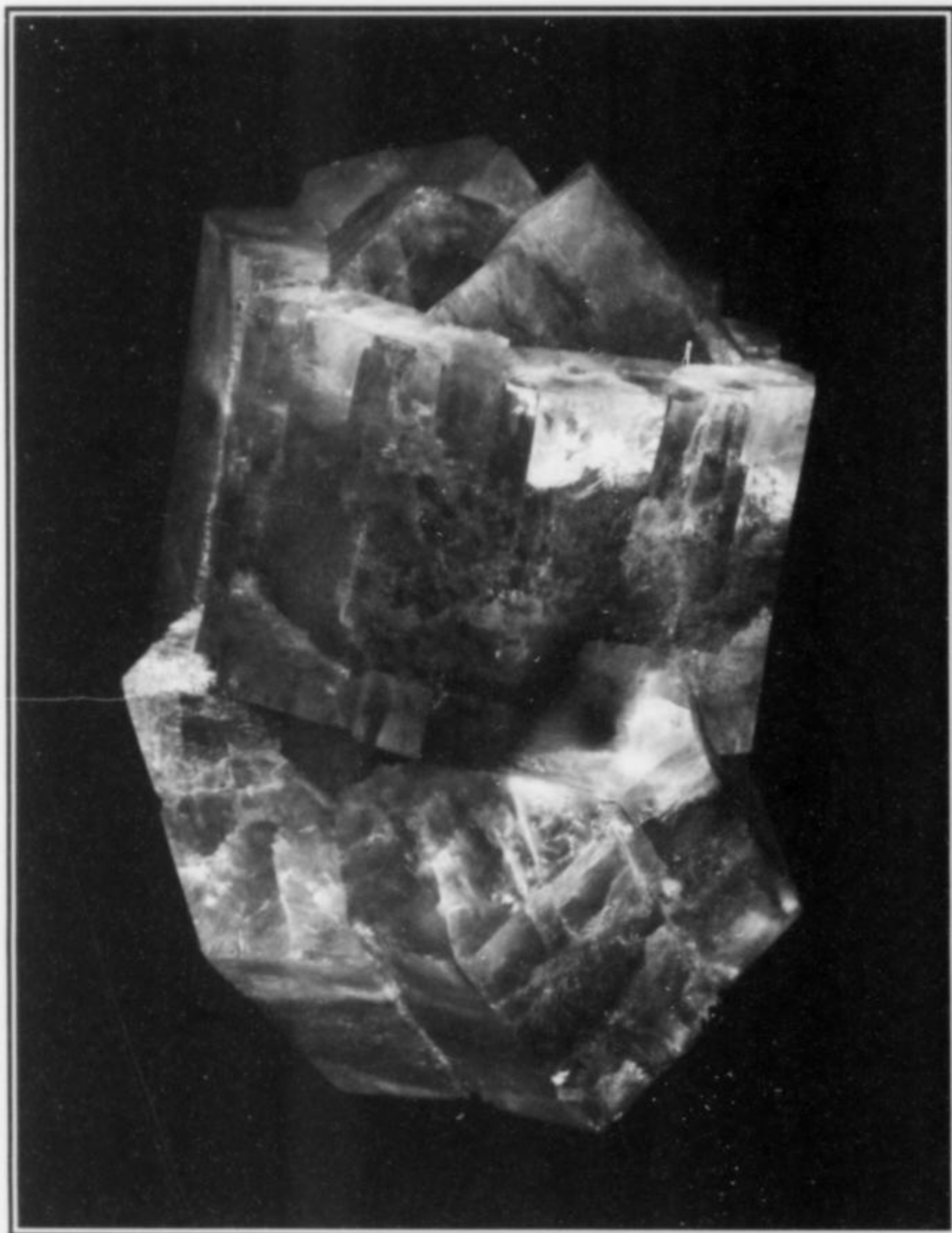
Calcite, 12.7 cm, Sweetwater mine, Reynolds County,
Missouri. Ex George Feist collection. Joe Budd photo.



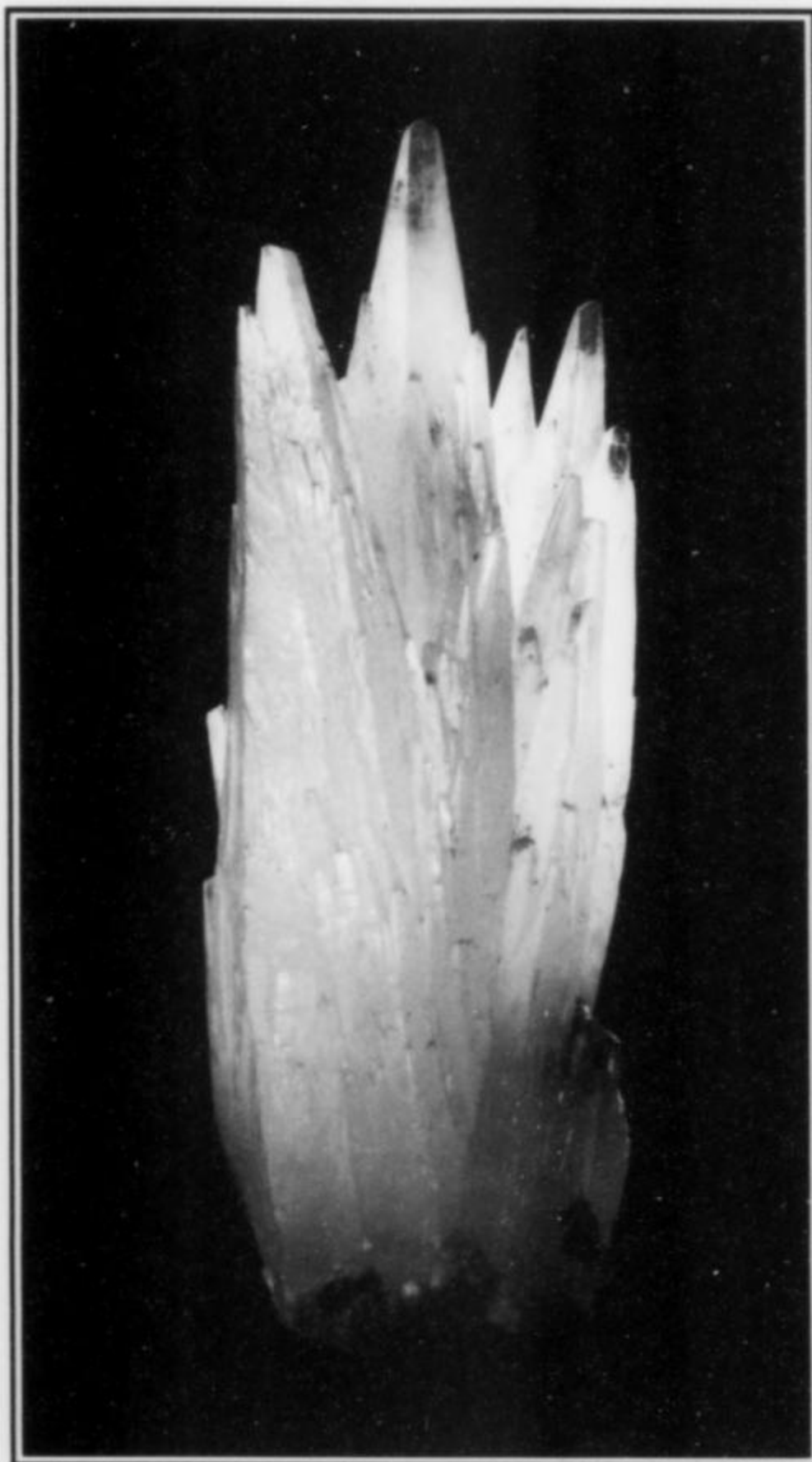
Galena, 15.9 cm, West Fork mine, Viburnum Trend, Reynolds County, Missouri. Ex George Feist collection. Joe Budd photo.



Calcite, 15.9 cm, Gozichang mine, Guangxi
Zhuang Autonomous Region, China. Joe Budd photo.

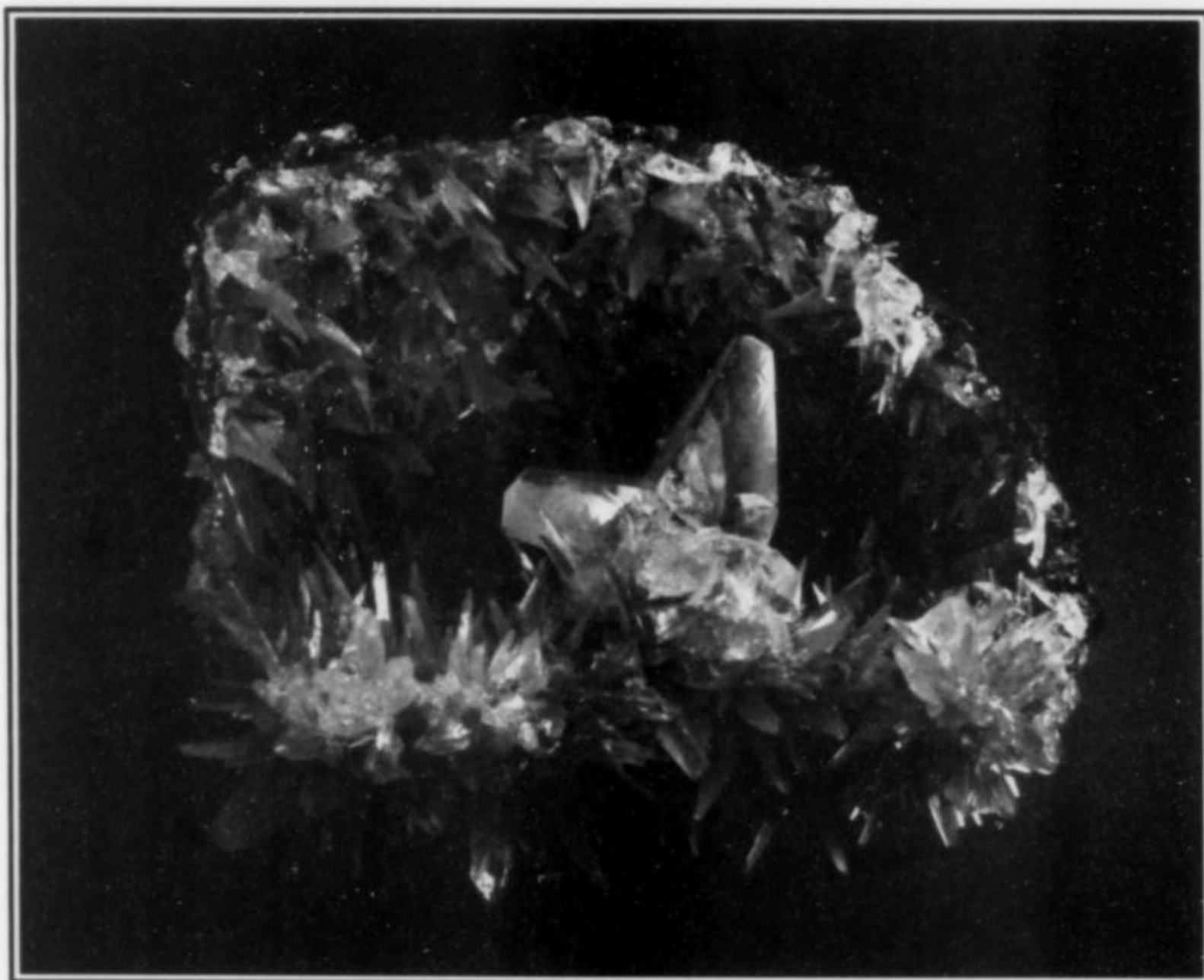


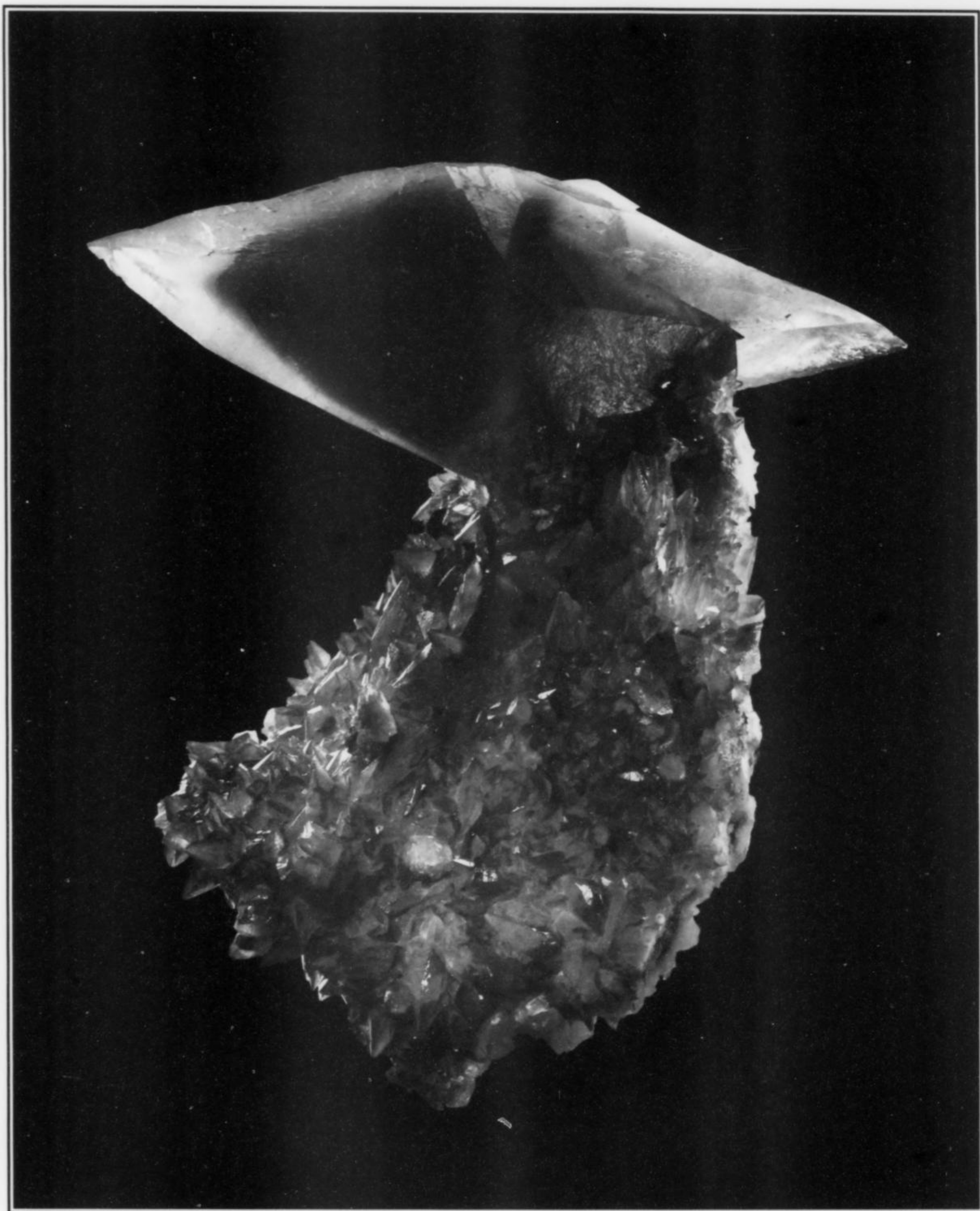
Aragonite, 7.6 cm,
Minglanilla, Castile-La
Mancha, Spain. Ex Gene
and Roz Meieran collection.
Joe Budd photo.



Aragonite, 9.5 cm, Cleator Moor, Cumbria,
England. Ex Seaman Mineral Museum, Michigan
Technical University collection. Joe Budd photo.

Calcite (twin), 7 cm,
Leiping mine, Guiyang,
Chenzhou Prefecture,
Hunan Province, China.
Joe Budd photo.





Calcite with iron-rich phantom, 11.4 cm, Tonglushan Cu-Au-Fe deposit, Edong mining district, Daye, Huangshi Prefecture, Hubei Province, China. Joe Budd photo.

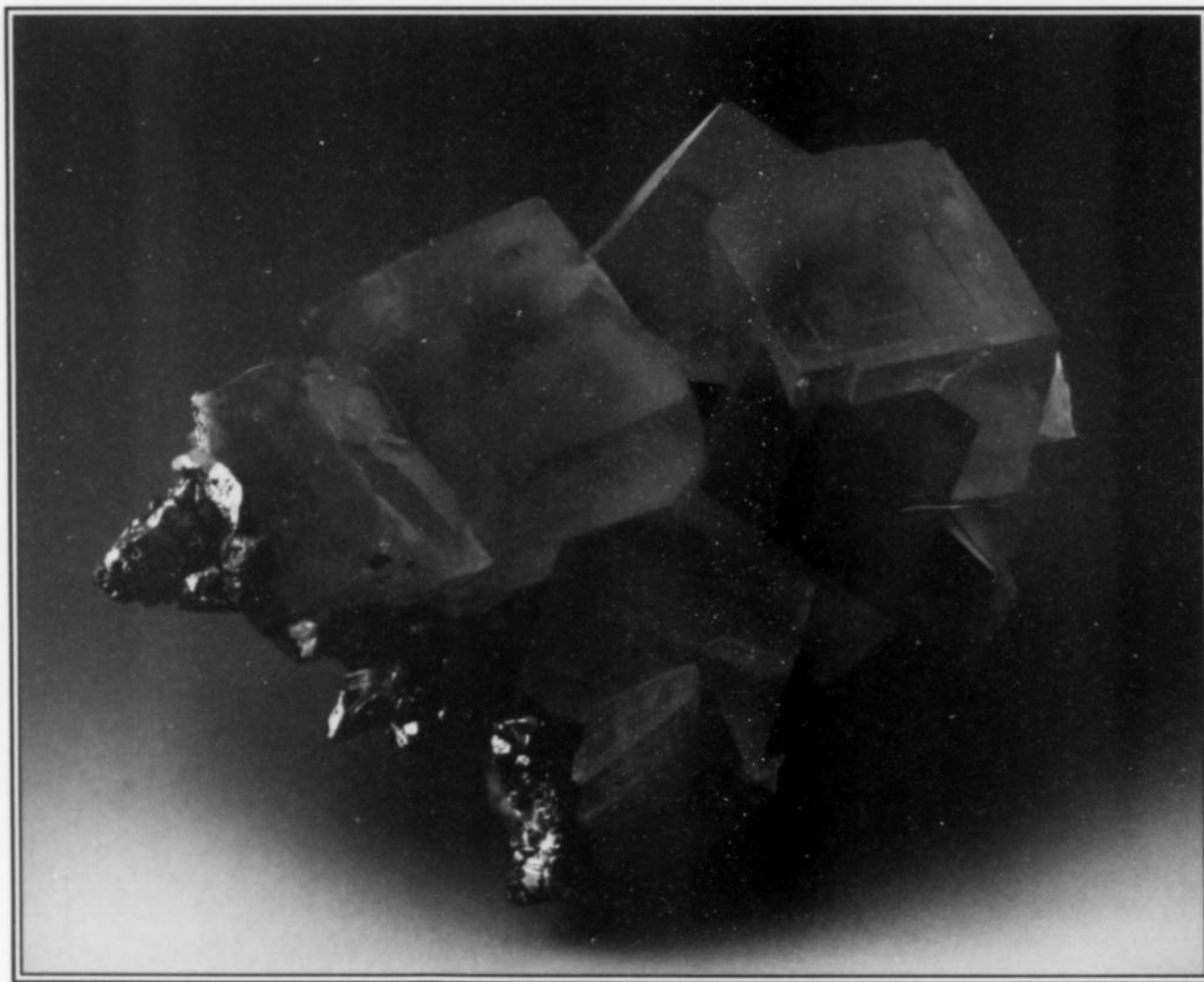
Tim & Holly Smith



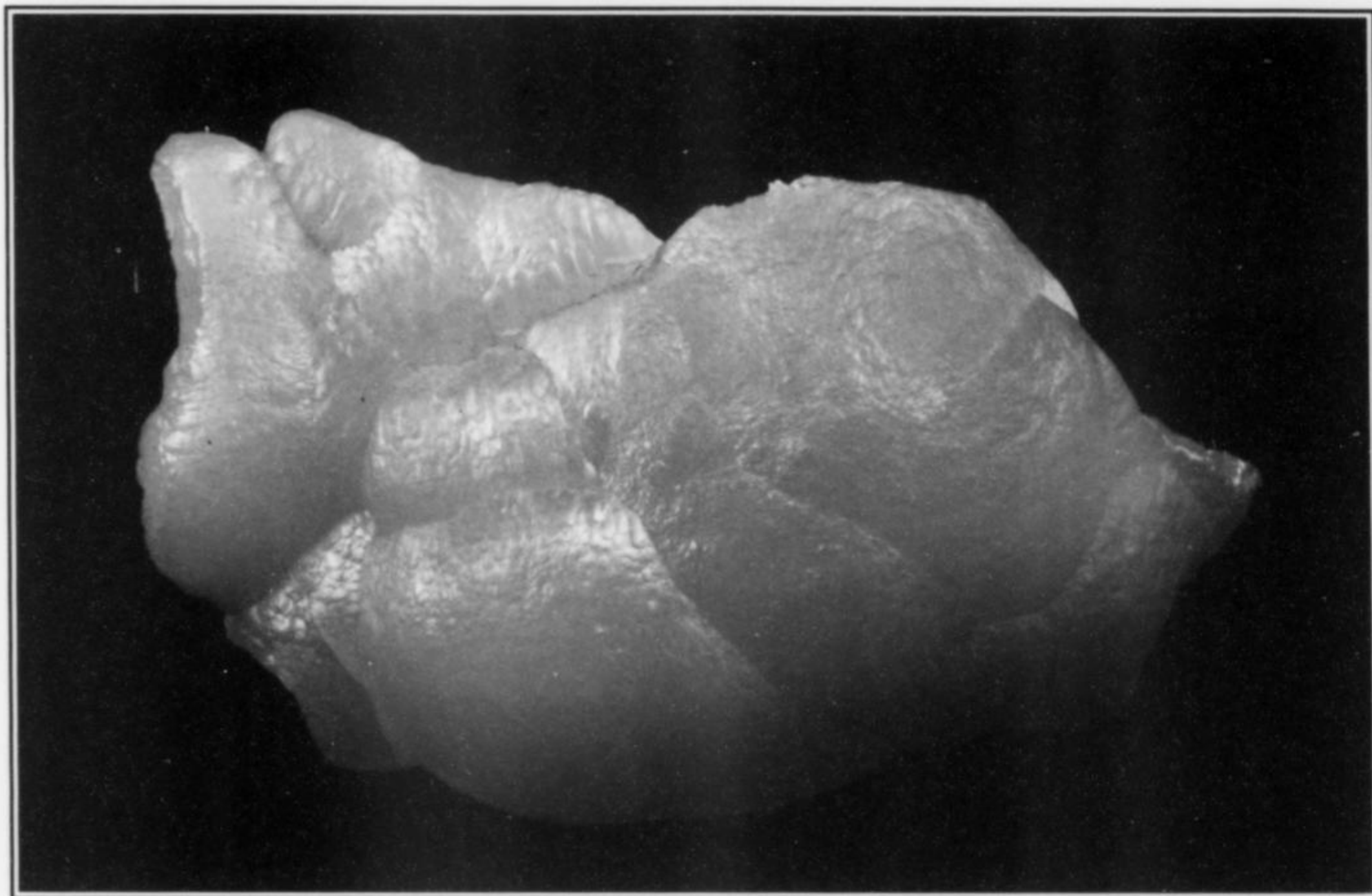
Mineral collecting has been a life-long passion for Holly and me, as our foundation in the hobby developed through participation in the gem and mineral clubs in Houston and Cincinnati, respectively. Our mentors included family members, fellow gem and mineral club members, and mineral dealers, providing encouragement and guidance, and fostering our collecting spirit. My interest led me to earn a geology degree from the University of Cincinnati, whereas Holly's led her in a more entrepreneurial direction: selling minerals, jewelry and fossils.

Though we'd not yet met, our paths were very similar. Beginning in the early 1970s we were enjoying field collecting, learning from the experts in the clubs, skipping college classes to visit local rock shops, and traveling to local and national gem shows. We both began to acquire quality specimens with the goal of competitive exhibition.

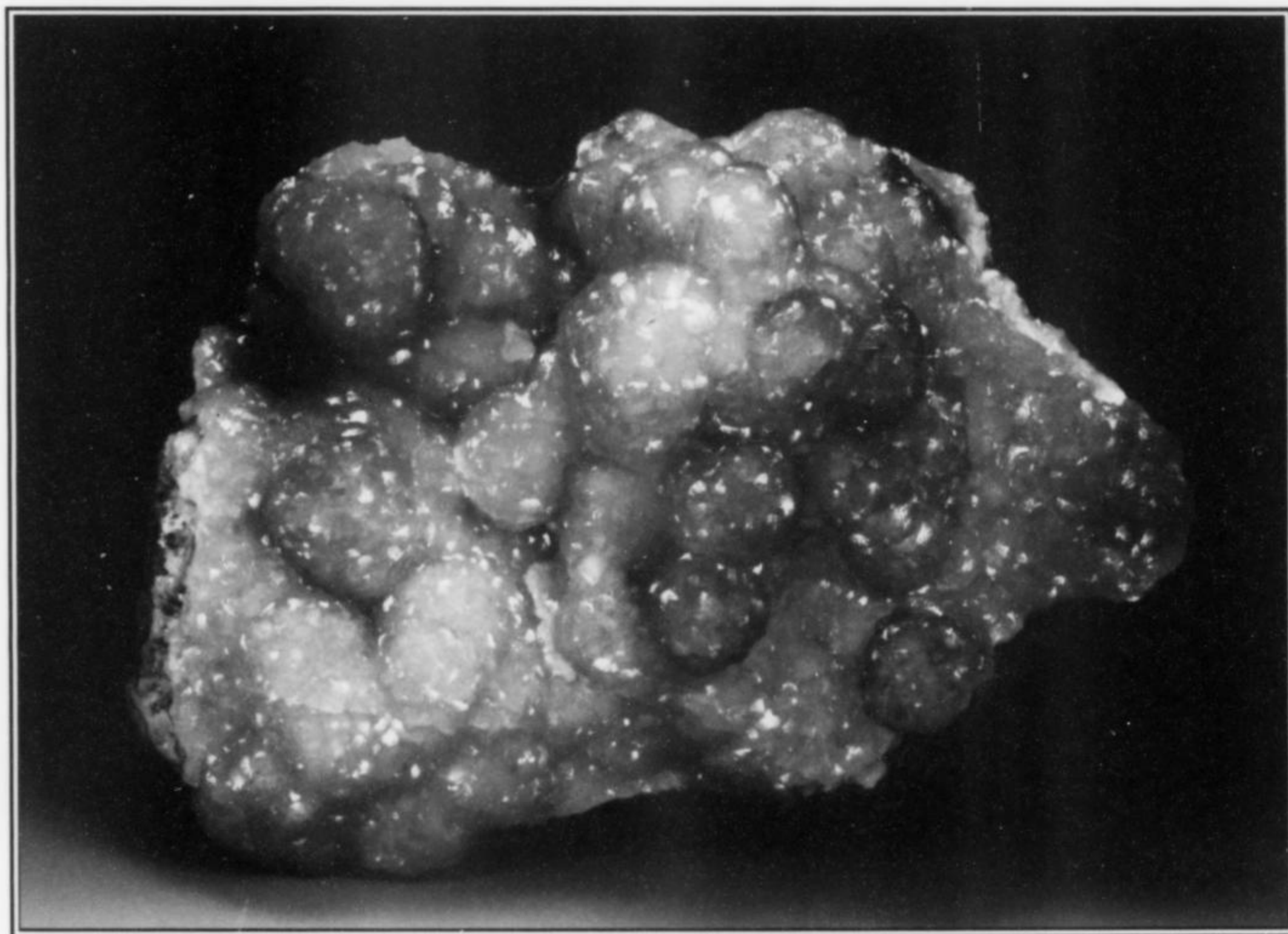
Our quest for aesthetic, well-crystallized mineral specimens goes on today, as we continue developing our diverse collection from world-wide localities. In recent years, minerals that have been of particular interest to us include calcite, smithsonite, tourmaline, aquamarine and native gold. Our association with mineral collectors in Texas and from around the world enables us to keep current with new mineral finds, enjoy the company of our fellow collectors, and share the thrill of finding that next exciting specimen for our collection.



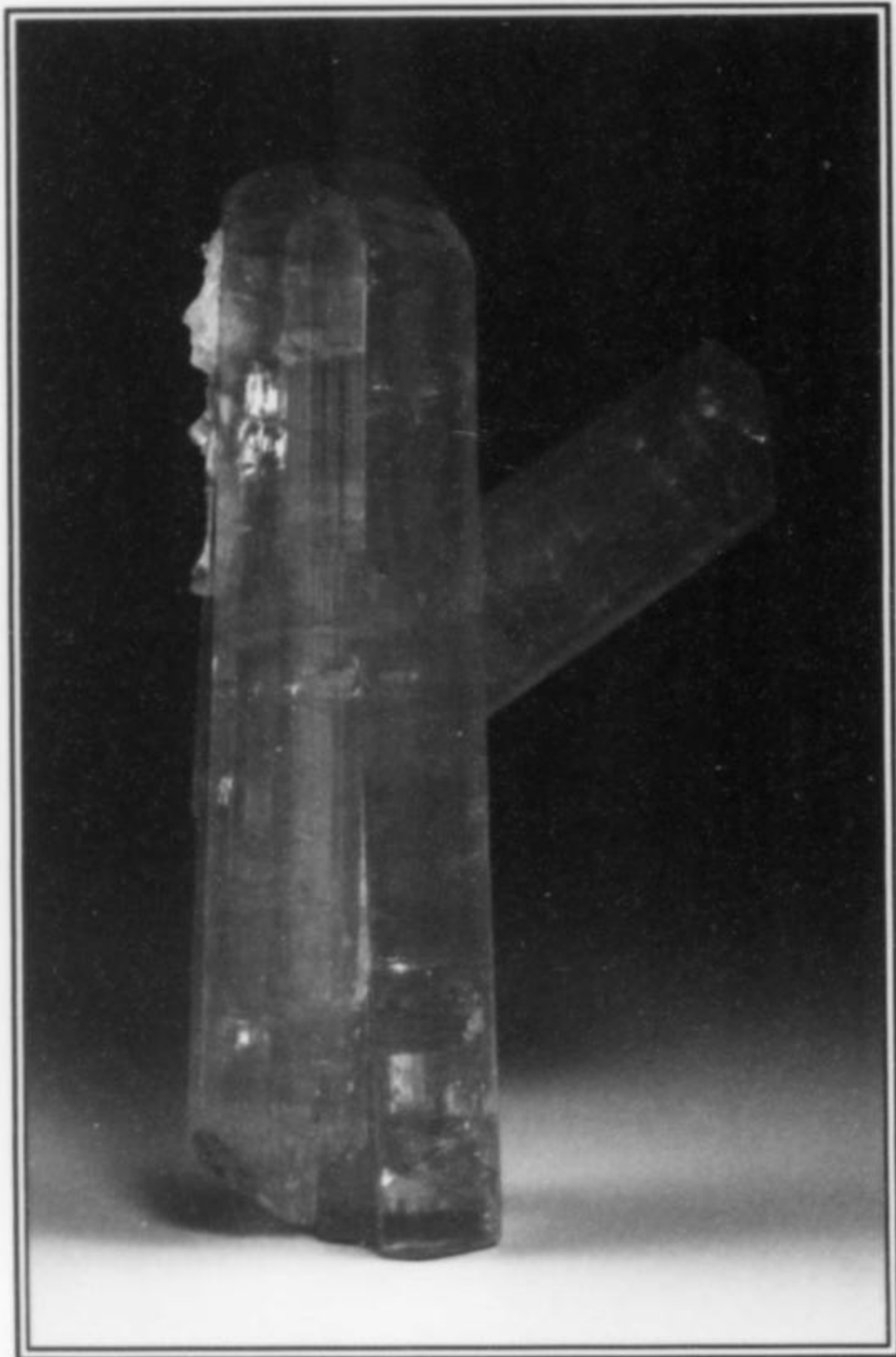
Rhodochrosite, 3.9 cm, Sweet Home mine, Alma, Park County, Colorado. Holly Smith photo.



Smithsonite, 5.7 cm., Kelly mine, Magdalena, Socorro County, New Mexico. Holly Smith photo.



Smithsonite (copper-rich), 11.2 cm, Tsumeb mine, Tsumeb, Namibia. Holly Smith photo.

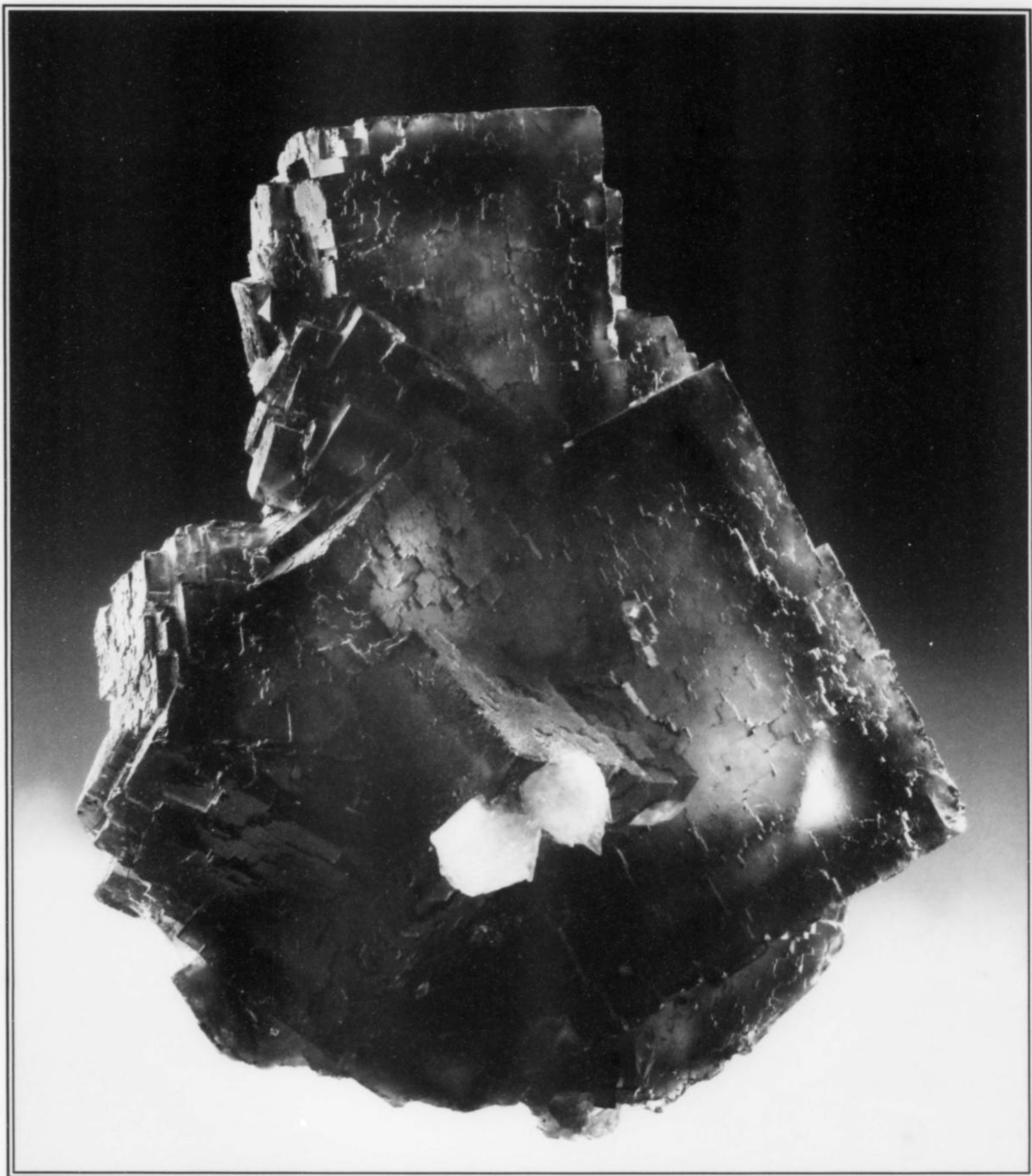


Elbaite, 6.7 cm, from the Mawi mine, Nuristan area, Laghman Province, Afghanistan. Holly Smith photo.

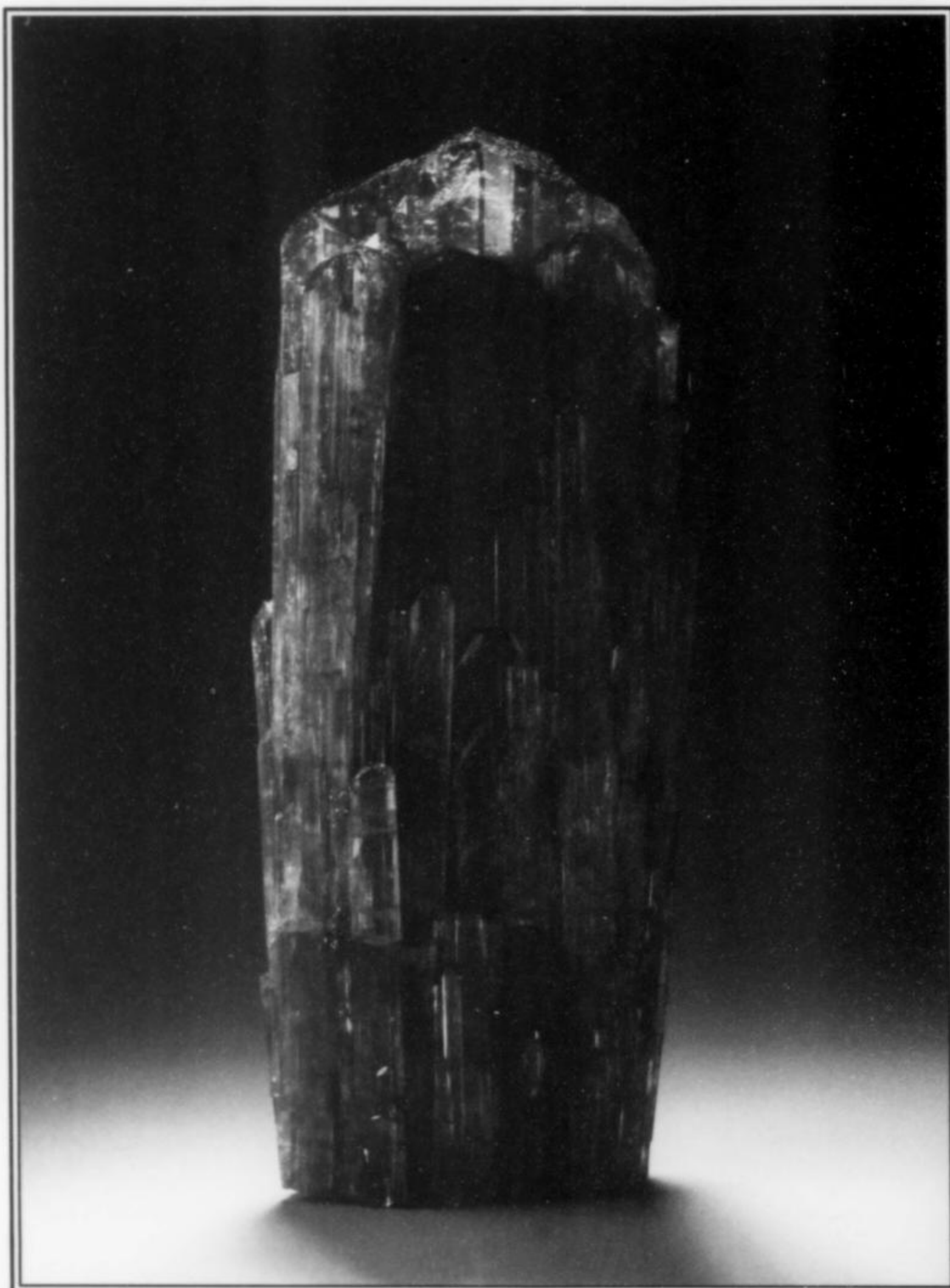
Dioptase, 3.1 cm, Tsumeb mine, Tsumeb, Namibia. Holly Smith photo.



Gold, 6.6 cm, Rheola, Central Victoria, Australia. Holly Smith photo.

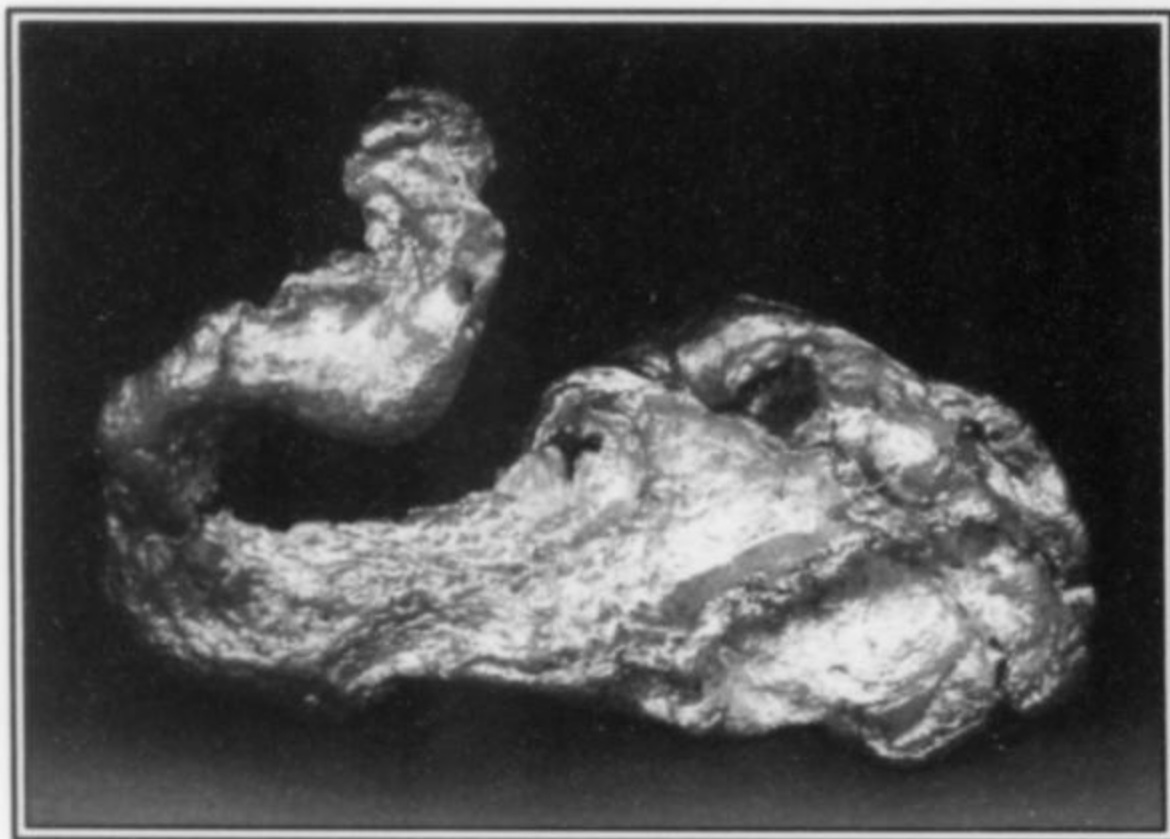


Fluorite with calcite, 27 cm, Annabel Lee mine,
Hardin County, Illinois. Holly Smith photo.

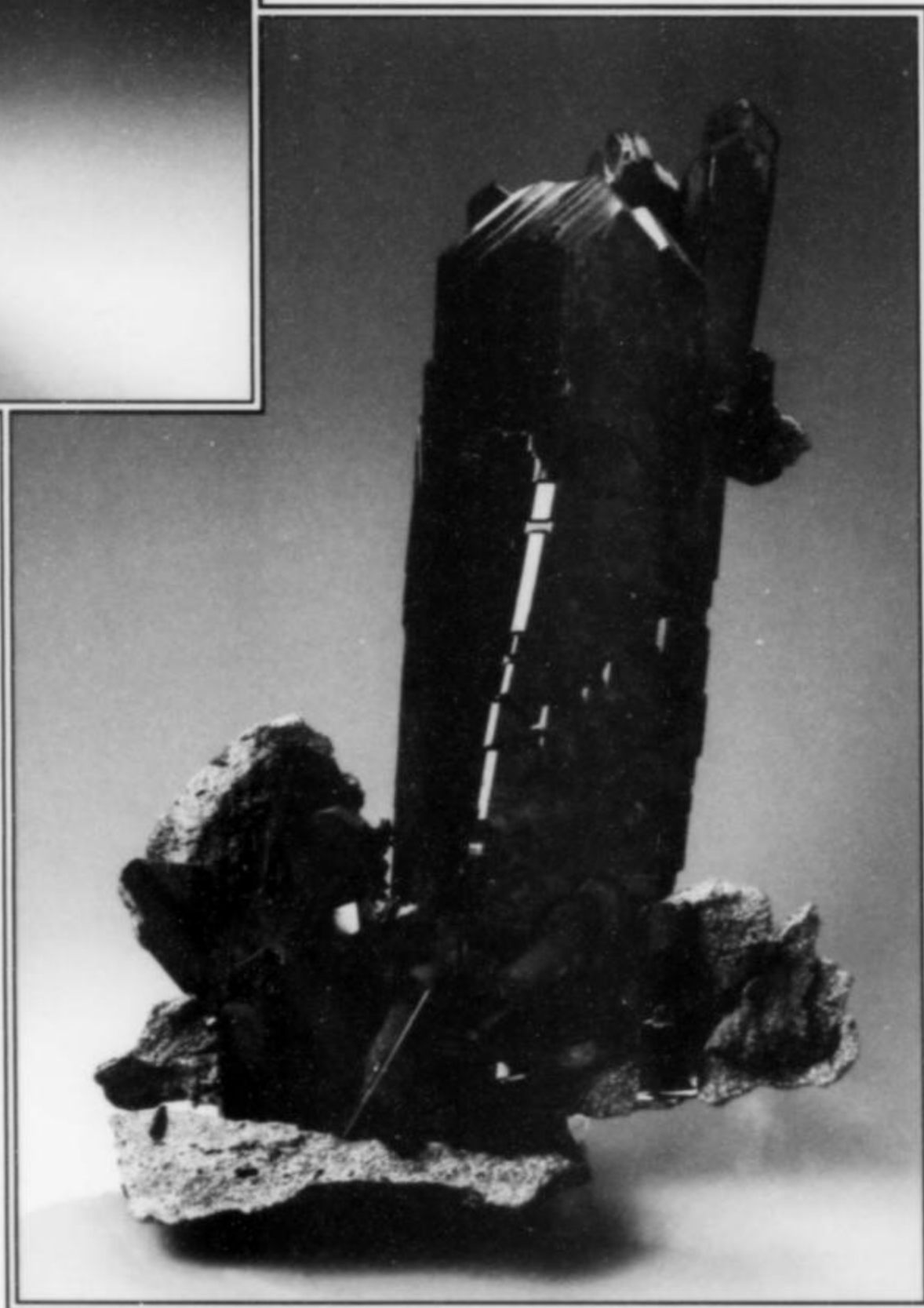


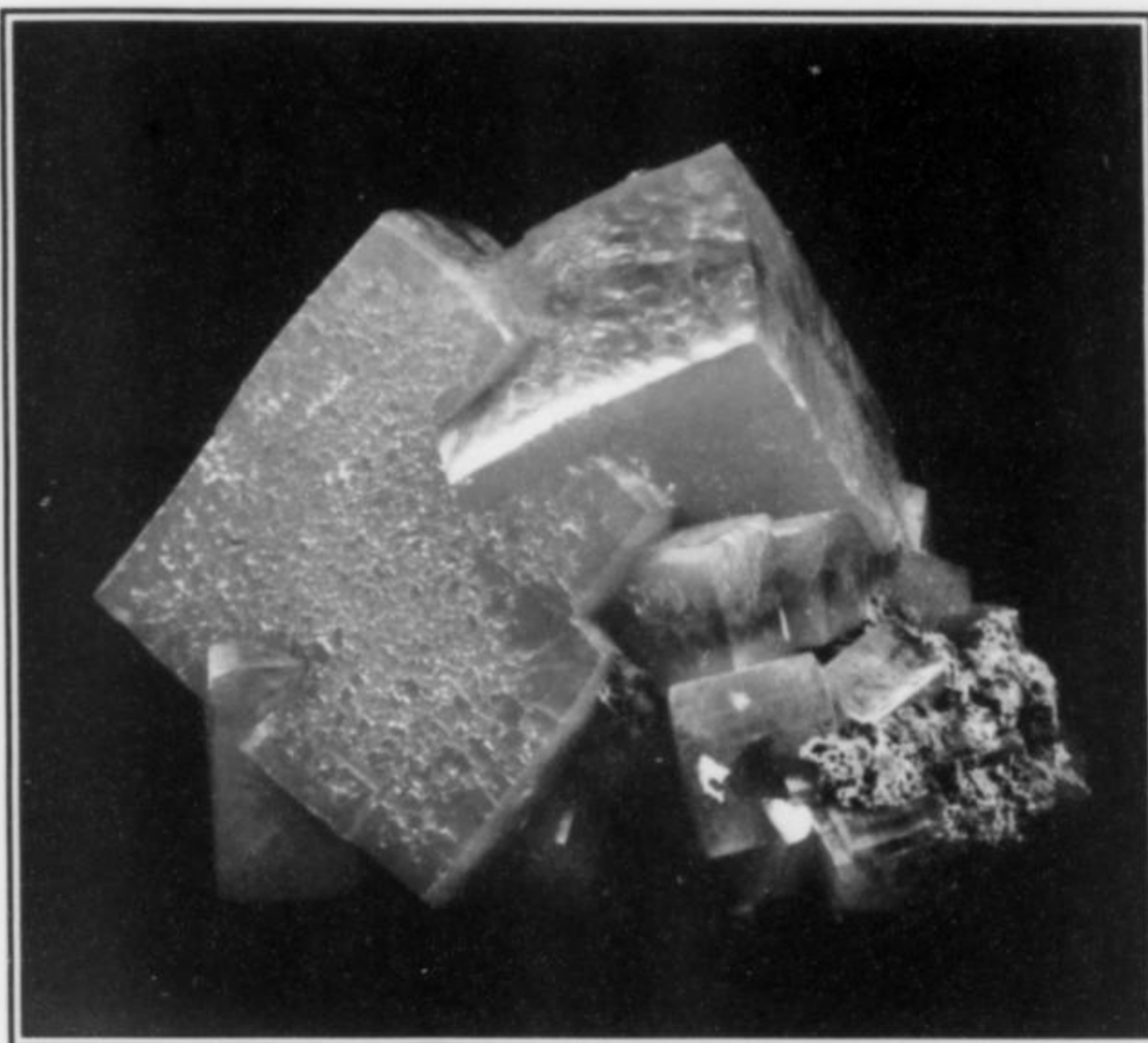
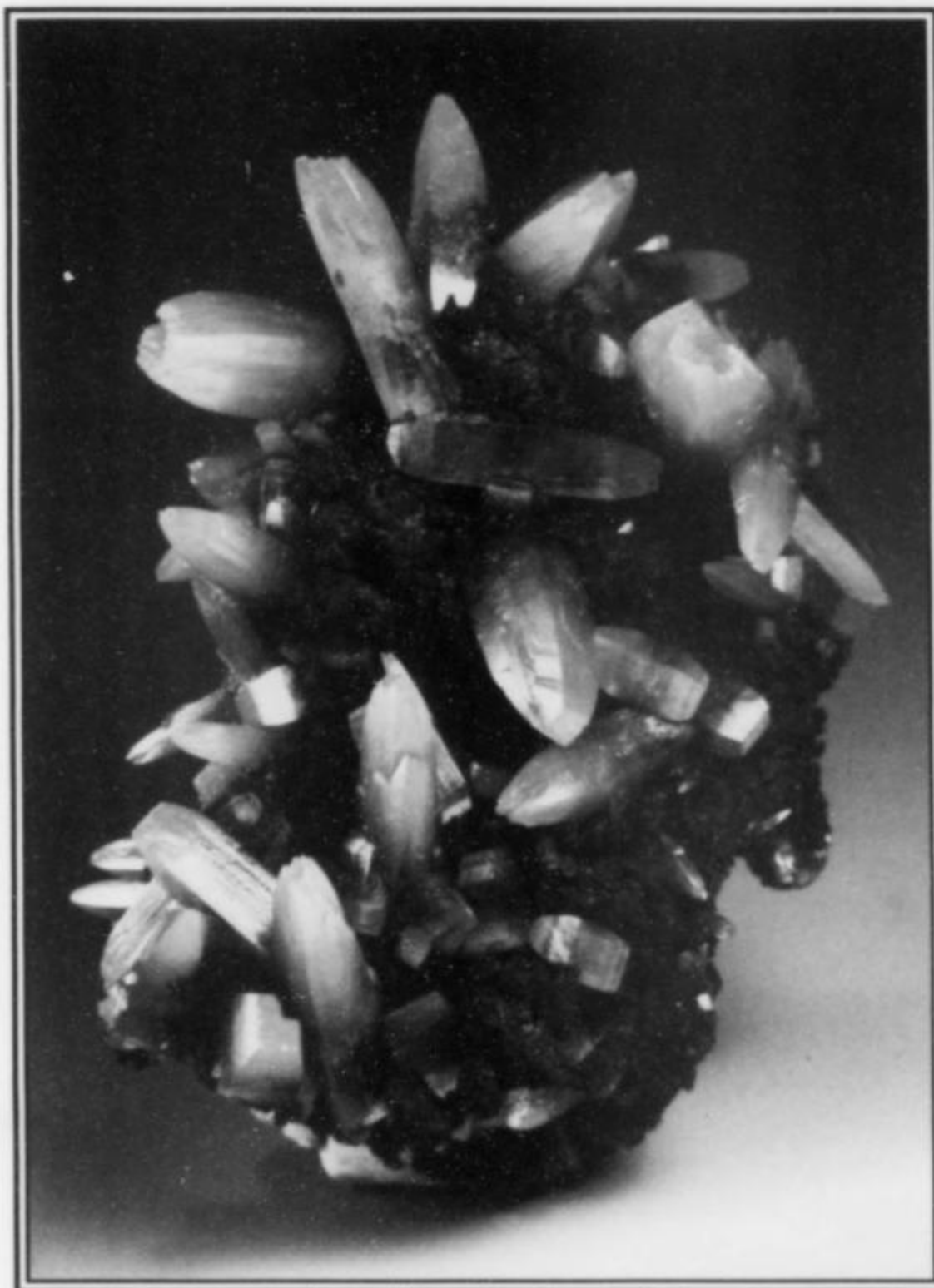
Elbaite, 13 cm, Paprok,
Kunar Province,
Afghanistan. Holly
Smith photo.

Vivianite, 8 cm,
Morococala, Oruro
Department, Bolivia.
Holly Smith photo.



