



DESIGN QUARTERLY 45-46

WALKER ART CENTER, MINNEAPOLIS, 1959





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DESIGN QUARTERLY

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AMERICAN JEWELRY

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This is the second double issue of DESIGN QUARTERLY. Our first, Number 42-43, devoted to American pottery, came about by happy chance. Not until all the photographs were in did we decide that it would not be possible to present in our usual format all the outstanding material we received. We went to press with some trepidation, but were delighted to find the double issue acceptable to our readership—in fact, much in demand by art