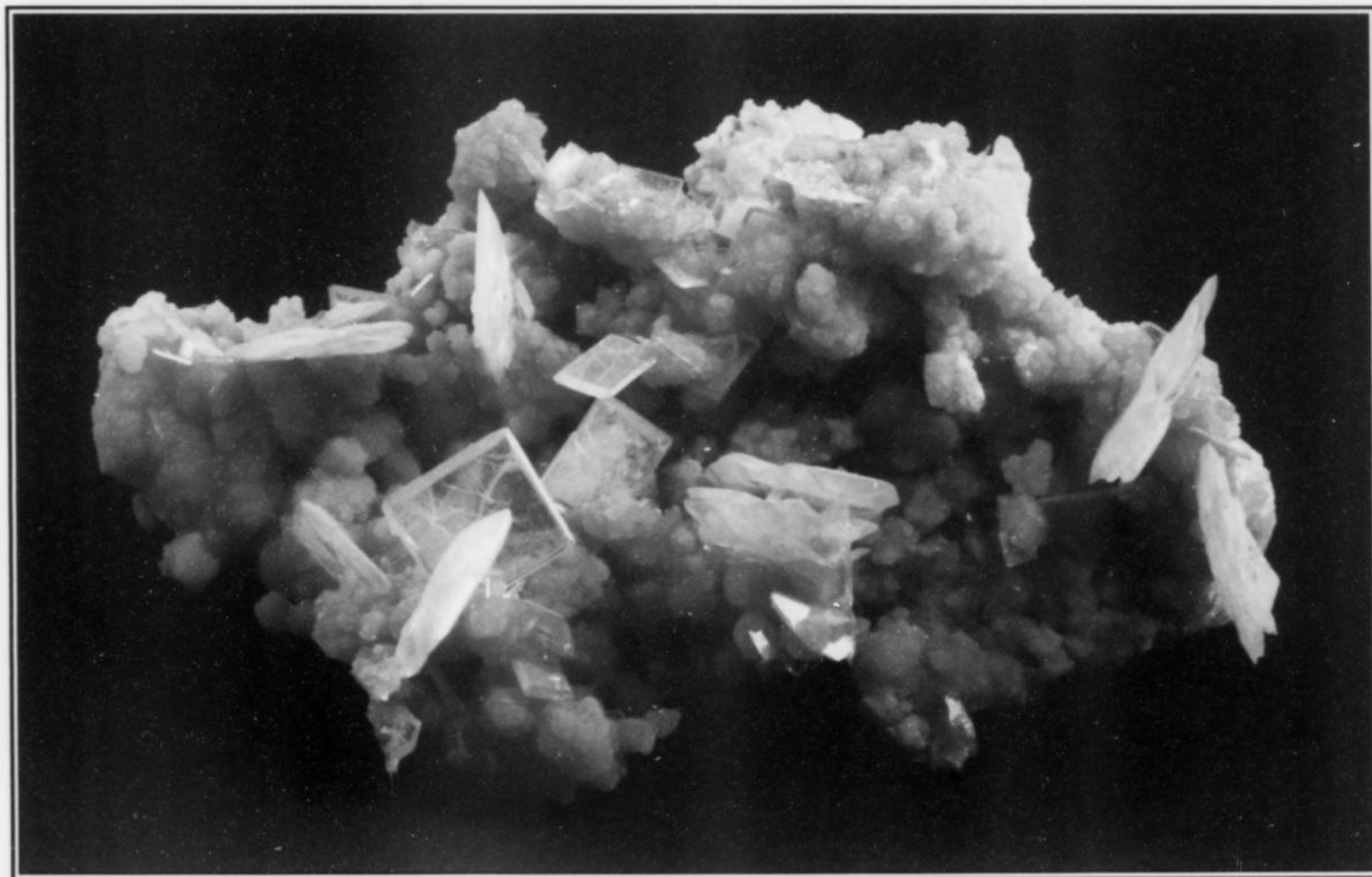
Gold, 4.5 cm, Wychetella, north of
Weddebourne, Victoria, Australia.
Holly Smith photo.





Wulfenite, 3.4 cm, Ahumada Mine, Los Lamentos, Chihuahua, Mexico. Holly Smith photo.

Wulfenite, 4.8 cm, San Juan Poniente Vein, Level 6, Ojuela mine, Mapimí, Durango, Mexico. Holly Smith photo.



Wulfenite with mimetite, 6.2 cm, San Francisco mine, Magdalena, Sonora, Mexico. Holly Smith photo.

Gail & Jim Spann



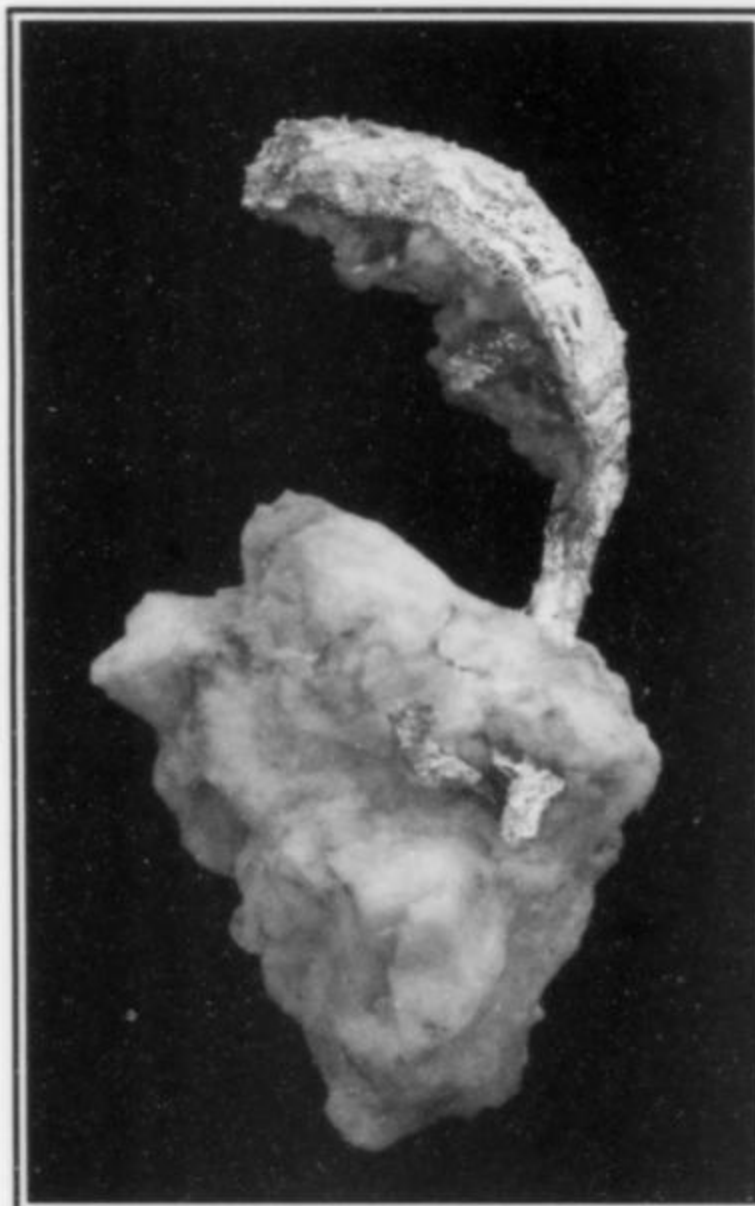
We have always been "collectors," but serious collectors of fine minerals only since early 2005. Over the last four years we have acquired and cataloged over 3,000 specimens. Minerals have taken over our home, displayed in well-lit custom oak cabinets for all to share.

It began innocently enough after seeing the incredible collection on display at the Houston Museum of Natural Science. Gail googled "wulfenite" and yelled across the house: "Hey Honey! You can BUY this stuff!" And that was the start of our collecting and learning together. We first acquired specimens via internet auctions, then from fine mineral galleries, and finally from dealers at the major gem and mineral shows. We competed for the Desautels Trophy at the 2008 Tucson Gem & Mineral Show, and won the award with what was called an "intelligent" display of 36 minerals.

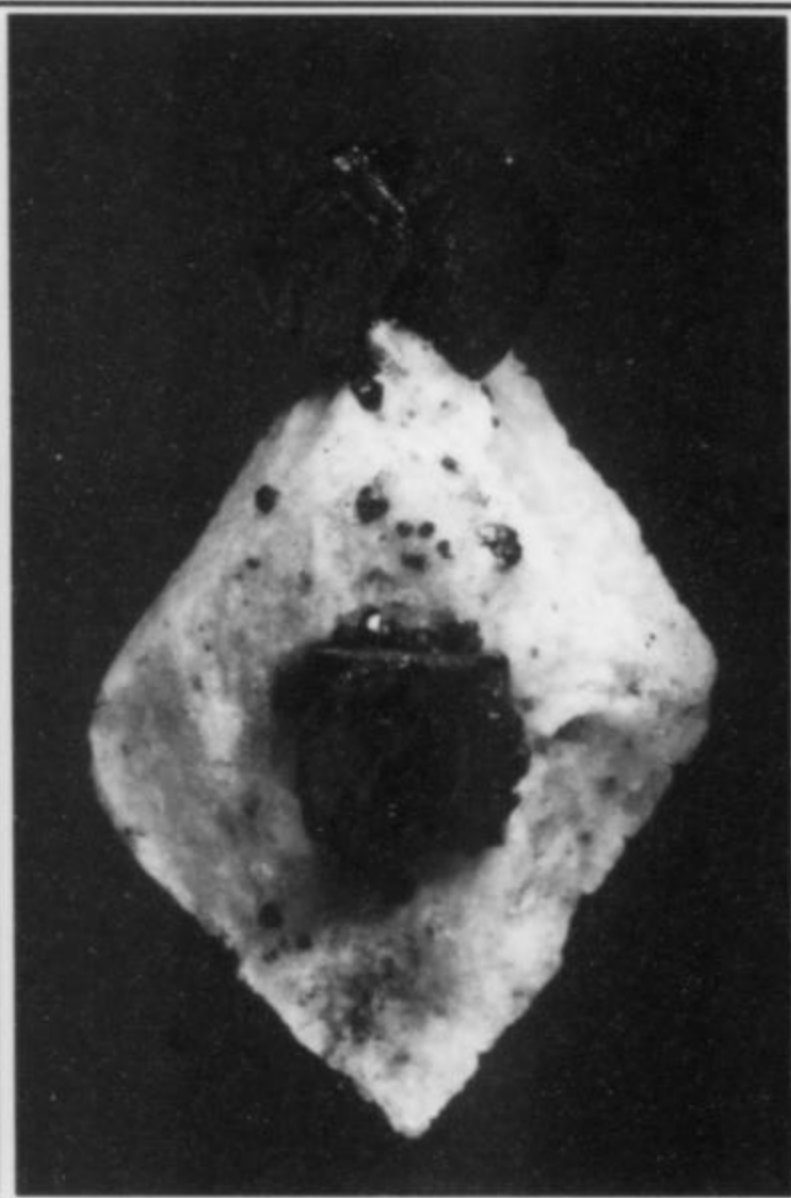
We collect specimens from localities worldwide, in all sizes, gem crystals to "ugly black rocks" to historic locality pieces. We love the natural beauty of their color and form, and we enjoy doing the research to put them in context geographically, mineralogically and historically. We also love seeing how they affect people who are exposed to them for the first time.



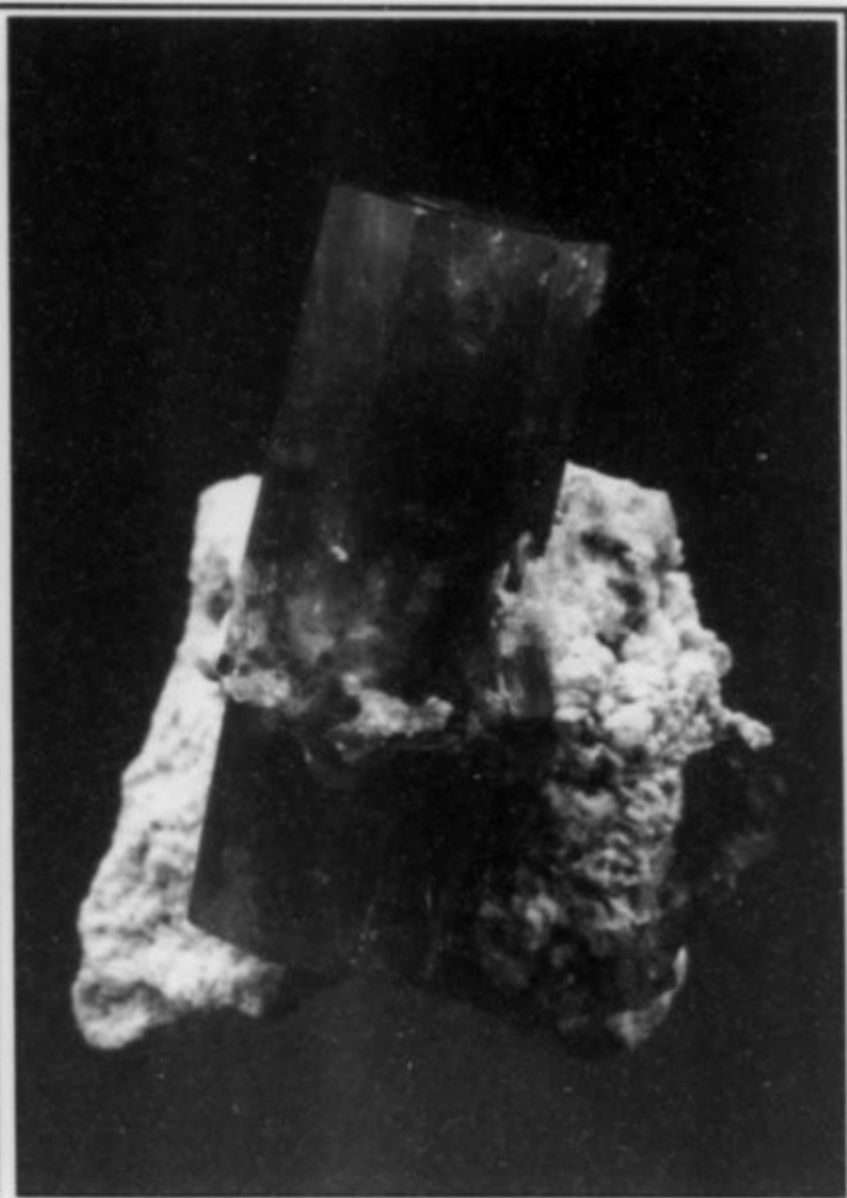
Topaz with quartz, 5.7-cm crystal, Ghundao Hill, Katlang, Mardan, North West Frontier Province, Pakistan. Stuart Wilensky photo.



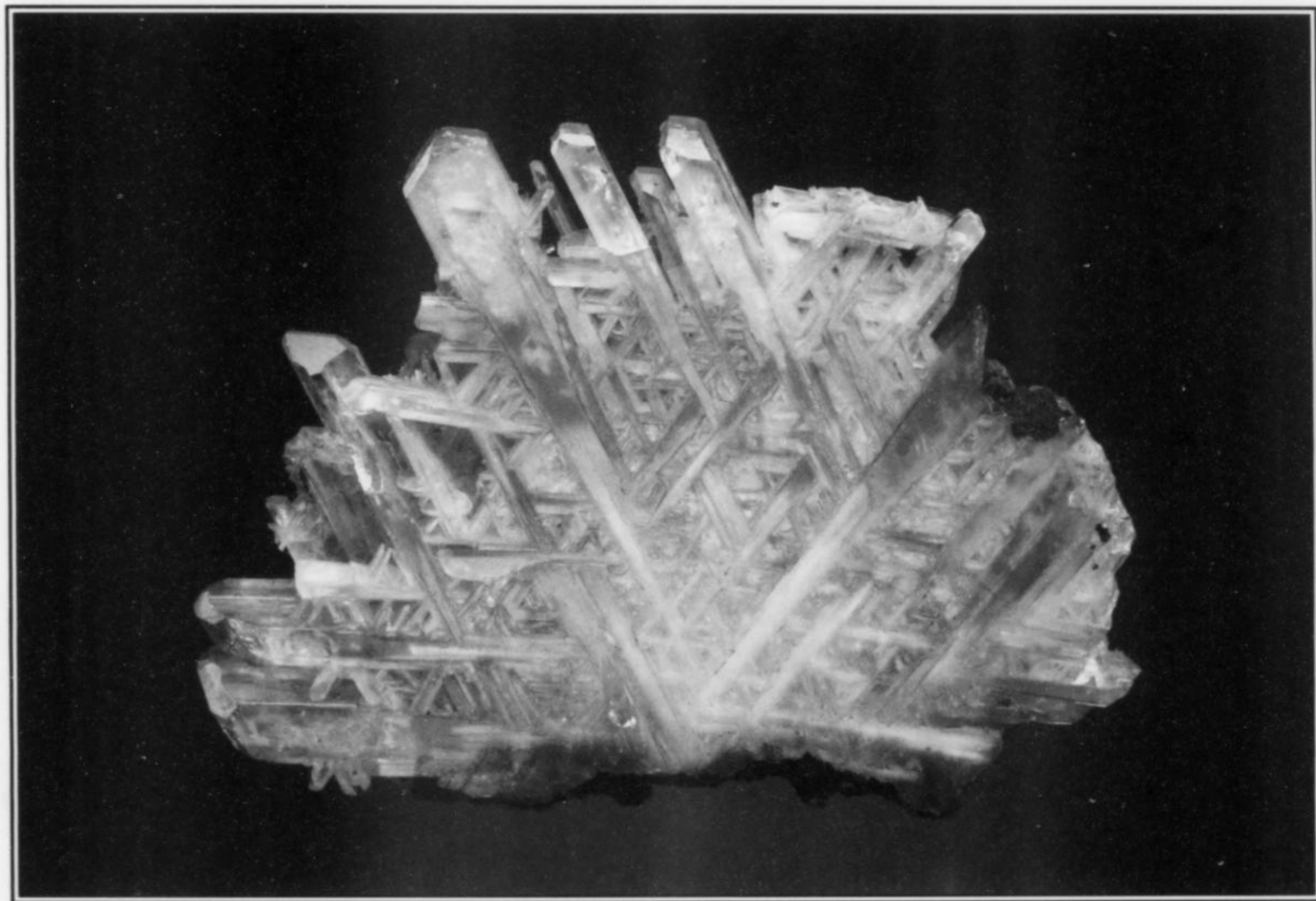
Gold (wire), 5.3 cm,
Santa Elena, Venezuela.
Jeff Scovil photo.



Boleite on anglesite, 2.7 cm, Amelia
mine, Boleo, Baja California Sur,
Mexico. Jeff Scovil photo.



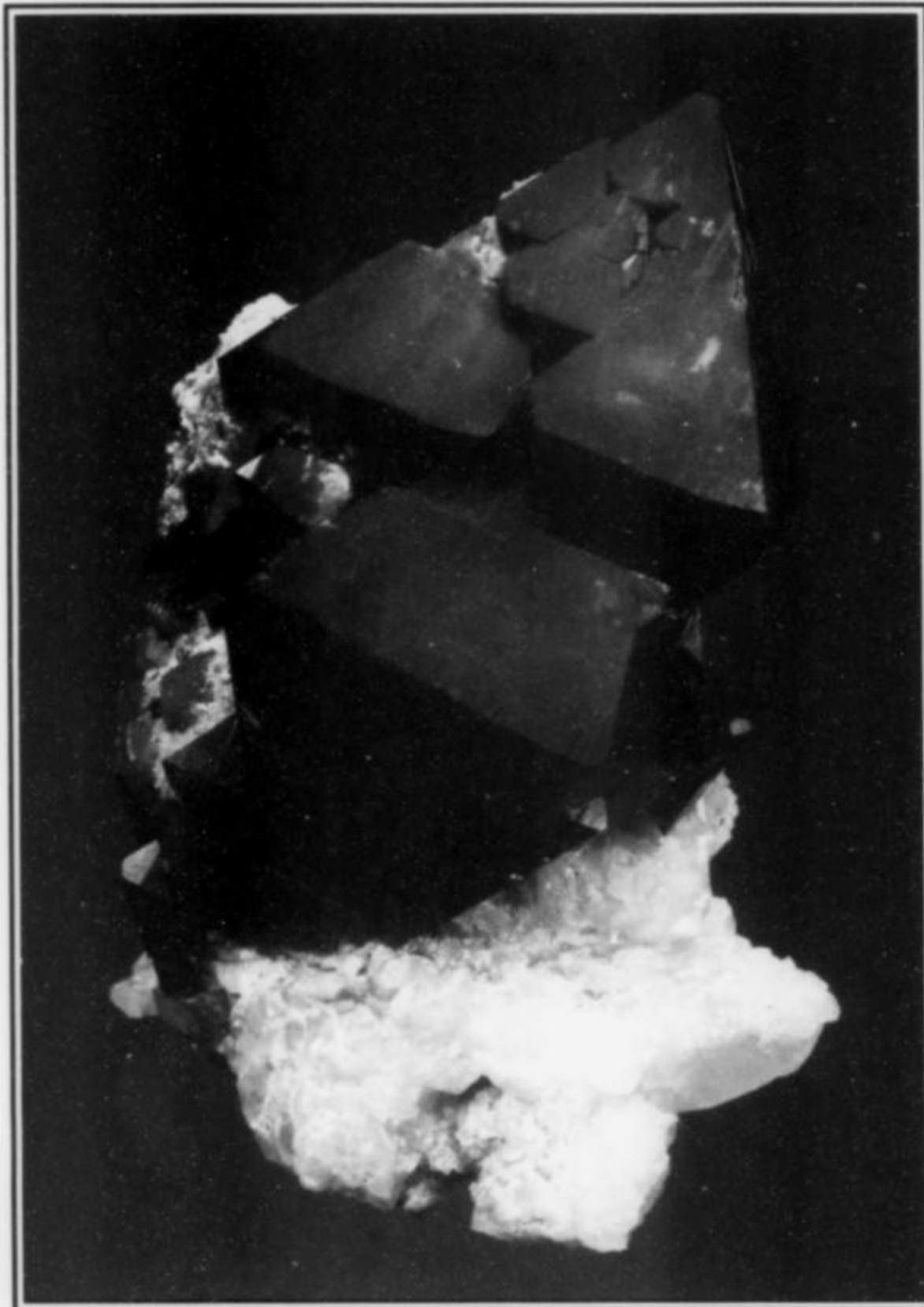
Red beryl, 2.6-cm crystal,
Wah Wah Mountains, Utah.
Jeff Scovil photo.



Cerussite (reticulated), 14.3 cm, Tsumeb
mine, Tsumeb, Namibia. Jeff Scovil photo.



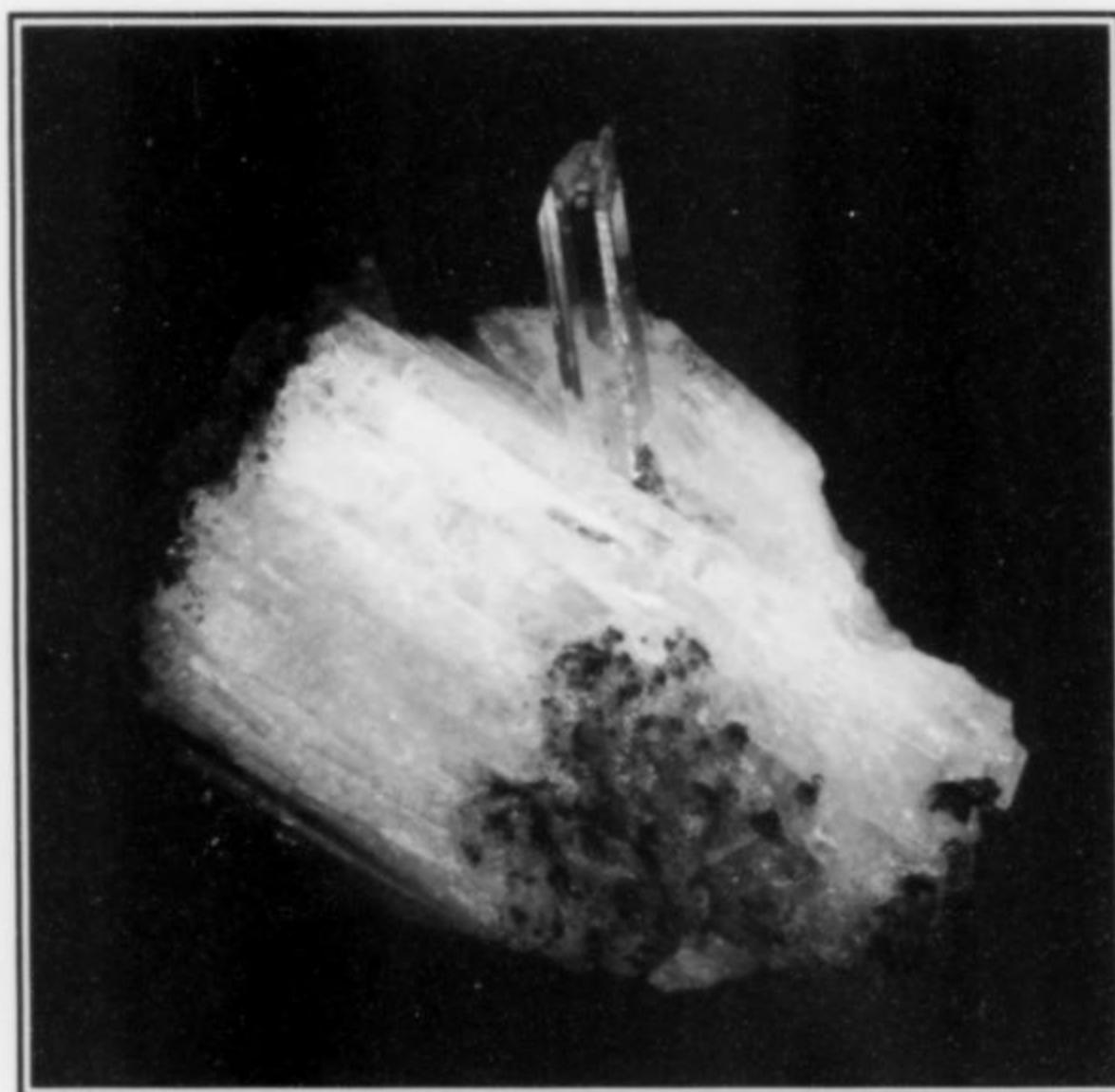
Fluorite, 3.7 cm on edge, with pyrite and galena, Huanzala mine, Huánuco, Peru. Stuart Wilensky photo.



Scheelite (purple) on quartz, 9.8 cm, Yaogangxian mine, Hunan Province, China. Jeff Scovil photo.



Elbaite "blue cap" on quartz, 8.1-cm crystal, Tourmaline Queen mine, Pala, California. Stuart Wilensky photo.

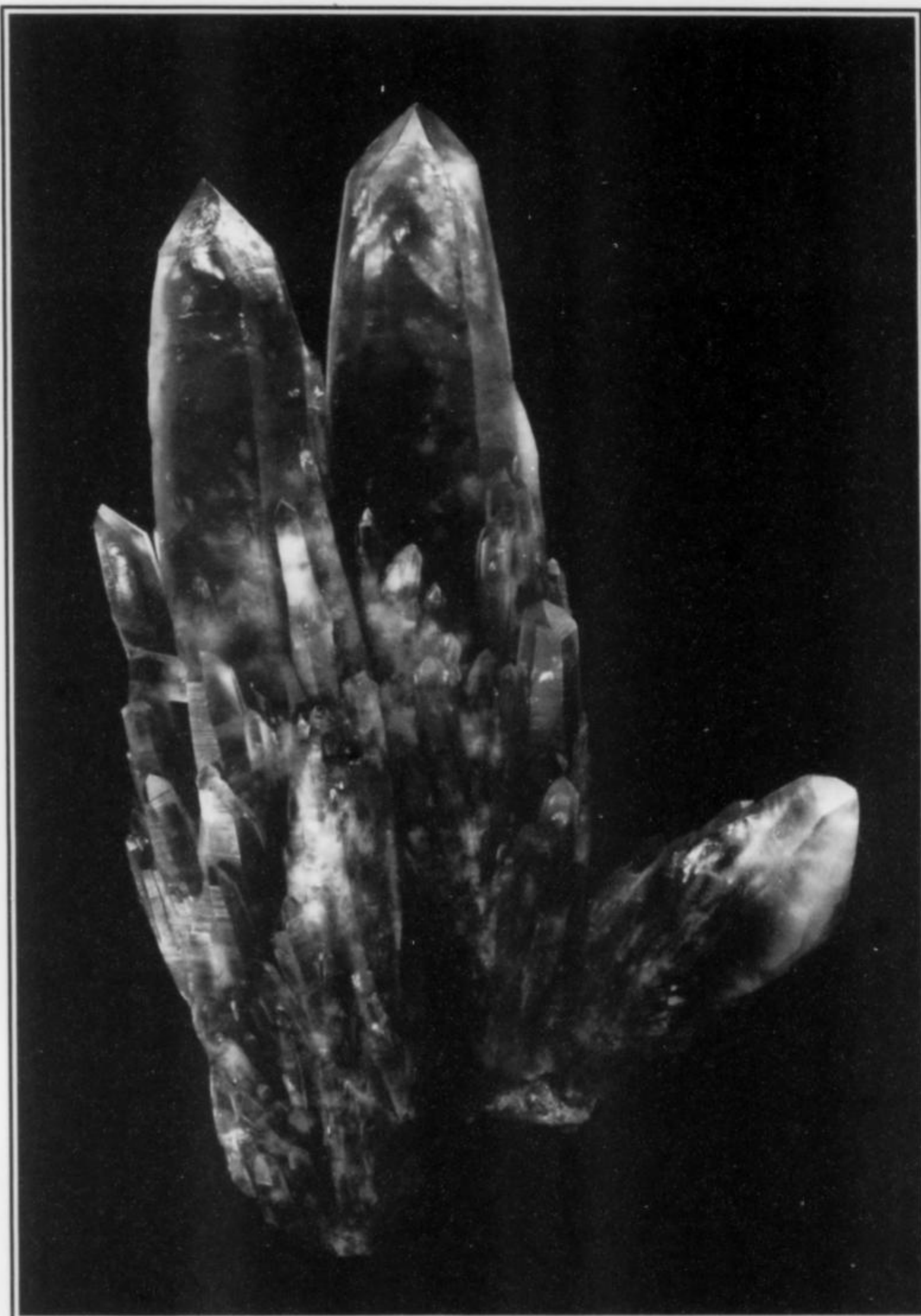


Legrandite, 3 cm, Ojuela mine, Mapimí, Durango, Mexico. Jeff Scovil photo.

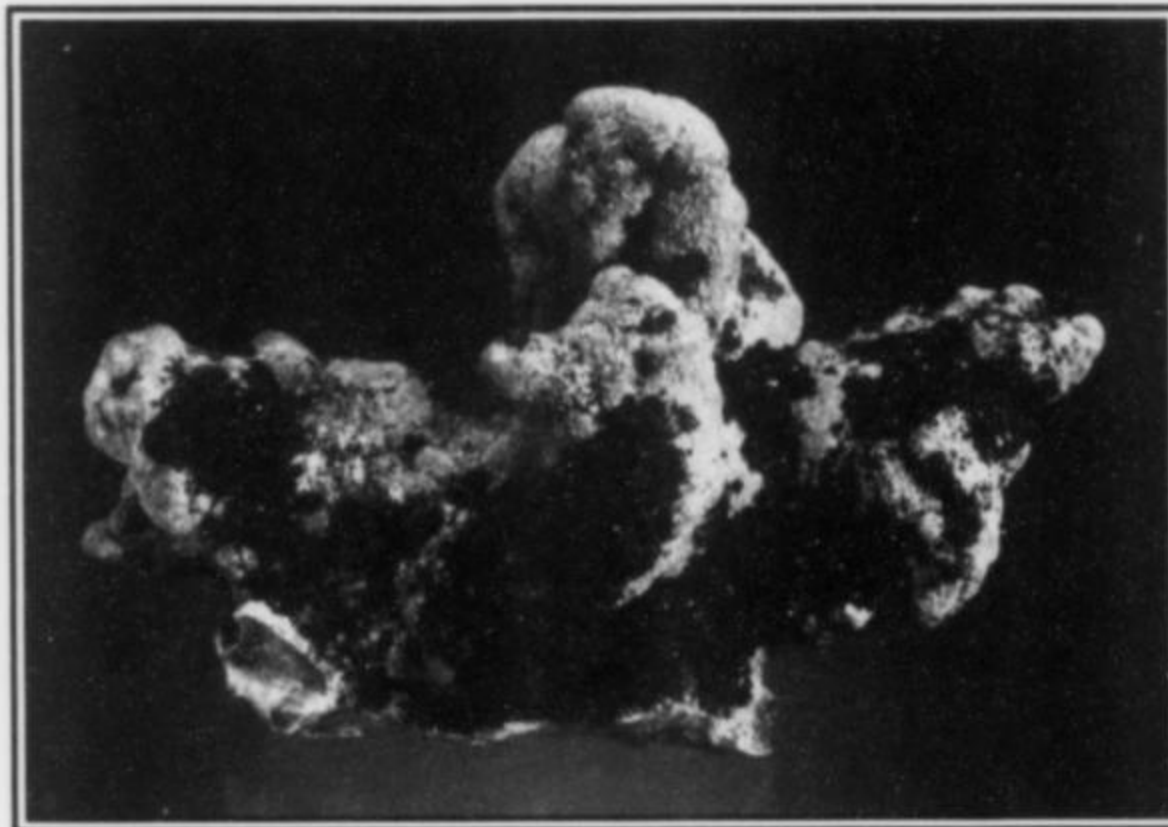
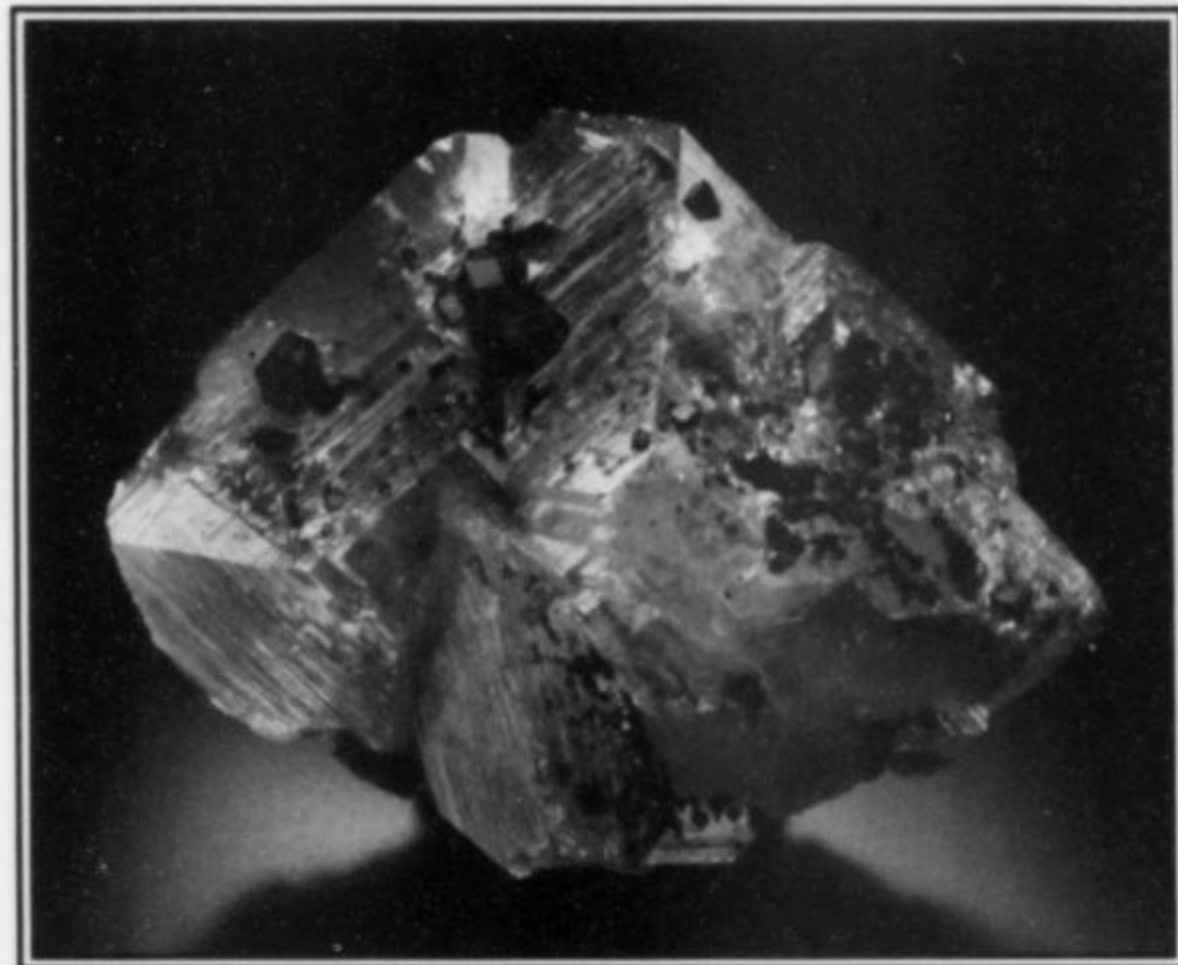


Heliodor beryl, 8.7 cm, Green Walking Stick mine, Karoi district, Zimbabwe. Jeff Scovil photo.

Amethystine quartz, 37.7 cm, La Valenciana mine, Amatitlán, Guerrero, Mexico. Jeff Scovil photo.



Dioptase on wulfenite, 4.5-cm crystal, Tsumeb mine, Tsumeb, Namibia. Jeff Scovil photo.



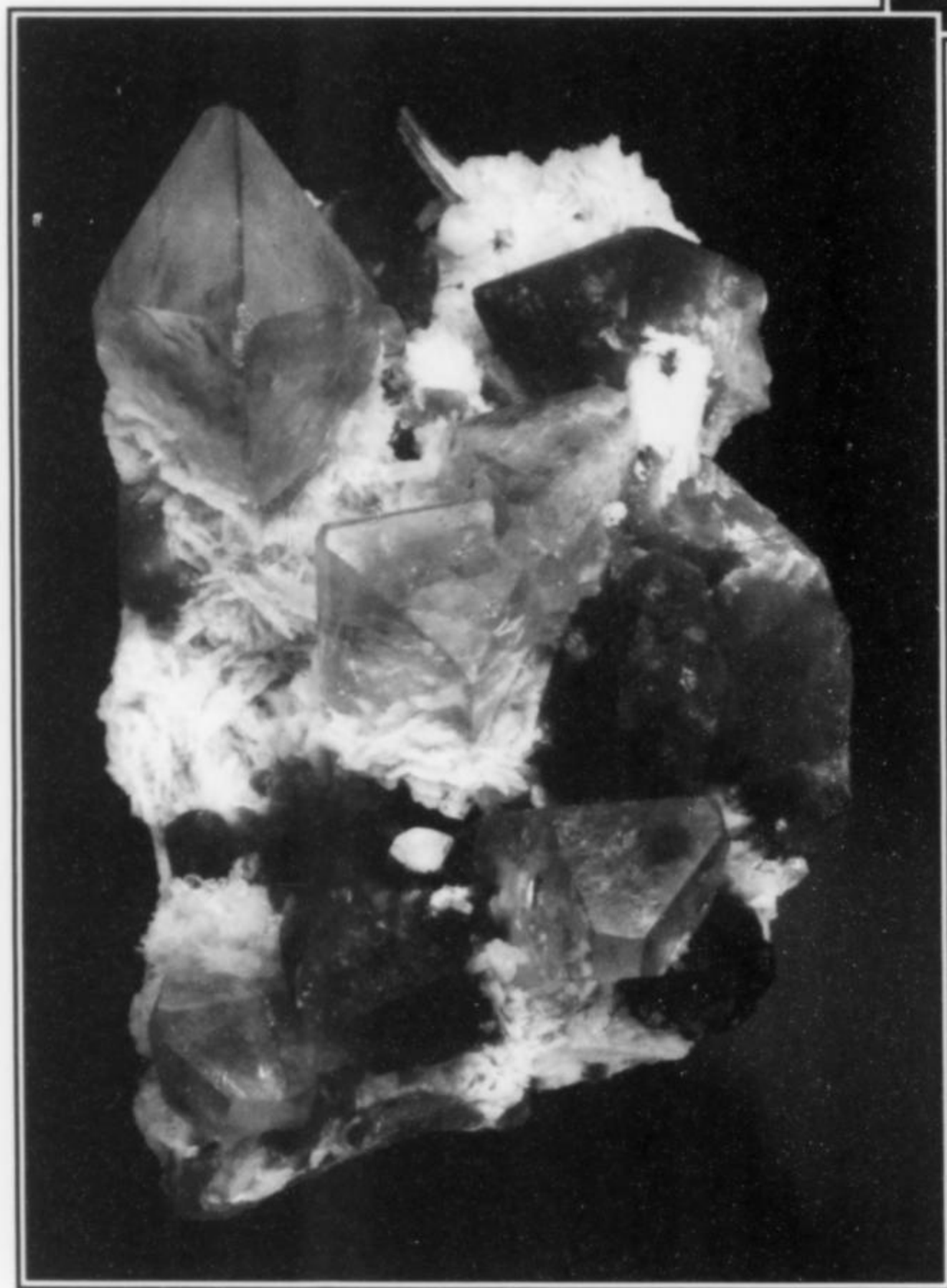
Linarite with olivenite, 7.9 cm, Tsumeb mine, Tsumeb, Namibia. Jeff Scovil photo.



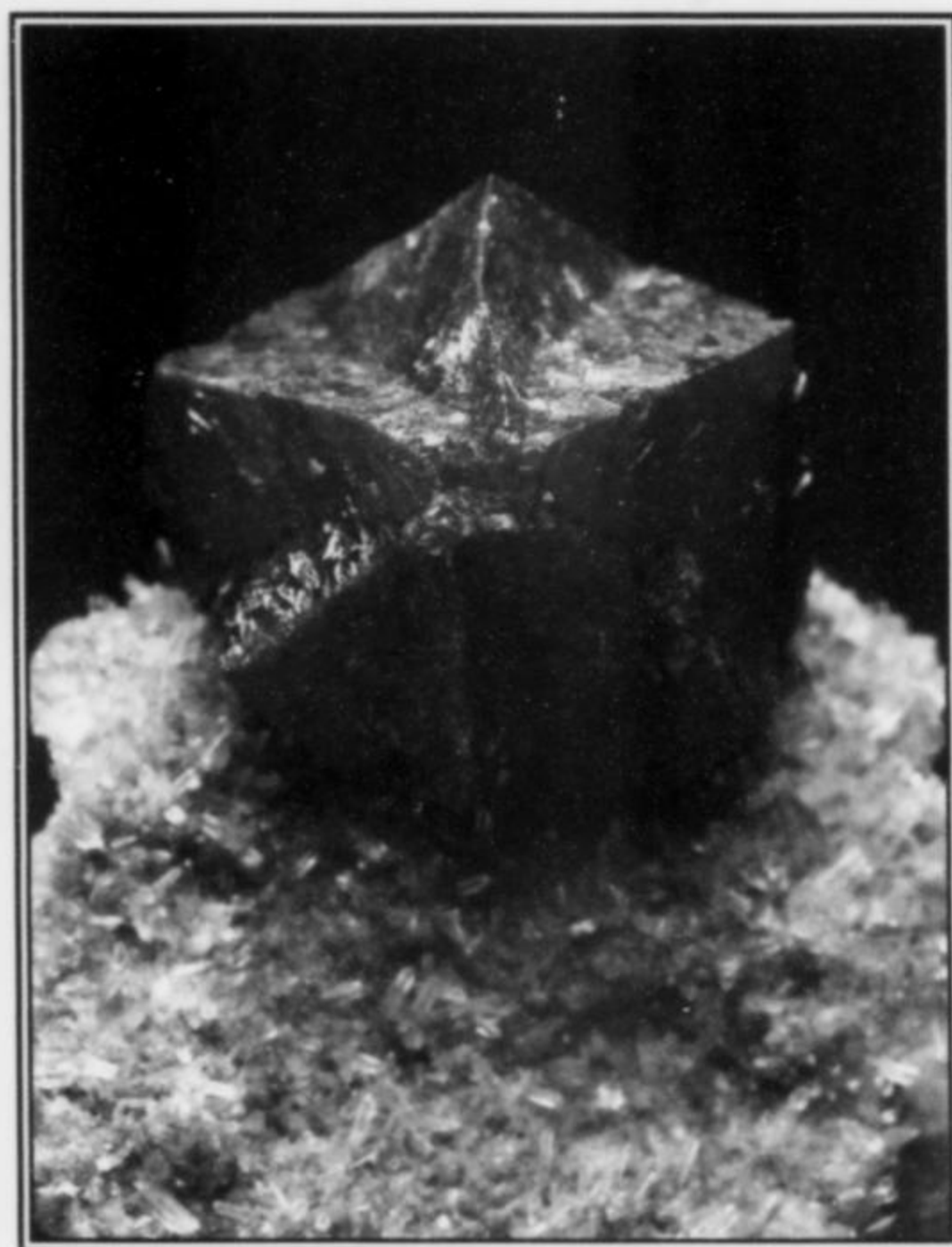
Pyromorphite on quartz, 7.6 cm, Roughton Gill, Cumbria, England. Jeff Scovil photo.



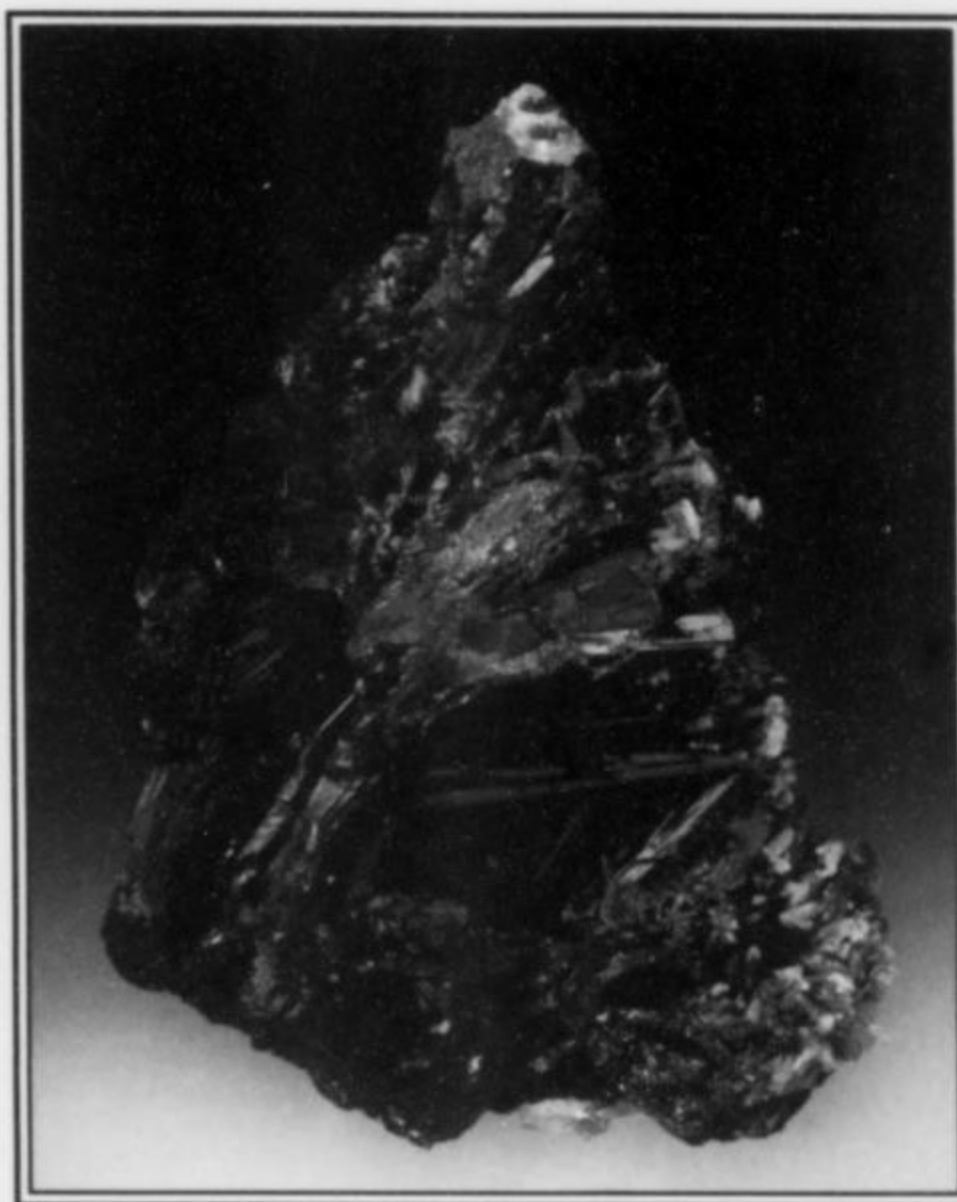
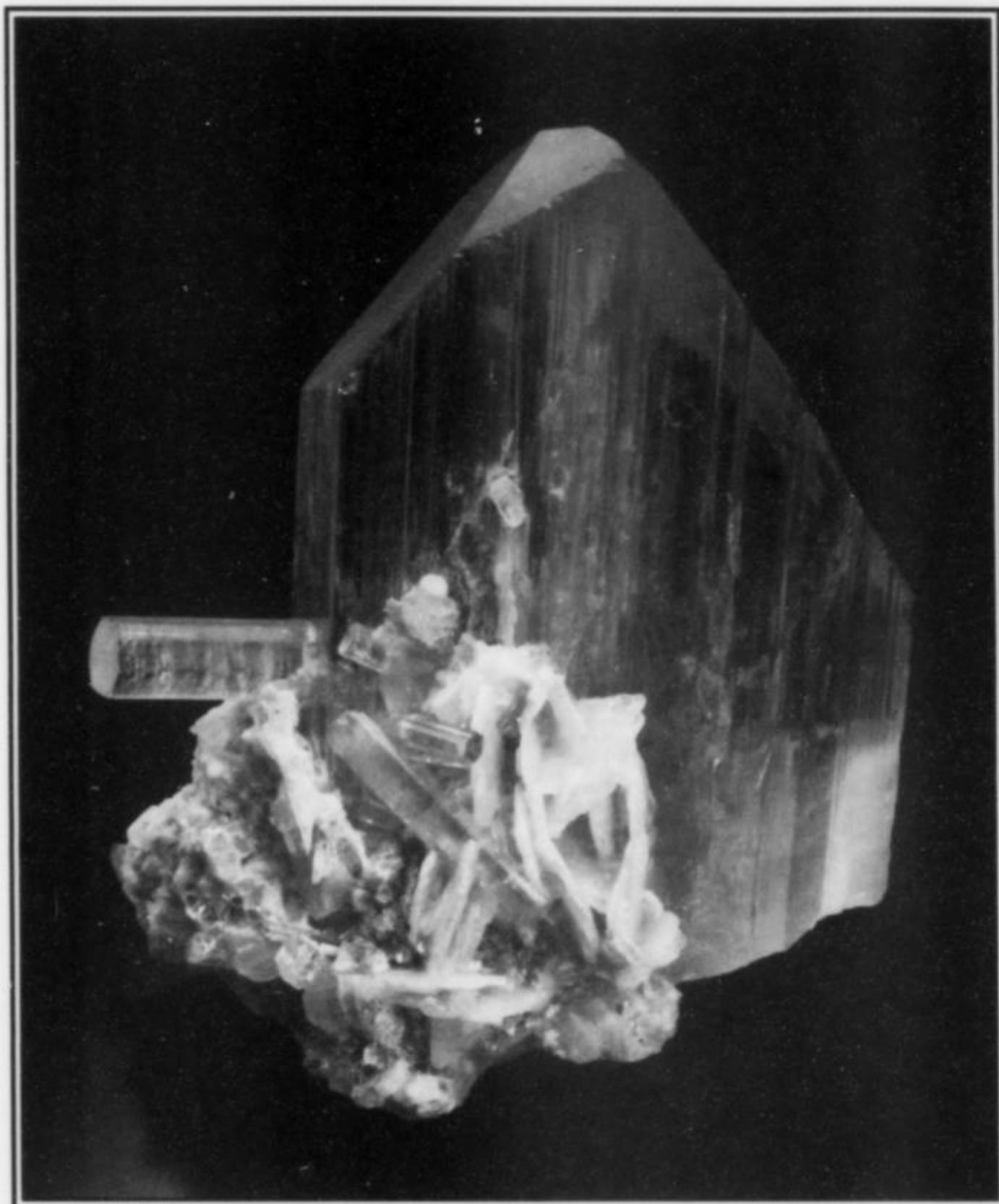
Barite with dolomite, 11.4 cm, Frizington, Cumbria, England. Jeff Scovil photo.



Topaz with smoky quartz on cleavelandite albite, 17 cm, Wah Tu Wah mine, Gaoligongshan, Wenshan, Yunnan, China. Jeff Scovil photo.



Cinnabar, 1.5-cm twin, Tongren, Guizhou Province, China. Jeff Scovil photo.

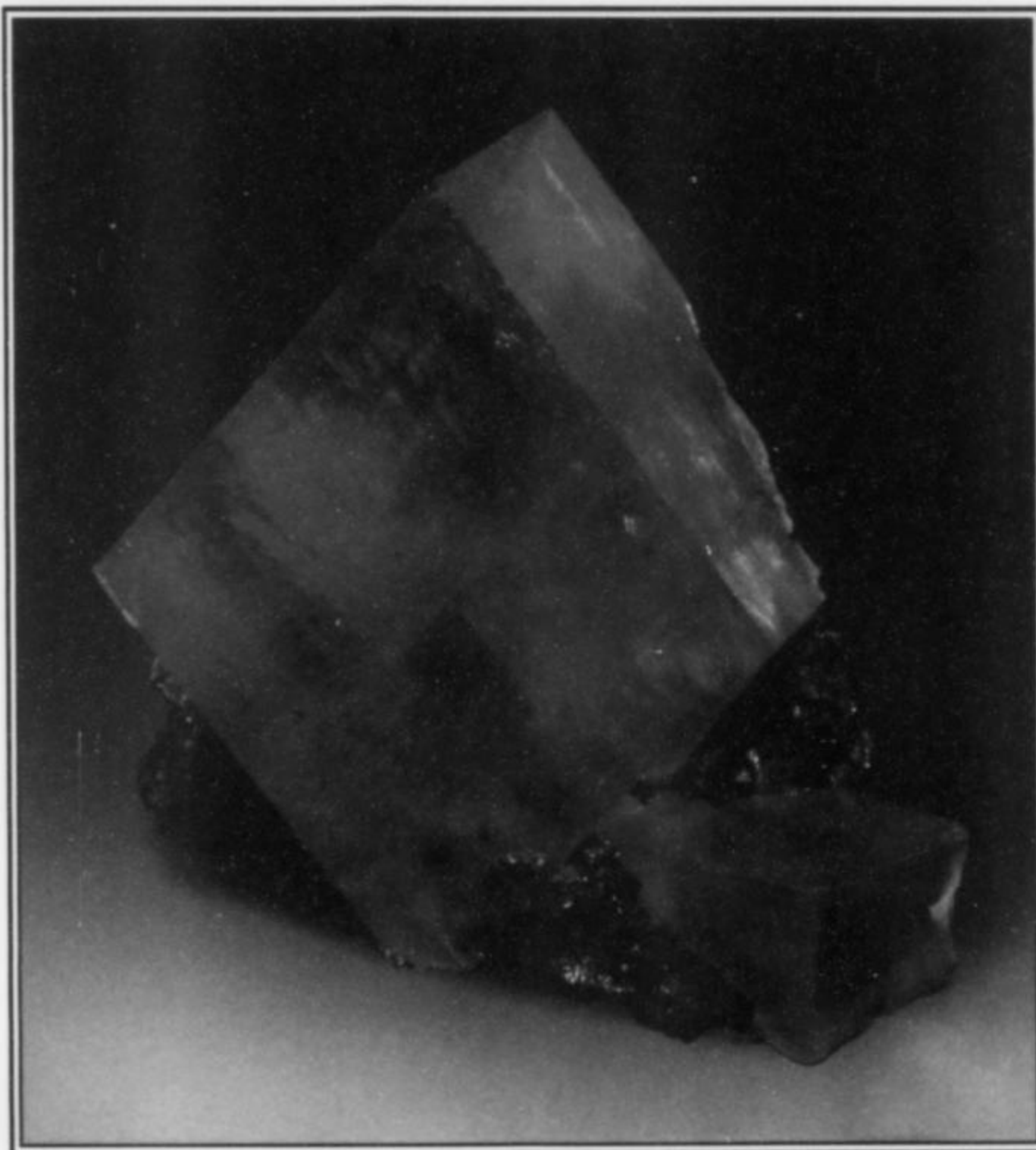
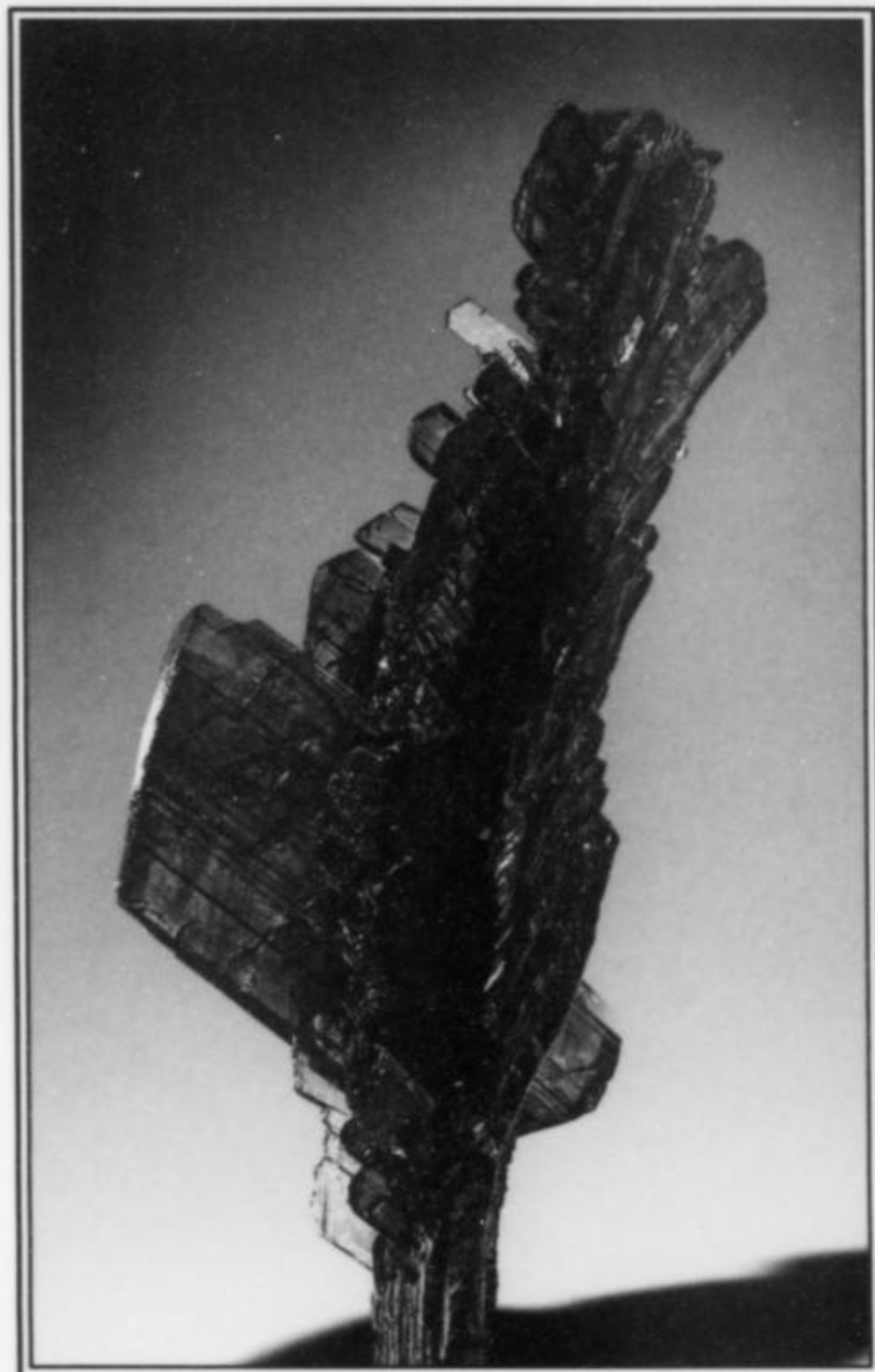


(above) Linarite, brochantite and anglesite, 5.2 cm, Tiger, Pinal County, Arizona. Jeff Scovil photo.

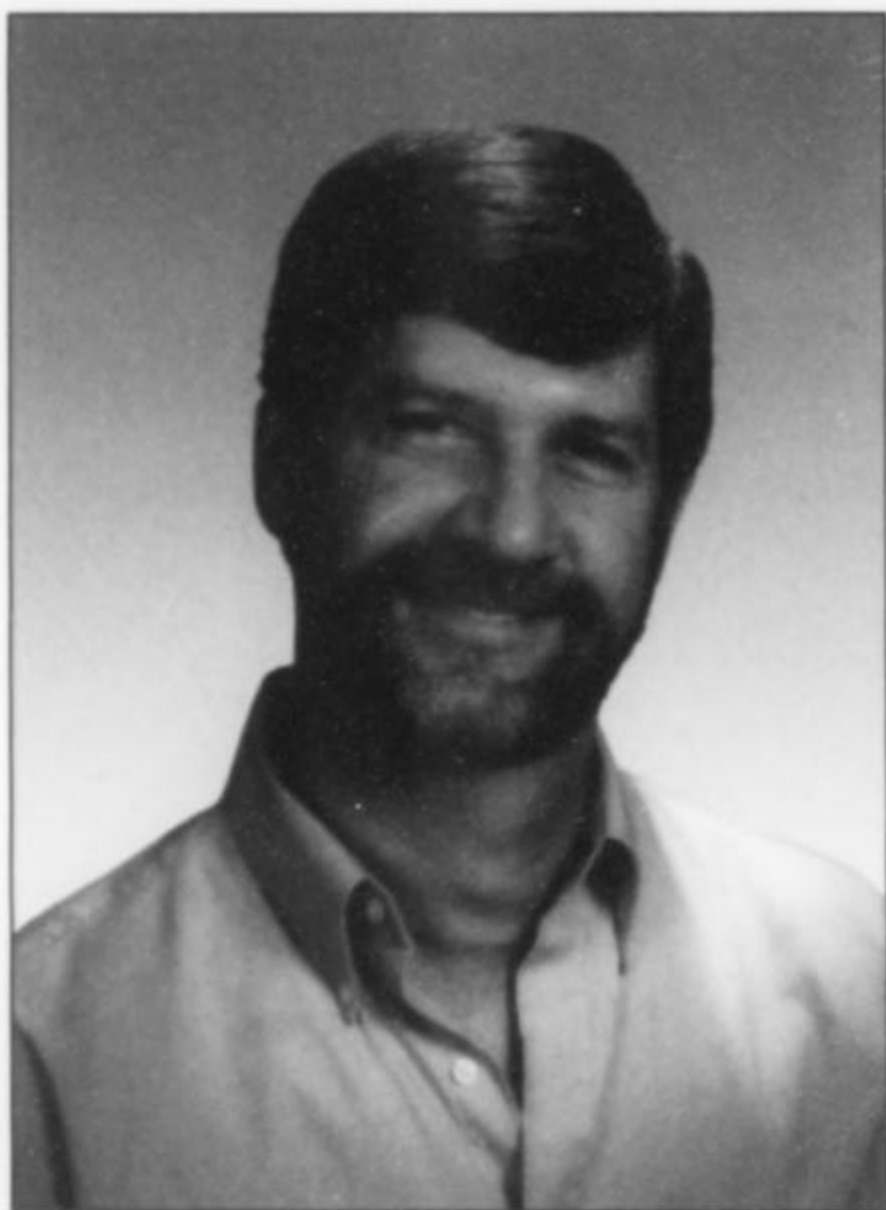
(left) Kunzite spodumene and elbaite, 10.3 cm, Laghman, Afghanistan. Jeff Scovil photo.

(below left) Epidote, 14.5 cm, Hashupa, Shigar Valley, Northern Areas, Pakistan. Stuart Wilensky photo.

(below) Rhodochrosite on tetrahedrite. 3.4-cm crystal, Sweet Home mine (Good Luck pocket), Alma, Park County, Colorado. Jeff Scovil photo.



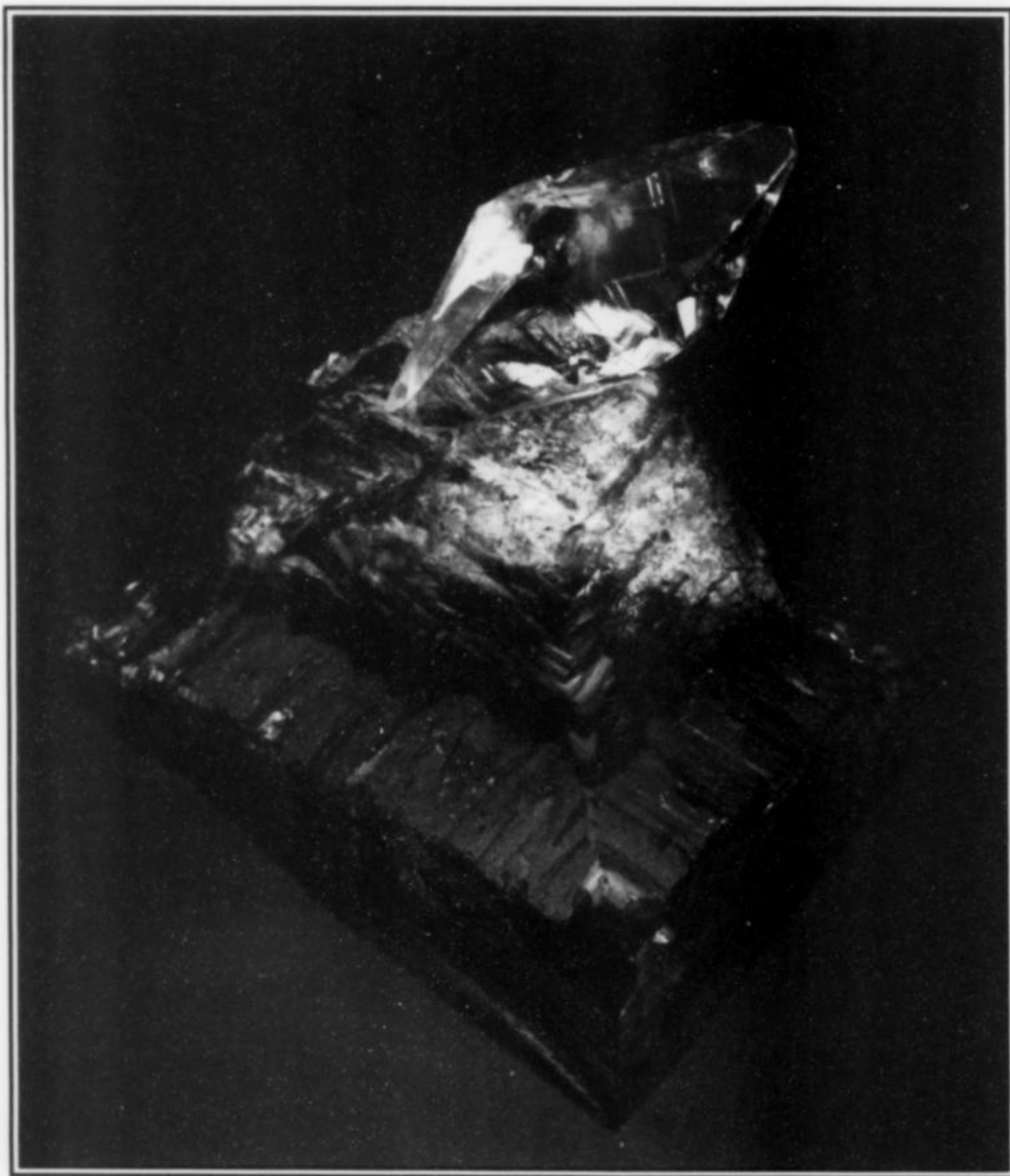
Jeff Starr



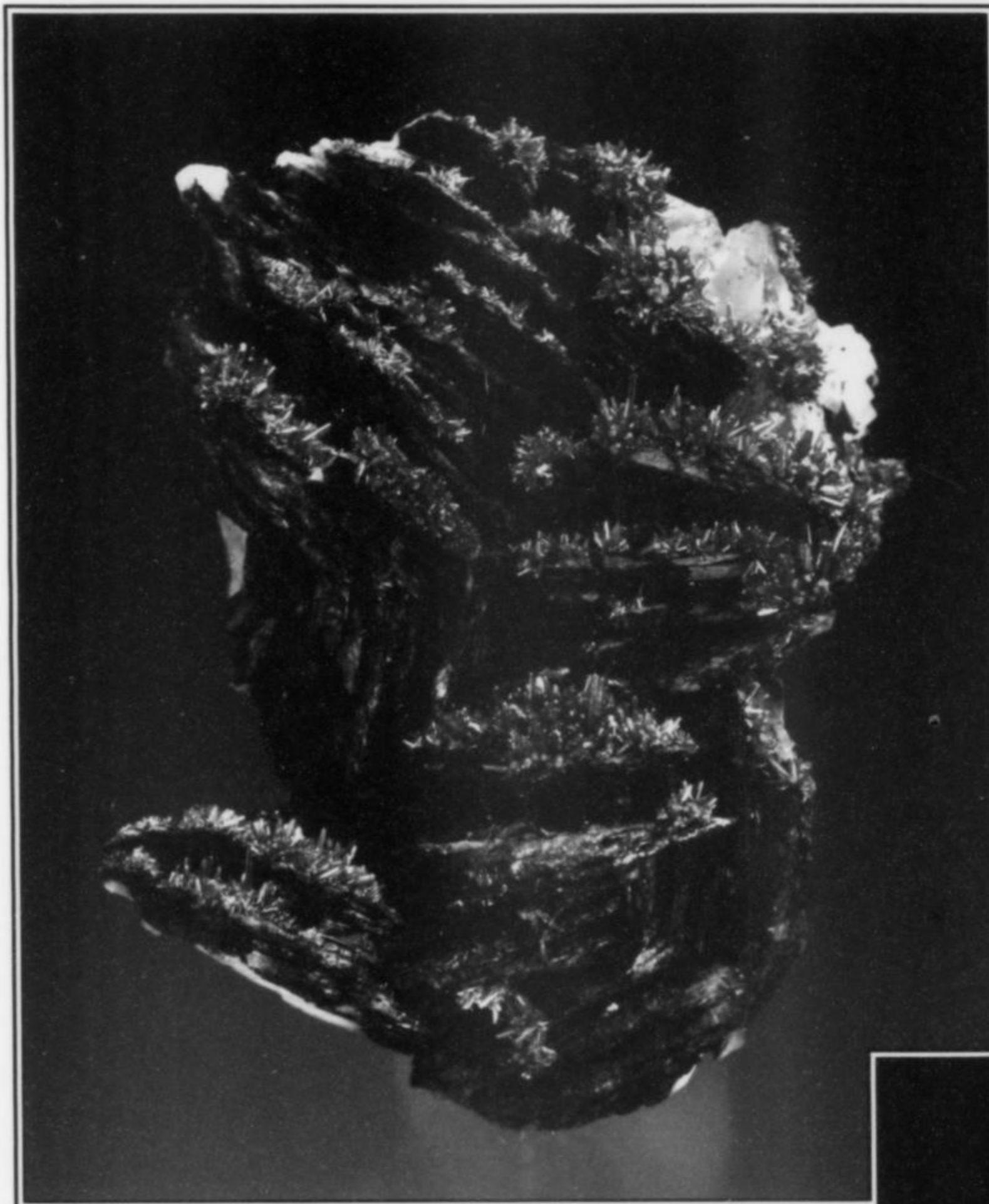
I am a native New Yorker with degrees from MIT and Northwestern. I currently teach sixth-grade science. I've been collecting minerals seriously for about 20 years, though most would agree I've had rocks in my head for much longer.

I love fluorite and find myself forever gravitating toward seductive specimens, but I have made a conscious effort in recent years to expand and refine my collection with an eye toward aesthetics. Size is not a consideration for me, but beauty and significance are.

I'm thankful for the many valued friends I've made in the mineral community around the globe, especially here in Dallas. All have given me wonderful guidance and too much encouragement. The MAD group is terrific—they are my comrades in rocks.



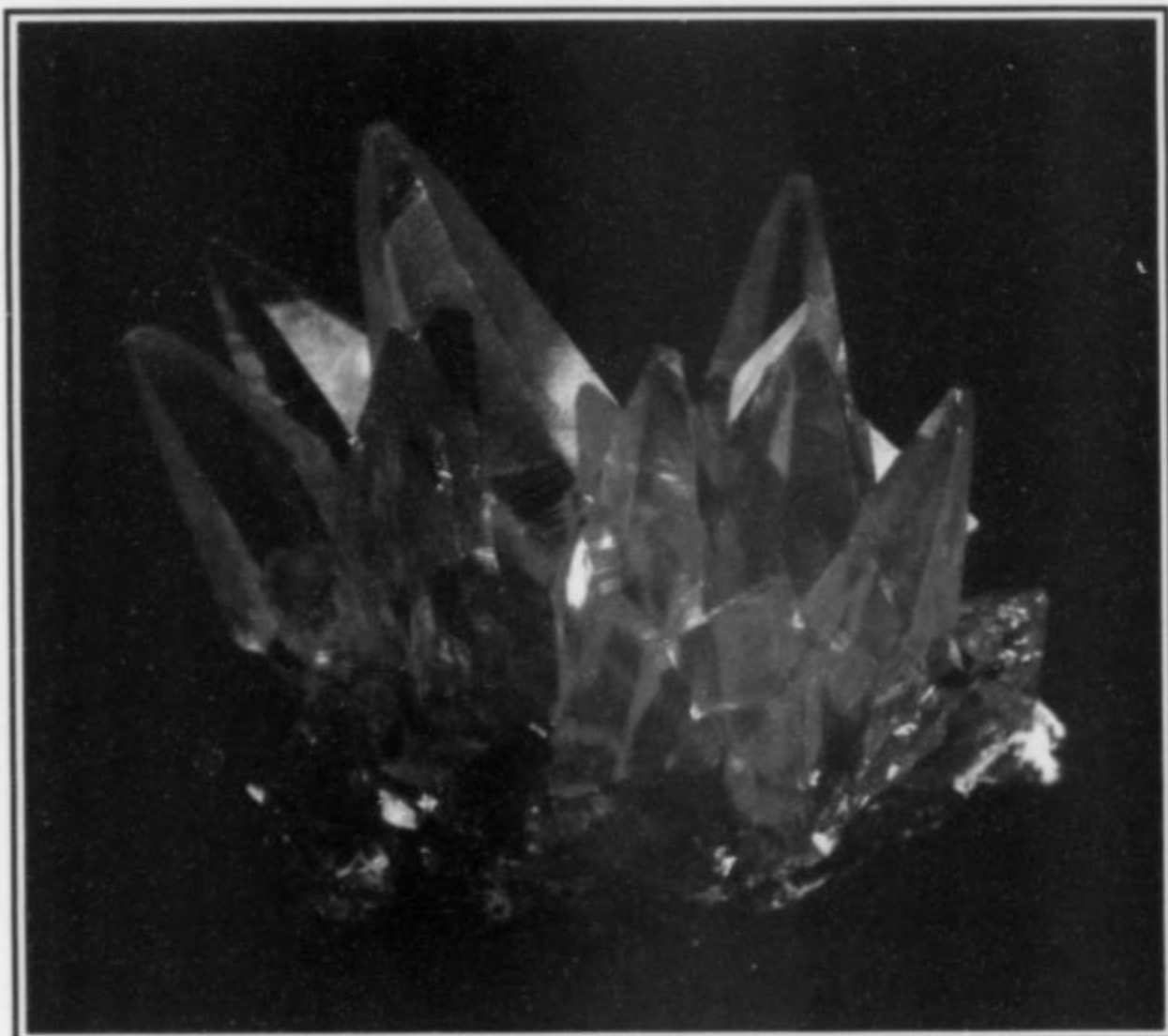
Calcite on fluorite,
6.9 cm, Elmwood mine,
Carthage, Smith County,
Tennessee. Ex Steve Sinotte
collection. Jeff Scovil photo.



Acanthite and quartz, 3.6 cm,
Uchucchacua mine, Lima Department,
Peru. Jeff Scovil photo.

Pyromorphite on barite with fluorite,
6 cm, Chaillac deposit, Limoges, Indre,
France. Ex John Schneider collection.
Jeff Scovil photo.

Fluorite on sphalerite, 11.9 cm,
Elmwood mine, Carthage, Smith
County, Tennessee. Jeff Scovil photo.

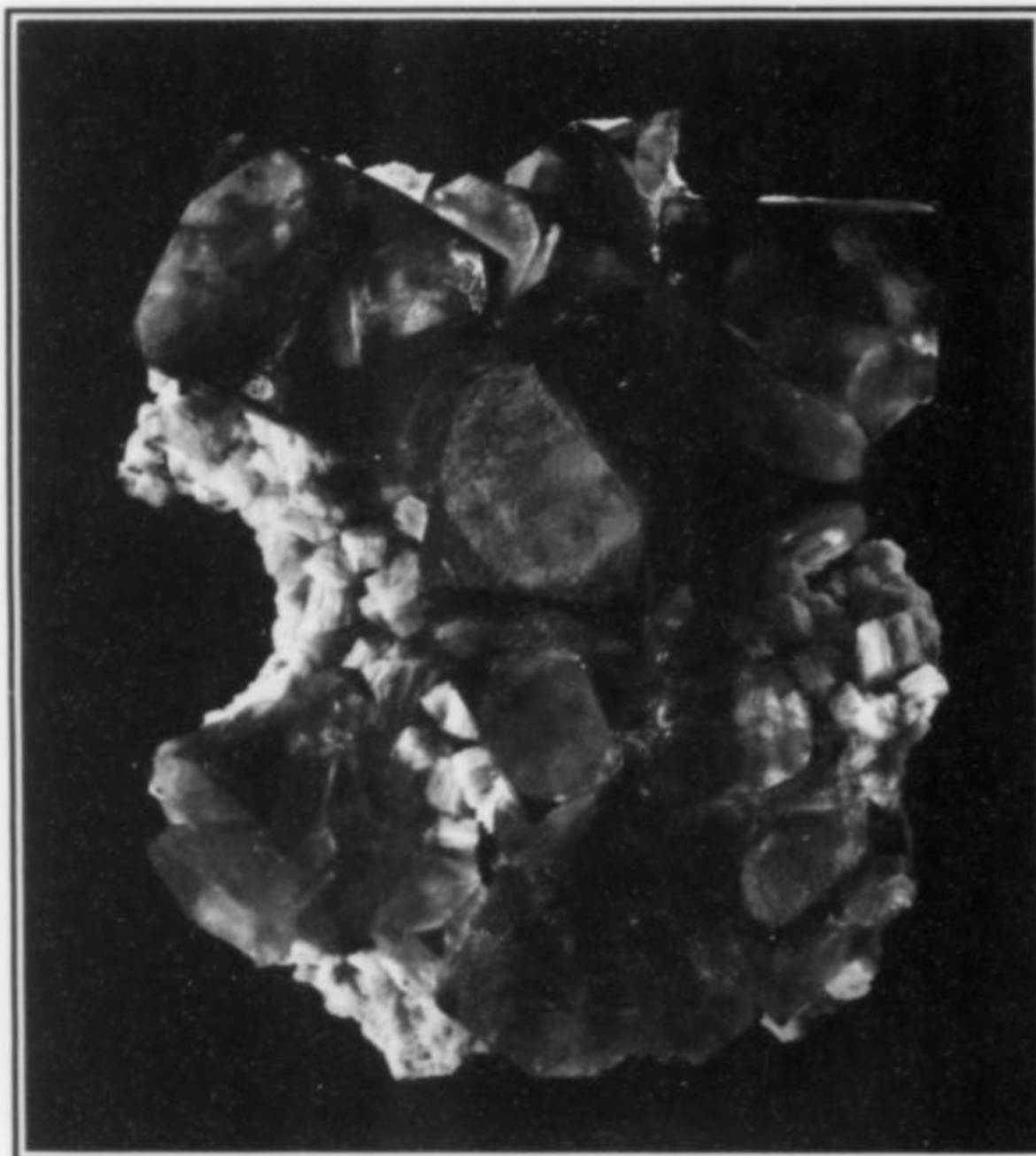


Rhodochrosite, 2.5 cm, Hotazel mine, Kalahari
Manganese Field, Northern Cape Province,
South Africa. Jeff Scovil photo.

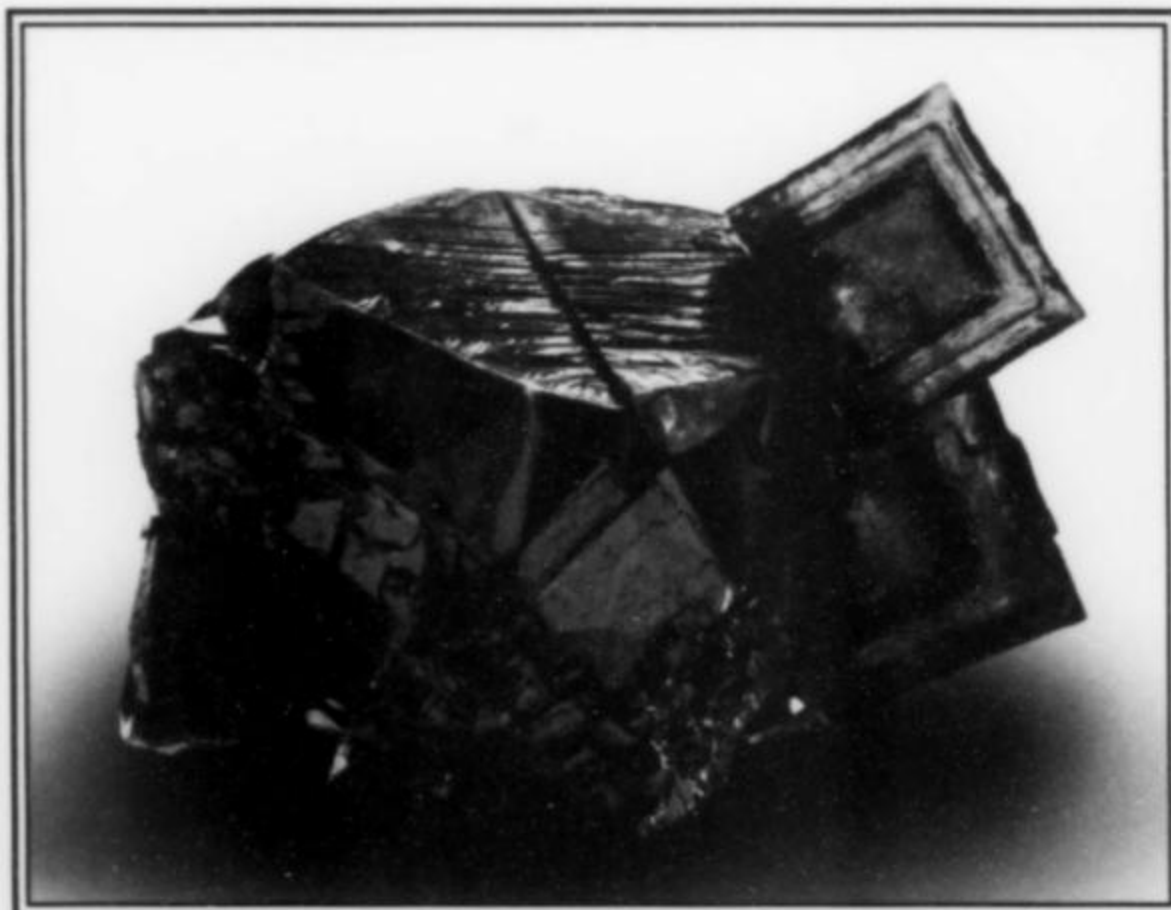




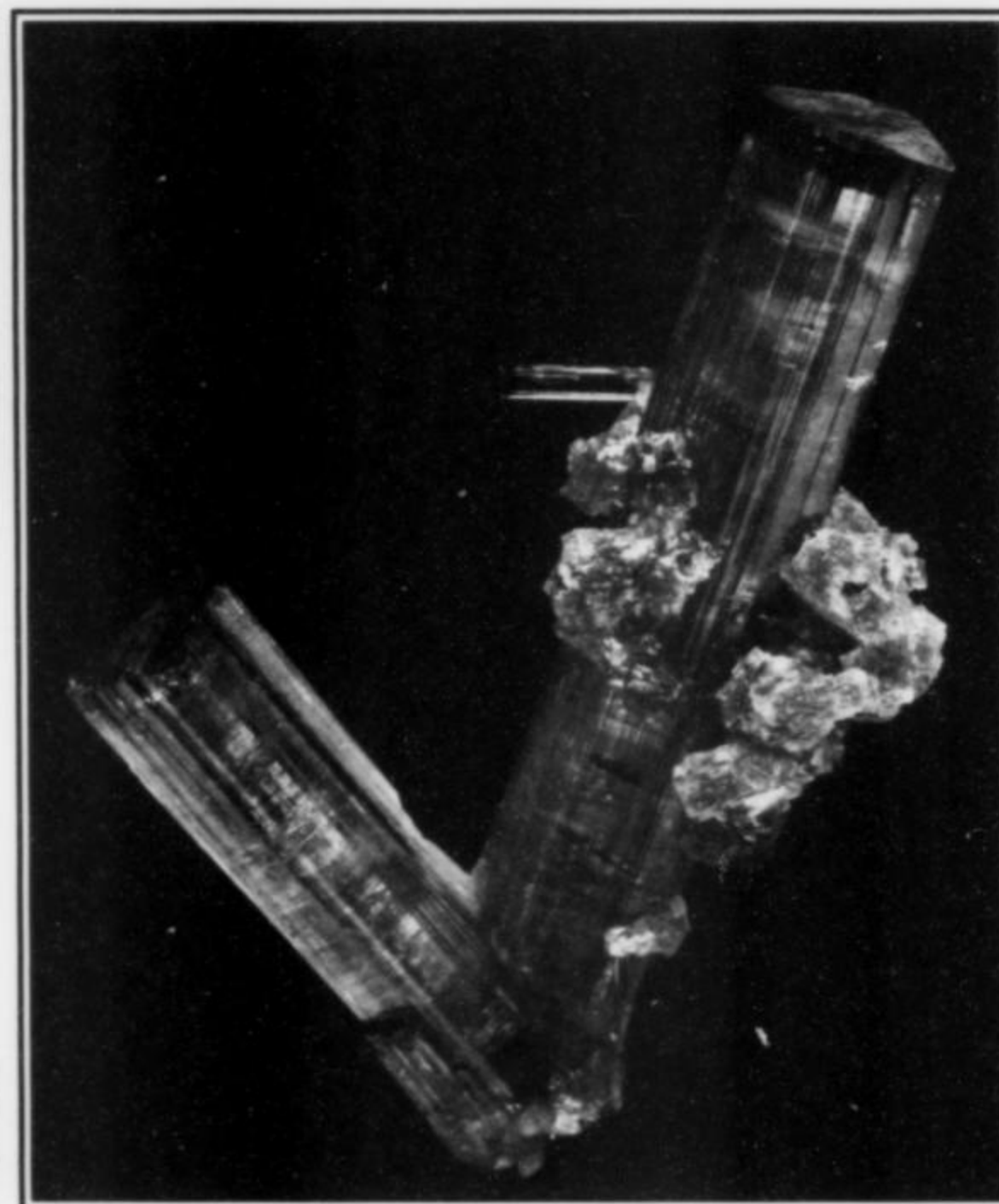
Fluorite, 4.4 cm, Face Nord des Droites, Argentière Glacier, Chamonix, Haute Savoie, France. Ex Helen Holmes collection. Jeff Scovil photo.



Fluorite on orthoclase, 4.5 cm, Erongo Mountains, Namibia. Joe Budd photo.

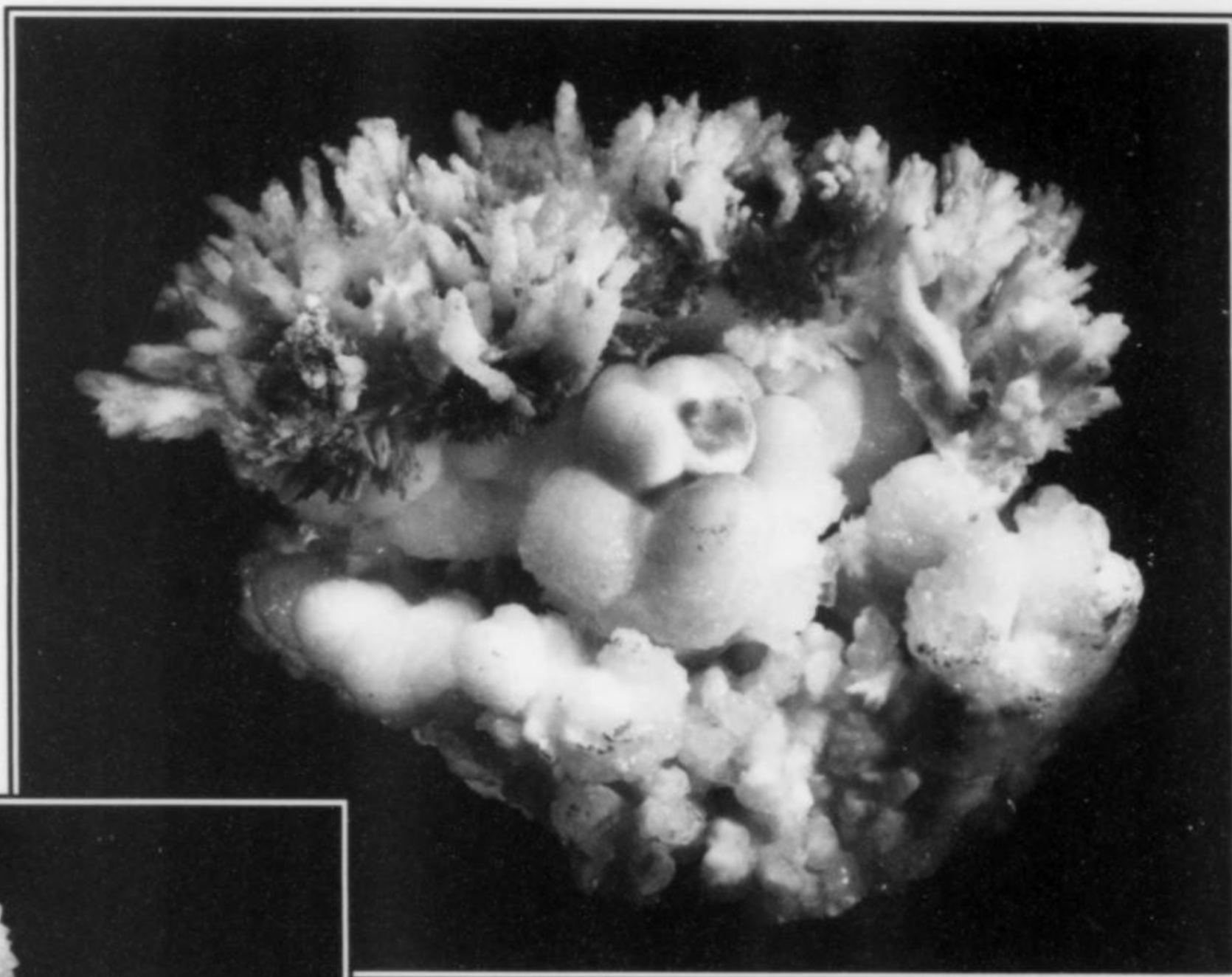


Fluorite on sphalerite, 3.3 cm, Elmwood mine, Carthage, Smith County, Tennessee. Ex Mark Kielbaso collection. Joe Budd photo.

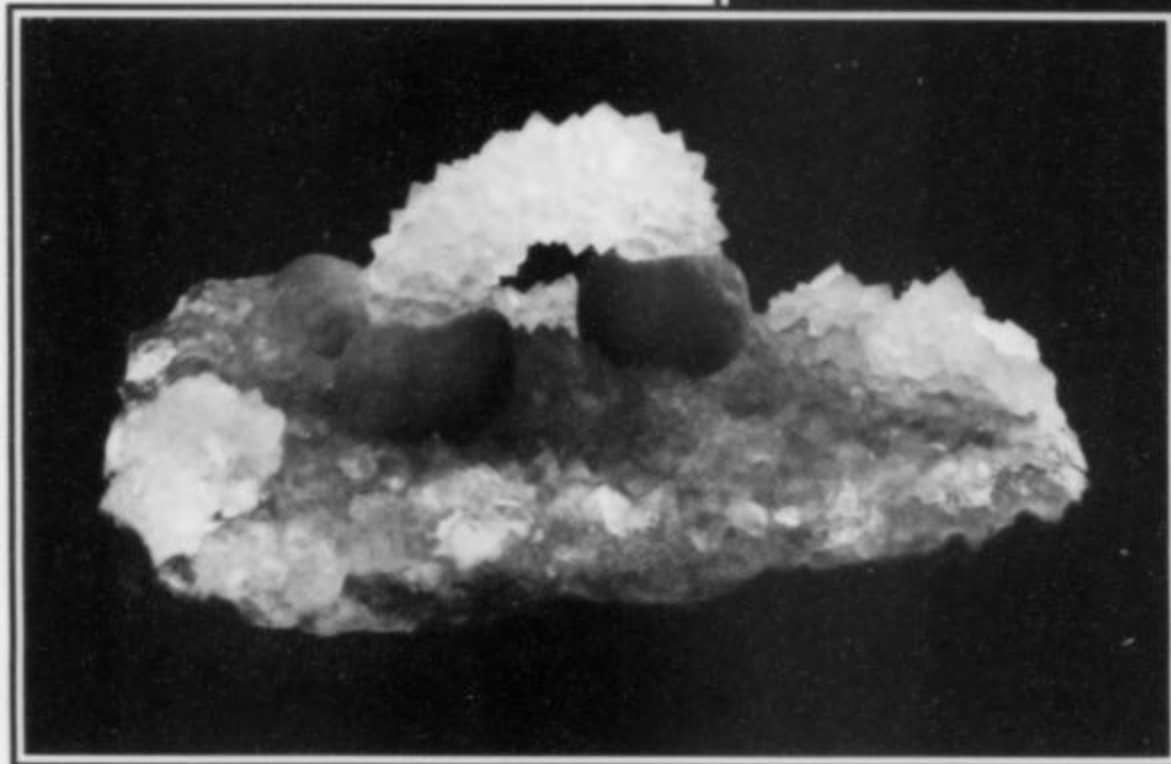


Tourmaline with lepidolite, 5 cm, Pederneira mine, São José da Safira, Minas Gerais, Brazil. Jeff Scovil photo.

Aragonite with malachite,
15 cm, Zacatecas, Mexico.
Jeff Scovil photo.



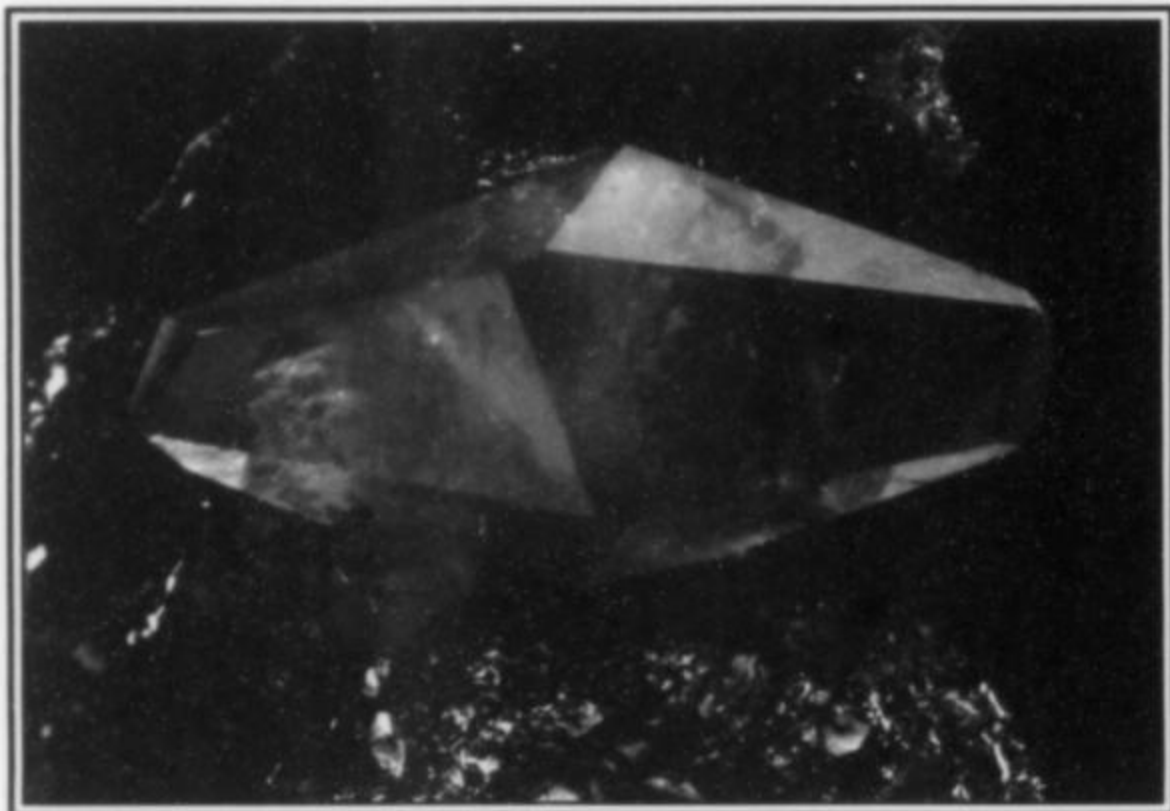
Quartz on red fluorite,
4.6 cm, Mahodari, Nasik
district, Maharashtra,
India. Joe Budd photo.



Smithsonite on azurite,
4.1 cm, Touissit mine, Oujda,
Morocco. Joe Budd photo.



Malachite on shattuckite,
5.7 cm, Kaokoveld, Namibia.
Jeff Scovil photo.

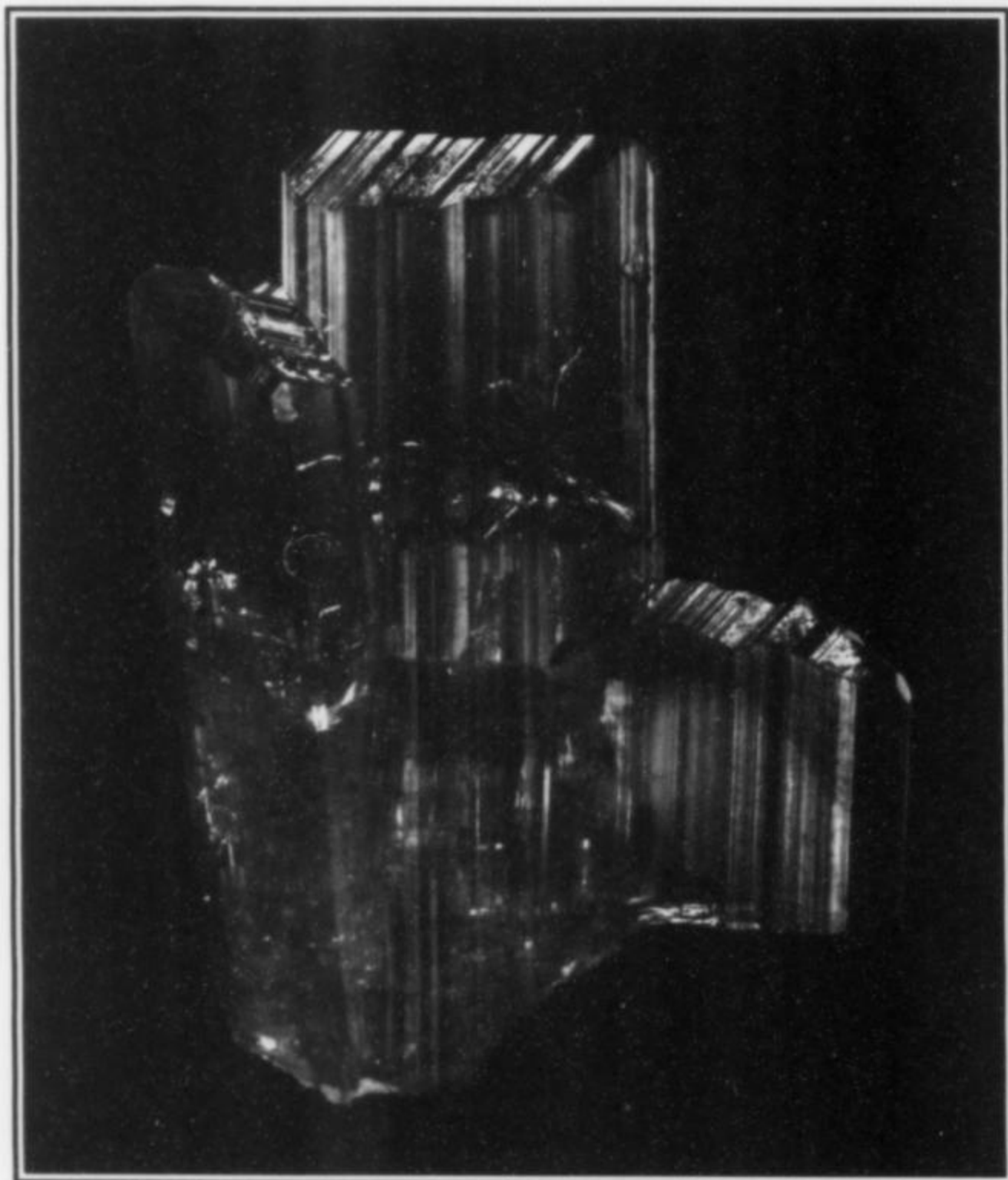


Rhodochrosite, 2.1-cm crystal,
Uchucchacua mine, Lima
Department, Peru. Jeff Scovil photo.



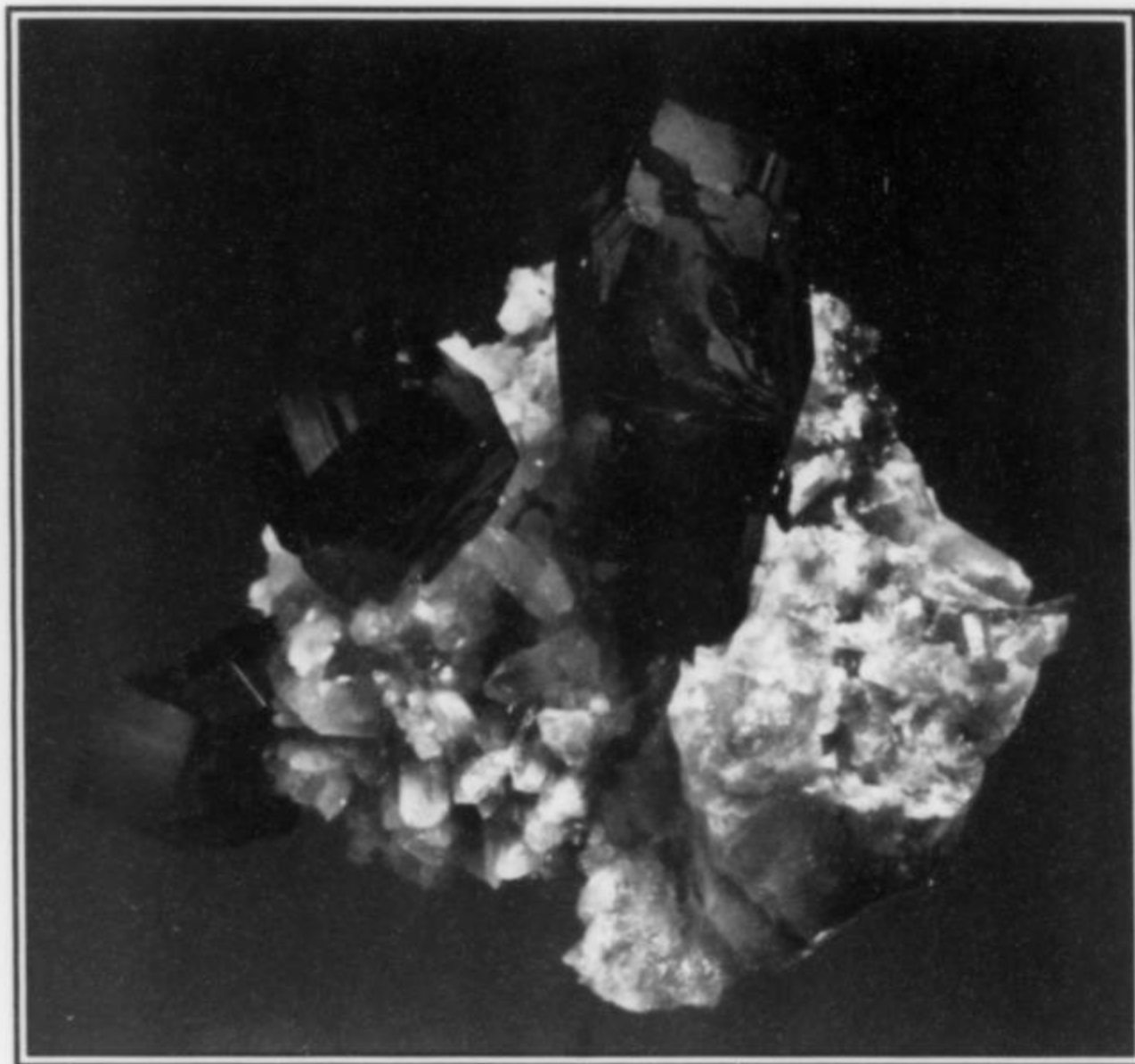
Fluorite on quartz, 10.3 cm,
Yaogangxian mine, Hunan Province,
China. Ex Gene Meieran collection.
Jeff Scovil photo.

Tanzanite (zoisite), 2.9 cm,
Merelani Hills, Arusha,
Tanzania. Joe Budd photo.

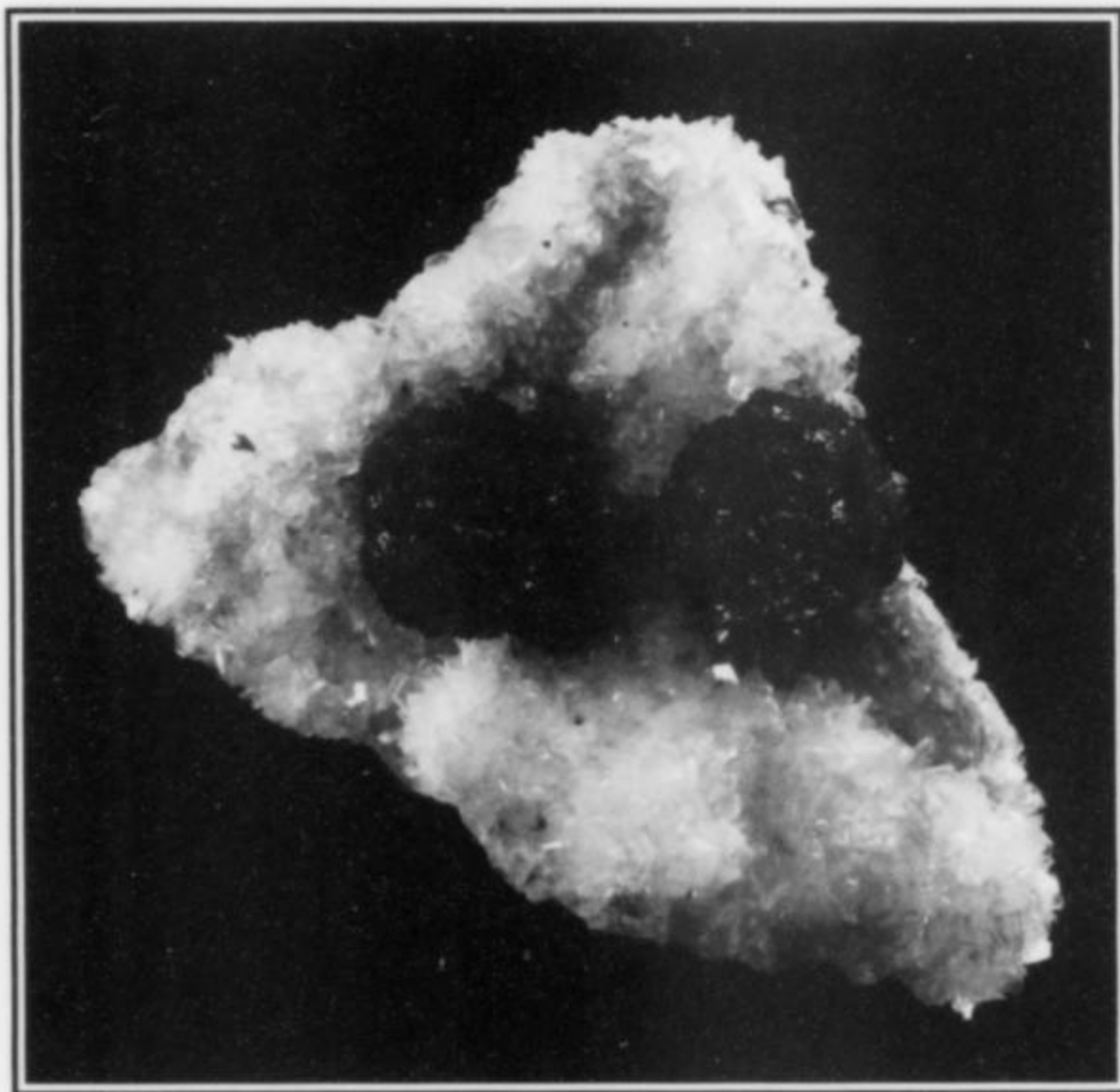


Calcite with stibnite, 5.9 cm, Xionghuang Kuang
mine, Wuyu district, Guangxi Zhuang Autonomous
Region, China. Joe Budd photo.

Fluorite on barite, 2.4 cm, Judith Lynn mine, Grant County, New Mexico; pictured on the cover of the *Mineralogical Record*, New Mexico Issue, January–February 1989. Wendell Wilson photo.

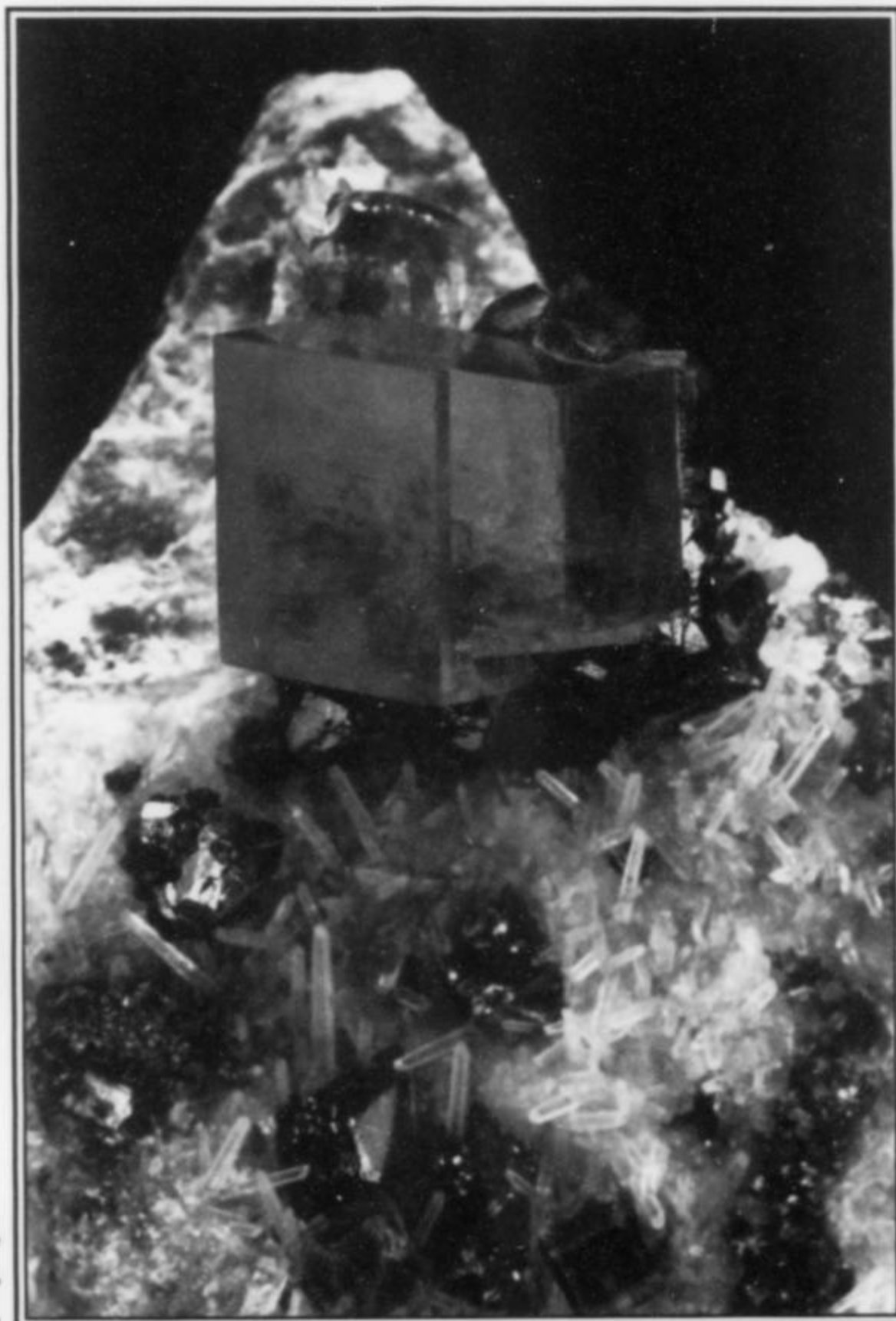


Diopside, 4 cm, Tsumeb mine, Tsumeb, Namibia. Ex Steve Sinotte collection. Jeff Scovil photo.



Cavansite on stilbite, 6 cm, Wagholi quarry complex, Pune district, Maharashtra, India. Ex Steve Smale collection. Joe Budd photo.

Rhodochrosite with fluorite and tetrahedrite, 1.8-cm crystal, Sweet Home mine, Alma, Park County, Colorado. Jeff Scovil photo.



Stuart Strife



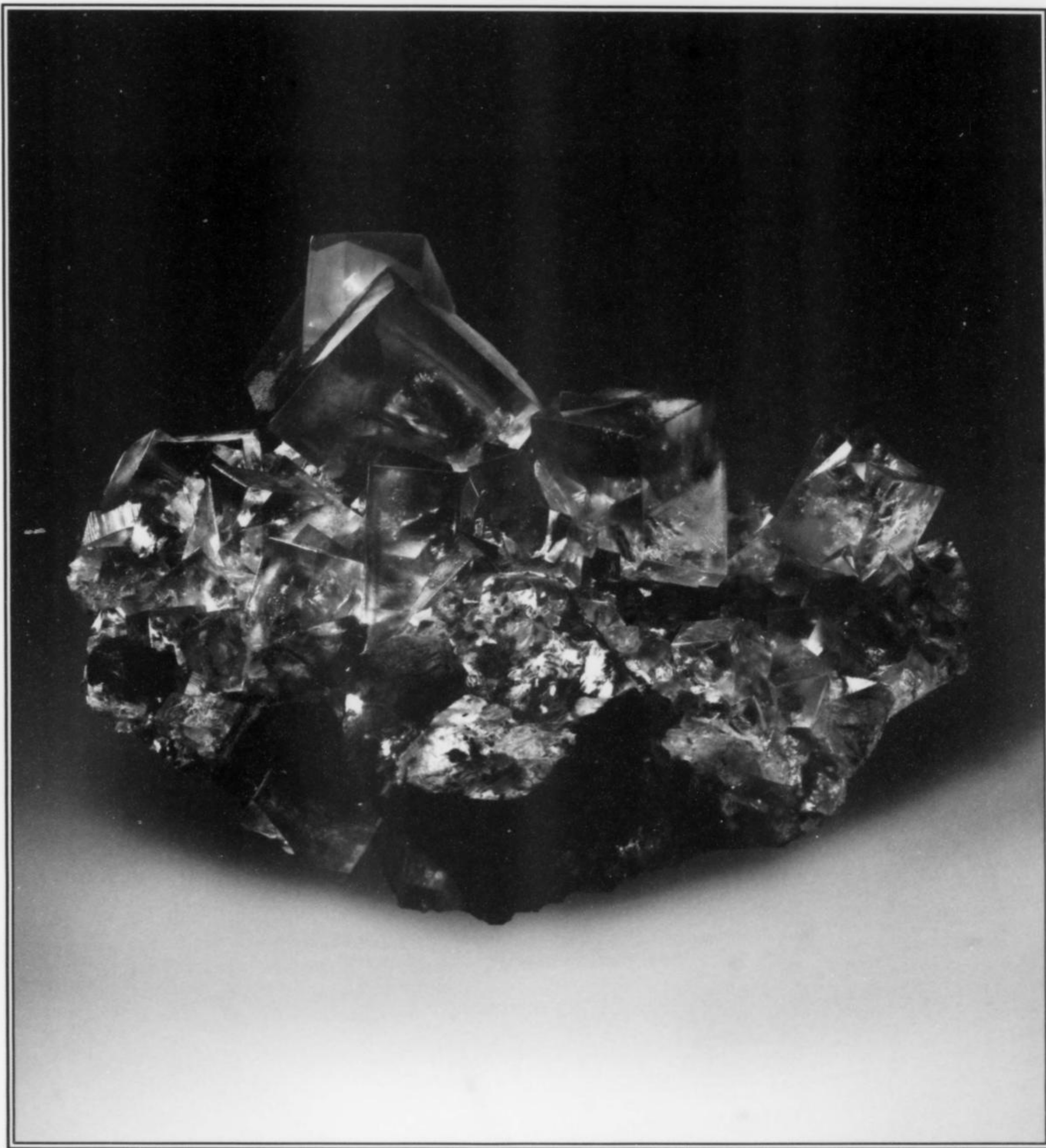
I was born in Ilion, New York, a small town most famous for being the home of the Remington Arms Company. However, it is also home to some classic geology. The world's best fossil eurypterids are quarried a few miles from the house I grew up in. And ten miles to the northeast are the world-famous "Herkimer diamond" quartz mines. Growing up here sealed my fate early as a collector of all types of rocks.

In 1975 and 1977, respectively, I received BS and MS degrees in Geology from Rensselaer Polytechnic Institute in Troy, New York. While in school I married my high school sweetheart, and now wife of almost 35 years, Barbara. I went to work in the oil industry and am currently a Vice President of Exploration and an Officer of Anadarko Petroleum Corporation. I have two children, Sara and Jonathon, and two beautiful grandchildren, Eleanor and Josephine.

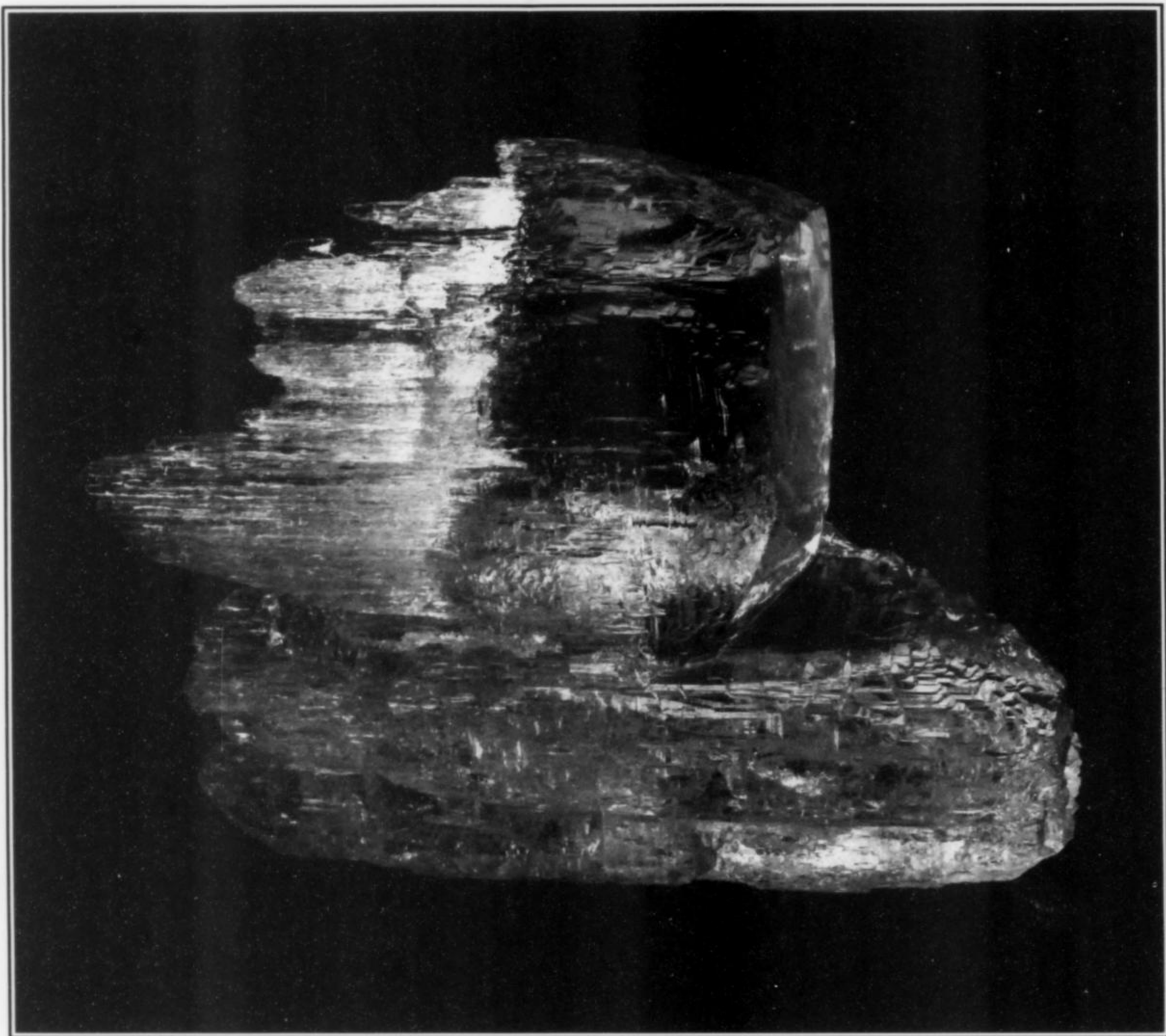
My collection is focused on the common minerals and is purely based on aesthetics. I am truly fortunate to have a career and hobby that are linked, and to have a family that has always supported my quest for rocks!



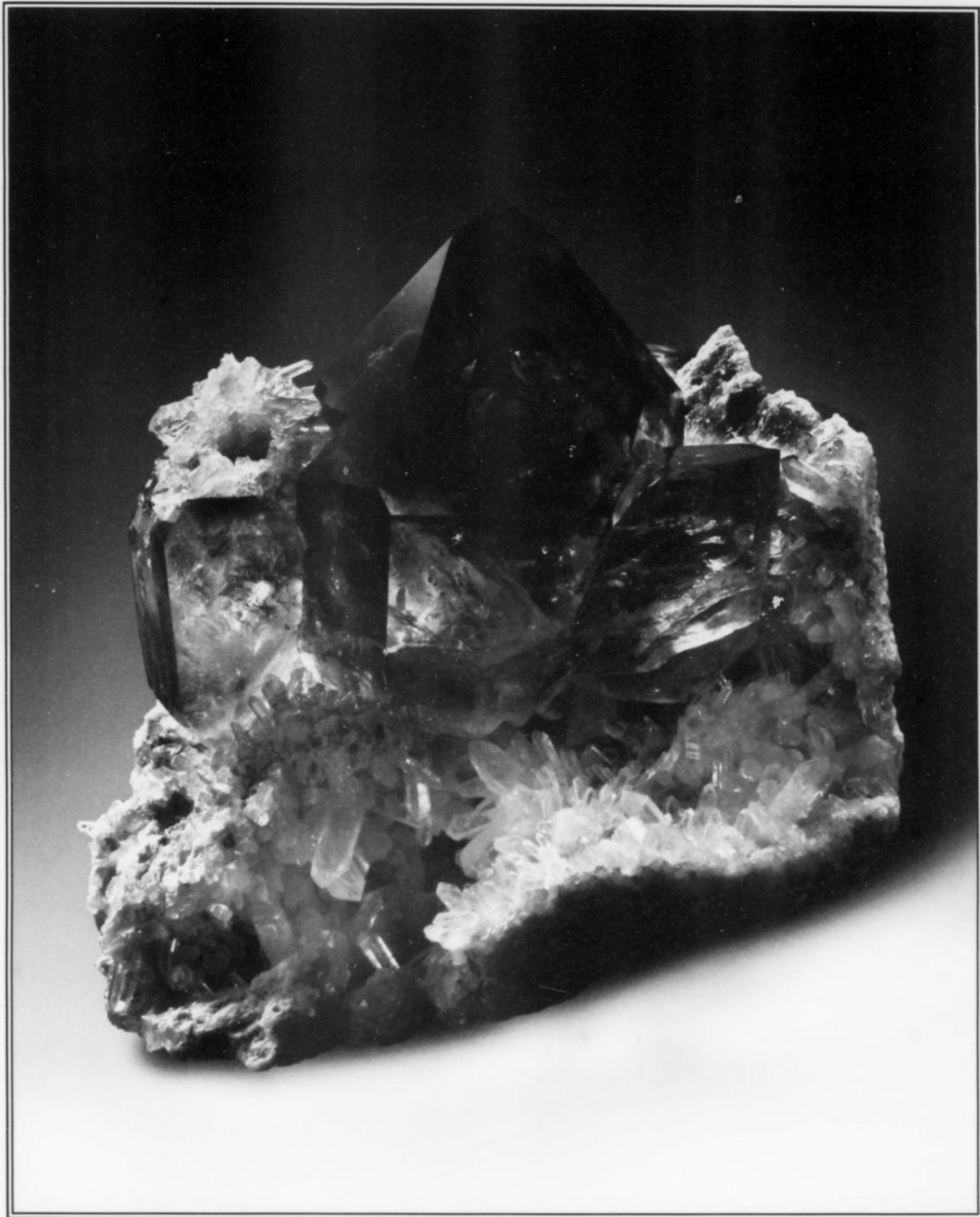
Quartz ("Herkimer diamond"), 15 cm, Herkimer Diamond mine, Middleville, New York. Field-collected by Ken Silvy in the 1980's. Joe Budd photo.



Fluorite with galena, 11 cm, Heights mine, Weardale, Durham, England. Field-collected by Richard W. Barstow (deceased) in July 1977 from the flats on the south vein. Ex Richard Barstow collection; ex Eric Asselborn collection. Joe Budd photo.



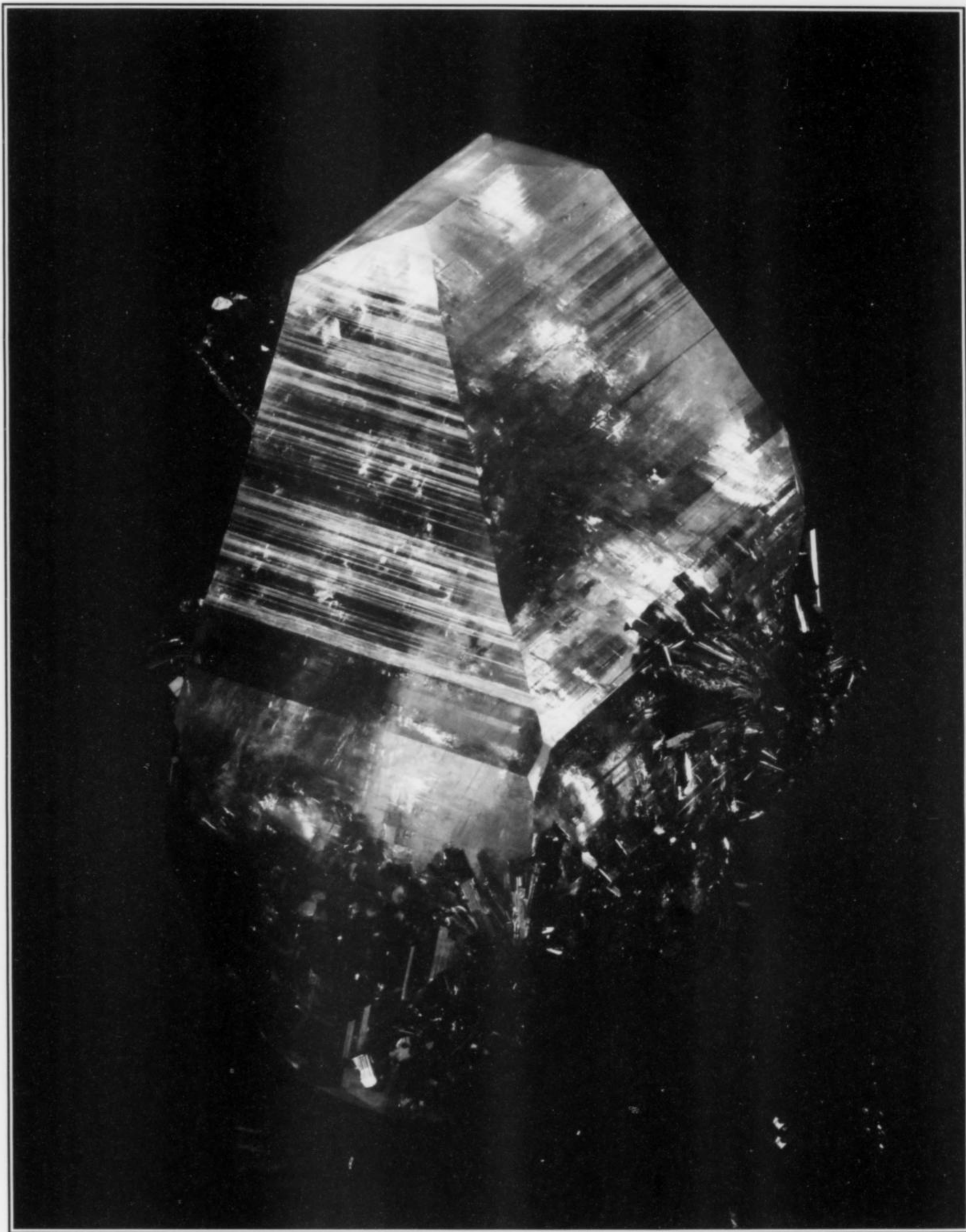
Aquamarine beryl, 11.8 cm, Medina mine, Minas Gerais, Brazil.
Ex Scott Wallace collection. Joe Budd photo.



**Amethystine quartz, 8.5 cm, Jackson's Crossroads, Wilkes County, Georgia.
Displayed in the American Mineral Treasures exhibit at the Tucson Show in 2008.
Joe Budd photo.**

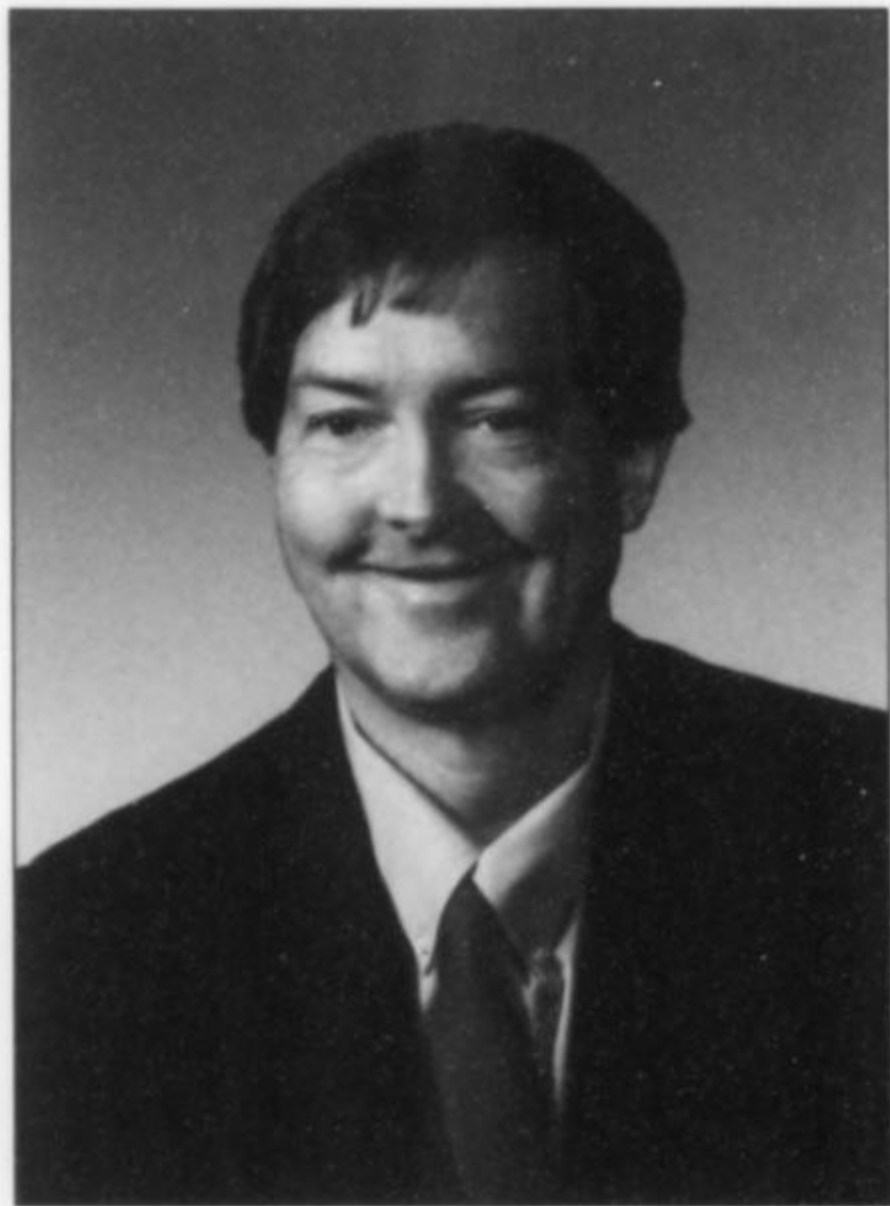


Calcite with barite and fluorite, 10 cm, Elmwood mine, Carthage, Smith County, Tennessee. Field collected by Mike Kielbaso in 1998. Displayed in the American Mineral Treasures exhibit at the Tucson Show in 2008. Joe Budd photo.



Calcite with stibnite, 7.5 cm, Lantian (Lan Tan) mine, Guangxi Zhuang Autonomous Region, China. Ex Gene Meiren collection. Joe Budd photo.

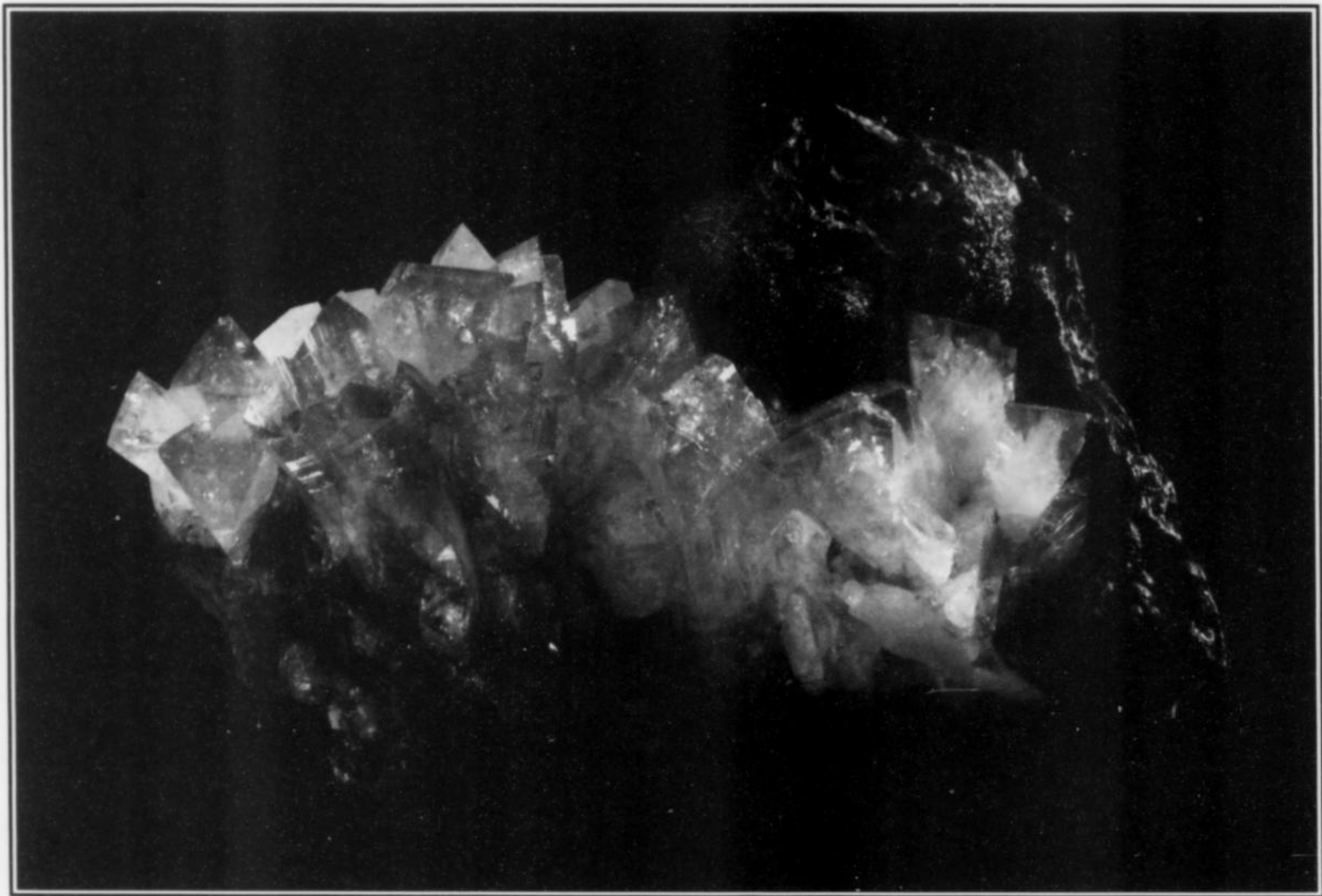
Rob Thacker



I am a Houston attorney with a lifelong interest in natural history. I began birding at an early age, and have birded throughout the world. I still have my childhood rock collection. I enjoy photographing the natural world. I collect butterflies and moths.

In fact, it was at the 2005 Lepidopterist's Society convention in Sierra Vista, Arizona that my interest in minerals was rekindled. A visit to Bisbee to take the Copper Queen mine tour and see the Bisbee Mining & Historical Museum led to the purchase of some specimens at a nearby mineral shop. Upon returning to Houston, I took another look at the mineral hall in the Museum of Natural Science, and bought a copy of Wilson and Bartsch's *Masterpieces of the Mineral World*—it became my bible.

I set a goal for myself (most realized during the past three years) to acquire a representative specimen of each mineral and locality in the *Masterpieces* book. My other goal focuses on minerals from the southwestern U.S. and Mexico. I've traveled extensively in the Southwest and Mexico studying birds and butterflies, and I love the area. Naturally my favorite species is wulfenite, and my collection contains several examples. I am a member of the HAMS group and also the Houston Gem & Mineral Society.

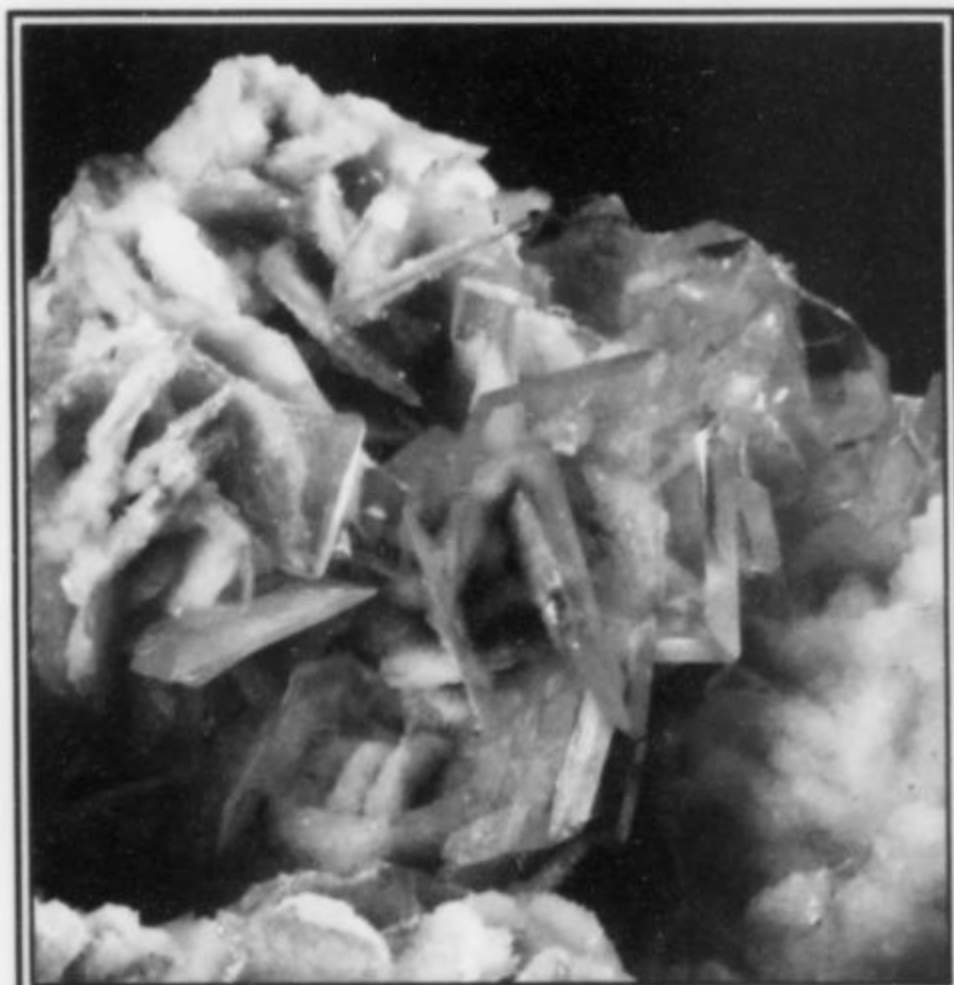


Adamite (manganese-rich), 5.5 cm, Ojuela mine, Mapimí, Durango, Mexico. Joe Budd photo.



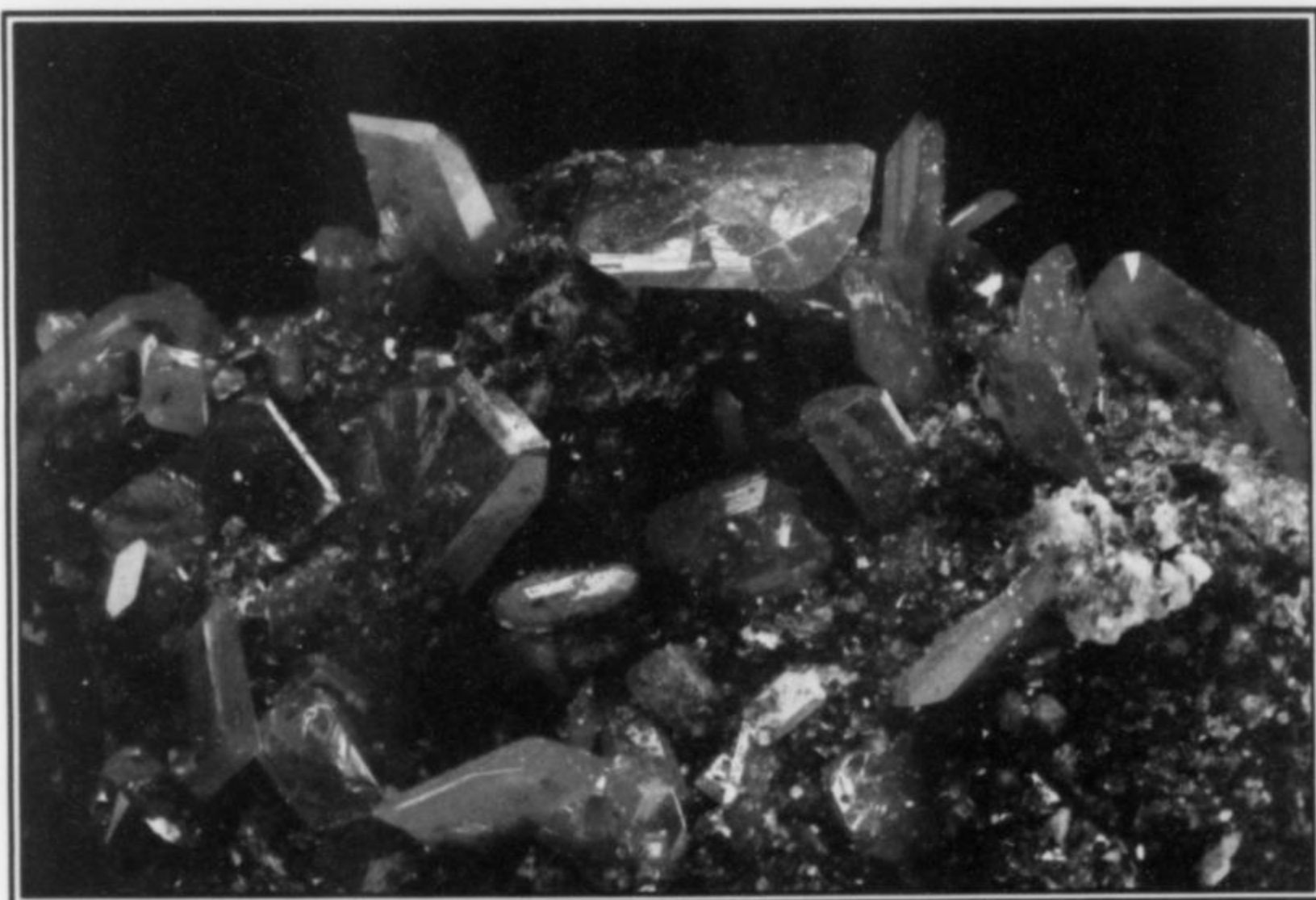
Wulfenite with mimetite, 9.5 cm, San Francisco mine, Sonora, Mexico. Ex Ed Swoboda collection. Joe Budd photo.

Wulfenite, 10 cm, Ahumada mine, Los Lamentos, Chihuahua, Mexico. Joe Budd photo.



Wulfenite, 10 cm, Ahumada mine, Los Lamentos, Chihuahua, Mexico. Ex Miguel Romero collection. Joe Budd photo.

Wulfenite, 11 cm, Red Gem pocket, Red Cloud mine, La Paz County, Arizona. Joe Budd photo.

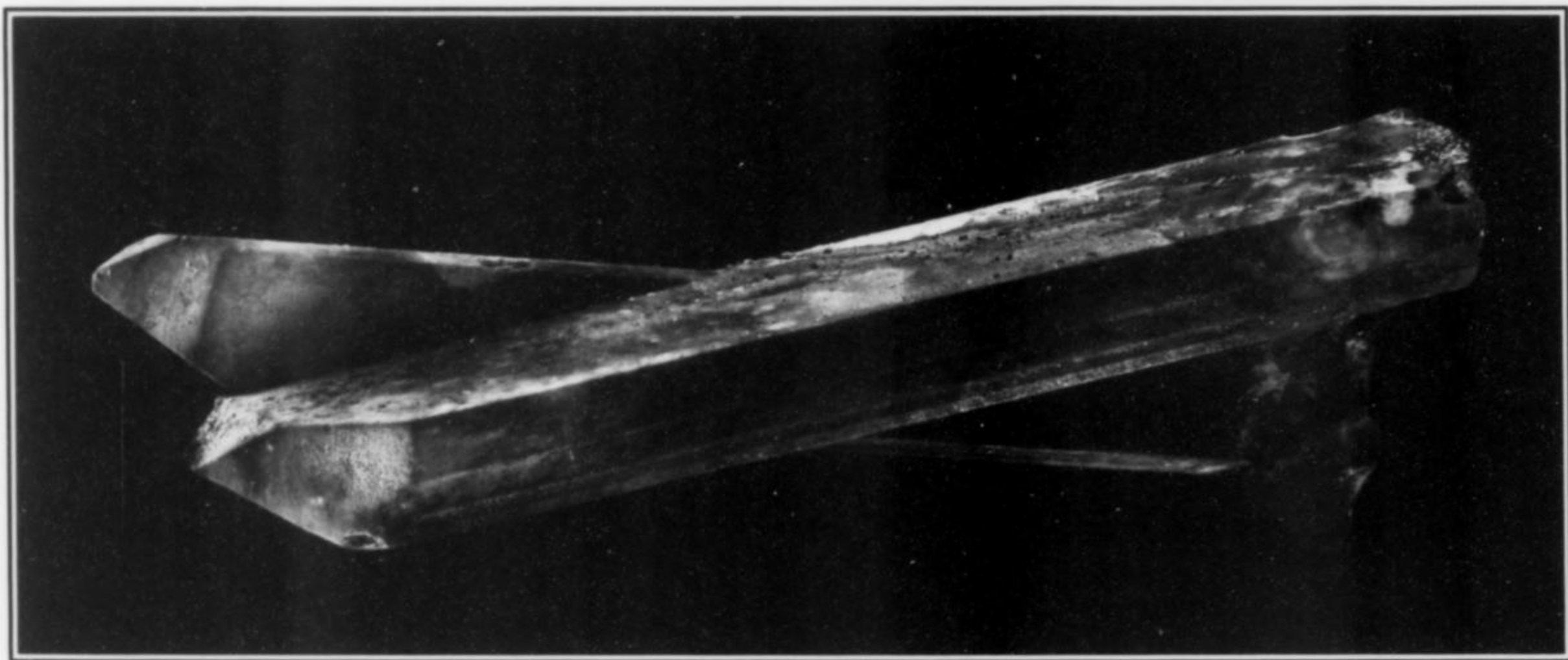




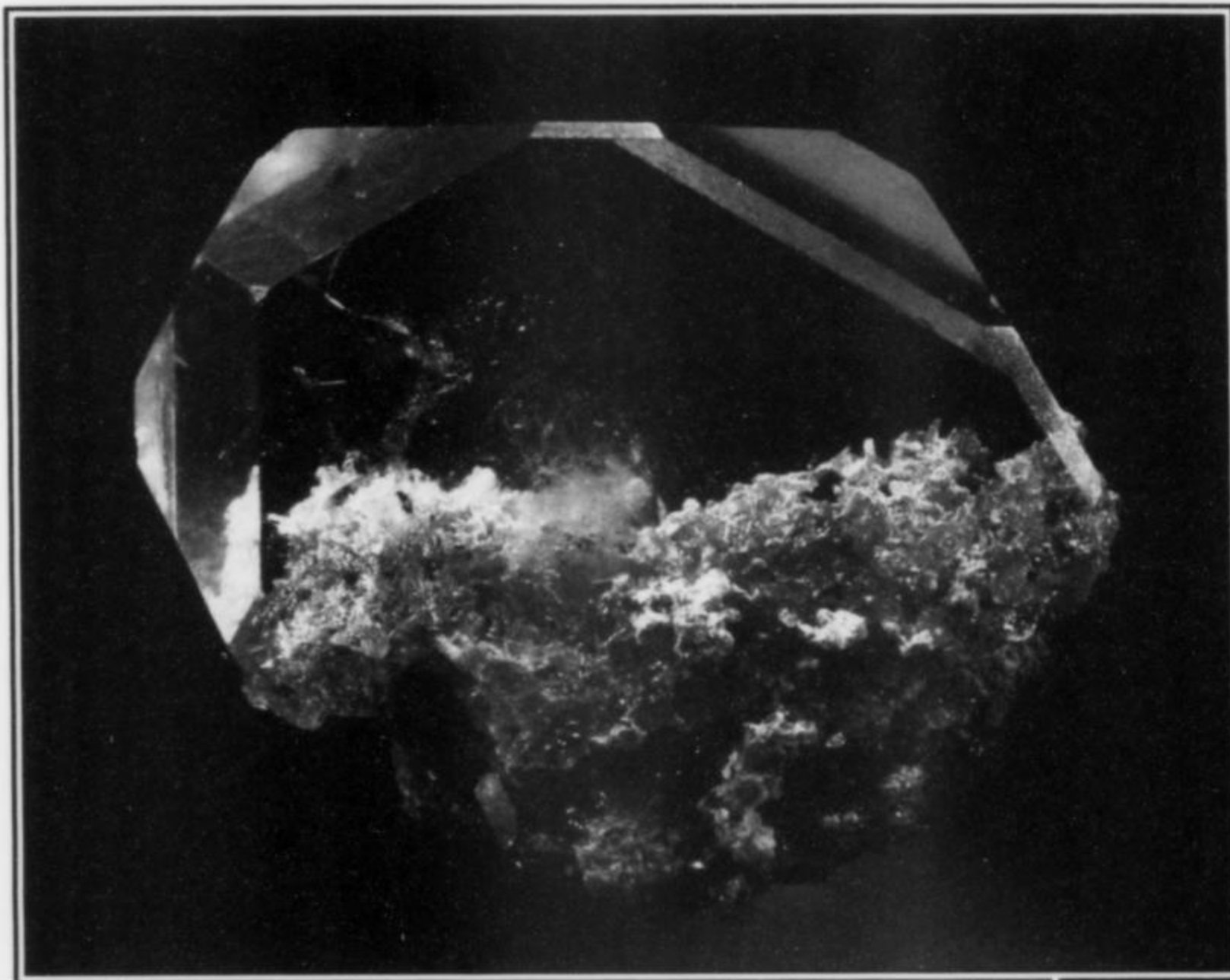
Adamite, 9 cm, Ojuela mine, Mapimí, Durango, Mexico. Ex Miguel Romero collection. Joe Budd photo.



Fluorite on celestine, 23 cm, Musquiz, Coahuila, Mexico. Joe Budd photo.

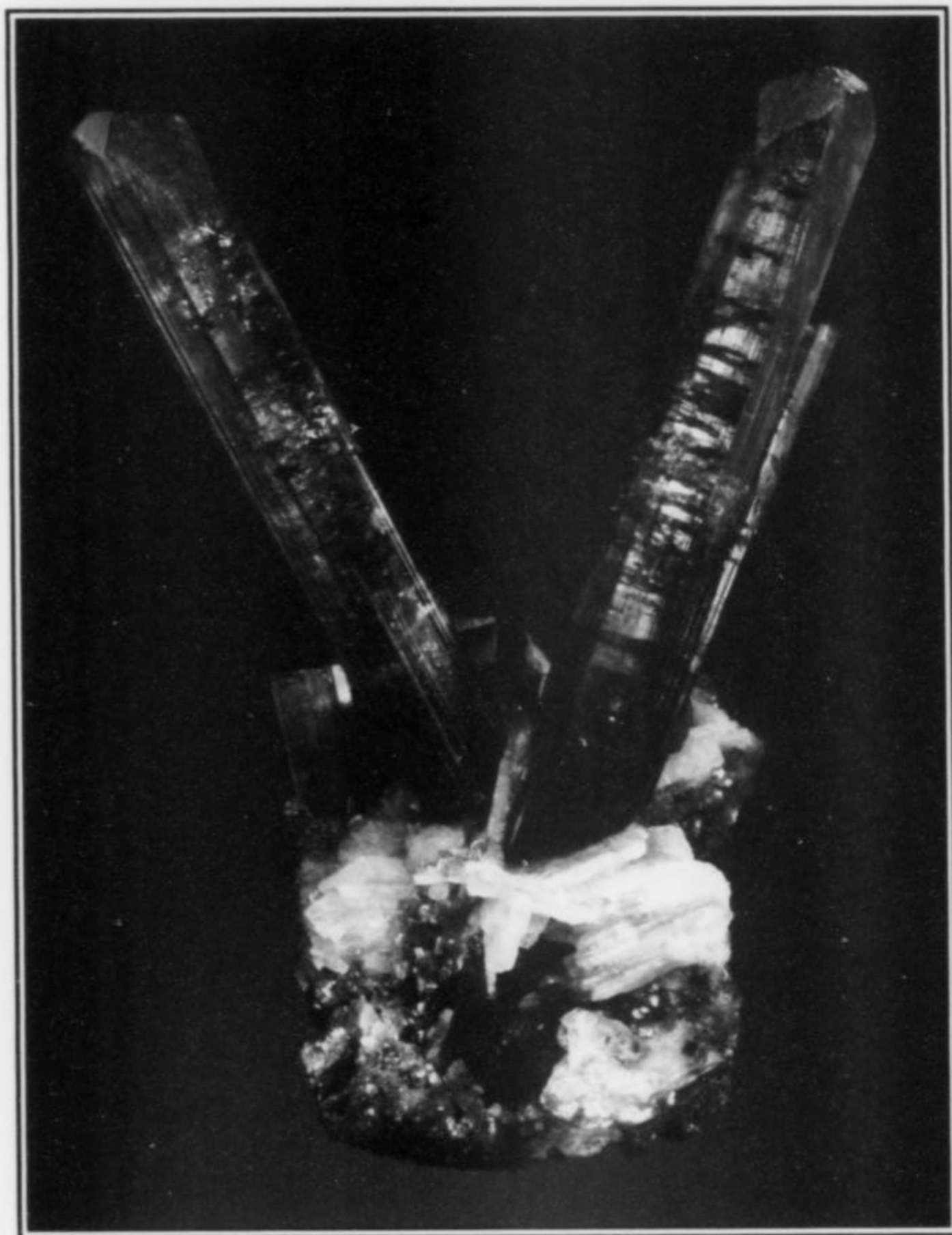
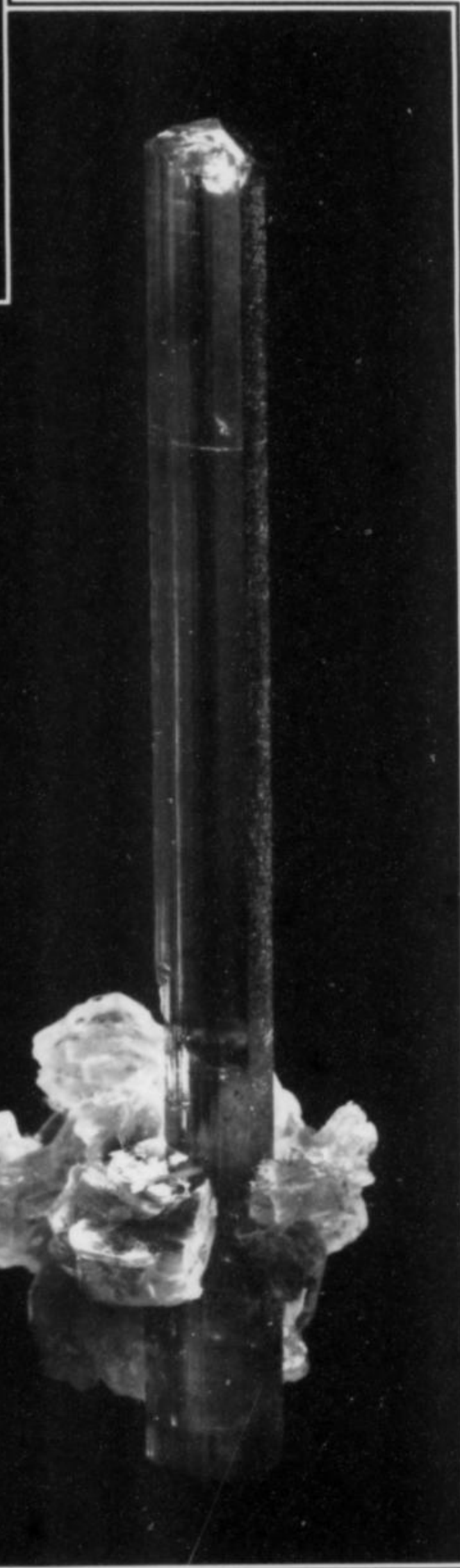


Stibiconite, 12 cm, Tierras Prietas mine, San Luis Potosí, Mexico. Ex Miguel Romero collection. Joe Budd photo.

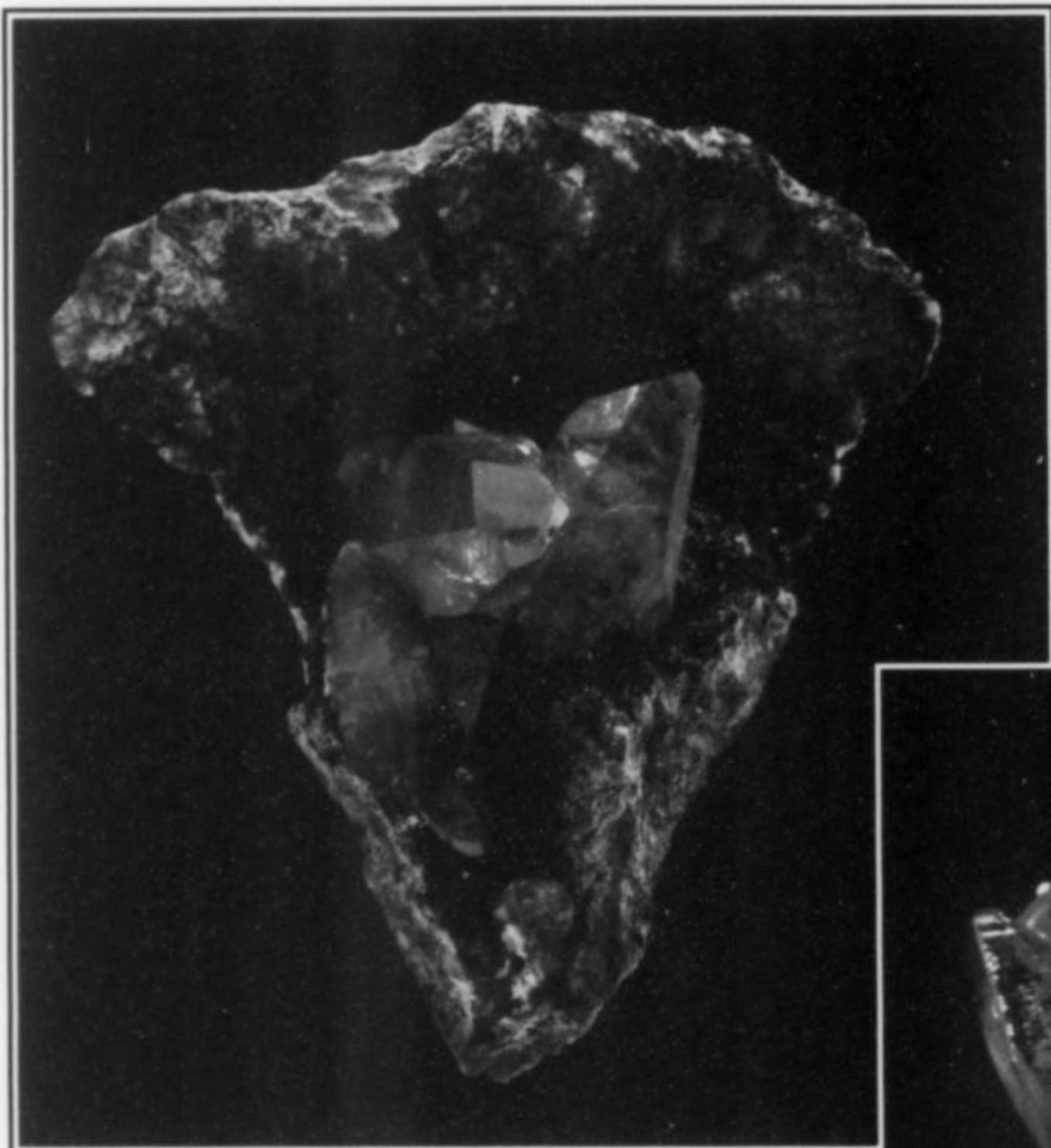


Goshenite beryl, 6.7 cm,
Morro Vendinho, Governador
Valadares, Minas Gerais, Brazil.
Ex Eric Asselborn collection;
illustrated in *Photoatlas of
Minerals*. Jeff Scovil photo.

Elbaite with lepidolite, 6 cm,
Jonas mine, Itatiaia, Minas
Gerais, Brazil. Ex Martin Zinn
collection. Joe Budd photo.

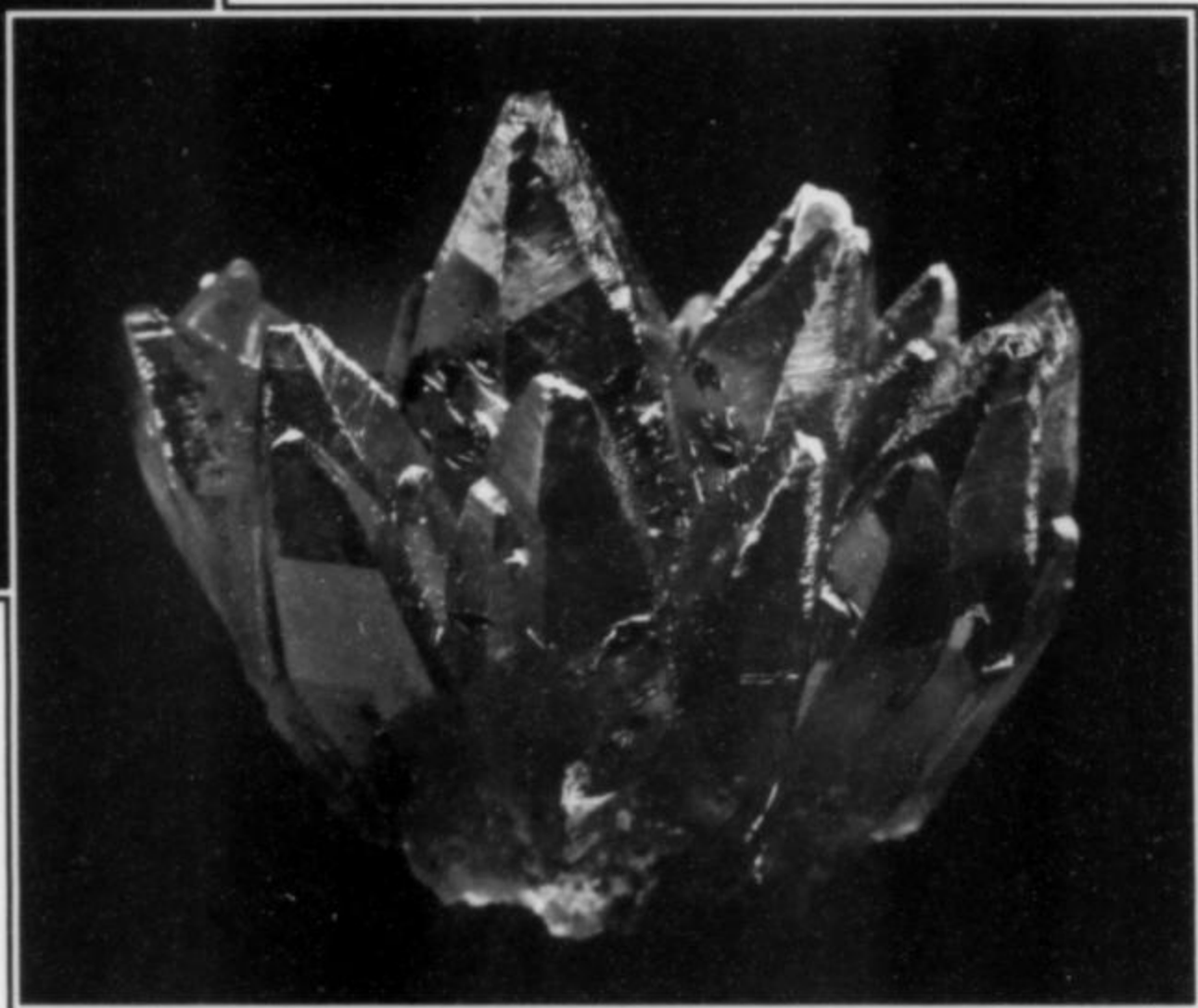


Elbaite with albite and lepidolite, 10.5 cm, Pederneira mine, São José da
Safira, Minas Gerais, Brazil. Ex William Hiss collection. Jeff Scovil photo.

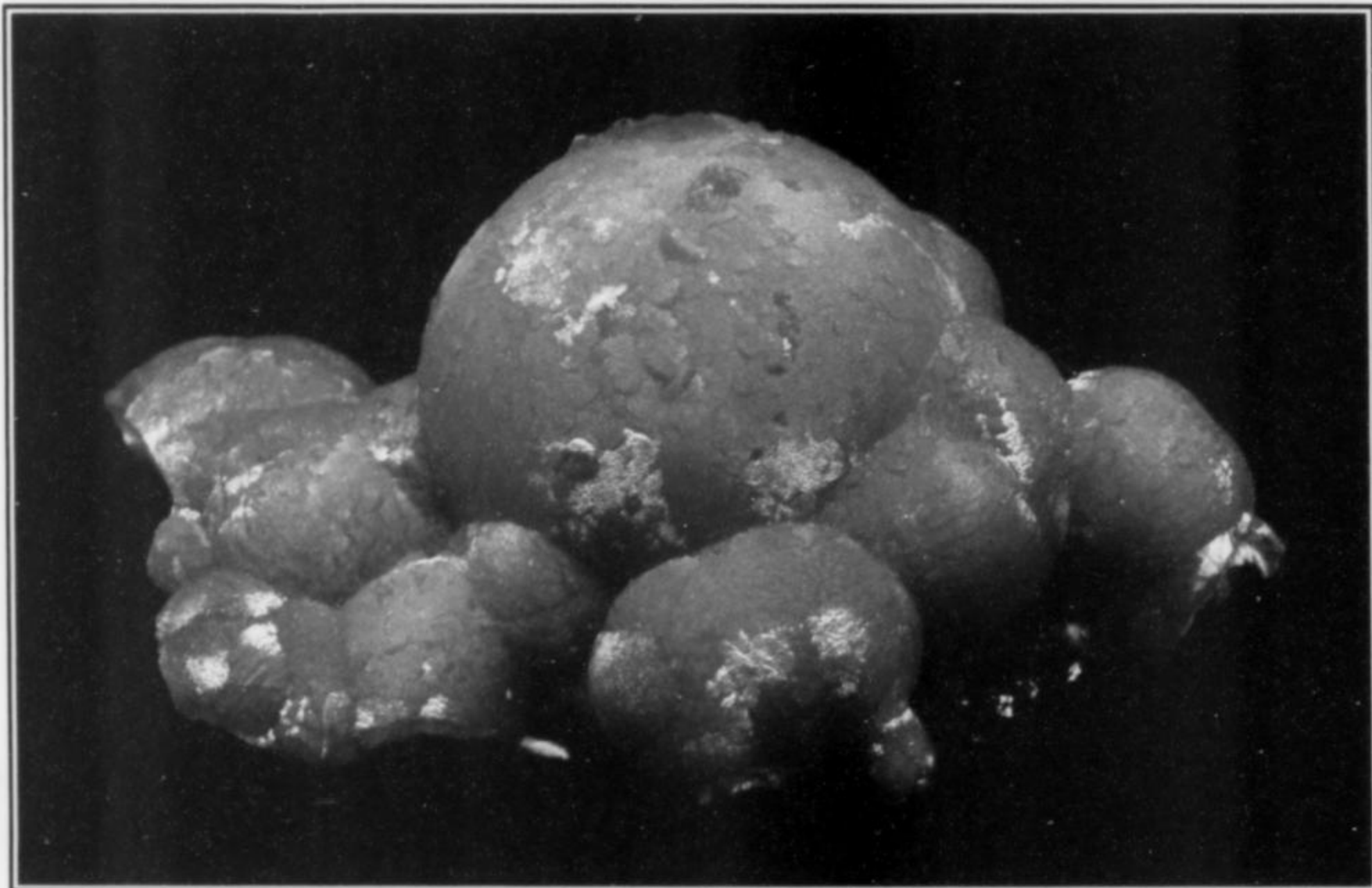


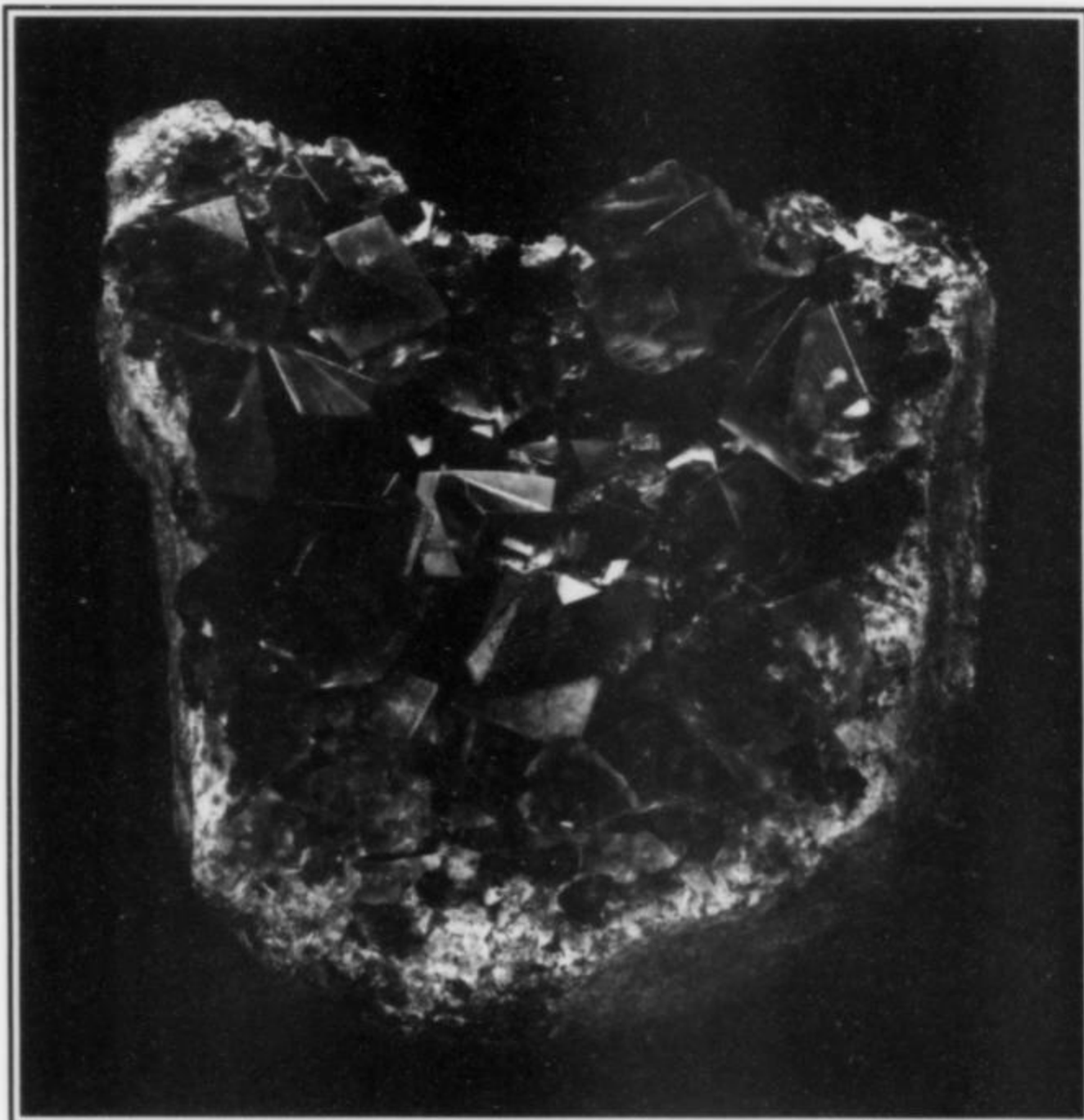
Rhodochrosite, 6 cm, Uchucchacua mine, Lima Department, Peru. Ex Helmut Brückner collection. Joe Budd photo.

Rhodochrosite, 3.7 cm, N'Chwaning mine, Kalahari Manganese Field, Northern Cape Province, South Africa. Ex Martin Zinn collection; illustrated in the *Photo-Atlas of Minerals*. Jeff Scovil photo.



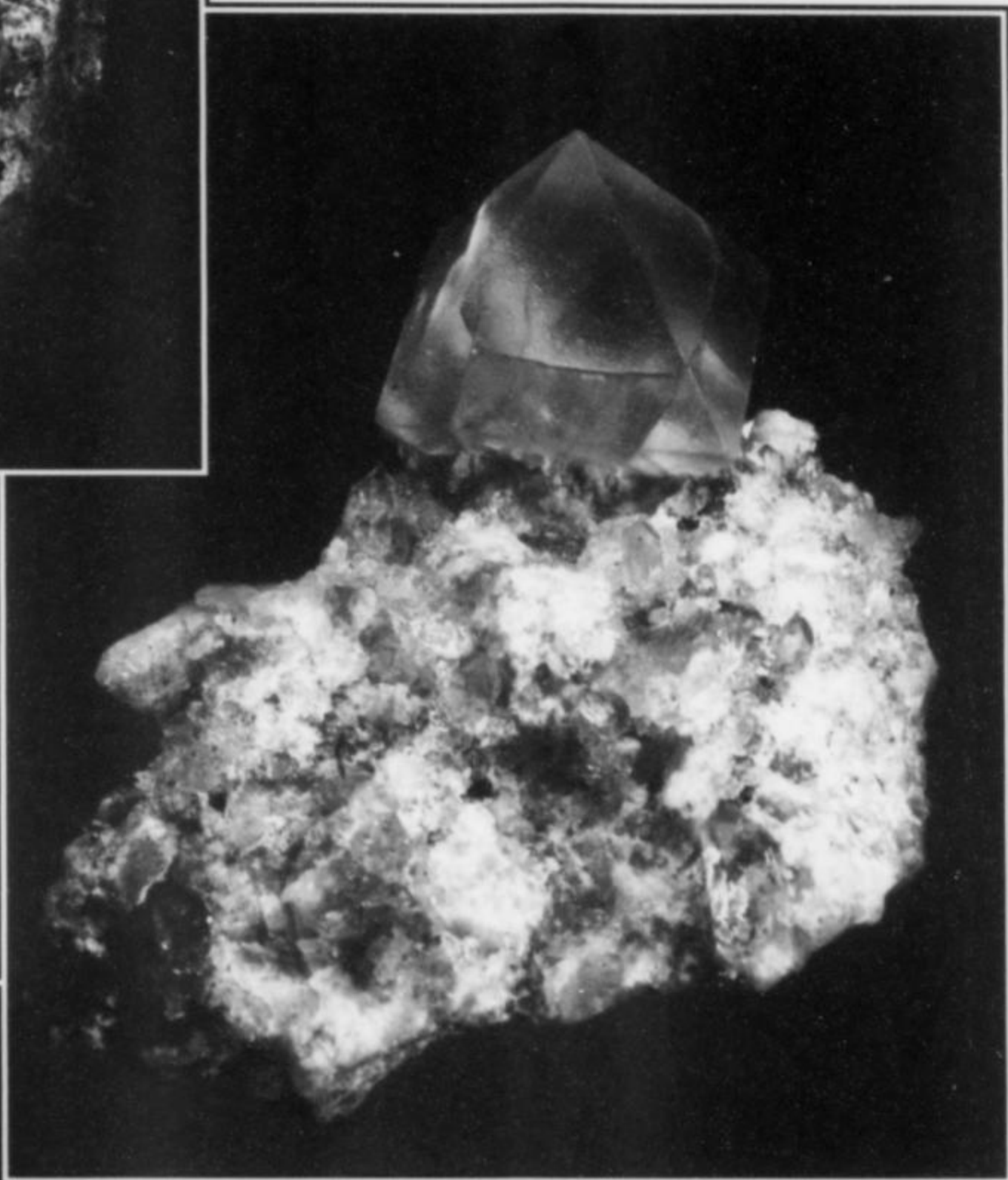
Rhodochrosite on manganite, 6.4 cm, N'Chwaning mine, Kalahari Manganese Field, Northern Cape Province, South Africa. Ex Martin Zinn collection. Jeff Scovil photo.





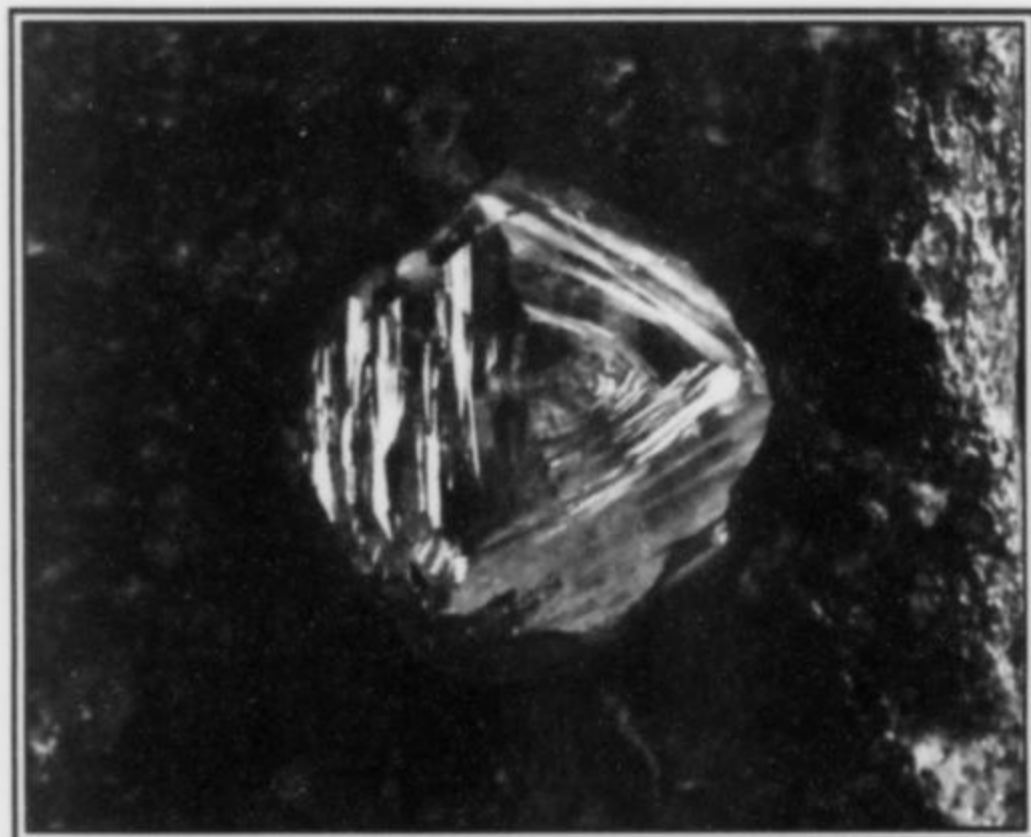
Fluorite, 9 cm, Heights mine, Weardale, Durham, England. Ex Joseph Freilich collection. Joe Budd photo.

Fluorite with quartz, 3.7 cm, Aiguille á Bochard, Les Grands Montets, Argentiére, Haute Savoie, France. Ex Francis Benjamin collection. Jeff Scovil photo.



(below right) Diamond in matrix, 7-mm crystal, Mir pipe, Yakutia, Eastern Siberia, Russia. Joe Budd photo.

Crocoite, 5 cm, Adelaide mine, Dundas, Tasmania, Australia. Joe Budd photo.



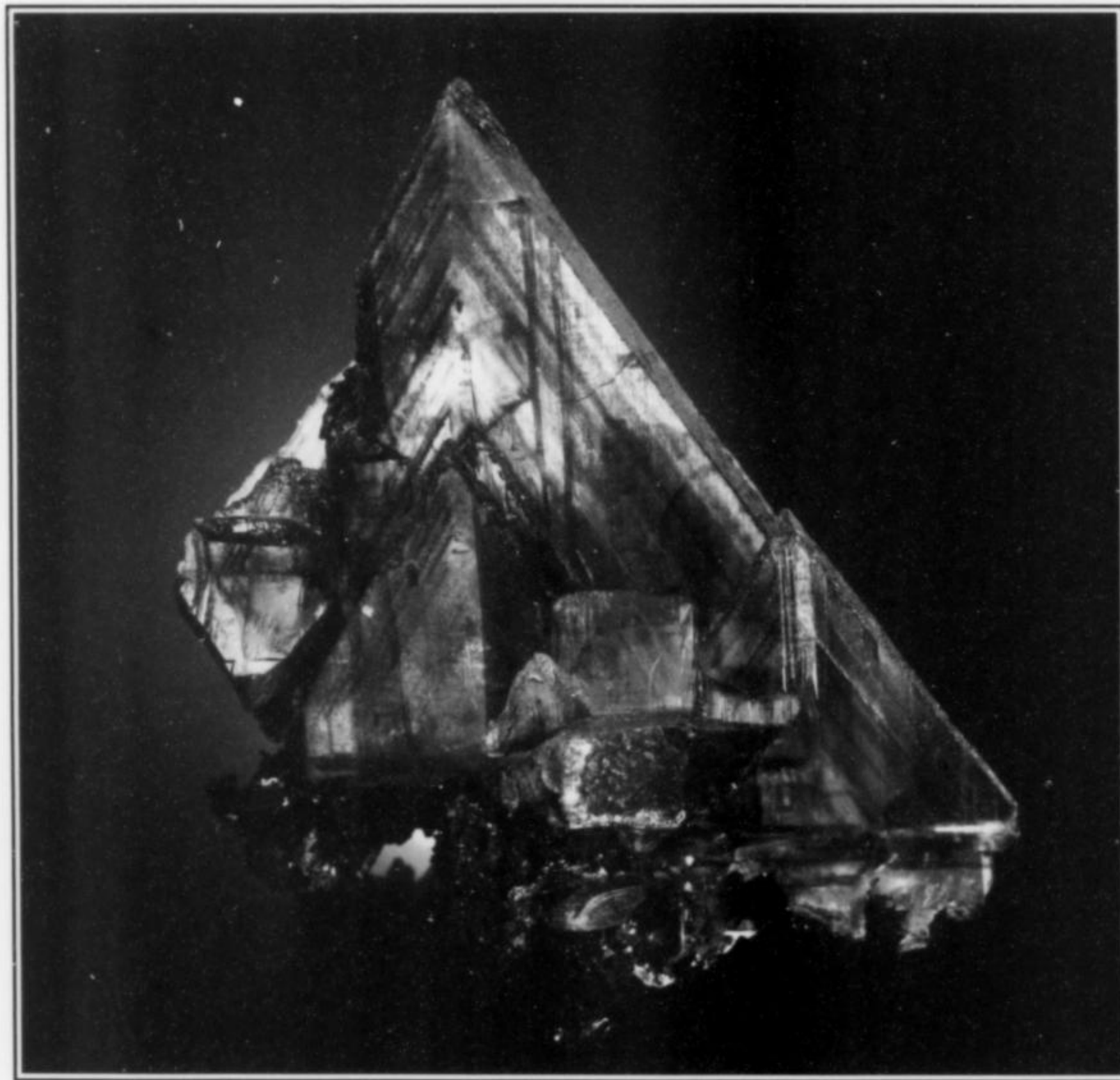
Karl & Carol Warning



I developed a deep appreciation for natural wonders and culture through annual family driving vacations; we had visited 48 states and nine Canadian provinces by the time I was 13. National parks, open pit mines, Disneyland, caverns and the Smithsonian mineral collection are all fond memories for me. I began mineral collecting when I transferred to the University of Texas at Austin to study geology in 1968, buying inexpensive specimens from the Colonel Barron dealer stock. My interest continued to bloom through graduate school at UT. I met Julius and Miriam Zweibel at the Dallas Show in 1978 and purchased my first fine minerals from them with oil company paychecks! I was especially captivated by the beauty of Tsumeb minerals.

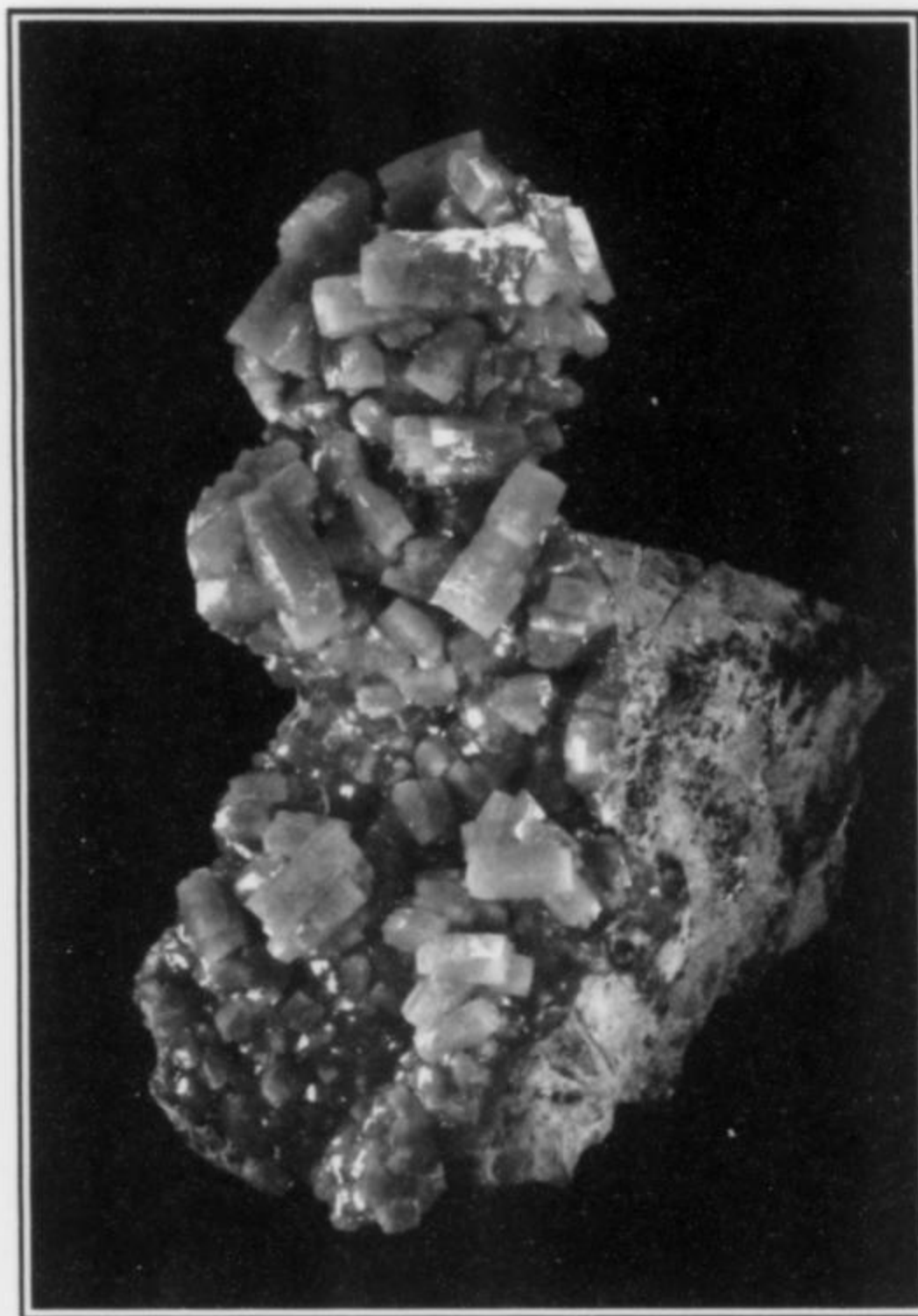
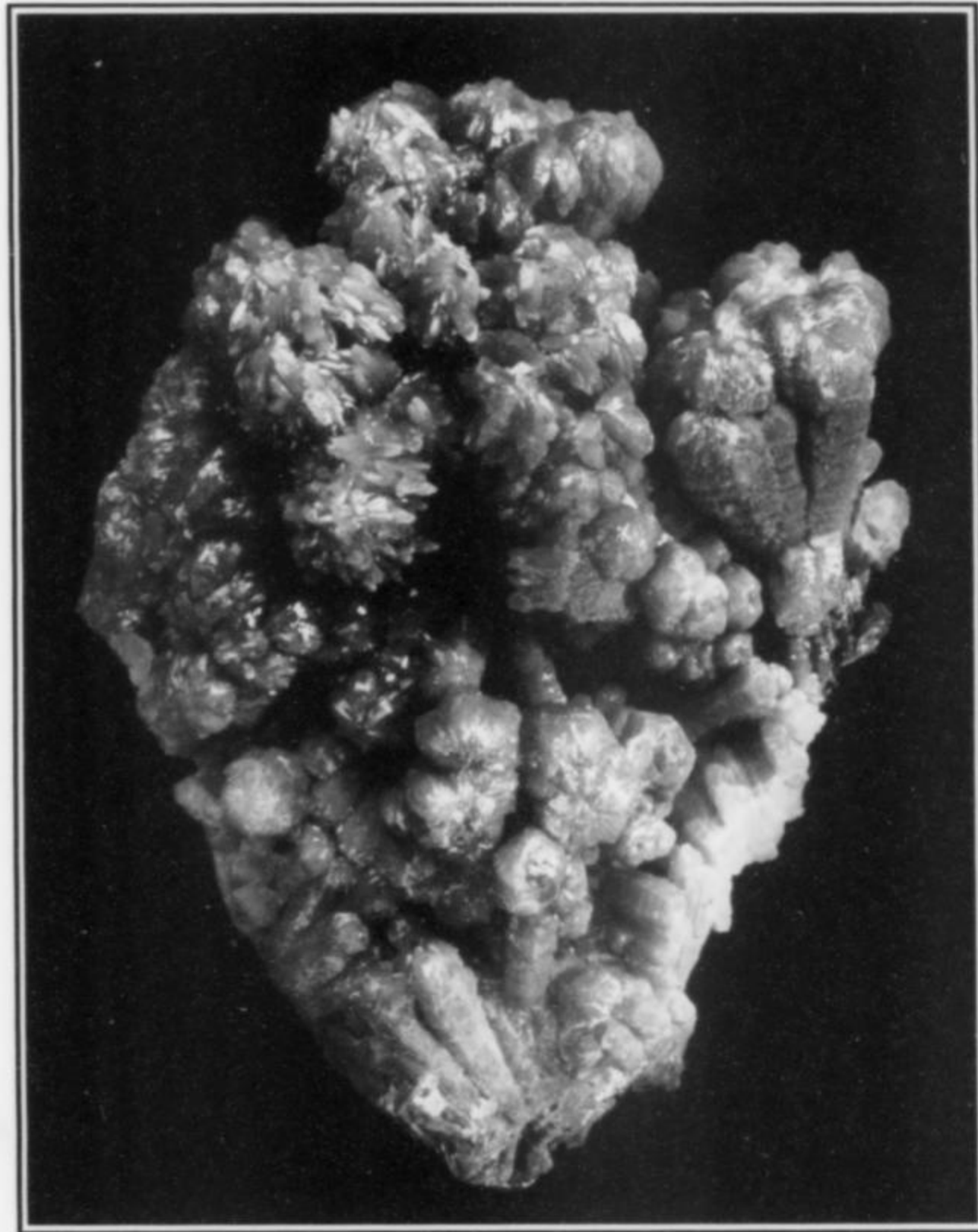
My collecting philosophy has evolved to encompass aesthetic worldwide miniatures to small cabinet specimens, with a particular emphasis on pyromorphite and calcite. Form, crystallization, matrix and freedom from damage are primary considerations. Carol continues to be an invaluable partner in specimen acquisition.

I have discussed the MAD group with numerous dealers, collectors and curators over the years. We are a unique group of mineral enthusiasts and friends who willingly share our passion and experience in this fascinating hobby of natural beauty.



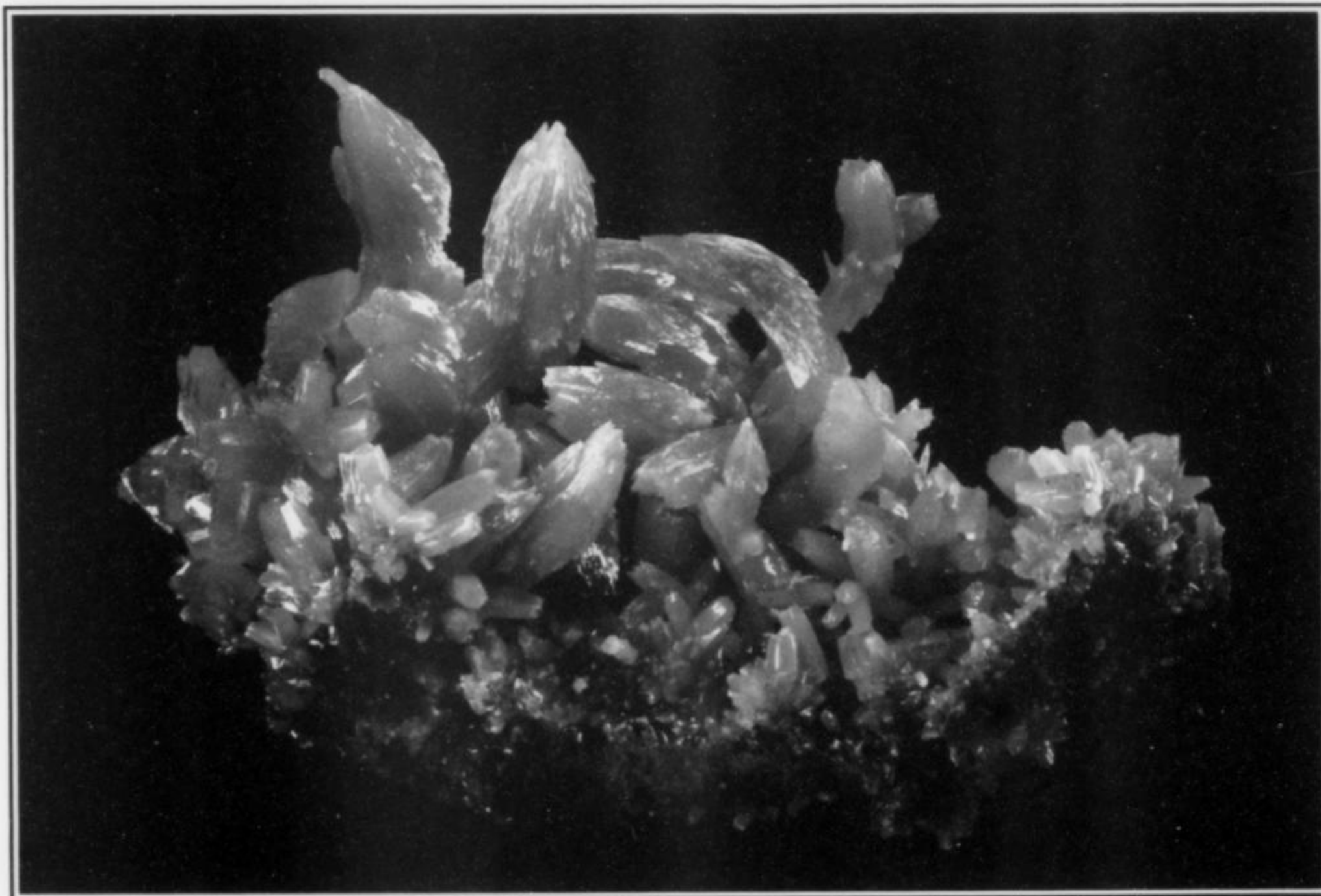
Cerussite, 6.2 cm, Tsumeb mine, Tsumeb, Namibia. Ex Zweibel, Tate, Dyck collections. Jeff Scovil photo.

Pyromorphite, 7.2 cm, Roughton Gill mine, Cumbria, England.
Ex Charles Jones collection, bequeathed to Heidelberg College,
Tiffin, Ohio in 1919. Jeff Scovil photo.



Pyromorphite, 7.5 cm, Bunker Hill mine,
Kellogg, Shoshone County, Idaho. Joe Budd photo.

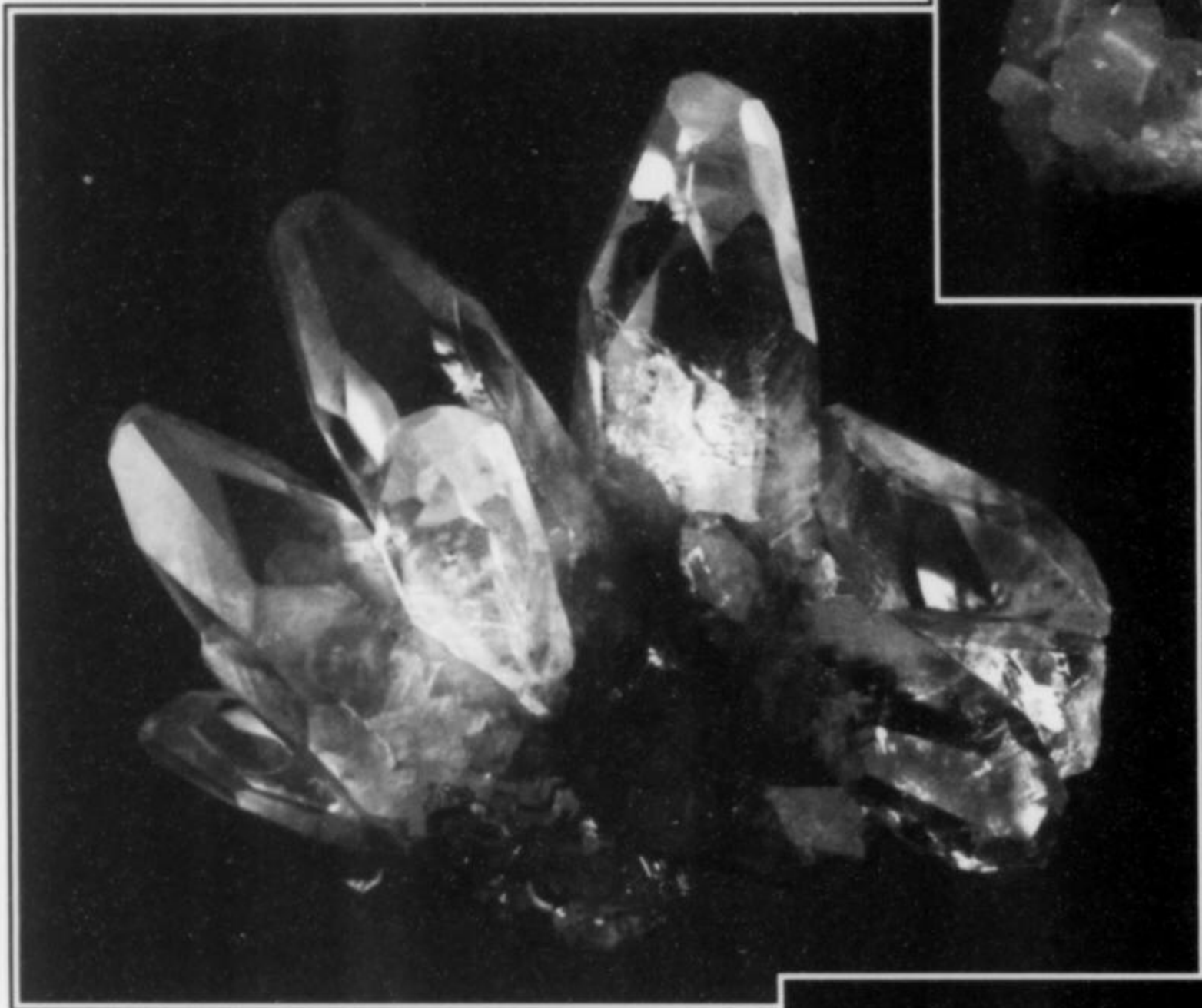
Pyromorphite, 7.4 cm, Daoping mine, Guilin,
Guangxi Zhuang Autonomous Region, China. Ex
Steve Smale collection. Joe Budd photo.



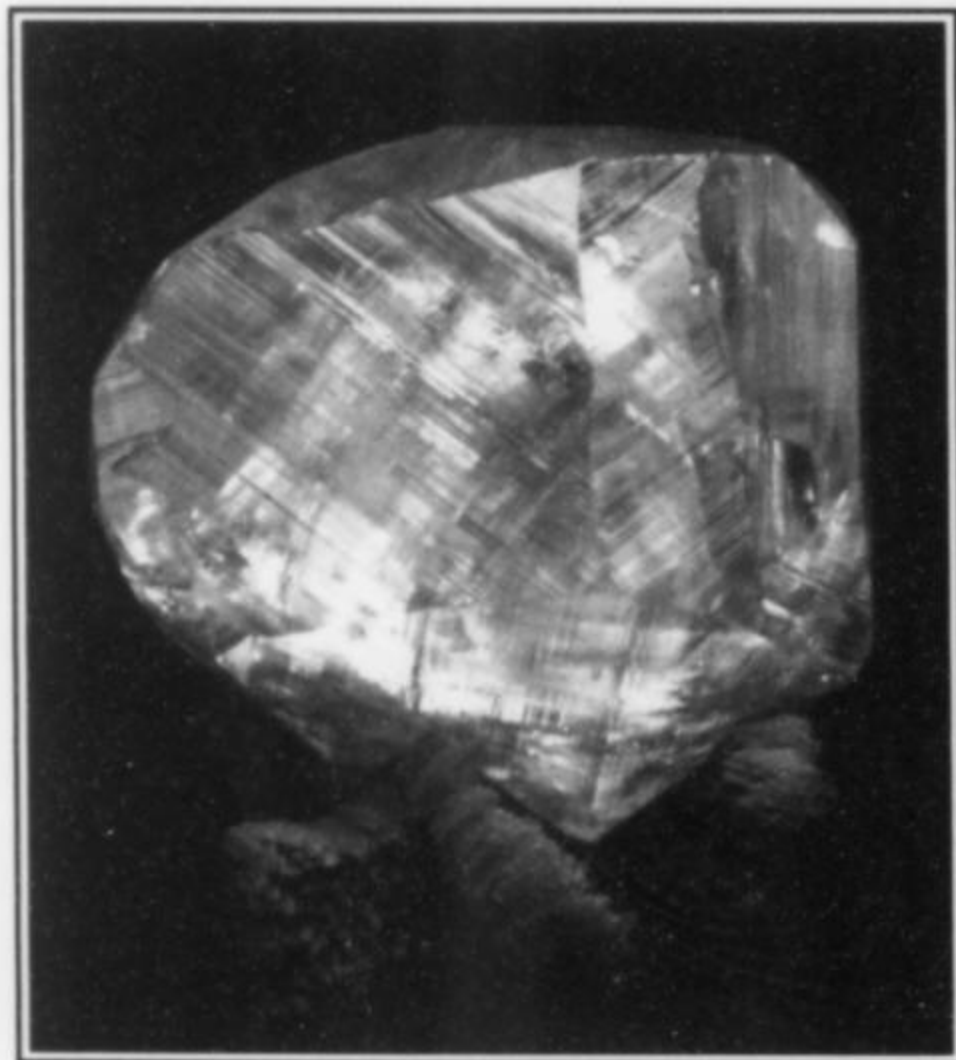
Calcite on gmelinite and stellerite,
4.9 cm, Sarbay mine, Rudnyi,
Kustany Oblast, Kazakhstan.
Jeff Scovil photo.



Calcite, 6.3 cm, Egremont, Cumbria, England.
Ex Rex Bannister, Rick Rolater, Wilhelm
Leithauser collections. Jeff Scovil photo.

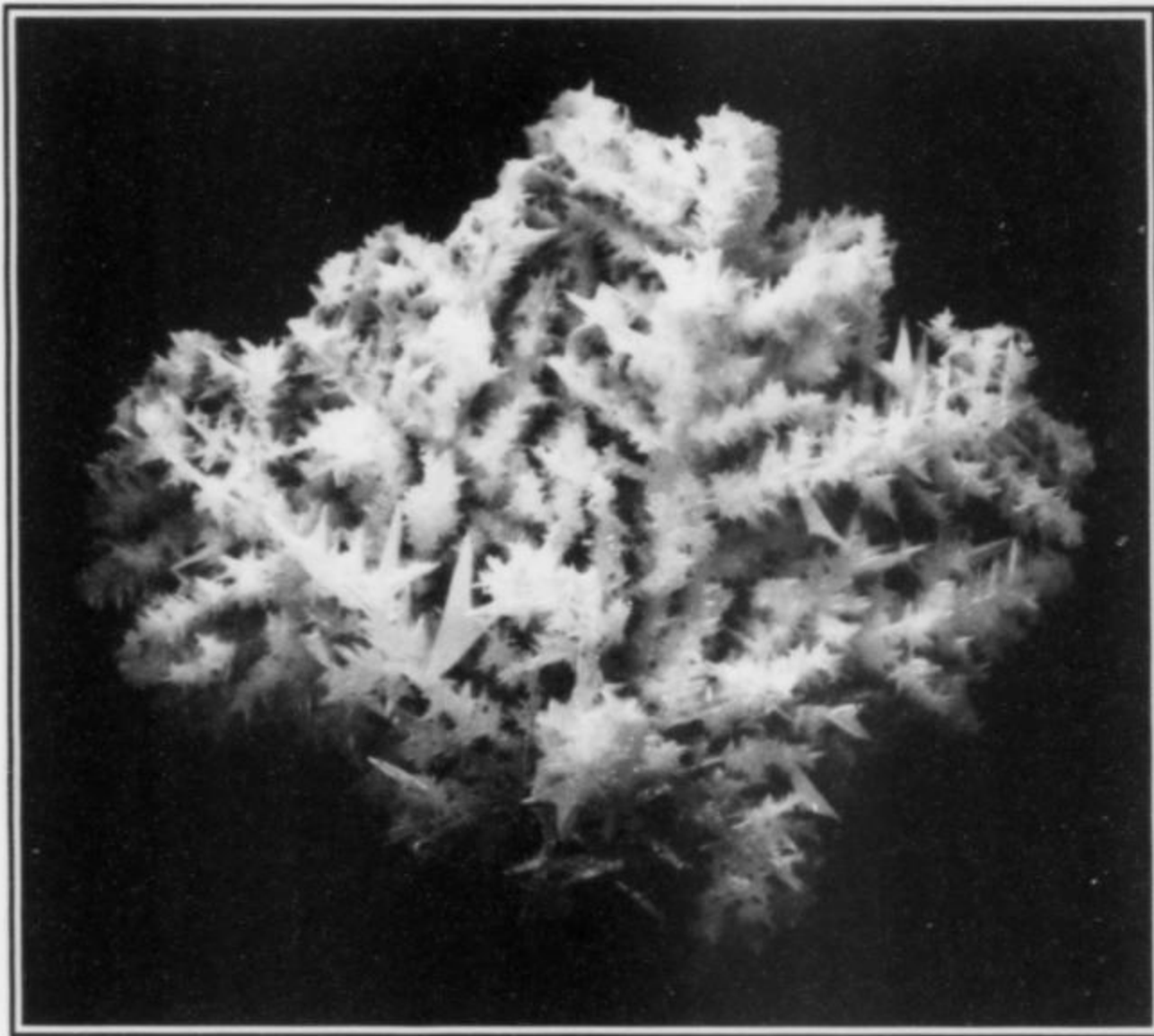
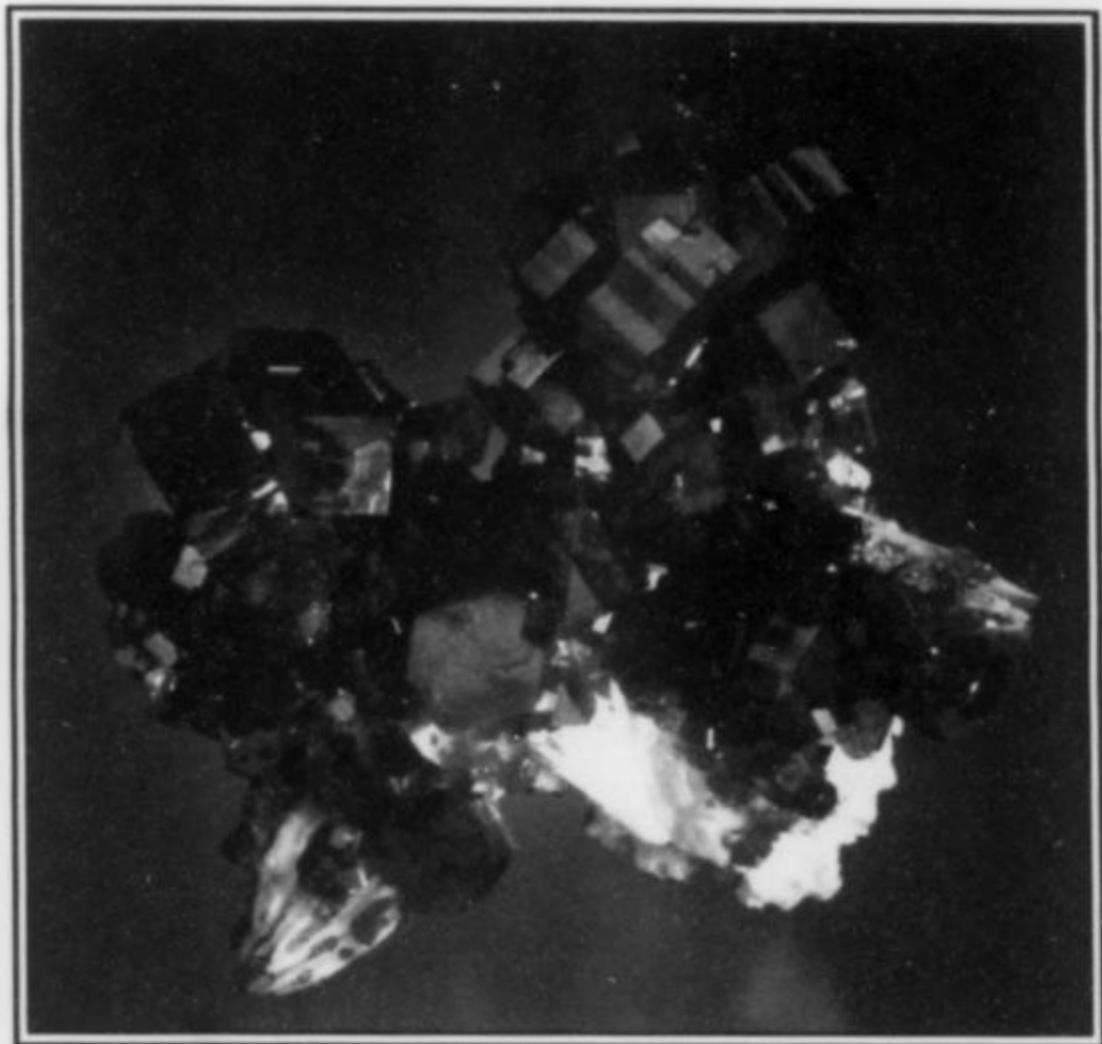


Calcite, 6.5 cm, Bigrigg mine,
Frizington, Cumbria, England.
Ex George Feist and
Wally Mann collections.
Jeff Scovil photo.



Calcite (*left*), 5.5 cm, Verchniy mine, Dalnegorsk,
Primorskiy Kray, Russia. Jeff Scovil photo.

Vanadinite, 6.5 cm, ACF mine, Mibladen,
Midelt, Morocco. Jeff Scovil photo.

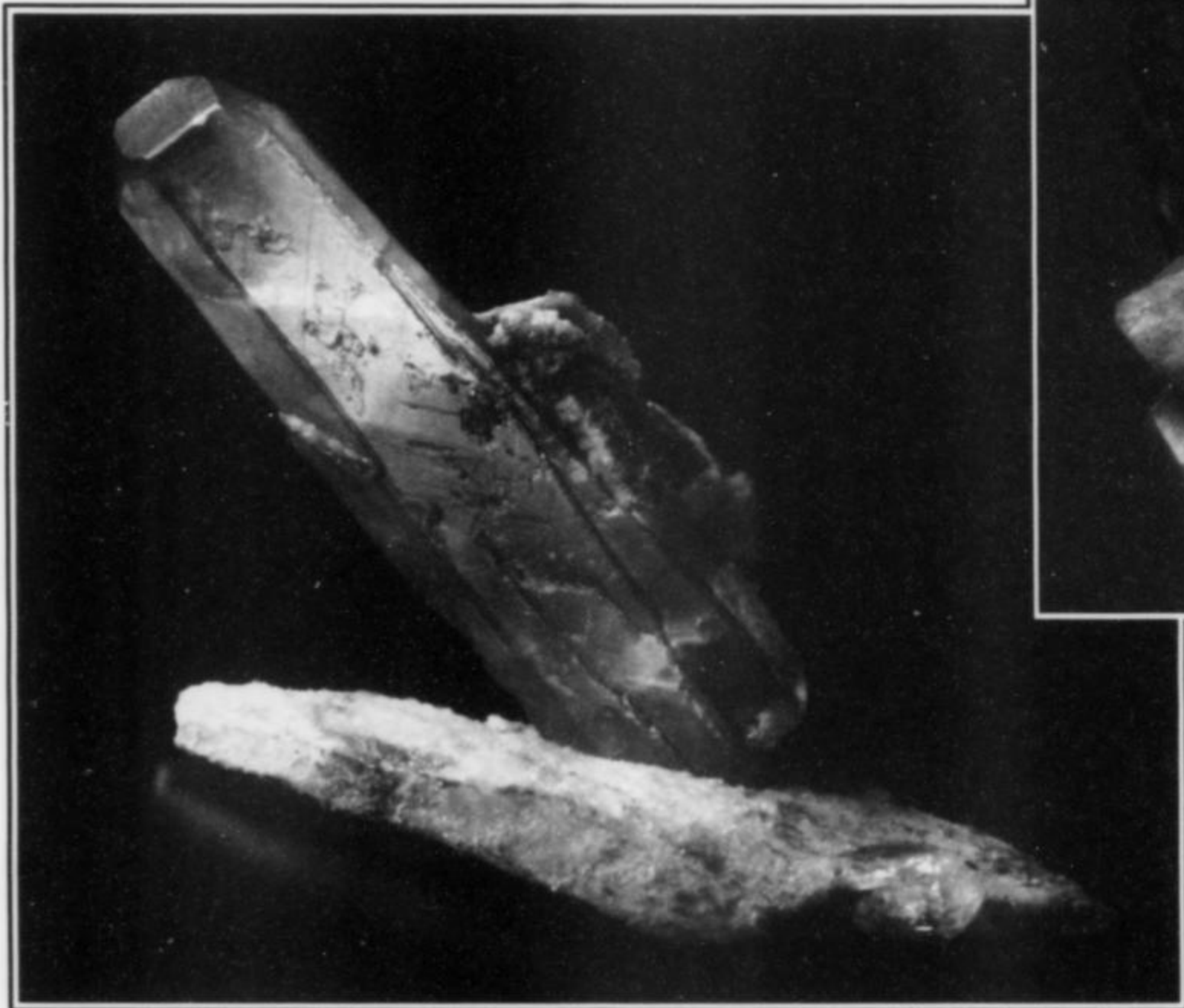


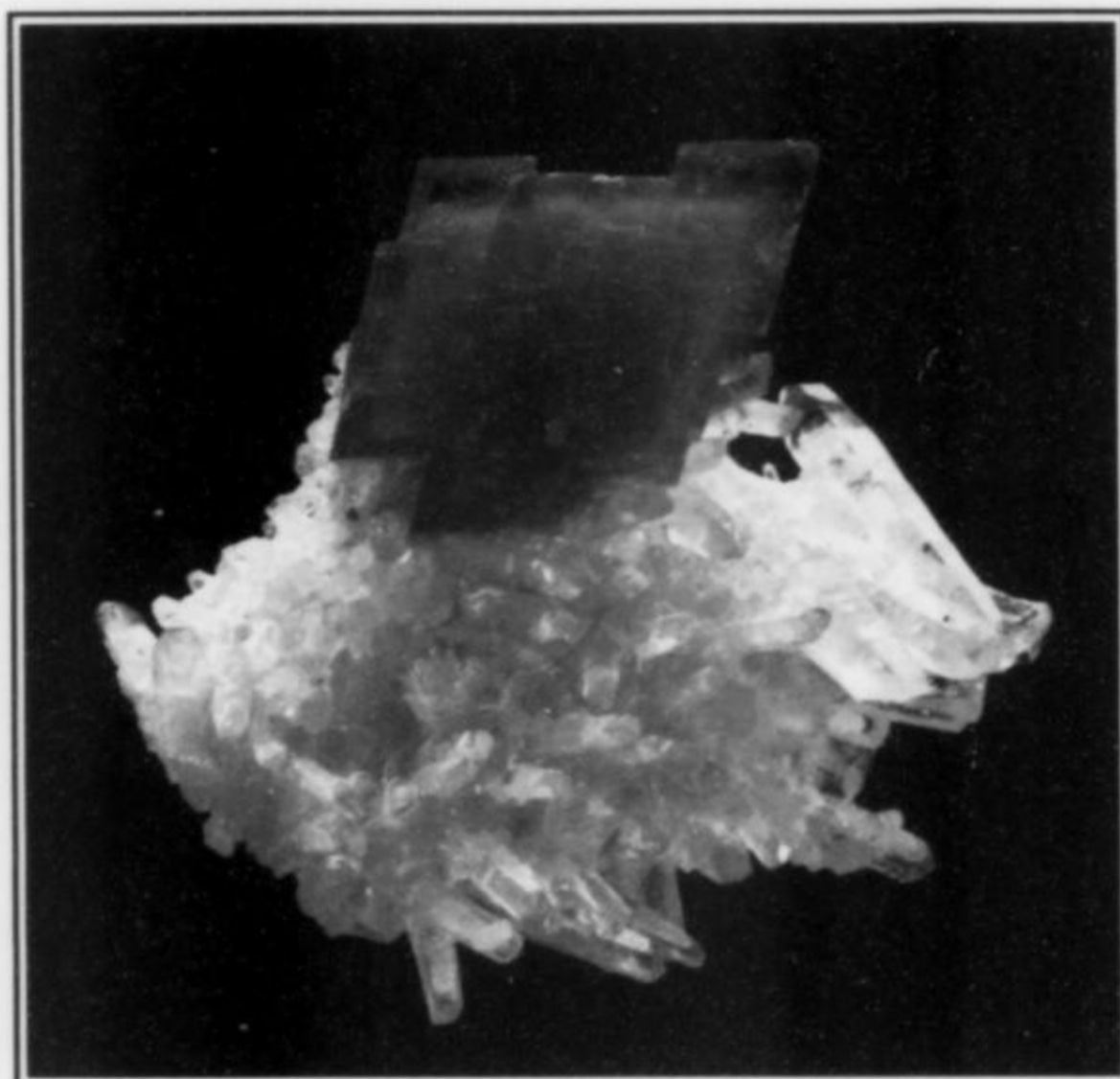
Cerussite, 7.3 cm, Tsumeb mine, Tsumeb,
Namibia. Jeff Scovil photo.

Barite, 7.7 cm, Mowbray mine, Frizington,
Cumbria, England. Ex Eric Asselborn
collection. Jeff Scovil photo.



Amazonite microcline, 8.5 cm,
Tree Root pocket, Two Point claim,
Teller County, Colorado.
Jeff Scovil photo.





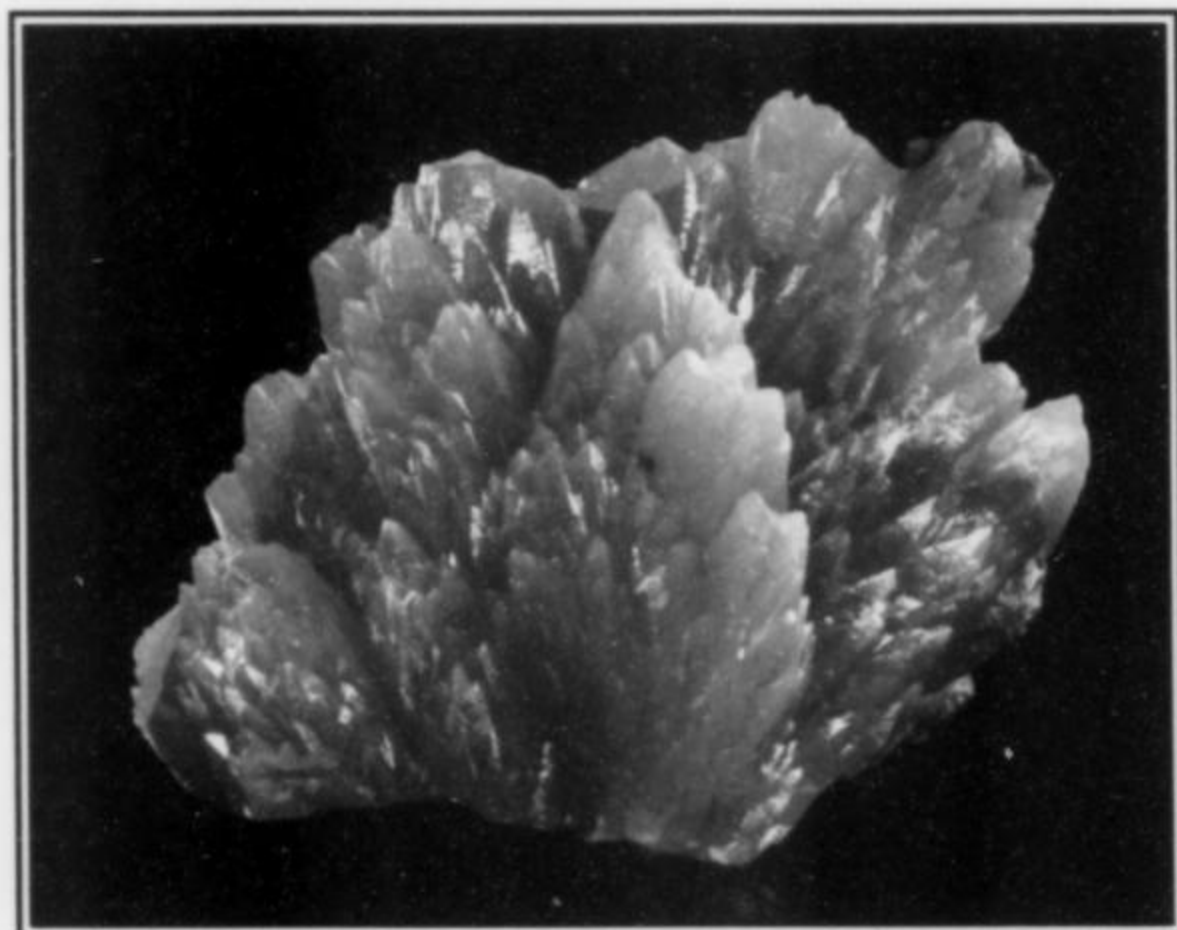
Rhodochrosite on quartz, 4.8 cm,
Huallapón mine, Pasto Bueno, Ancash Province,
Peru. Ex Mark Pospisil collection. Joe Budd photo.

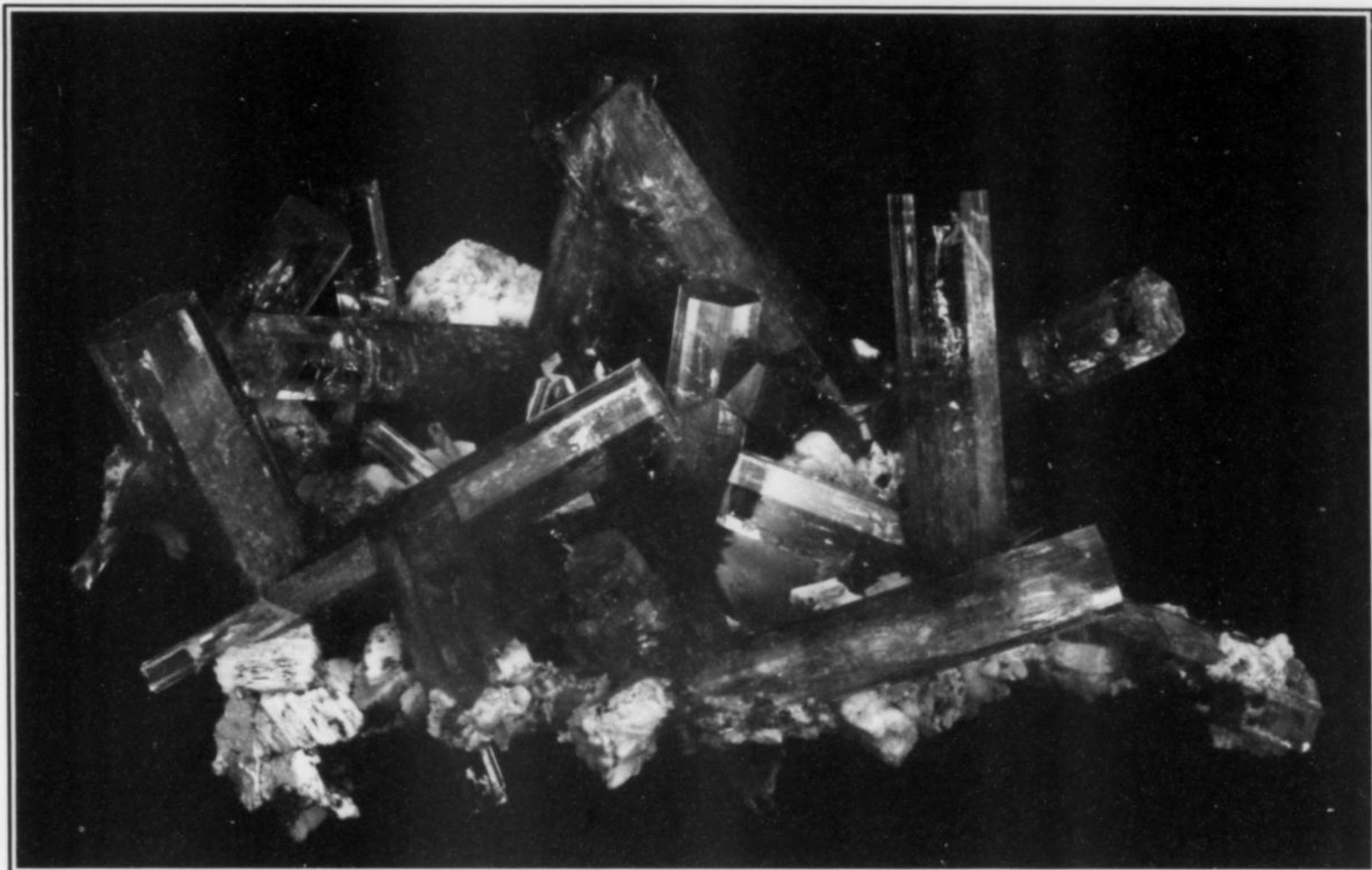
Pyromorphite, 6 cm, Friedrichsseggen mine,
Bad Ems, Rheinland-Pfalz, Germany.
Ex University of Rome collection.
Jeff Scovil photo.



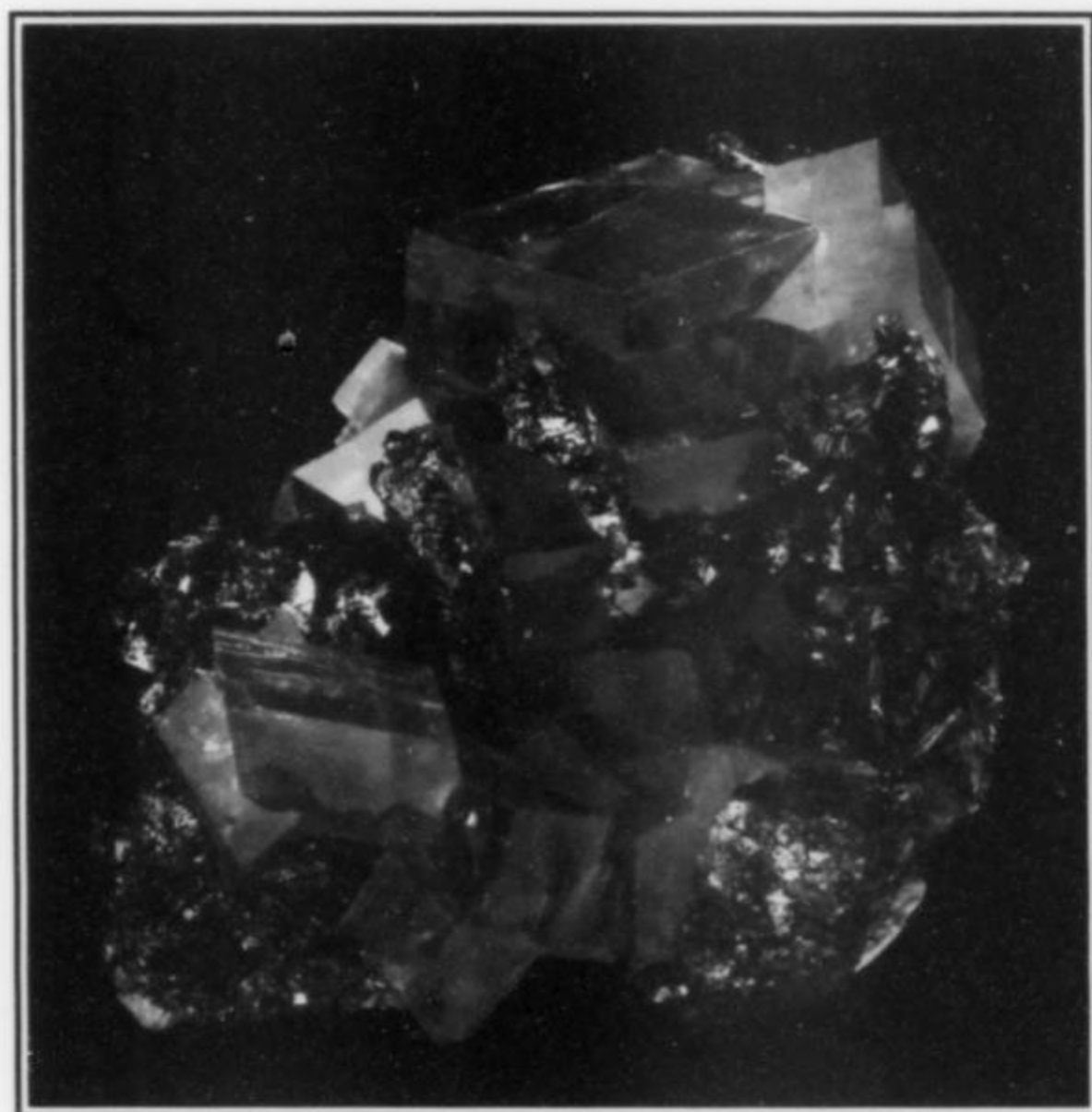
Pyromorphite on Barite, 7 cm,
Les Farges mine, Ussel, Limousin, France.
Ex Francis Benjamin collection.
Jeff Scovil photo.

Pyromorphite, 7.8 cm, Broken Hill mine,
Kabwe, Central Province, Zambia.
Ex Stan Korowski, Marty Lewadny,
Neil Levett collections. Joe Budd photo.

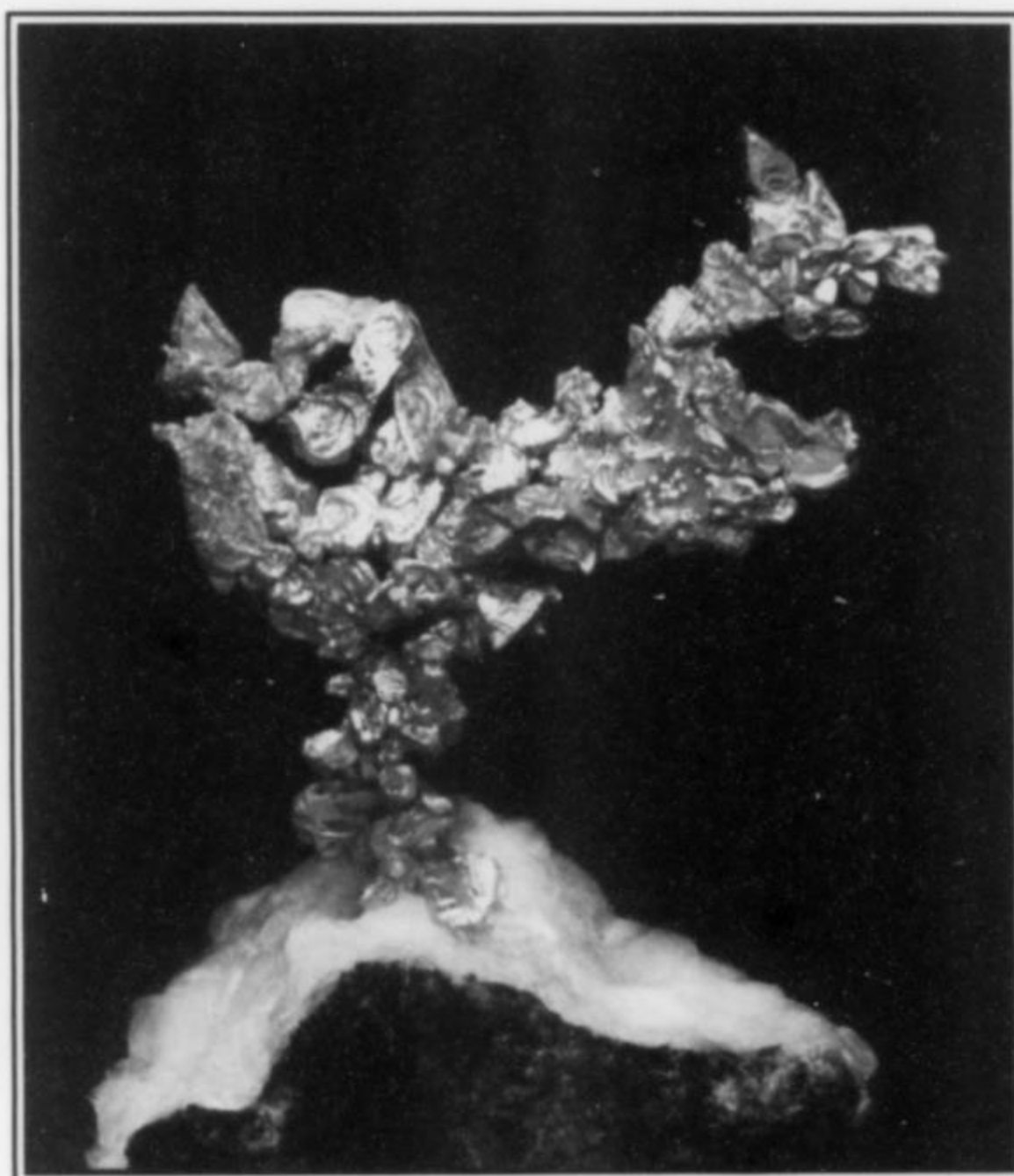




Aquamarine beryl, 9.1 cm, Erongo Mountains, Erongo Region, Namibia. Jeff Scovil photo.



Rhodochrosite on tetrahedrite, 7.3 cm, Corner pocket, Sweet Home mine, Alma, Park County, Colorado. Joe Budd photo.

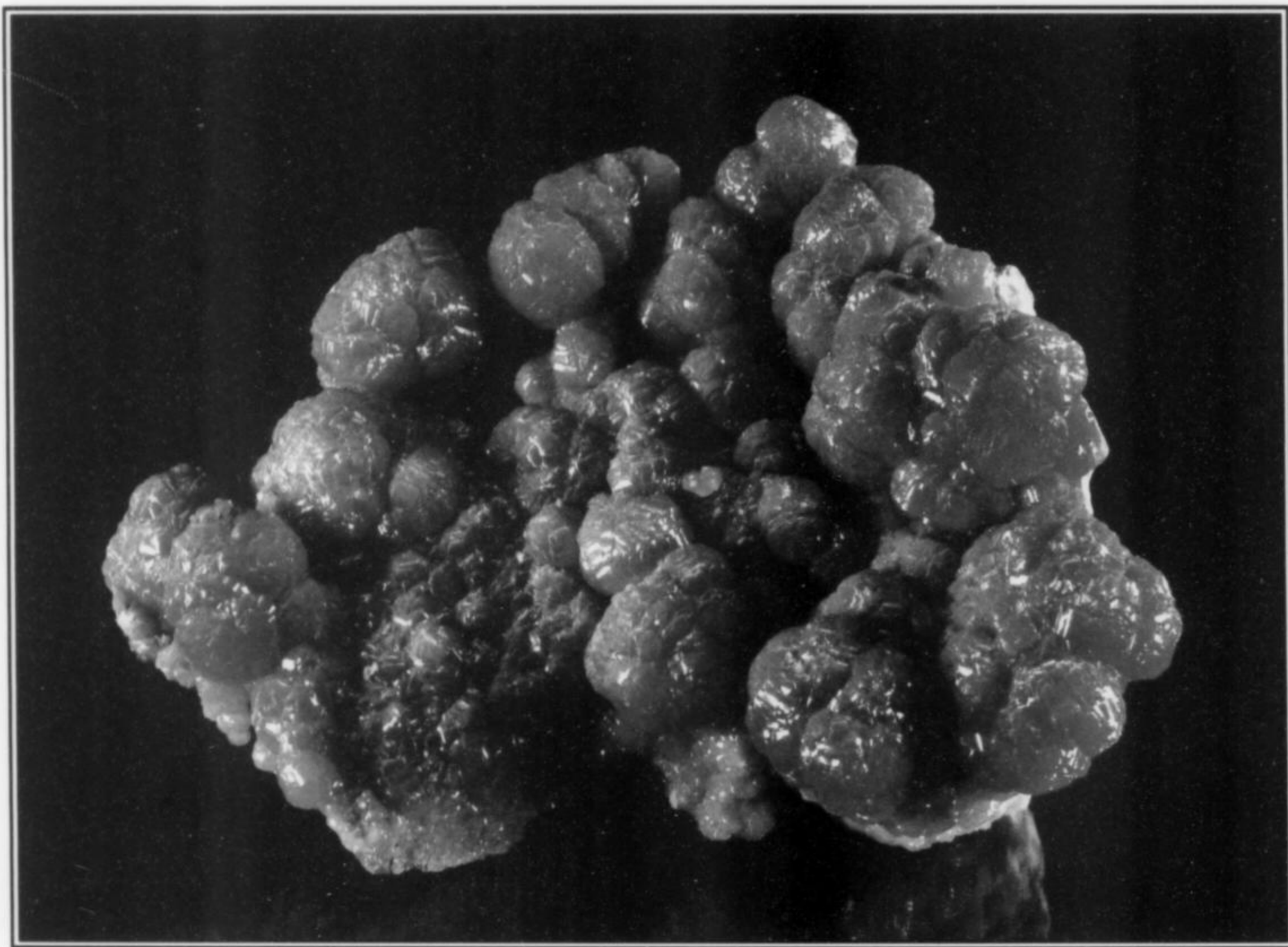


Gold on quartz, 4.9 cm, Eagle's Nest mine, Placer County, California. Ex Joel Bartsch collection. Jeff Scovil photo.

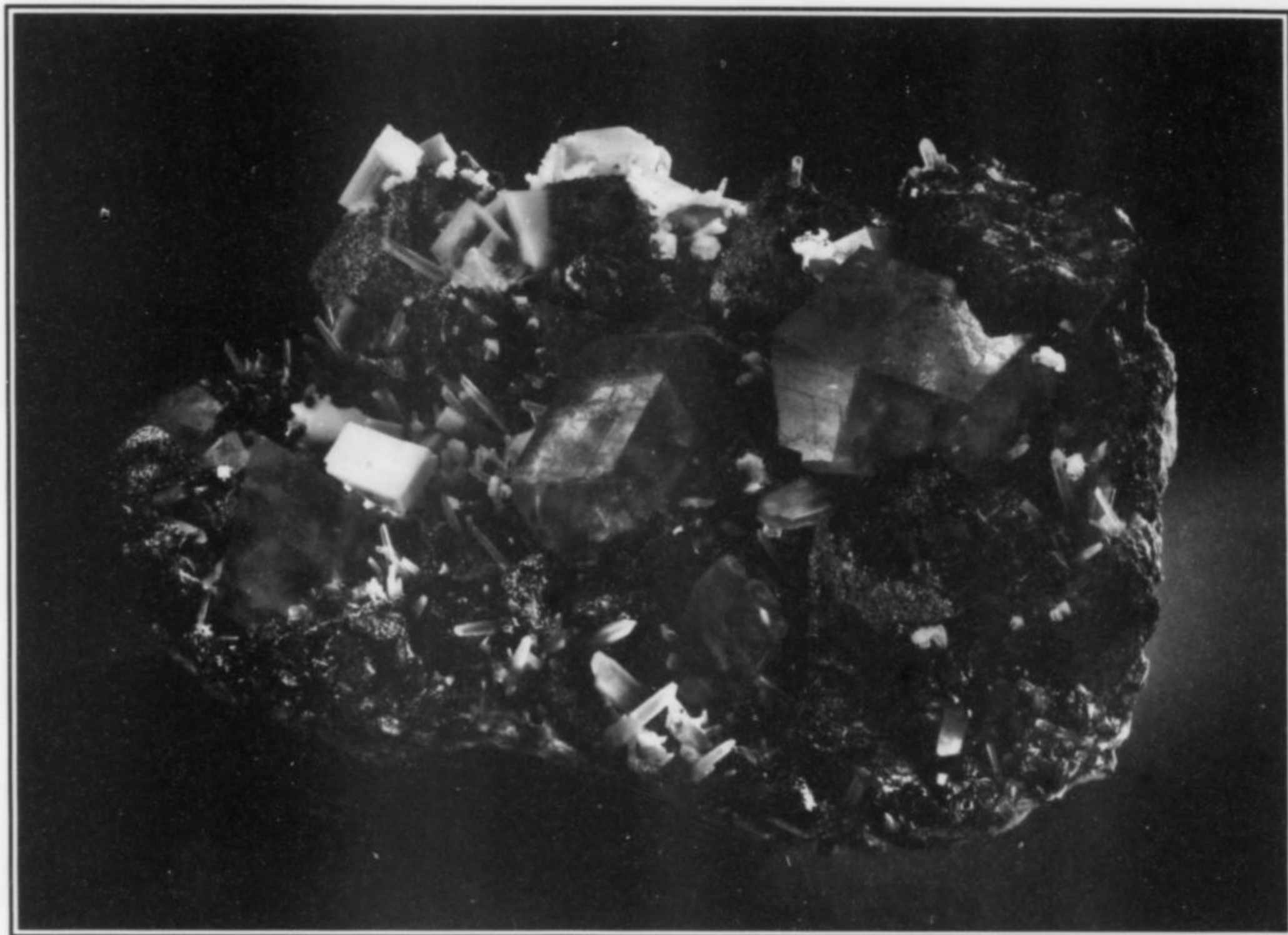
Gary White



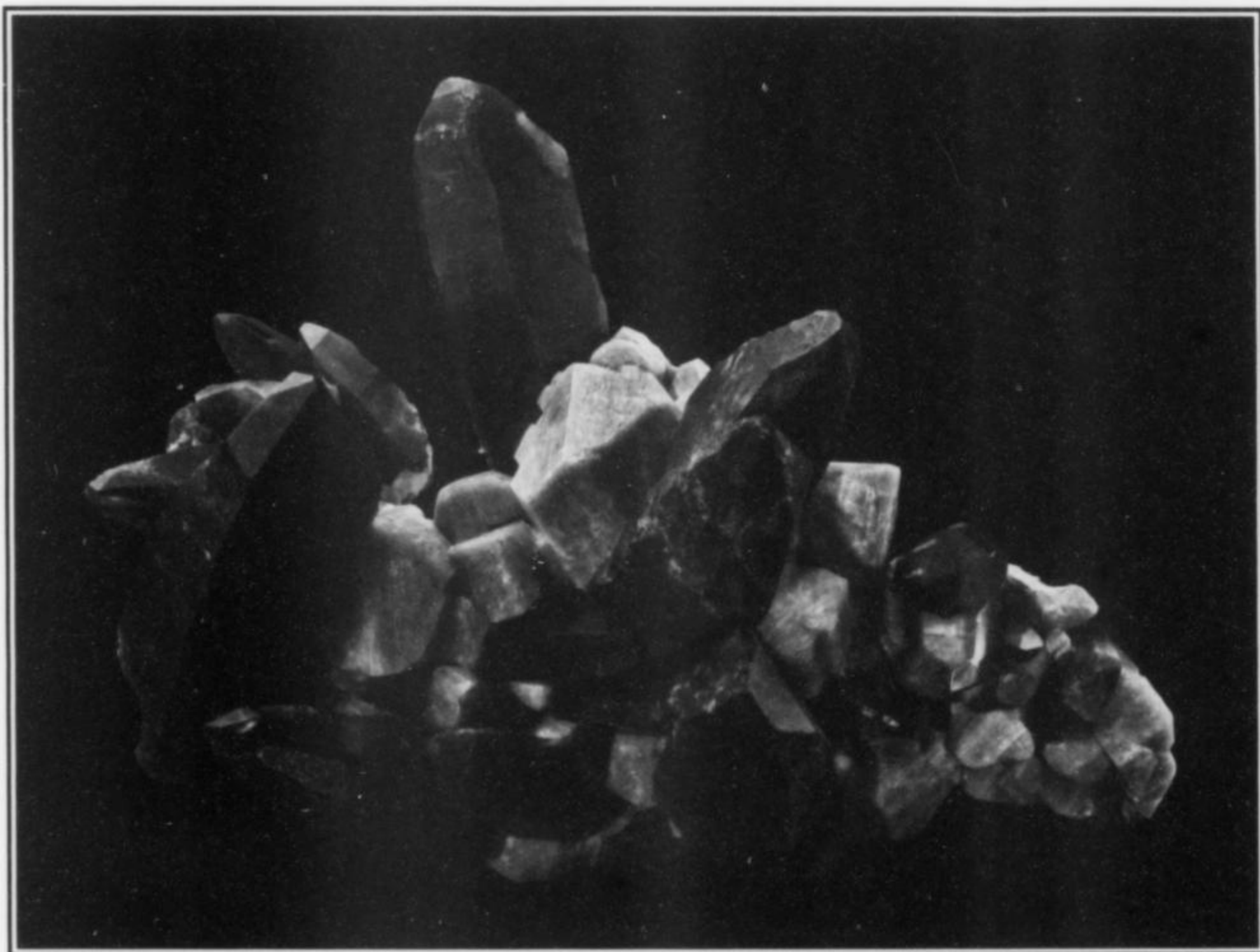
I have been interested in rocks and minerals since I was a young boy. My first rock collection was purchased at a roadside souvenir shop in the late 1950's. I was intrigued by the colored rocks neatly glued to the labeled cardboard display. In my early teens, I obtained a copy of John Sinkankas' *Mineralogy for Amateurs*. I remember voraciously reading the descriptive text in an attempt to visualize the color and texture of the many black and white photos provided. Although I had an ongoing interest in mineral collecting from that time forward, it was attending the Denver Gem and Mineral Show in 1994 that transformed that interest into passion. That passion has grown and matured as I have become more knowledgeable through reading publications like *The Mineralogical Record*, attending major mineral shows, viewing other fine collections, and most importantly through the mentoring provided by many like-minded friends and mineral dealers. I have particularly enjoyed my association with both the MAD and HAMS groups for the stimulating mix of camaraderie and the friendly competition for fine specimens. I currently collect aesthetic small to large cabinet-sized specimens of well crystallized species from worldwide localities. I am joined and enthusiastically supported in this endeavor by my wife Rosemary.



Pyromorphite (arsenic-rich), 10 cm, Bunker Hill mine, Kellogg, Shoshone County, Idaho. Joe Budd photo.



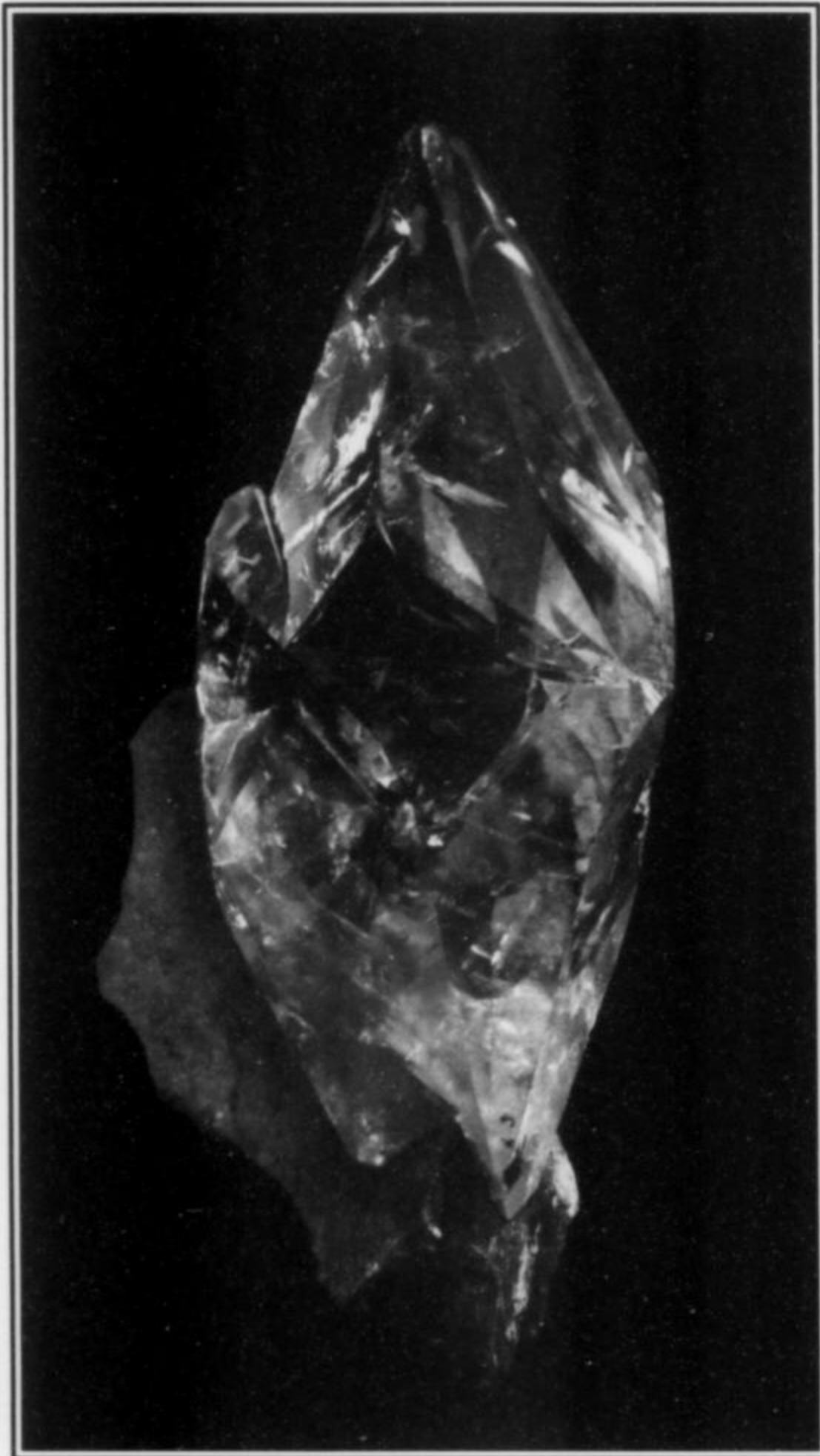
Rhodochrosite, 11 cm, Porcelain pocket, Sweet Home mine, Alma, Park County, Colorado. Joe Budd photo.



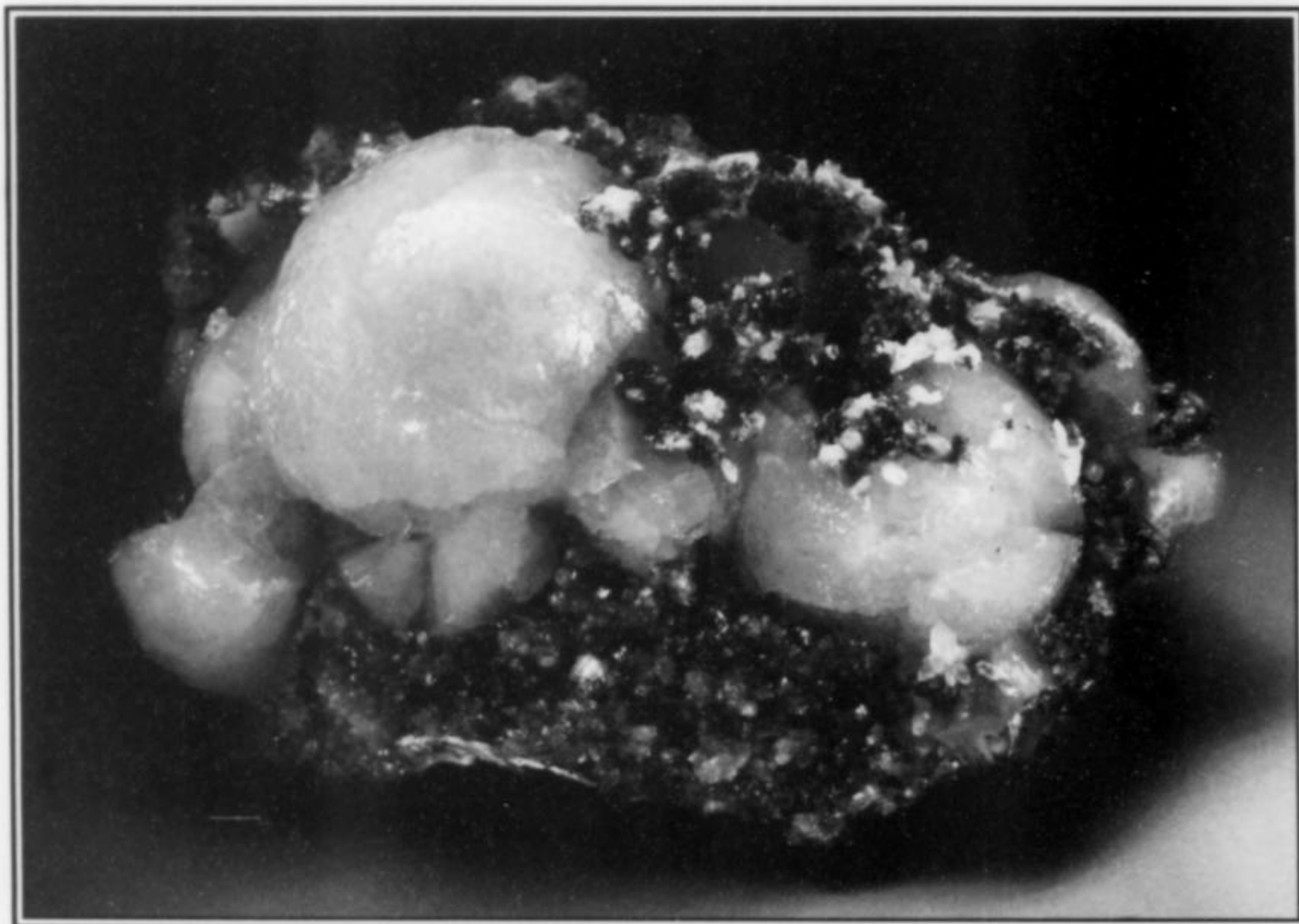
Amazonite (microcline) and smoky quartz, 19 cm, Smoky Hawk mine, Majestic pocket, Lake George, Park County, Colorado. Joe Budd photo.



Adamite, 9 cm, Ojuela mine, Mapimí,
Durango, Mexico. Joe Budd photo.

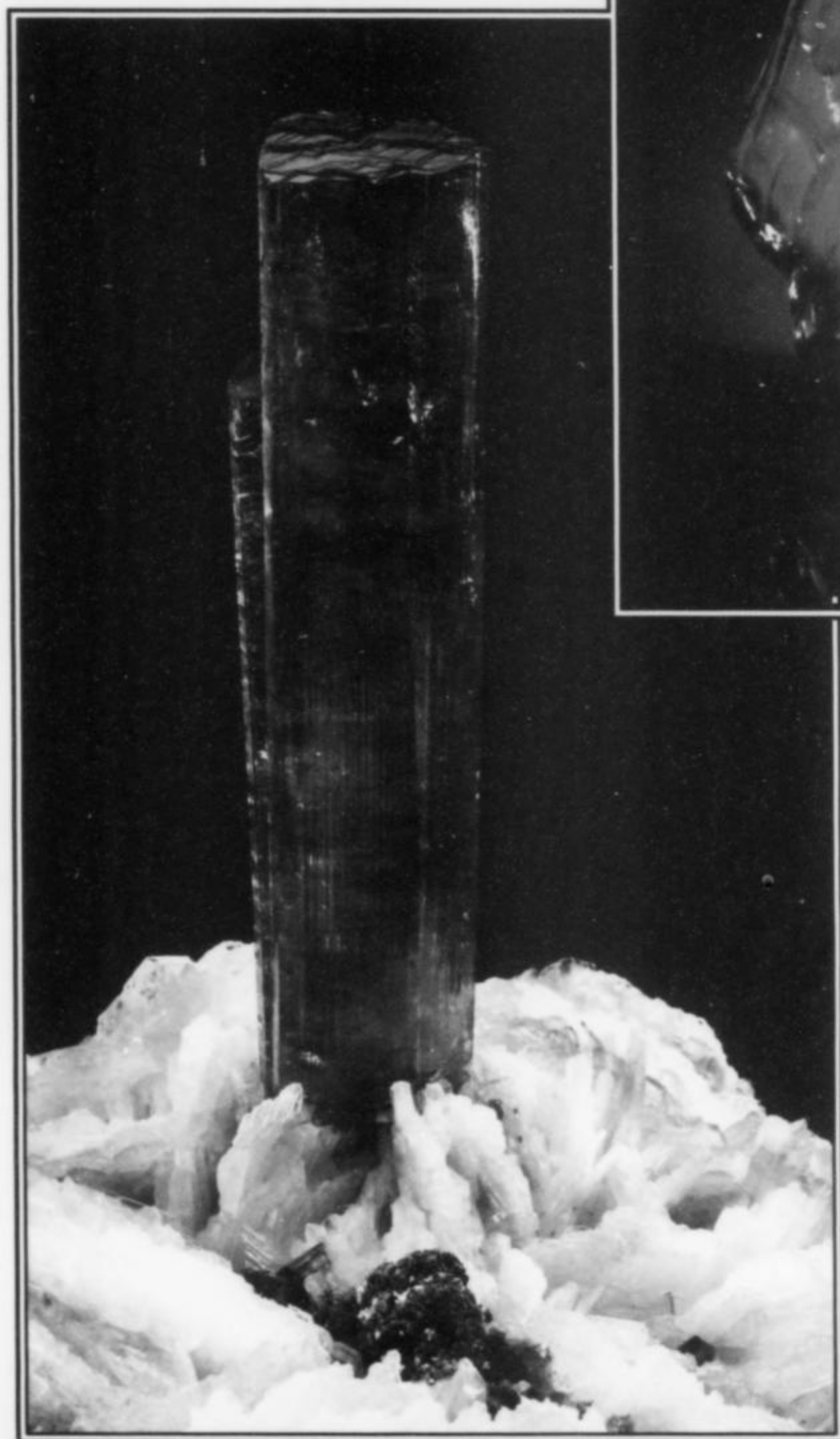
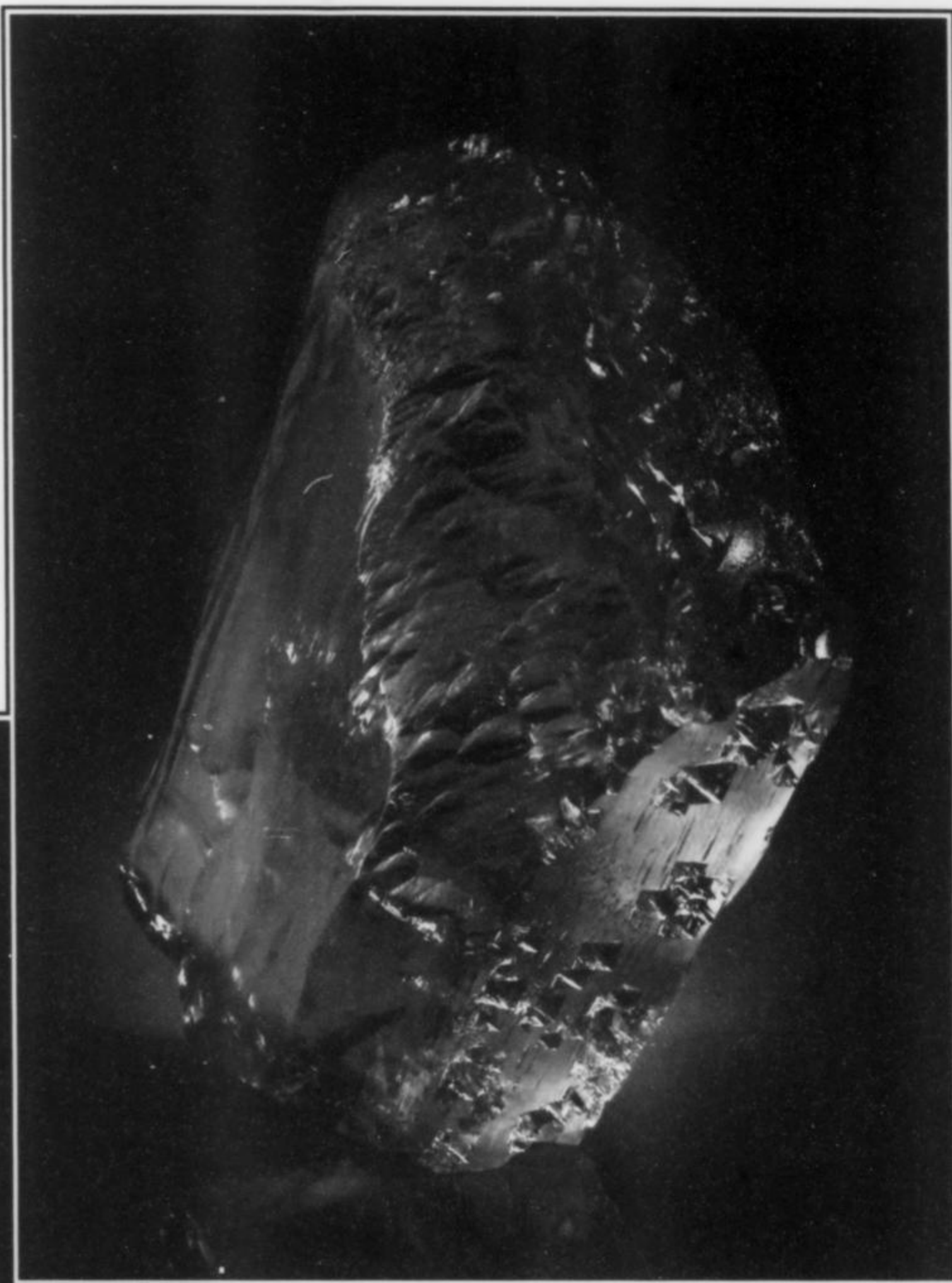


Calcite, 7 cm, Elmwood mine, Carthage, Smith County,
Tennessee. Published in the *American Mineral Treasures*
Calendar 2008. Ex Consie Prince collection. Joe Budd photo.



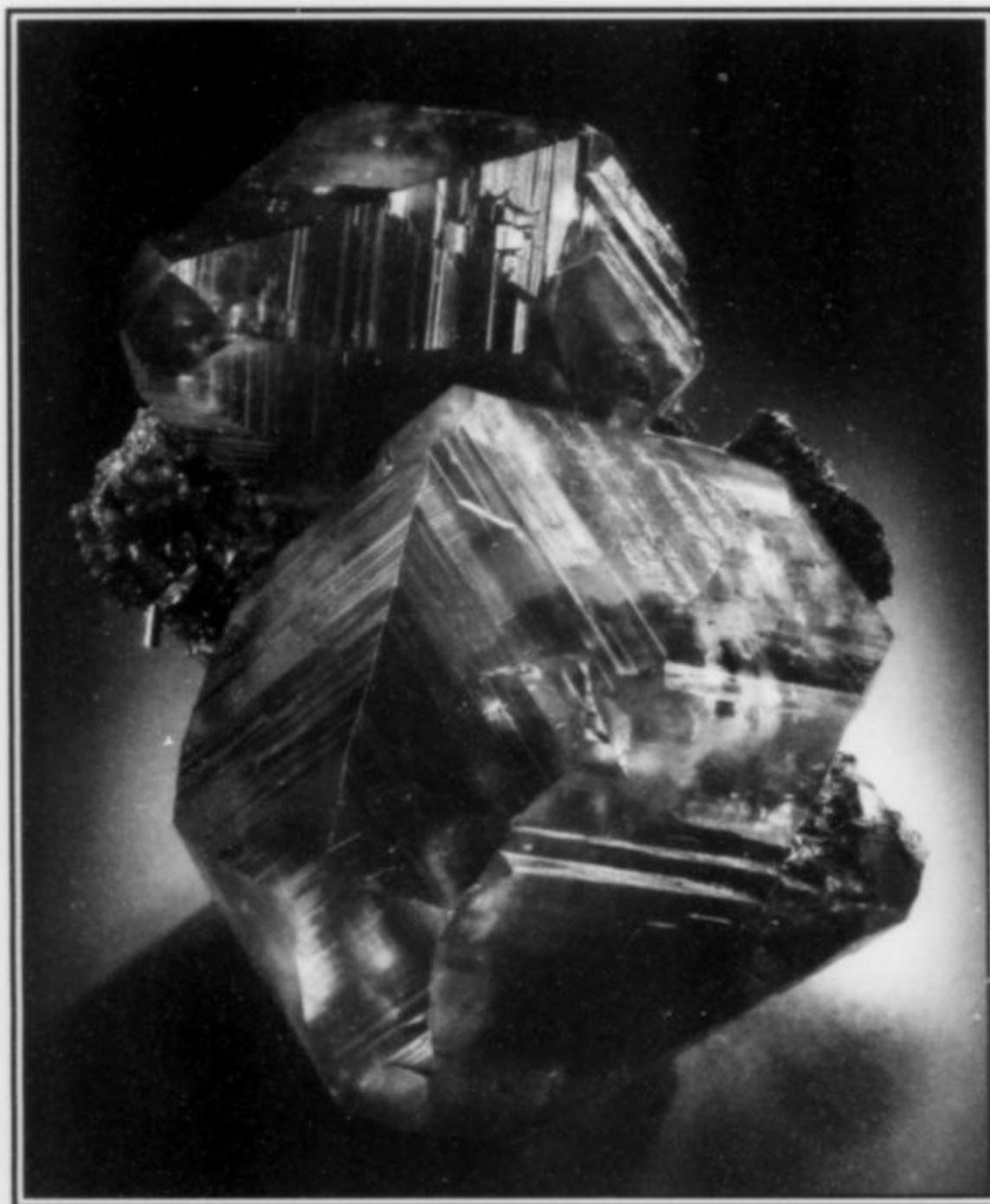
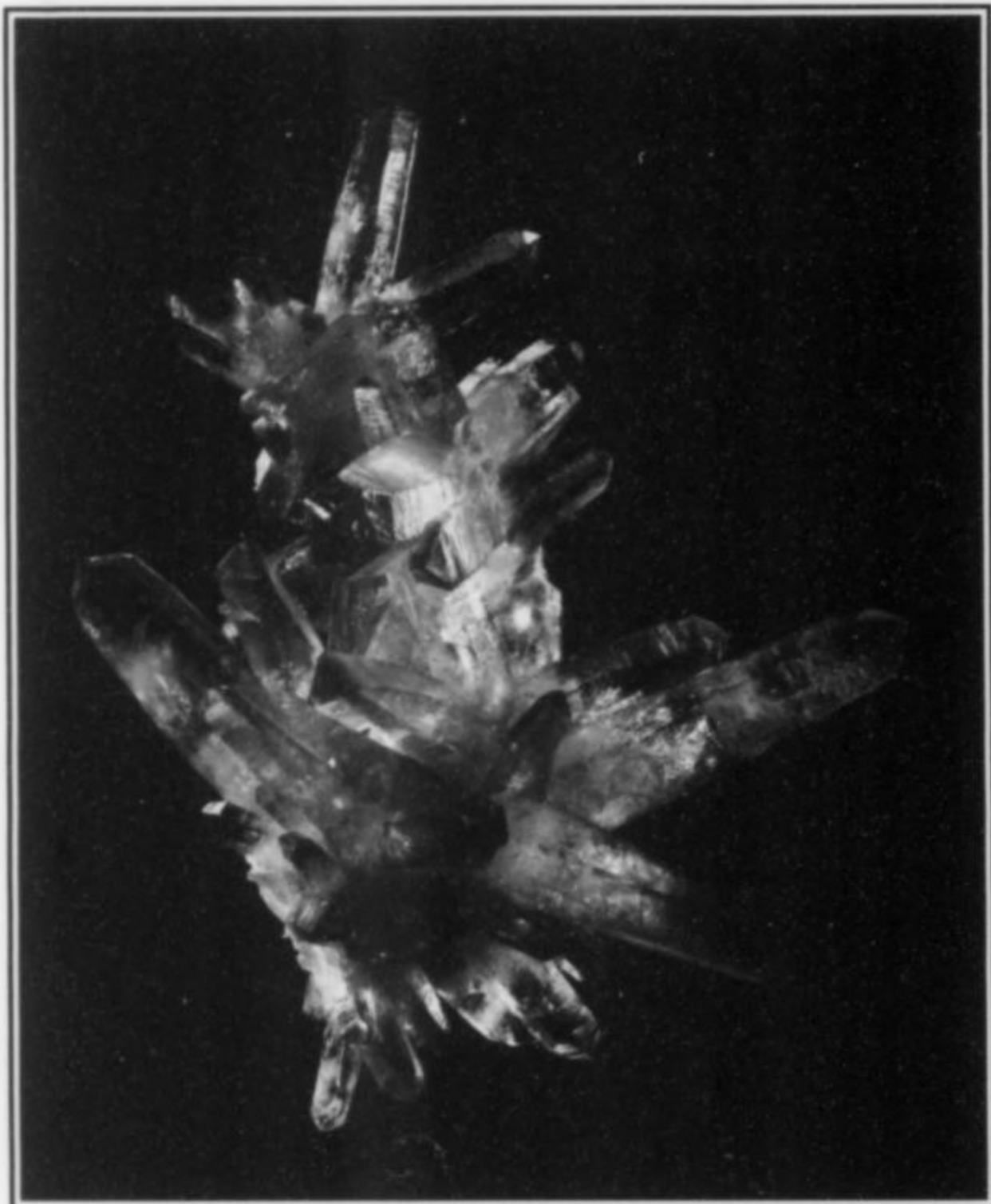
Stellerite with celadonite and
stilbite, 14.5 cm, Pashan,
Pune district, Maharashtra,
India. Ex Hemant Merchant
collection. Joe Budd photo.

**Kunzite spodumene, 8.25 cm, Urucum mine,
Córrego de Urucum, Galiléia, Doce River
Valley, Minas Gerais, Brazil.
Joe Budd photo.**

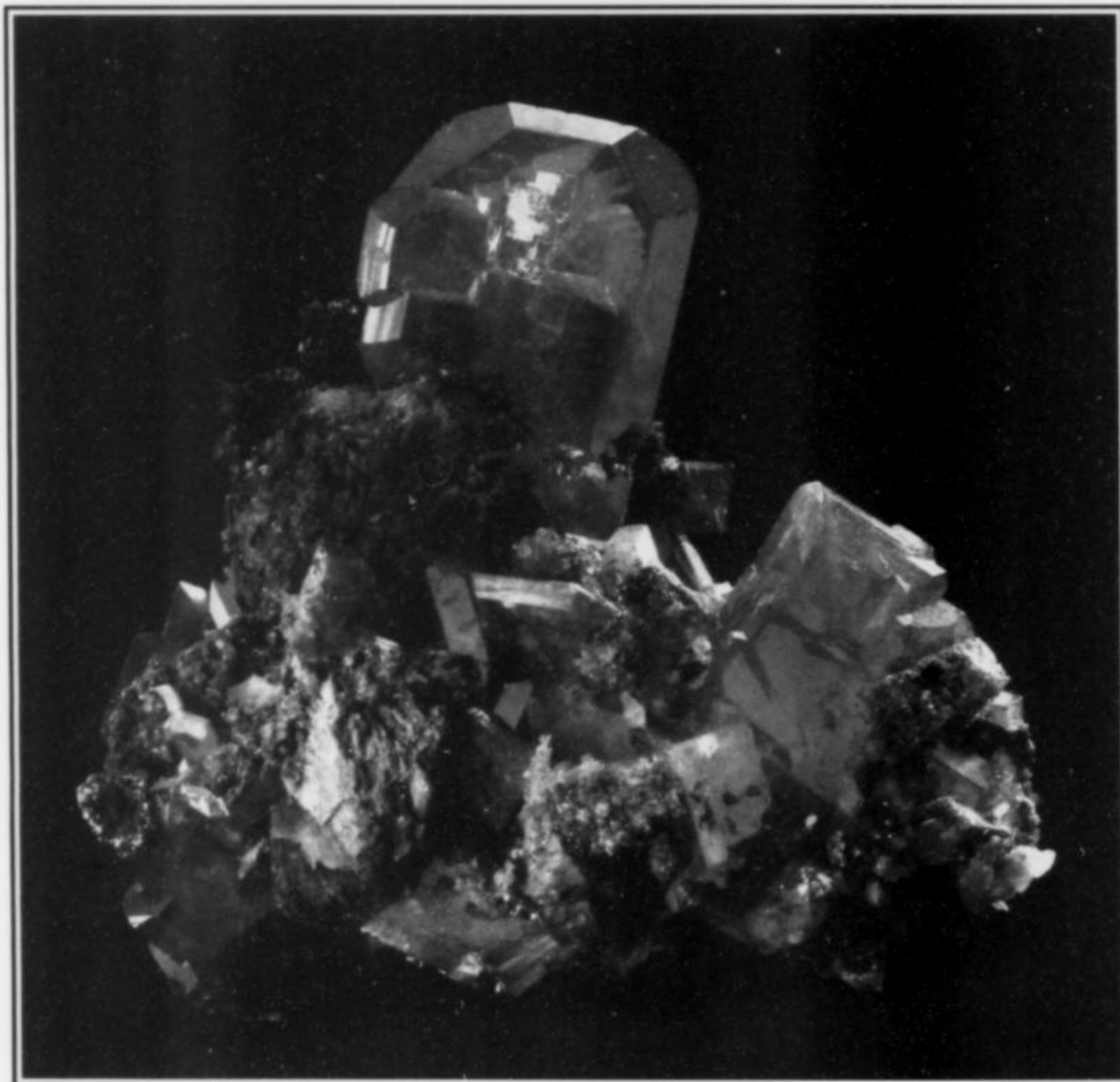


**Elbaite, 9 cm, Pederneira mine,
São José da Safira, Minas Gerais,
Brazil. Joe Budd photo.**

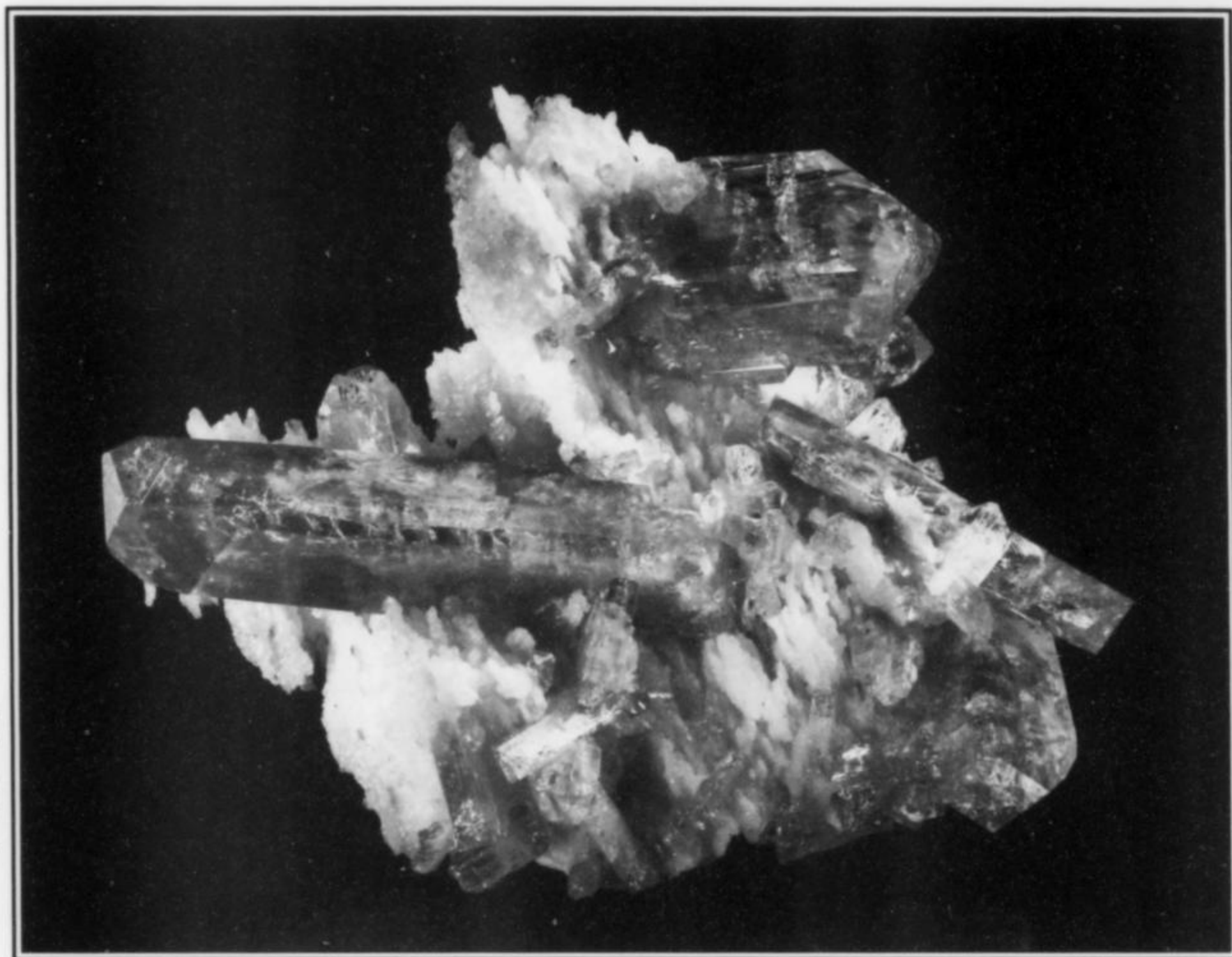
Amethystine quartz, 16 cm, Las Vigas, Veracruz, Mexico. Ex Stuart Strife collection. Joe Budd photo.



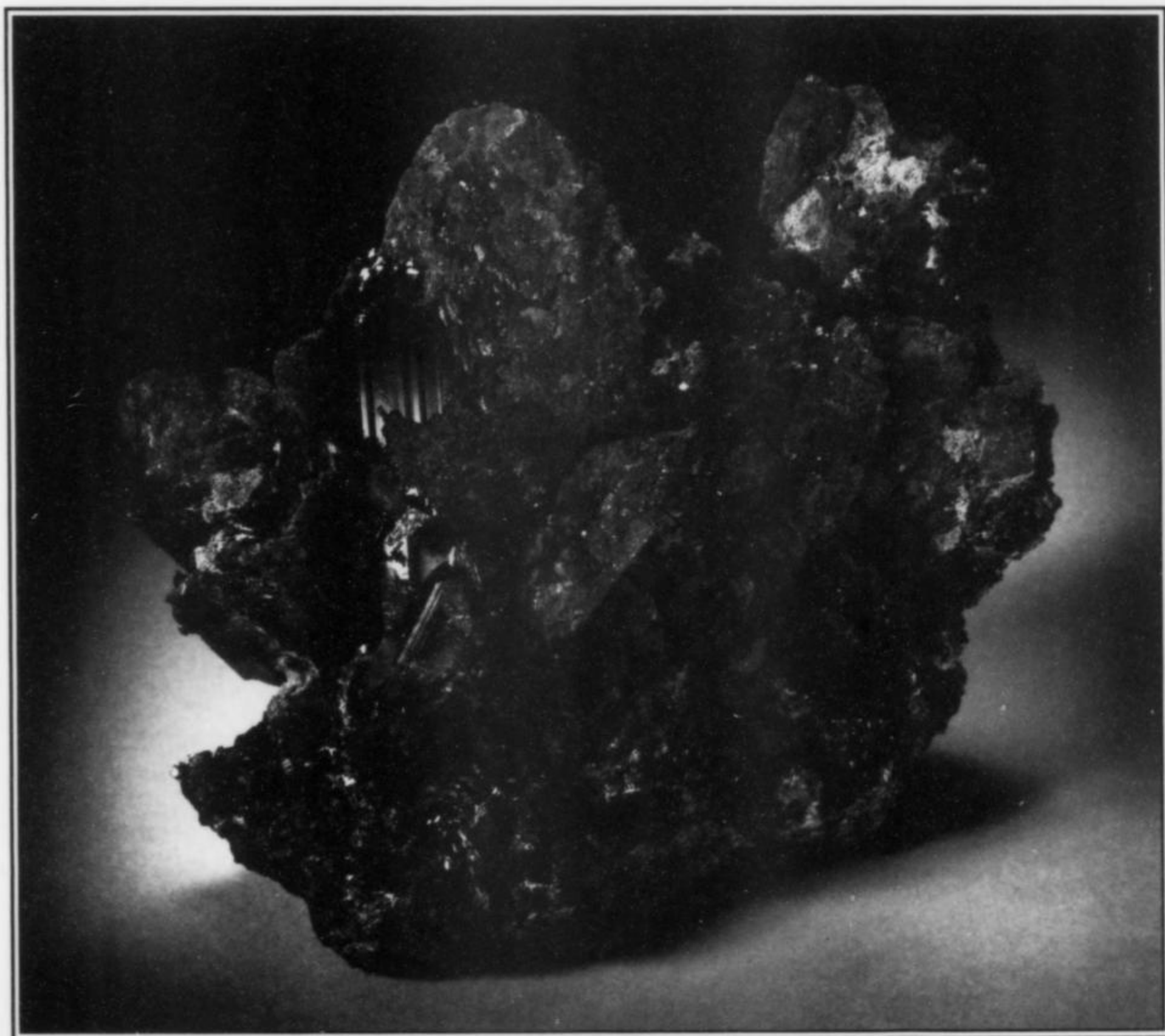
Calcite on stibnite, 13 cm, Dachang mine, Nandan, Hechi Prefecture, Guangxi Zhuang Autonomous Region, China. Joe Budd photo.



Wulfenite, 3.5 cm, Red Cloud mine, La Paz County, Arizona. Joe Budd photo.

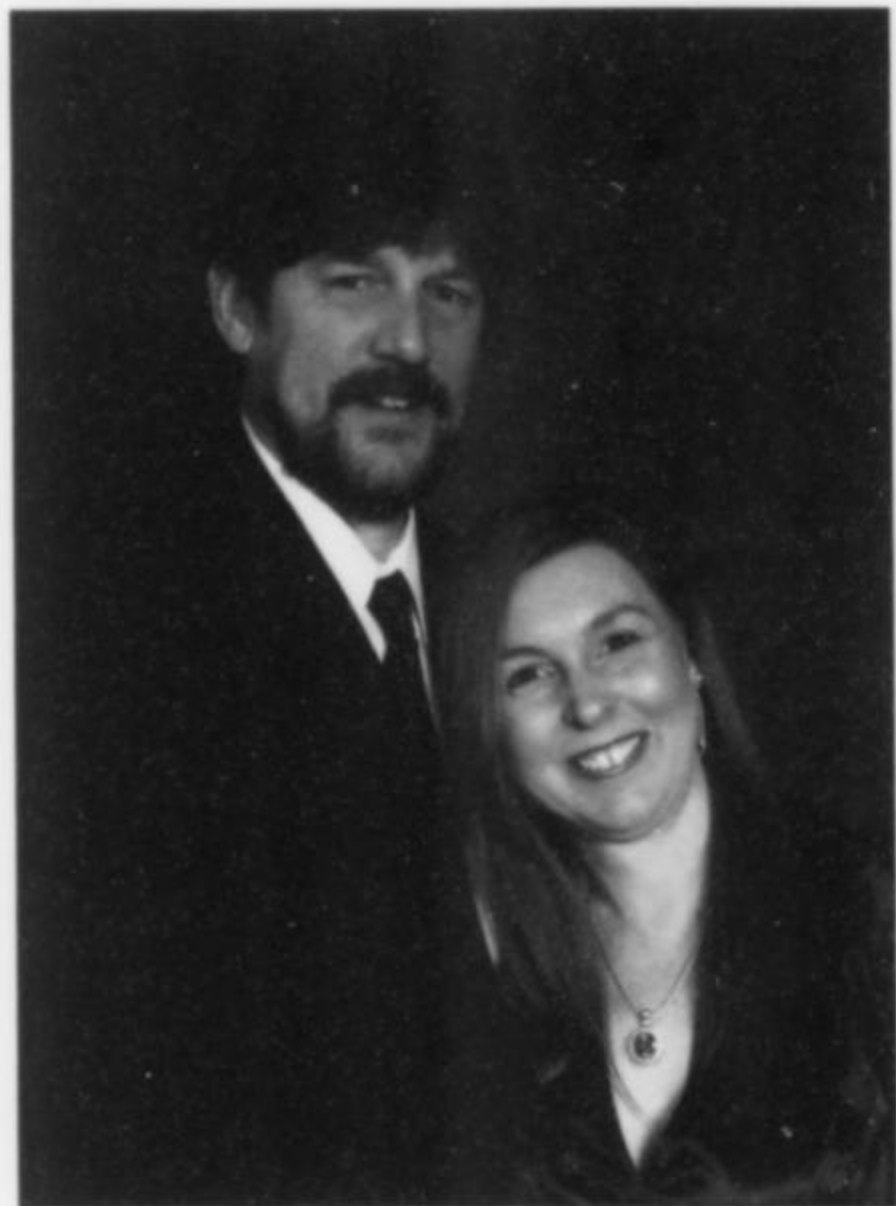


**Brazilianite on albite,
9.5 cm, Marcel Telirio
mine, near Linópolis,
Minas Gerais, Brazil.
Joe Budd photo.**



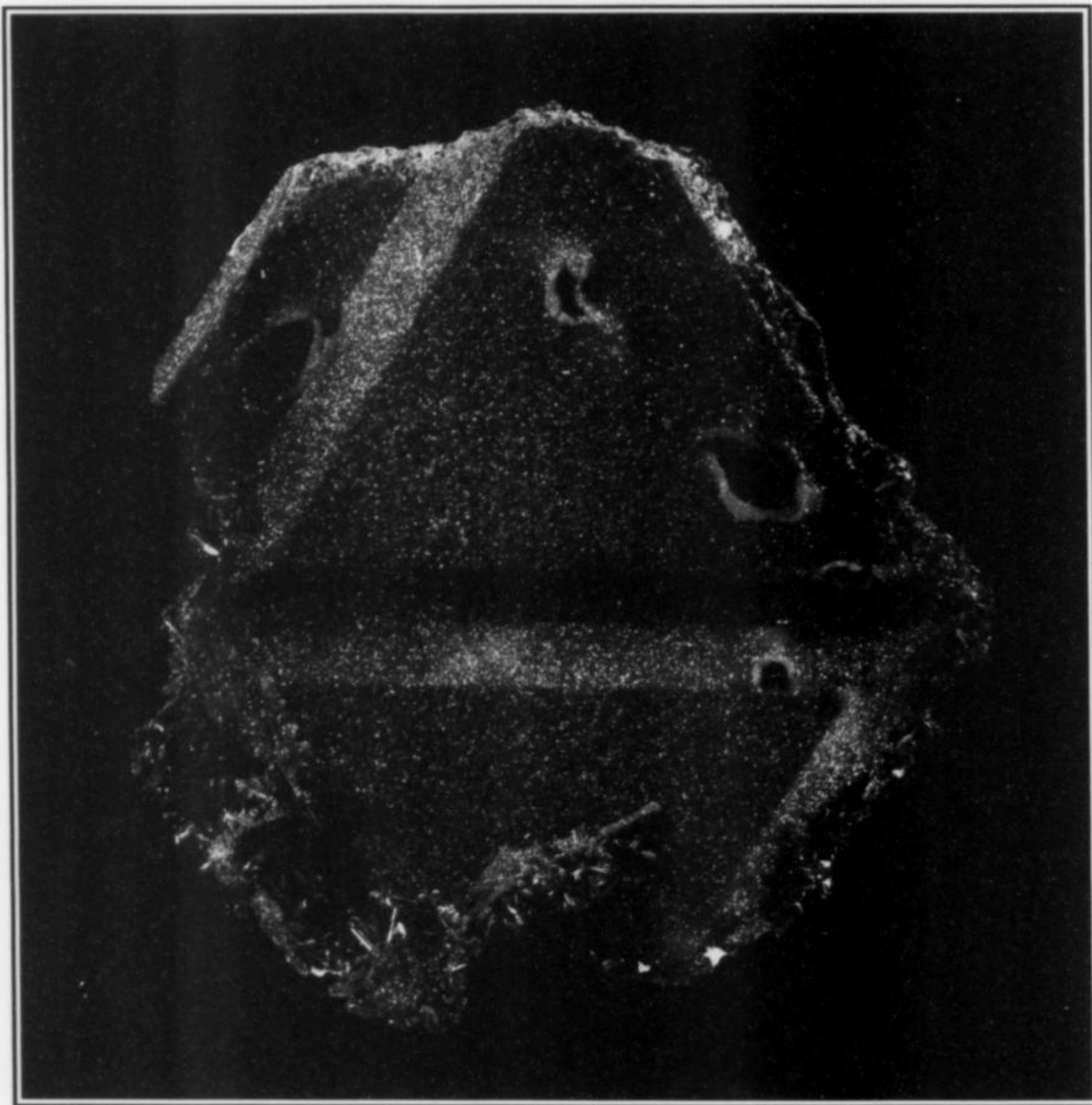
**Azurite and malachite,
11 cm, Tsumeb mine,
Tsumeb, Namibia.
Joe Budd photo.**

Stretch & Lynn Young

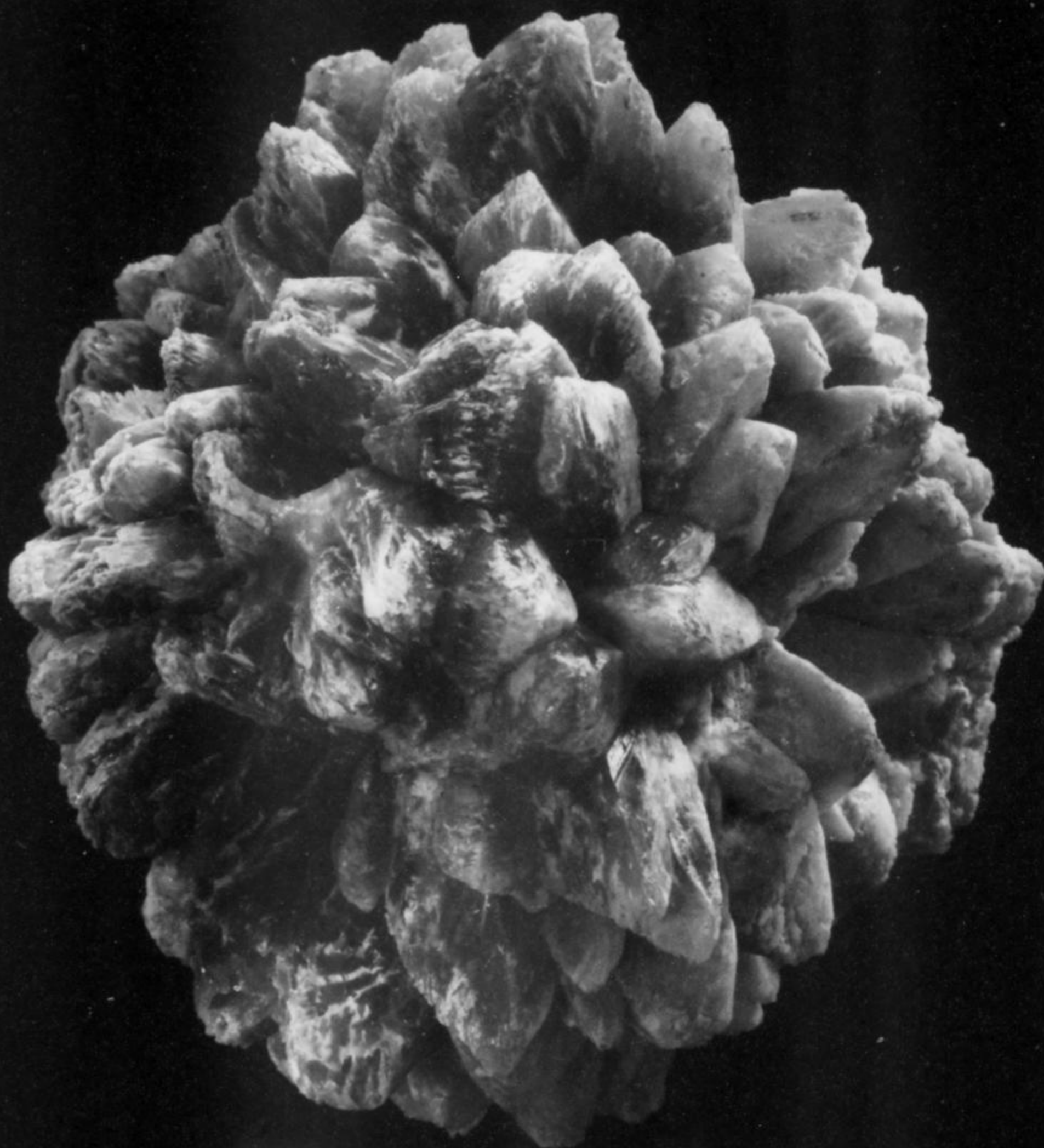


I first started collecting with my grandmother McNamara on mine dumps in the Rocky Mountains near Fairplay, Colorado, when I was about eight years old. My wife, Lynn, first started collecting when she married me and my hobby—yes, I and my rocks came as a set. Pseudomorphs are our specialty and greatest passion, but we have a variety of interests. Some of our other specialties include tungstates, quartz, garnets, thumbnails, synthetic minerals, cat's eye gemstones, rare gemstones and mining artifacts. We are proud members of the Austin Gem and Mineral Society and the Mineral Association of Dallas (MAD).

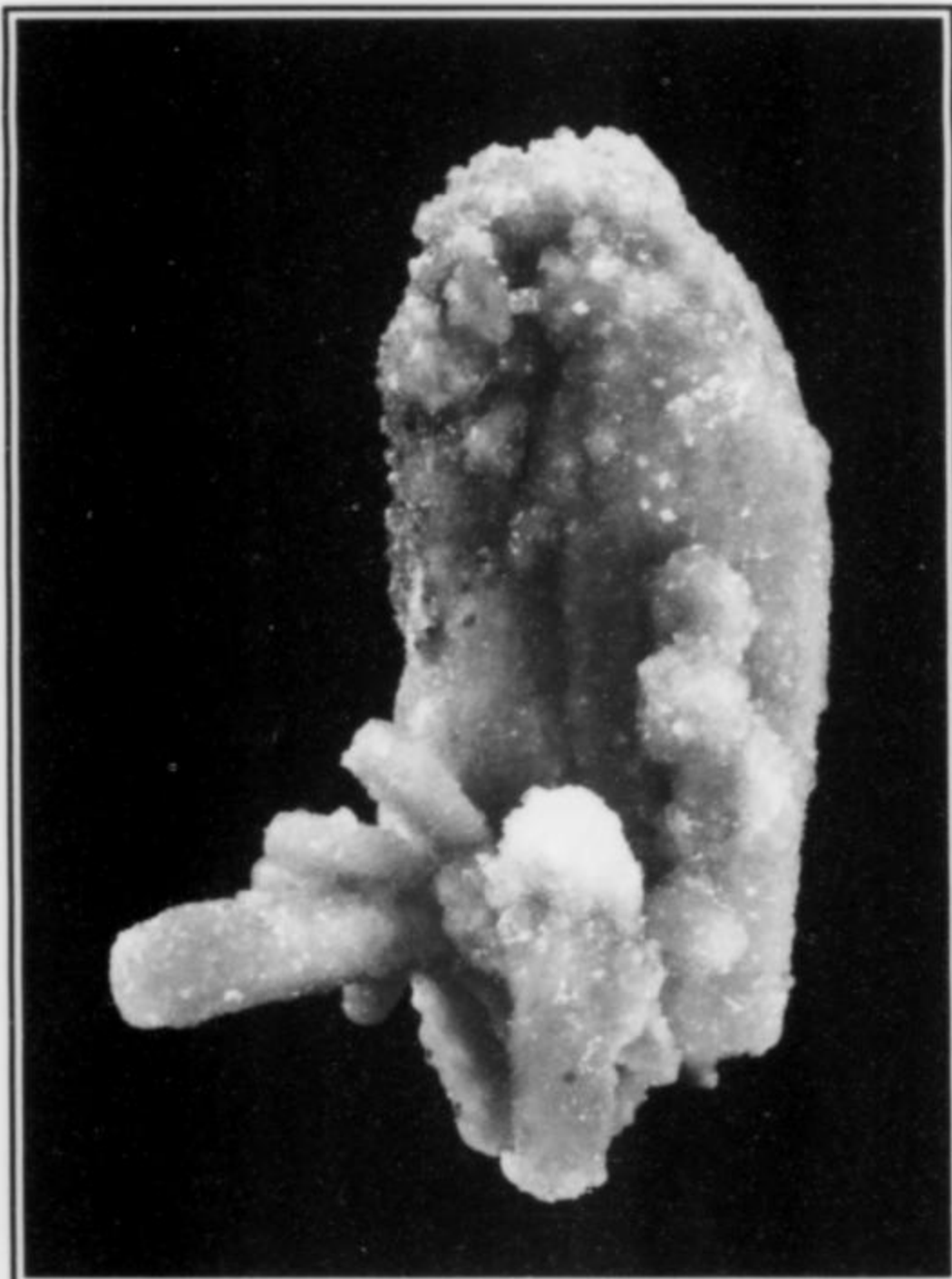
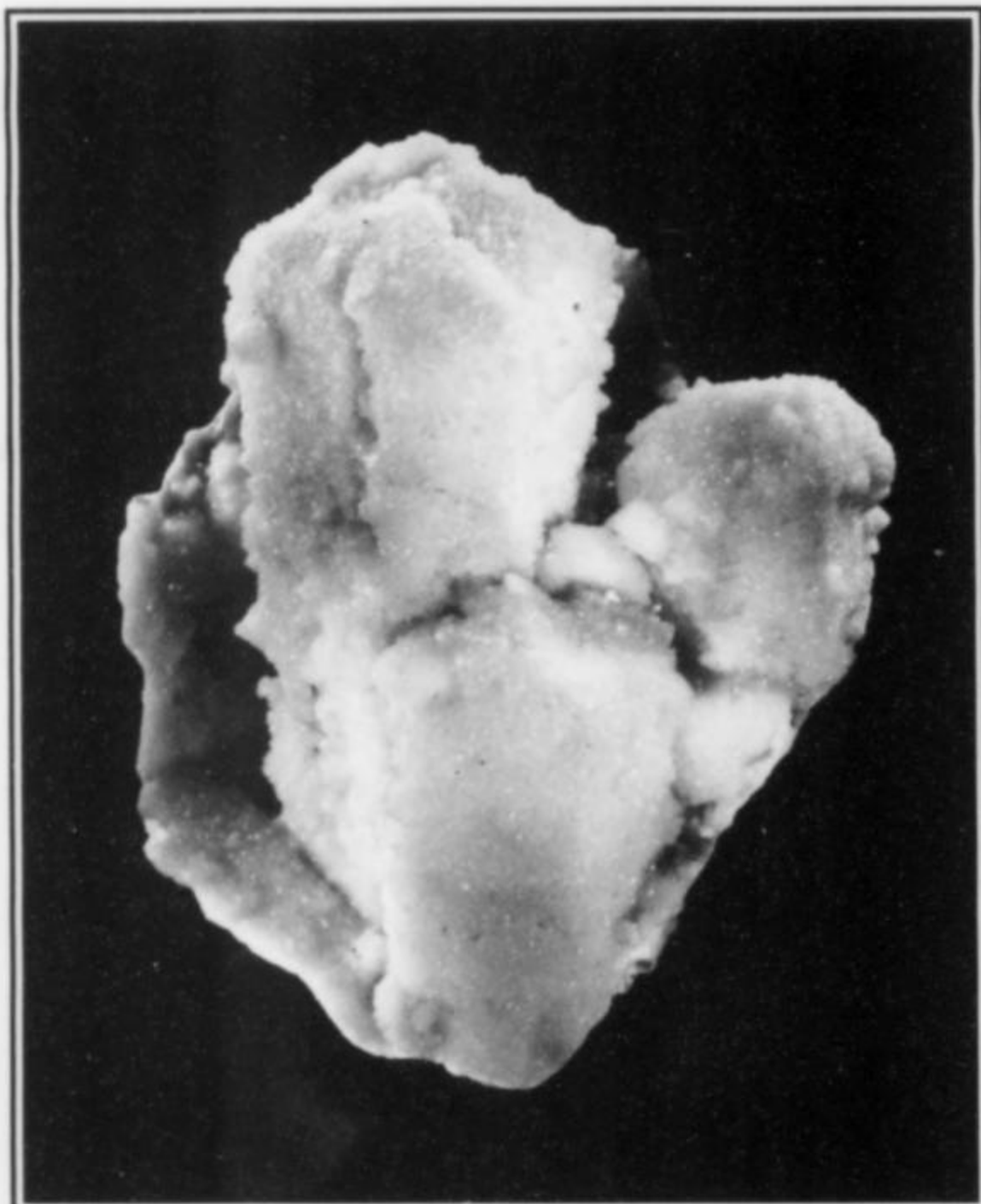
We recently began exhibiting our pseudomorphs and were thrilled when our main case won First Place and Best in Show, and our Educational case also won 1st Place at the 2008 Tucson Gem and Mineral Show. We followed up with two First Place wins again at the American Federation of Mineralogical Society's national competition in September of 2008. We hope you enjoy the following part of our collection as much we do.



Andradite after rhodochrosite, 8.9 cm, N'Chwaning II mine, Northern Cape Province, South Africa. Crystals of gaudefroyite to 2 mm sprinkle the outer edge. Joe Budd photo.



Opal after ikaite (opal "pineapple"), 9.8 cm, White Cliffs,
Yungnulgra County, New South Wales, Australia. Joe Budd photo.



Smithsonite after azurite (*above*),
5.8 cm, Tsumeb mine, Tsumeb,
Namibia. Joe Budd photo.

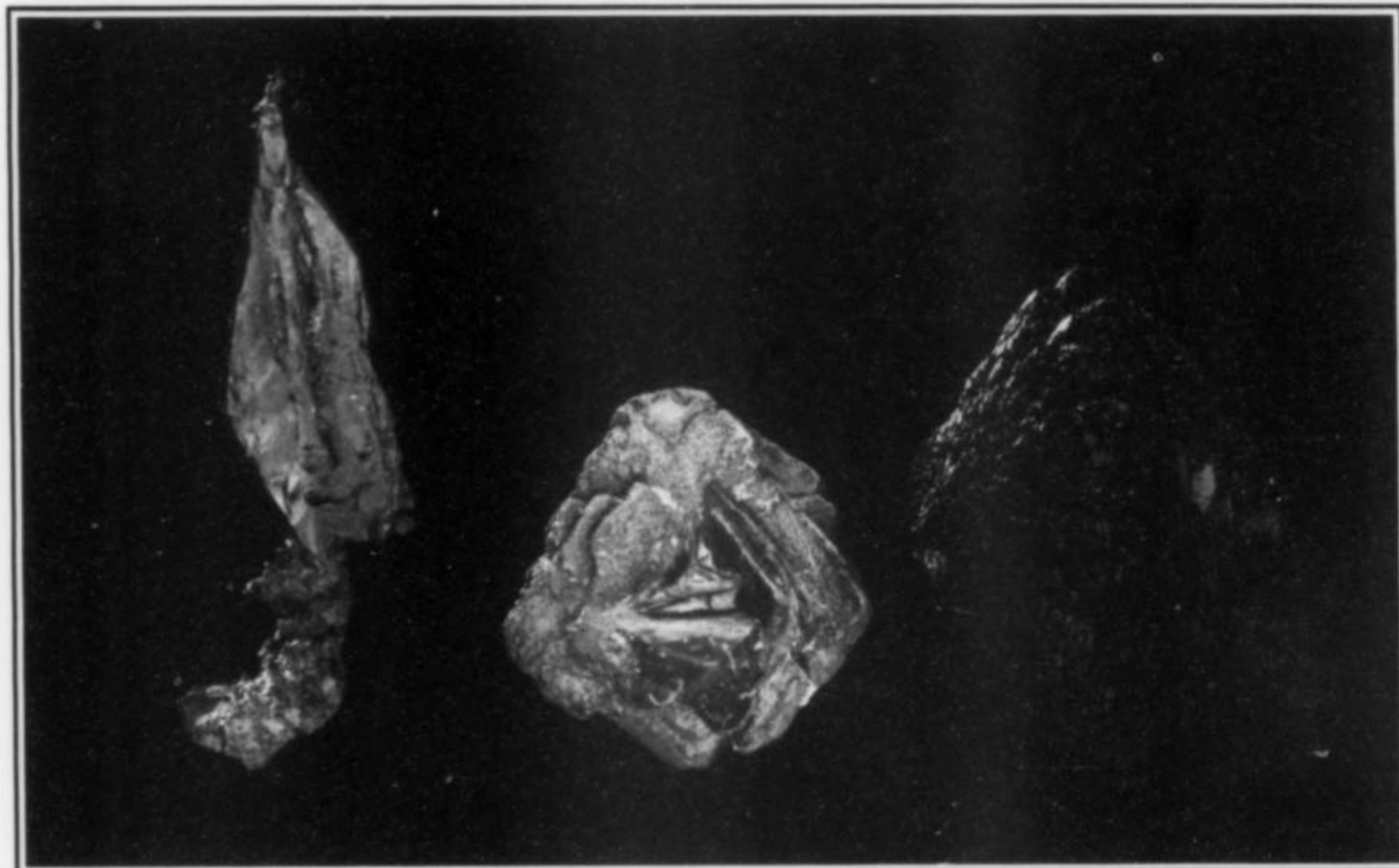


Smithsonite after aragonite (*above
left*), 10.5 cm, Tsumeb mine, Tsumeb,
Namibia. Joe Budd photo.

Siderite after apatite-(CaF), 5.5 cm,
Panasqueira mines, Panasqueira,
Castelo Branco district, Portugal. Joe
Budd photo.

Educational Pseudomorph Sets

The pseudomorph is in the center of each set; the specimen on the left represents the replacement species, and the specimen on the right represents the original species.



Copper (*left*), 4.4 cm, Ray mine, Pinal County, Arizona.

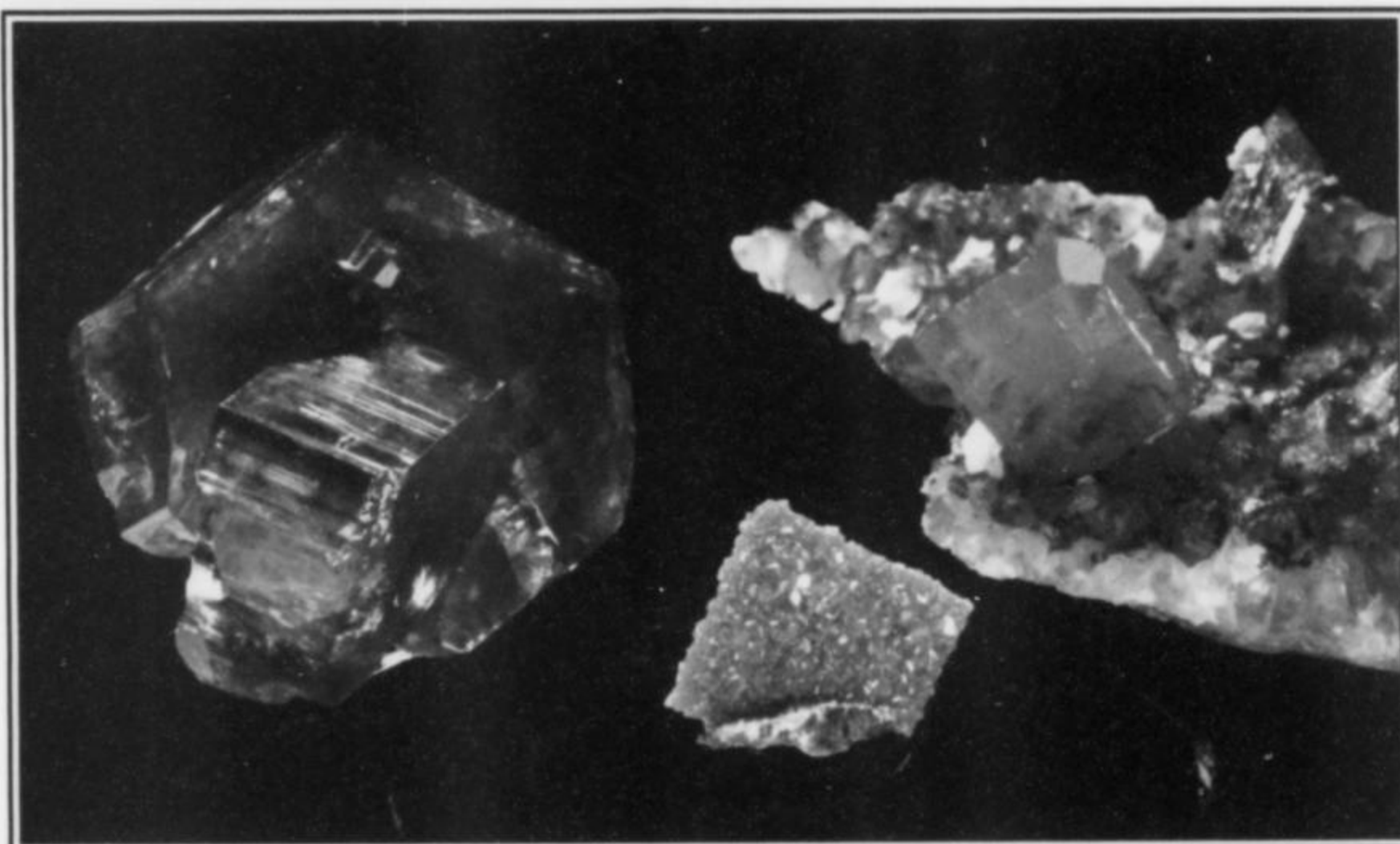
Copper after azurite (*center*), 2.4 cm, Rose mine, Grant County, New Mexico.

Azurite (*right*), 3 cm, Morenci mine, Greenlee County, Arizona. Joe Budd photo.

Vanadinite (*left*), 2.6 cm, ACF mine, Mibladen, Oujda, Morocco.

Vanadinite after wulfenite (*center*), 1.1 cm, Rowley mine, Maricopa County, Arizona.

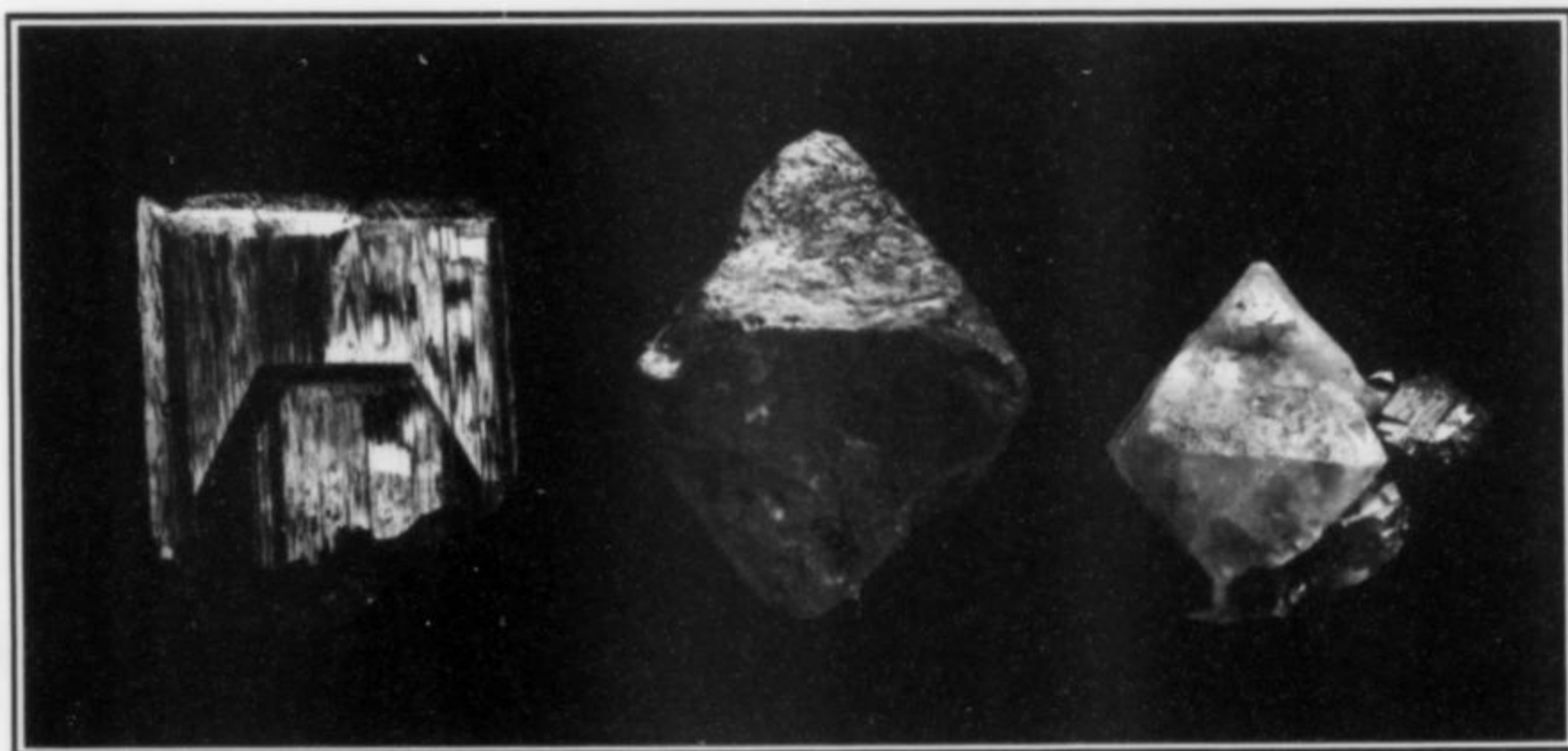
Wulfenite (*right*), 1 cm, Red Cloud mine, La Paz County, Arizona. Joe Budd photo.

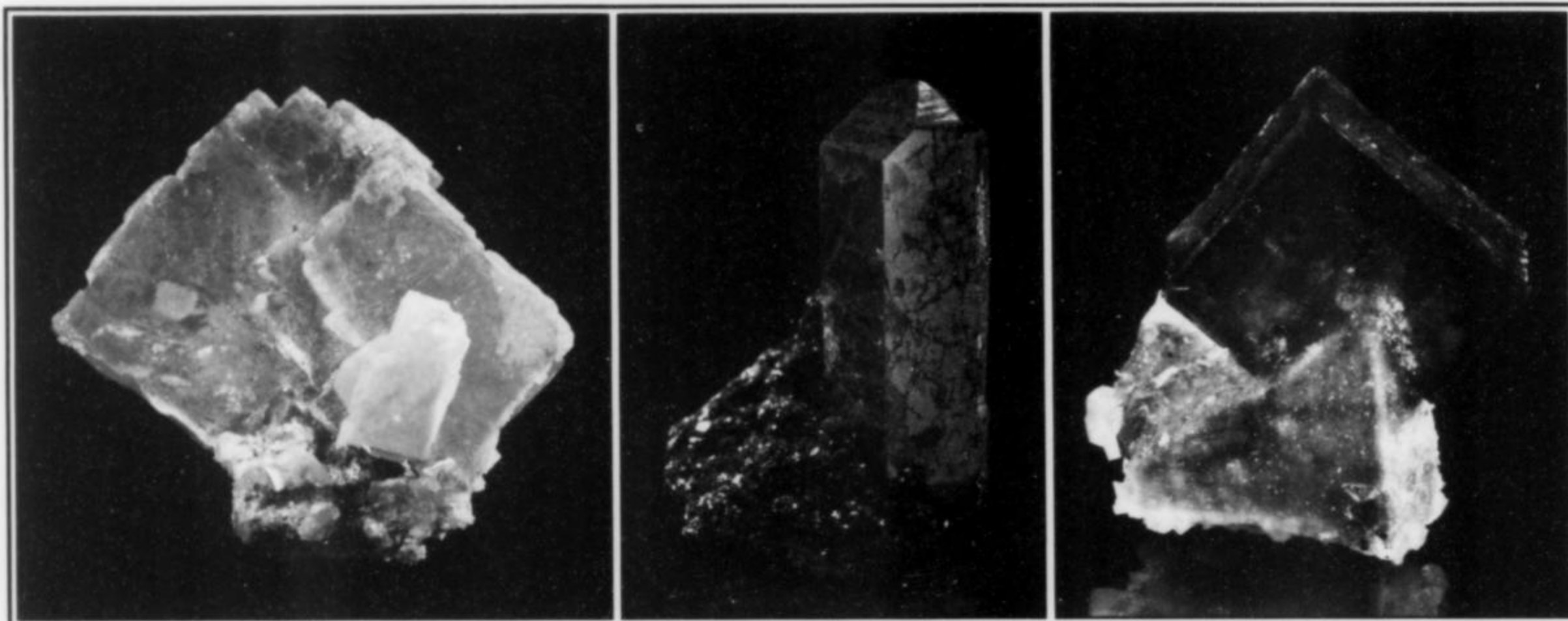


Ferberite (*left*), 4.3 cm, Panasqueira mines, Castelo Branco district, Portugal.

Ferberite after scheelite (*center*), 4.7 cm, Long Hill mine, Trumbull, Fairfield County, Connecticut.

Scheelite (*right*), 3.7 cm, Tenkergin mine, Magadan Oblast, East Siberia, Russia. Joe Budd photo.





Stolzite (*above left*), 3.1 cm, Ste. Lucie mine, St. Leger-de-Peyre, France. Joe Budd photo.

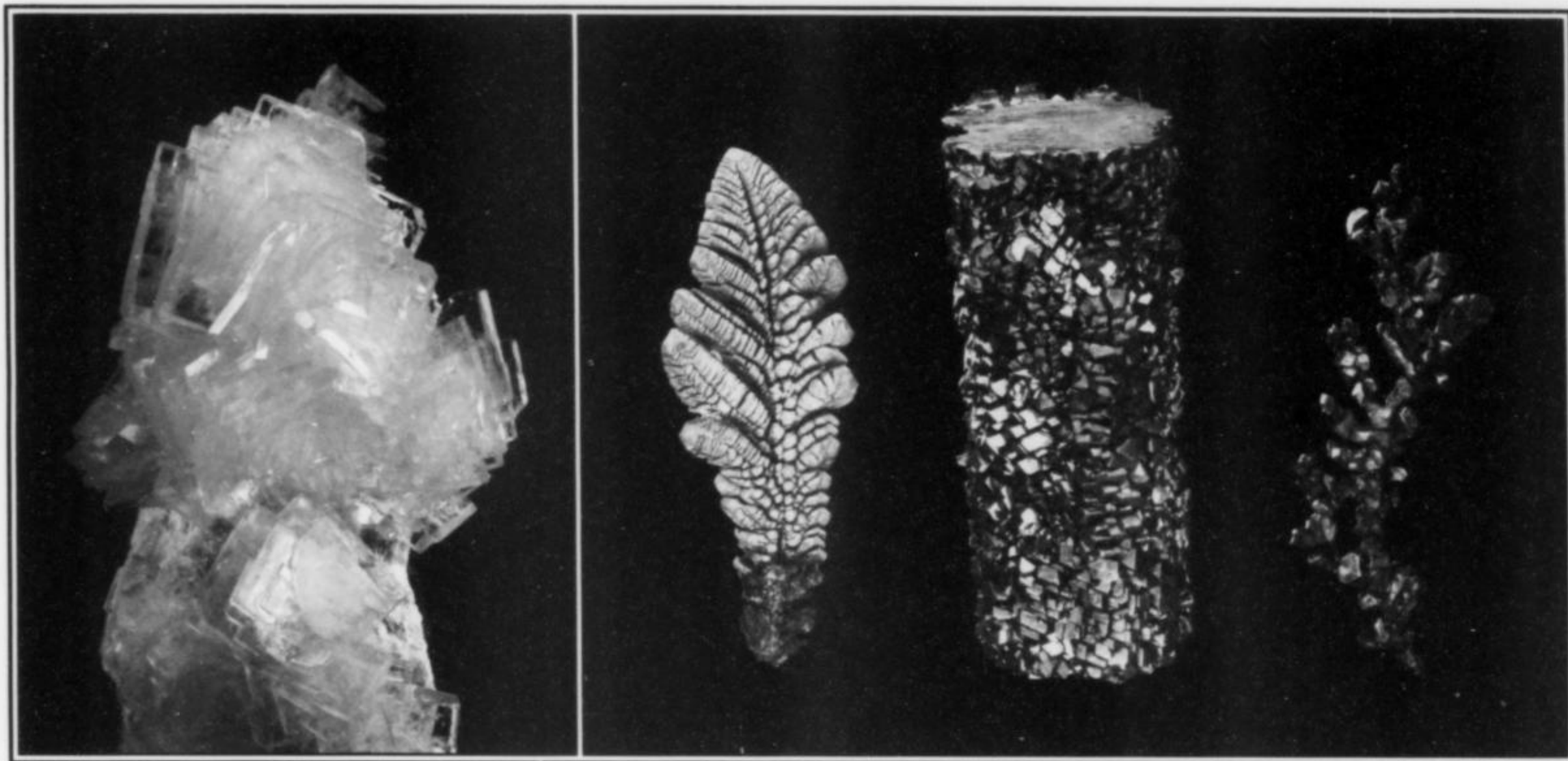
Gaodefroyite (*above center*), 1.9 cm, Black Rock mine, Northern Cape Province, South Africa. Joe Budd photo.

Fluorite (*above right*), 1.2-cm crystal, Elmwood mine, Carthage, Smith County, Tennessee. Joe Budd photo.



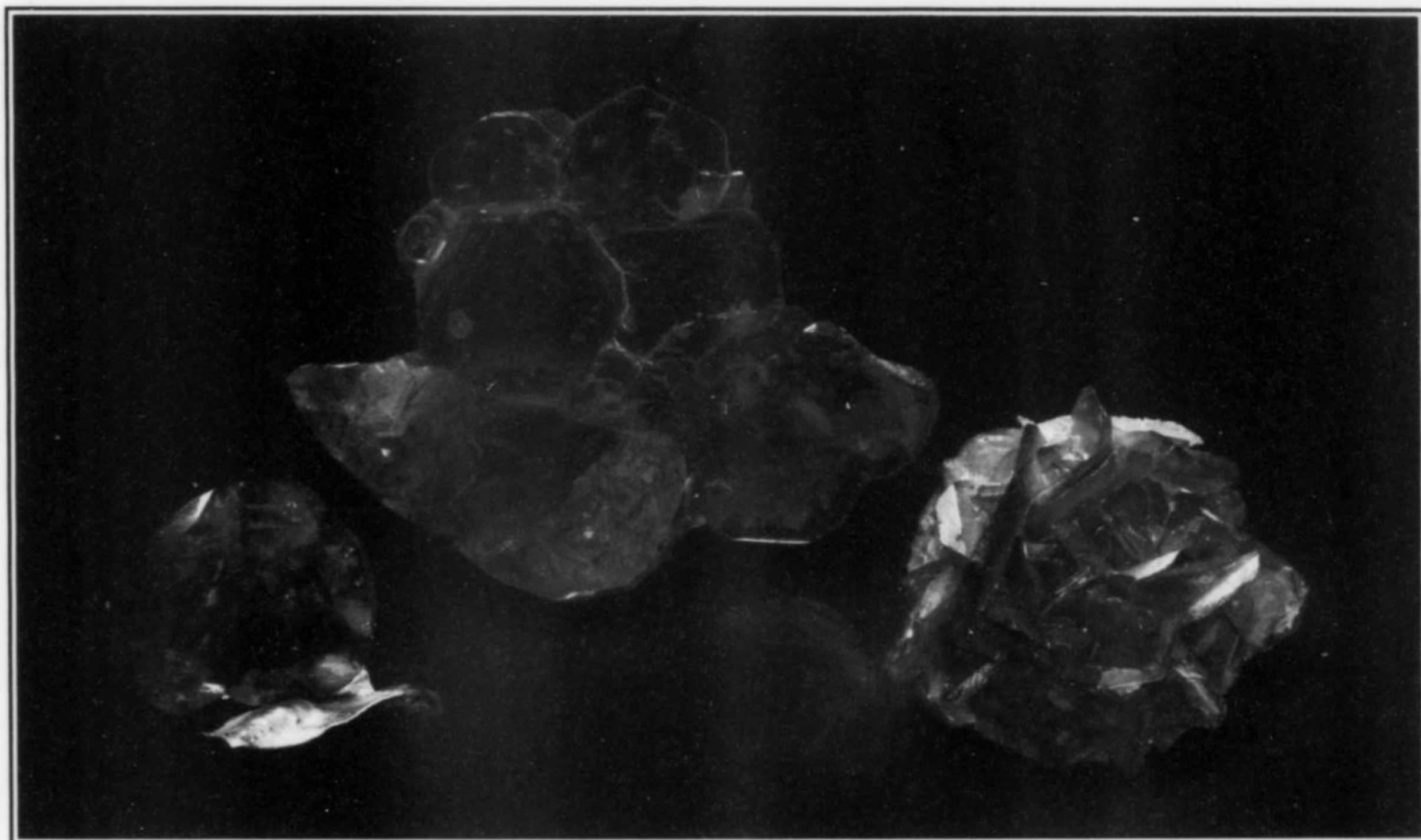
Cerussite "Cat's Eye" cabochon (*left*), 1.2 cm, (8.7 carats) Touissit mine, Oujda, Morocco. Cerussite V-twin (*center*), 4.1 cm, Touissit mine, Oujda, Morocco. Cerussite faceted stone (*right*), 1.9 cm (80 carats), Tsumeb mine, Tsumeb, Namibia. Joe Budd photo.

Synthetics



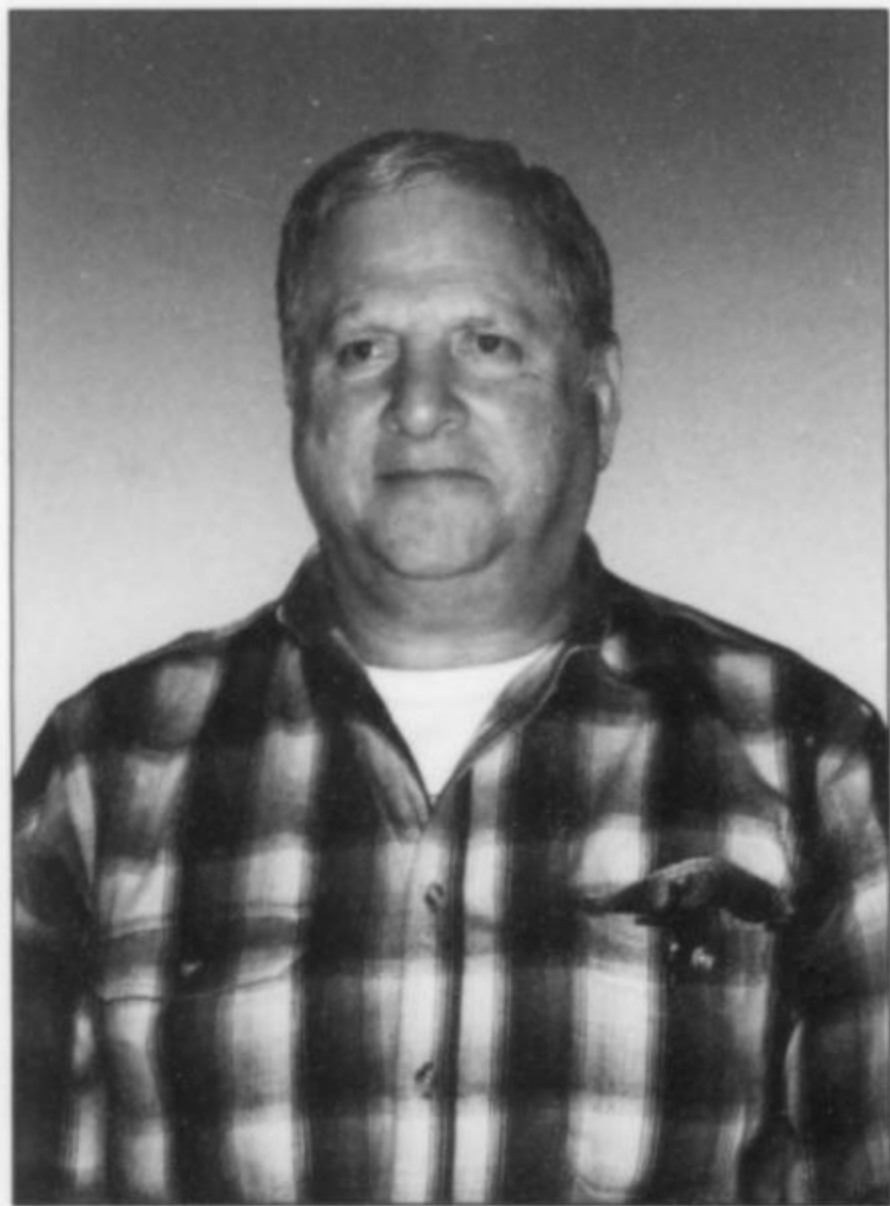
Wulfenite (synthetic), 5.8 cm.
Joe Budd photo.

Magnesium (synthetic) (*left*), 4.8 cm.
Titanium (synthetic) (*center*), 5.1 cm.
Silver (synthetic) (*right*), 4.5 cm. Joe Budd photo.



Synthetic corundum grown by the flux method: (left) Chatham ruby on platinum sheet, 2.5 cm, Chatham Inc.; (center) Ramaura ruby, 6.2 cm, J.O. Crystal Company; (right) Kashan ruby, 4.0 cm, Ardon Associates Inc. Joe Budd photo.

Marty Zinn



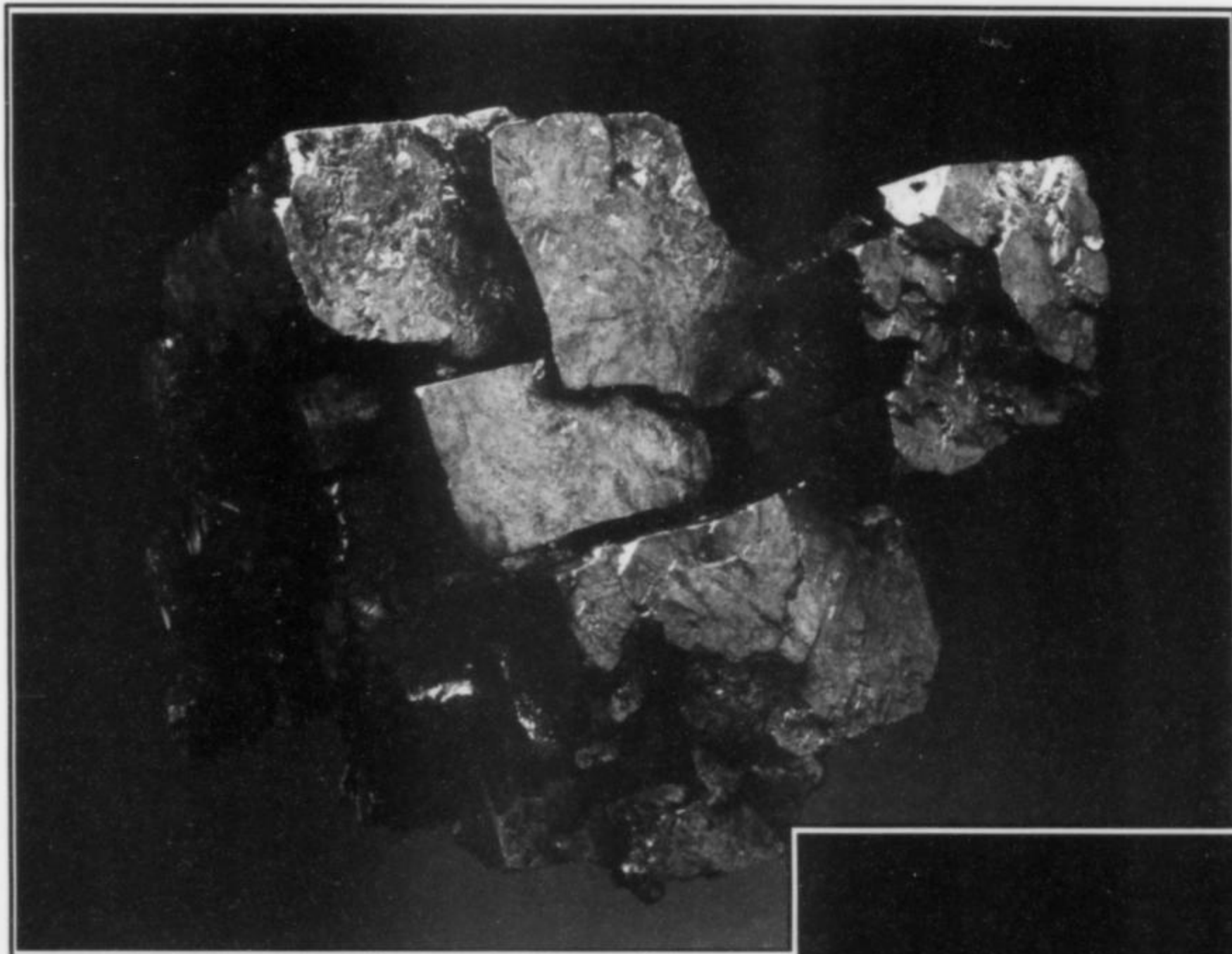
My lifelong interest in mineral collecting began with work on a geology merit badge in the Boy Scouts, doing cutting and polishing of cabs during grade school, field collecting on summer adventure trips, and seeing my parents acquiring mineral specimens during my youth. I've attended many local and foreign mineral shows and have done some field collecting at various localities in Arkansas, Colorado, New Mexico, Arizona, New York, Utah and California.

I have served as President of the Dallas Gem & Mineral Society, I was a founder of the MAD group in Dallas, and I was an investor in the reopening of the famous Sweet Home mine—a very successful venture by Bryan Lees. I am proud to have been able to make major donations of mineral specimens to museums in Colorado, Arizona, Georgia, Massachusetts and New Mexico.

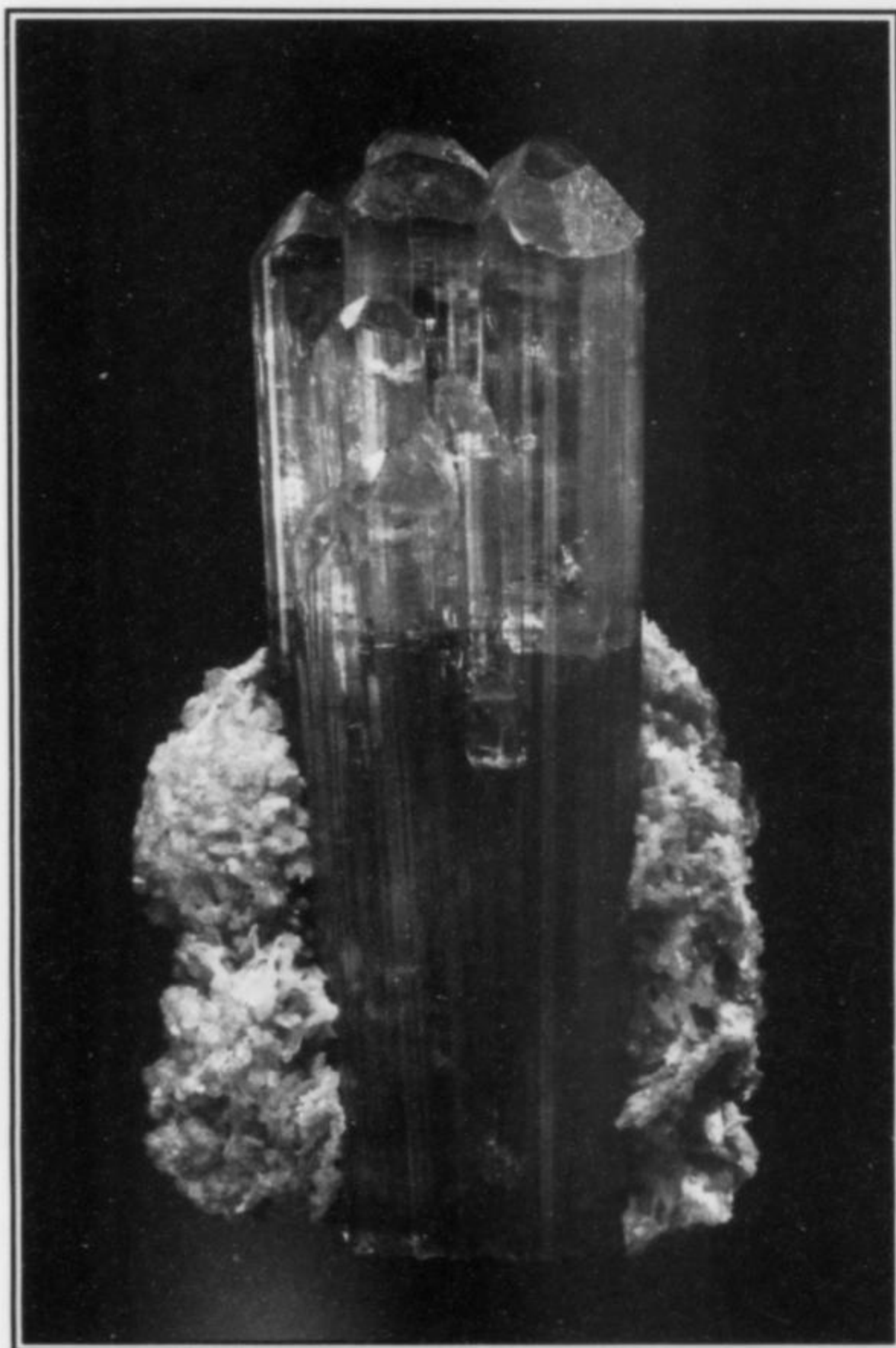
I built a collection of over 4,000 miniature to small cabinet specimens, with an emphasis on beauty and aesthetics rather than rarity. Part of that collection was displayed at the East Coast Gem, Mineral & Fossil Show in West Springfield, Massachusetts, in August, 1999. I sold the first collection in 2005, in order to enjoy a continuation of "the pursuit" which I consider to be the true reason to be a collector. In 1982 I was drafted by other mineral dealers to be a show producer, launching a new career under the name Martin Zinn Expositions, LLC. Special thanks to my mother, Betty Llewellyn, for the introduction to mineral collecting and to life.



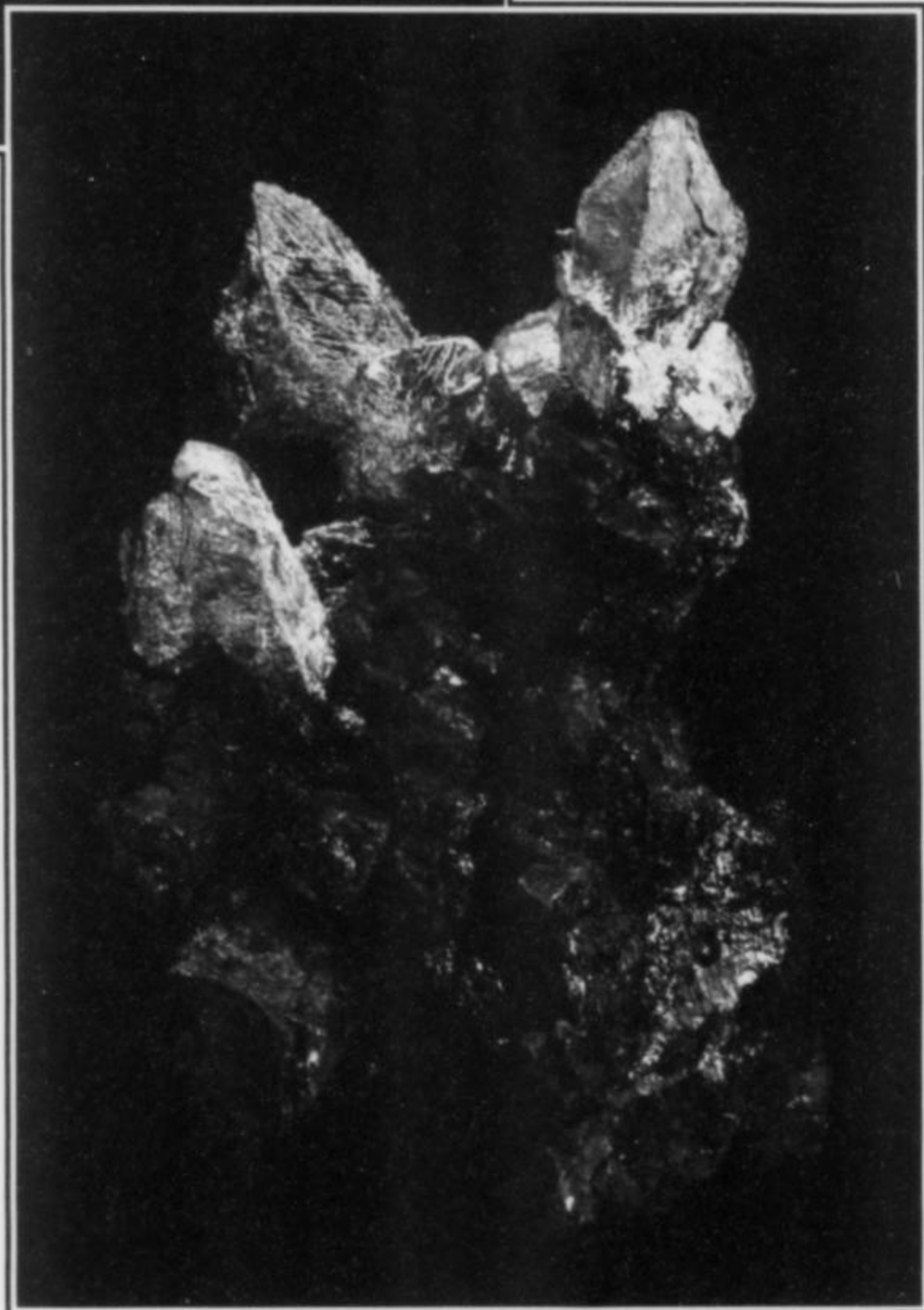
Rhodochrosite, 8.2 cm, Collector's pocket, Sweet Home mine, Alma, Park County, Colorado. Jeff Scovil photo.



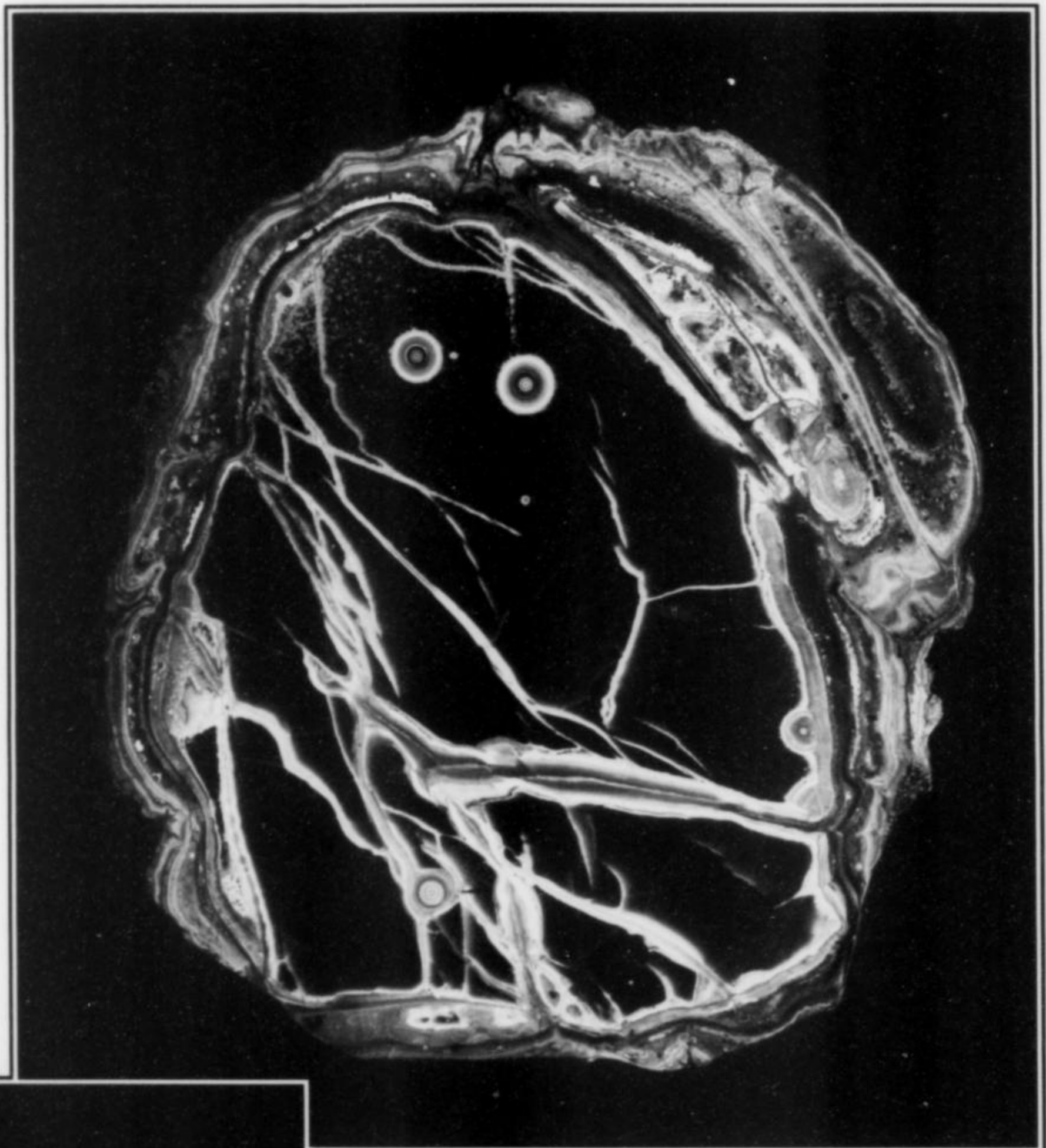
Acanthite, 5.9 cm,
Rayas mine, Guanajuato,
Mexico. Jeff Scovil photo.



Elbaite, 5.4 cm, Golconda mine, Minas
Gerais, Brazil. Jeff Scovil photo.



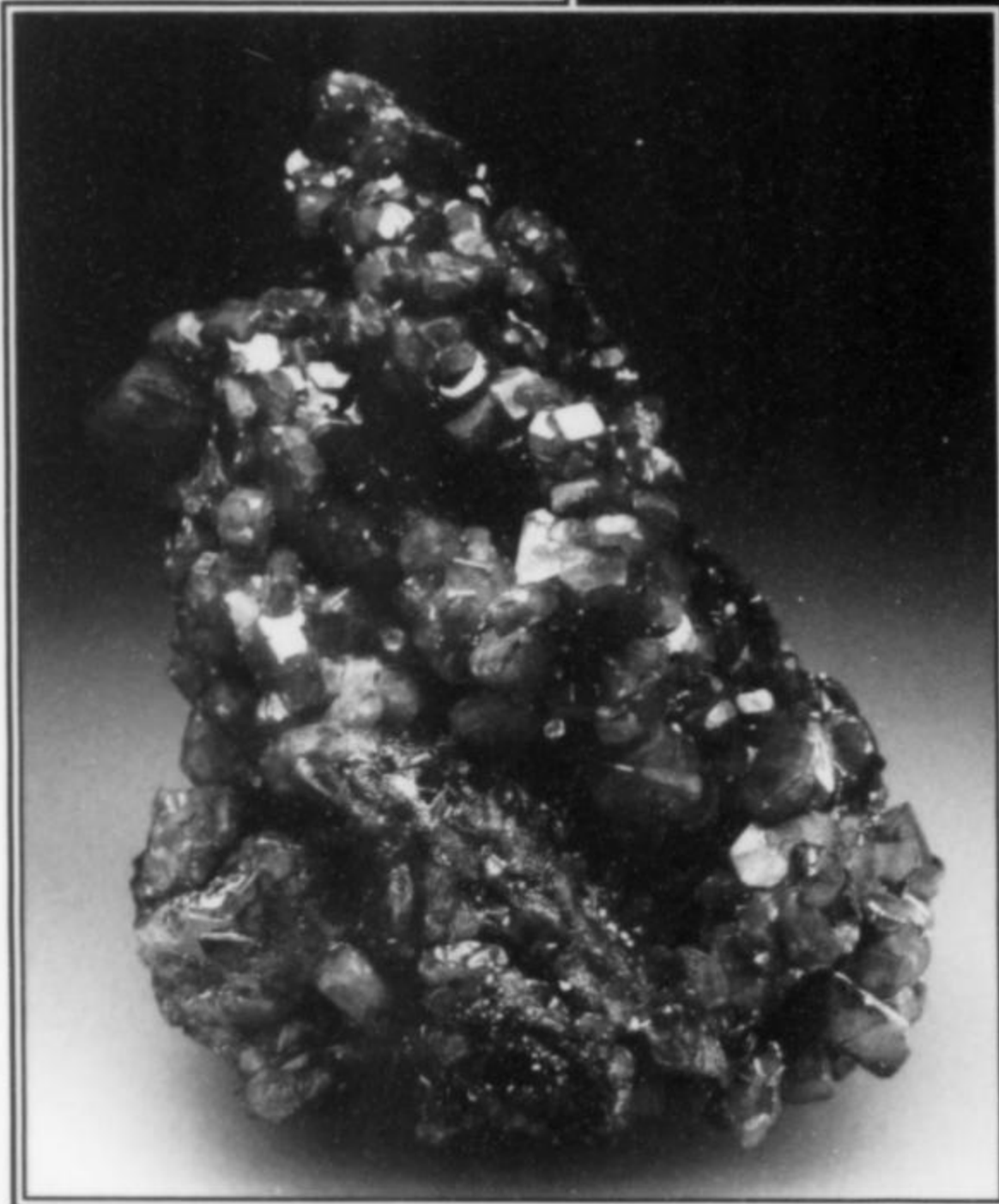
Silver on copper, 3.2 cm, Keweenaw
Peninsula, Michigan. Jeff Scovil photo.

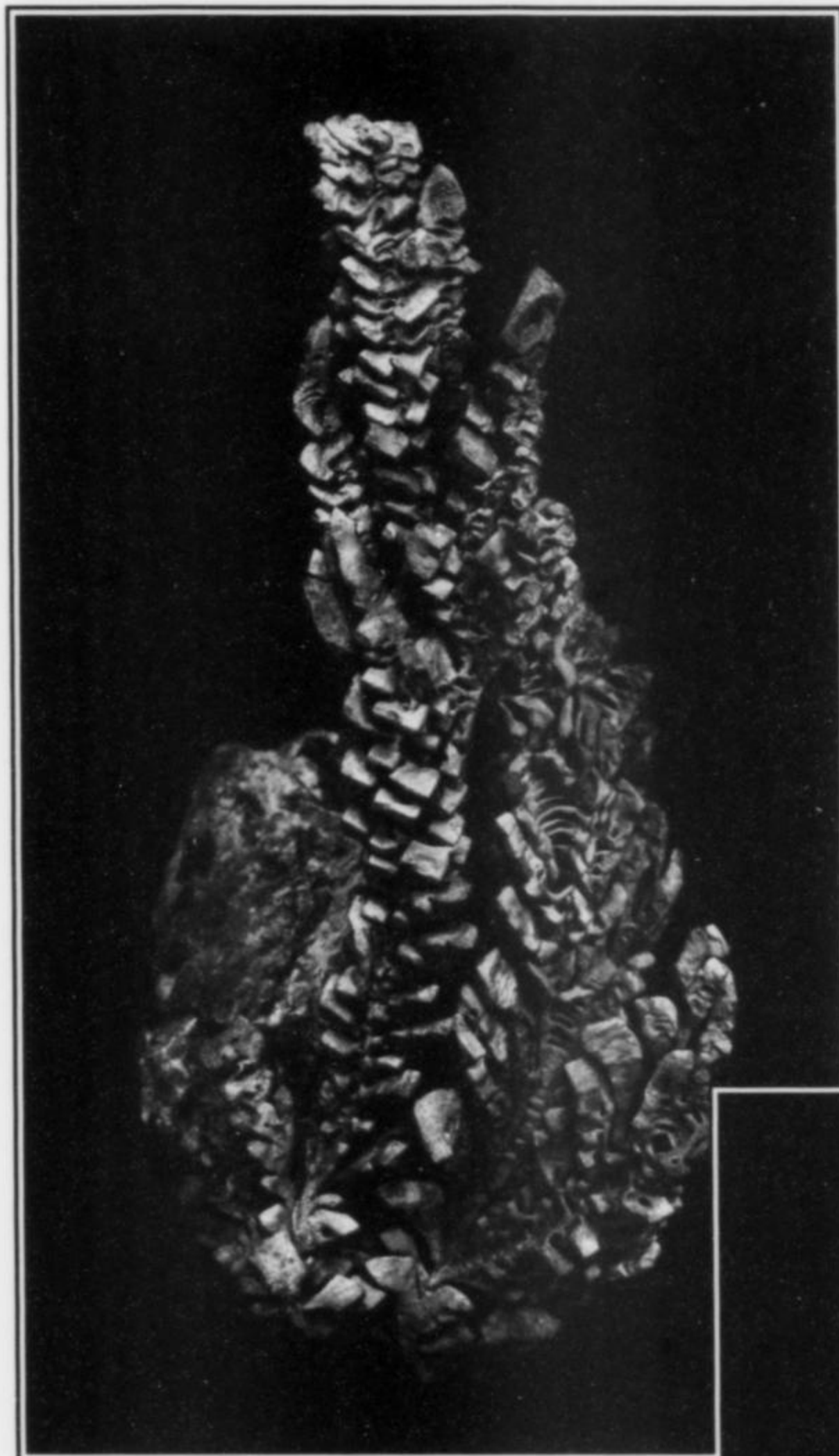


Variscite, 10.6 cm,
Fairfield, Utah. Jeff
Scovil photo.

(below right) Catapleiite,
2.5 cm, Mont Saint-Hilaire,
Quebec, Canada. Jeff
Scovil photo.

Mimetite, 9 cm, Mt. Bonnie
mine, Northern Territory,
Australia. Jeff Scovil photo.





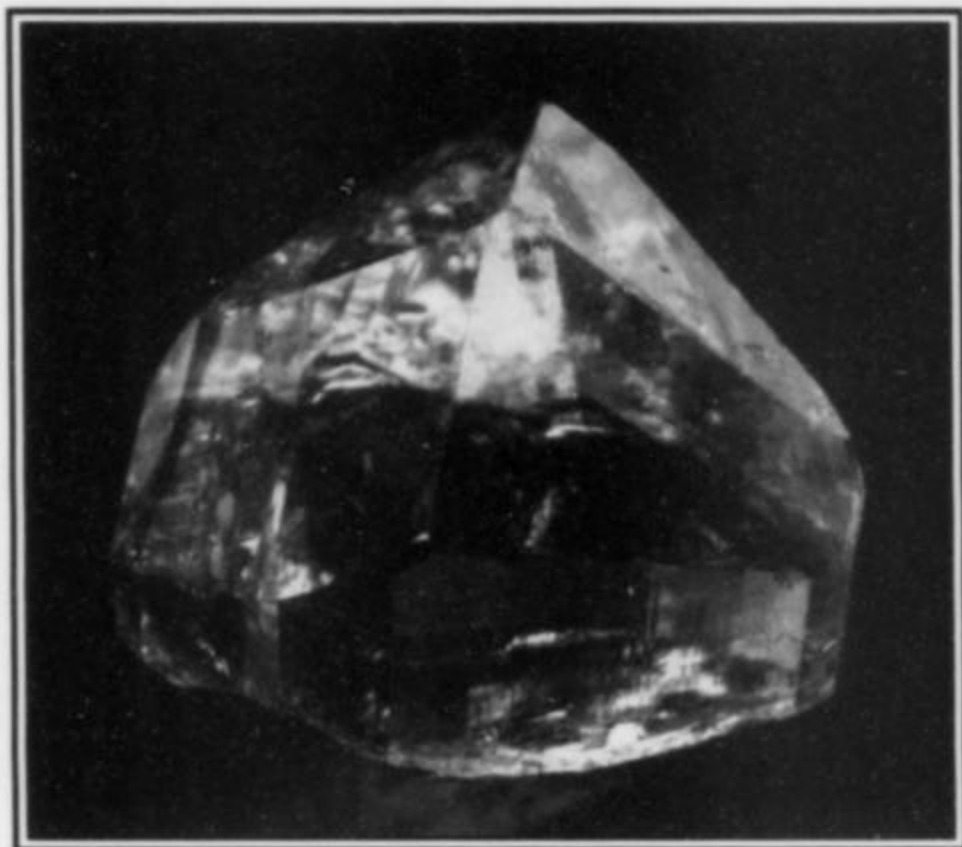
Brazilianite, 2.3 cm, Córrego Frio,
near Linópolis, Minas Gerais,
Brazil. Jeff Scovil photo.

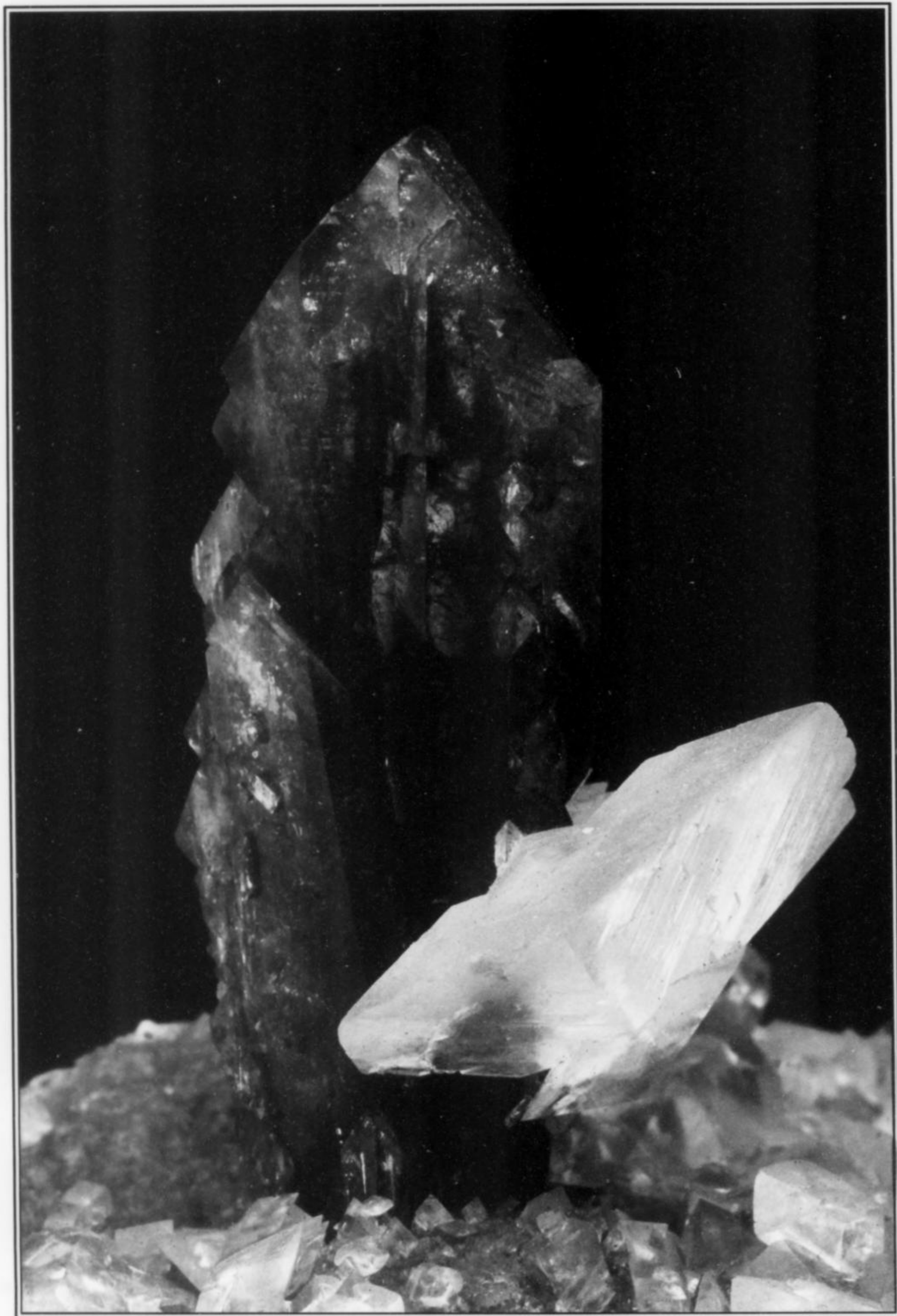


Stokesite and albite, 5.5 cm, Galiléia,
Minas Gerais, Brazil. Jeff Scovil photo.

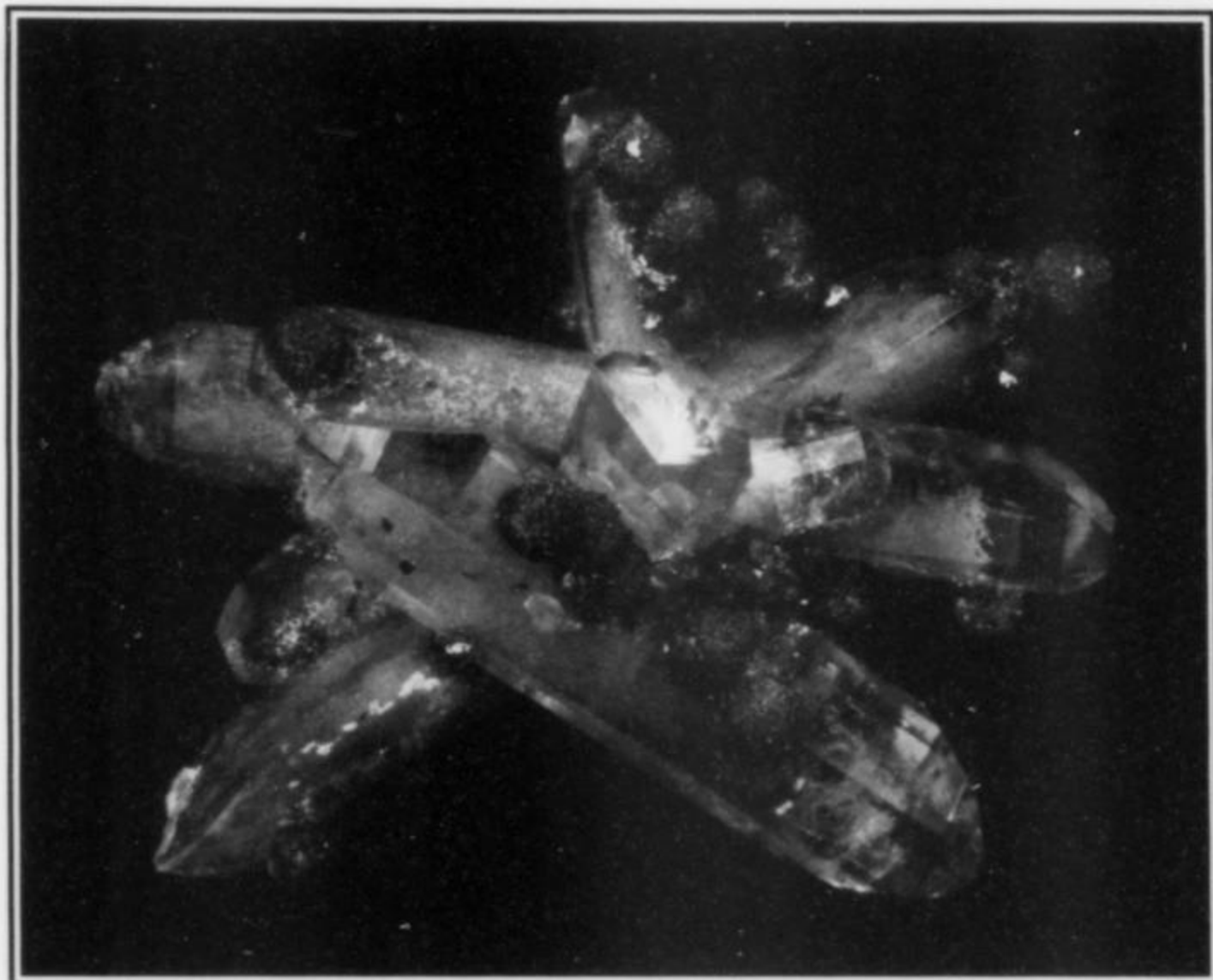
Copper, 7.2 cm, Keweenaw County, Michigan. Jeff Scovil photo.

Smithsonite, 5.3 cm, 79 mine, Gila
County, Arizona. Jeff Scovil photo.



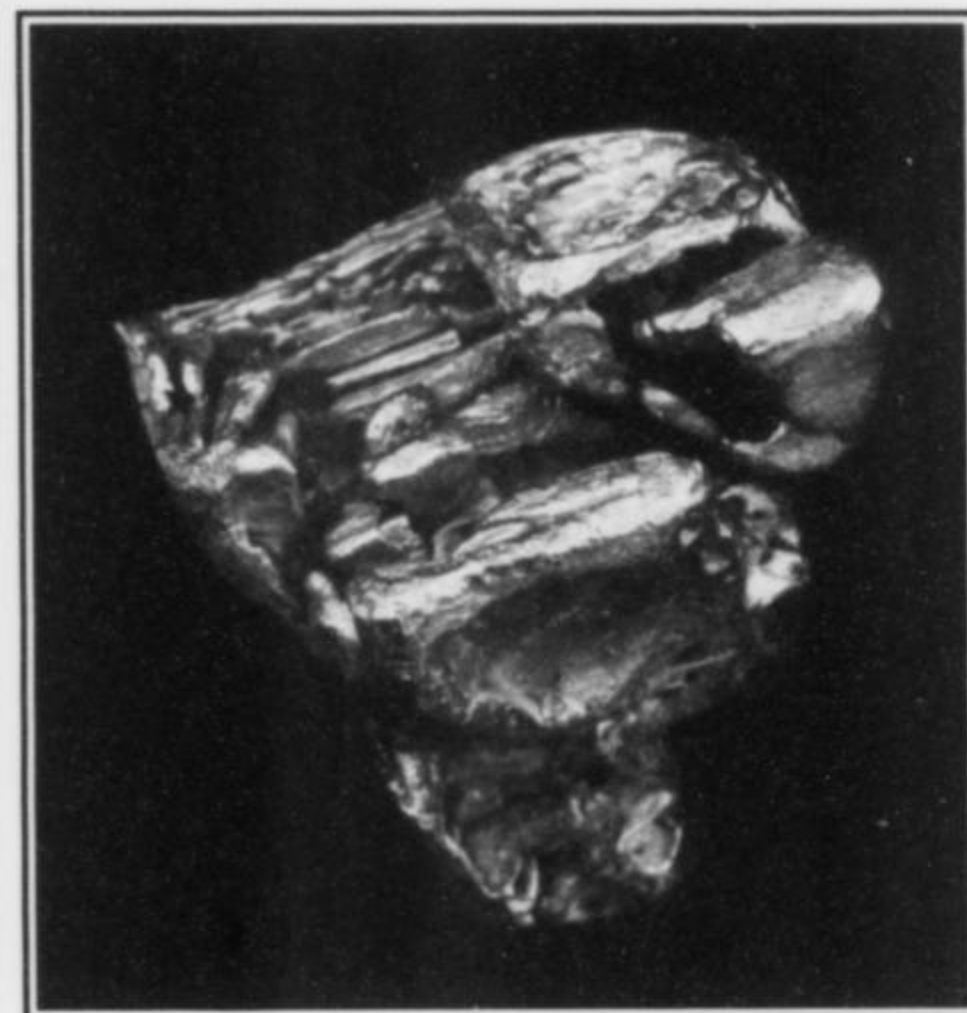
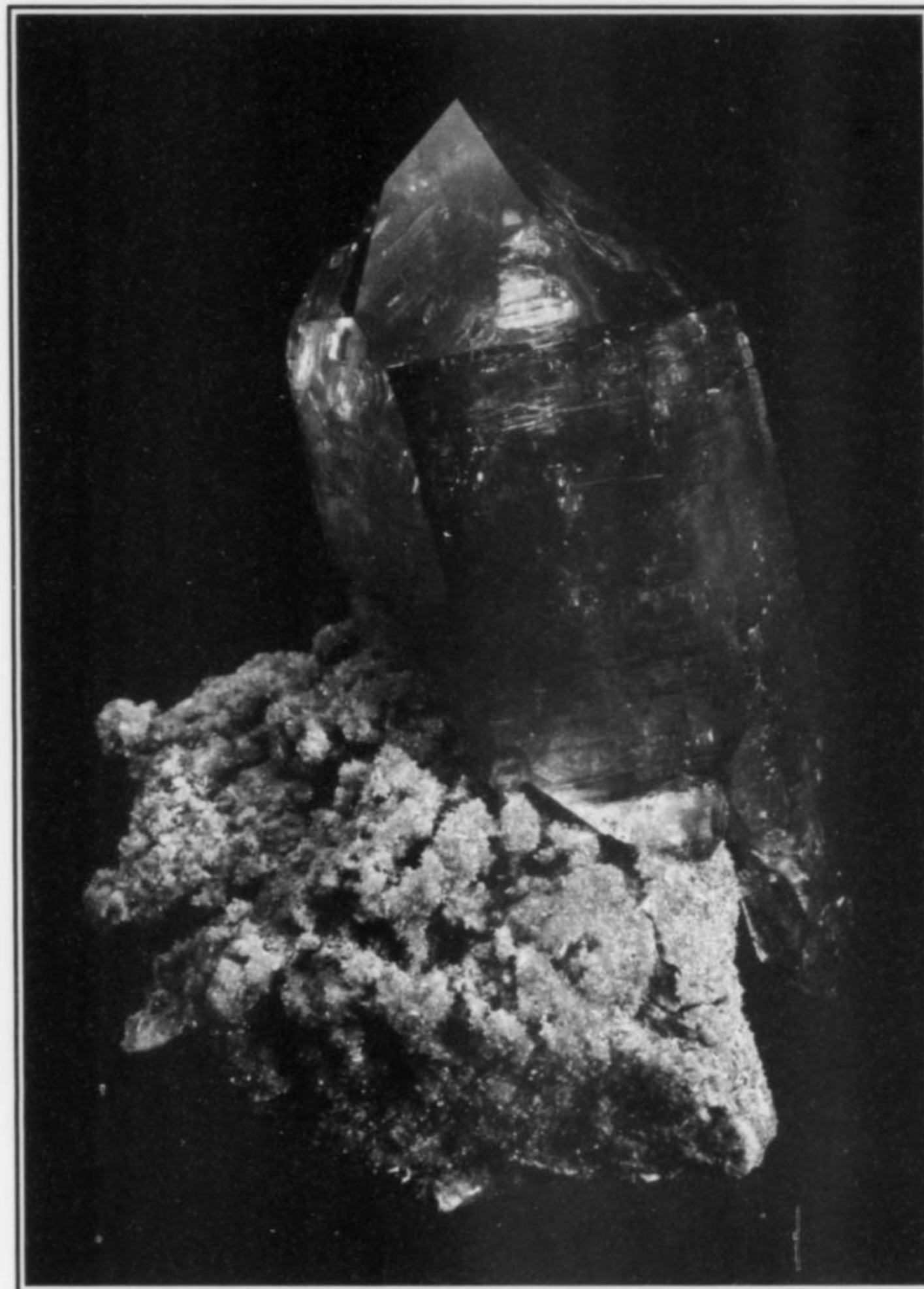


Barite and calcite, 4.4 cm, Newcastle, Wyoming. Jeff Scovil photo.



Topaz, 6 cm, Topaz Mountain, Thomas Range, Juab County, Utah. Jeff Scovil photo.

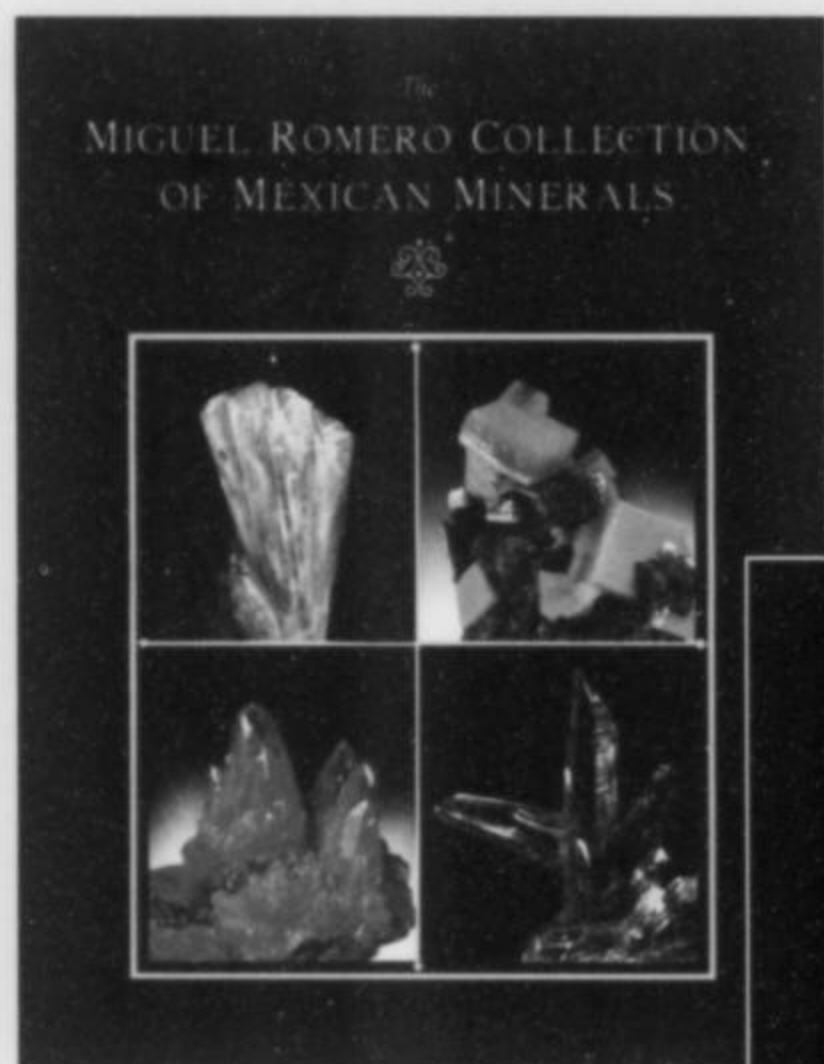
Apatite-(CaF), 3.2 cm, Golconda mine, Minas Gerais, Brazil. Jeff Scovil photo.



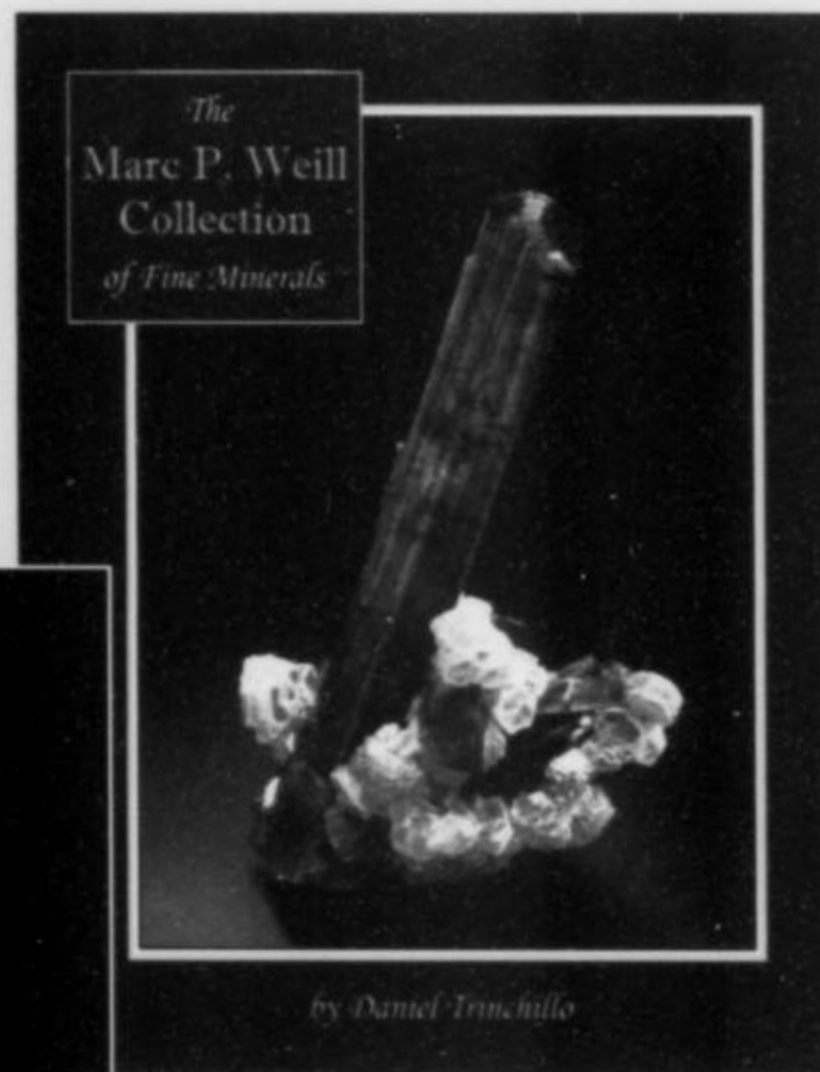
Gold, 2.3 cm, Amazonas Territory, Venezuela. Jeff Scovil photo.

Amethystine quartz, 5.5 cm, Las Vigas, Veracruz, Mexico. Ex Wendell Wilson collection. Jeff Scovil photo.

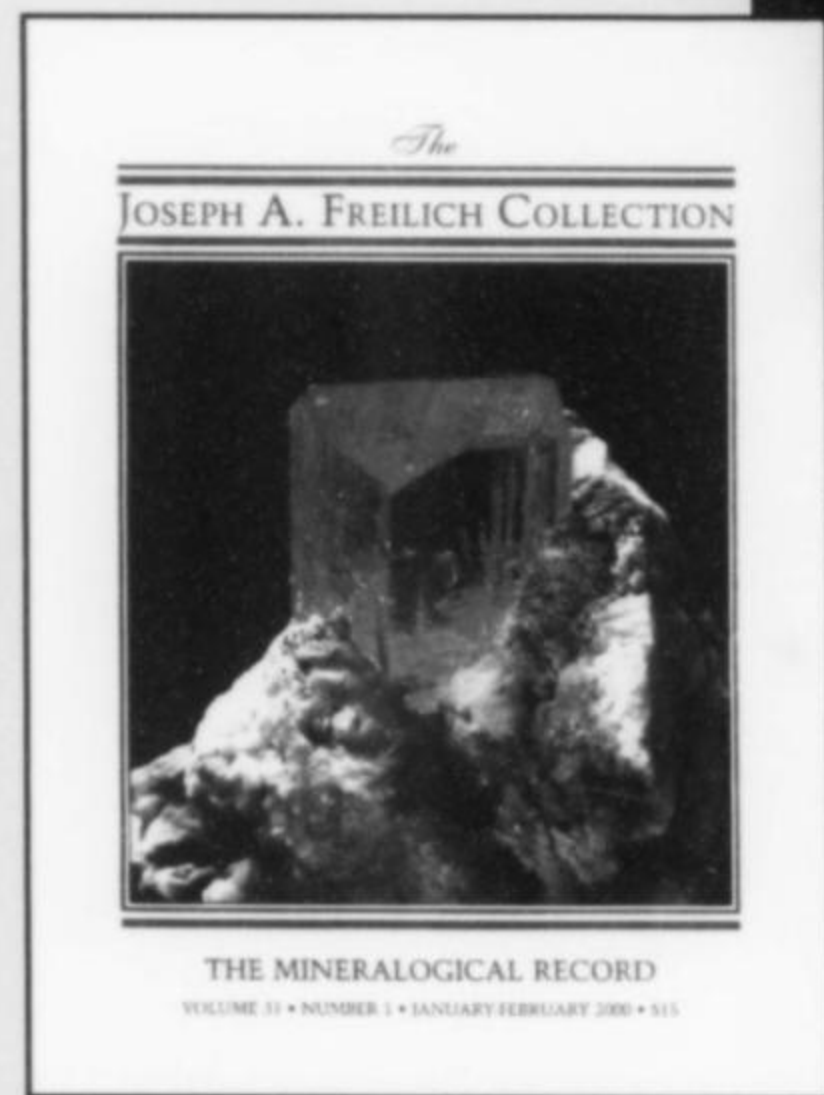
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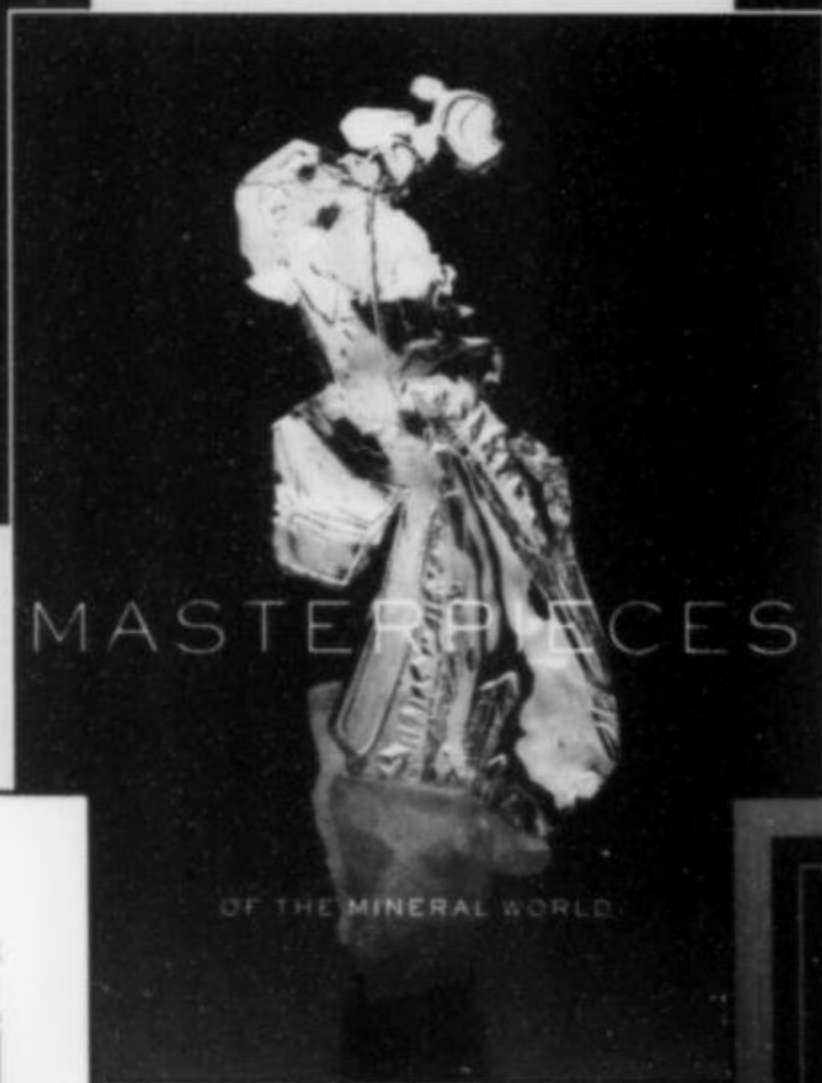
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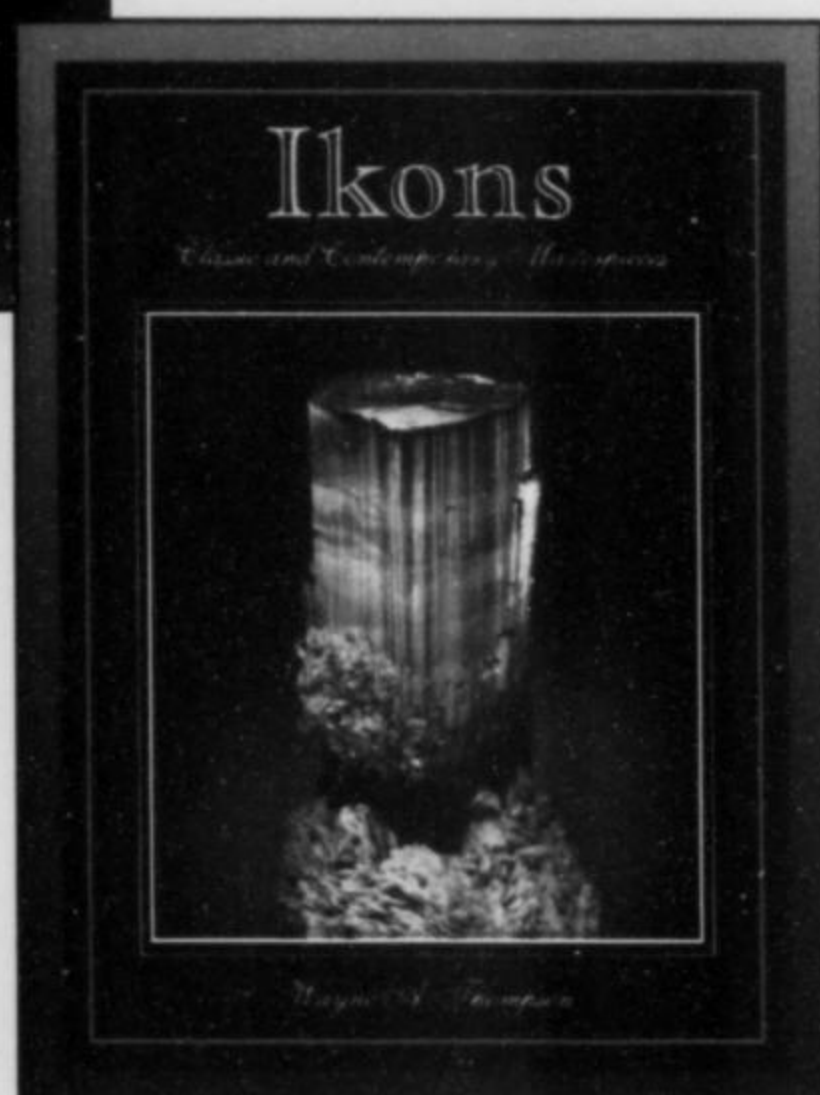
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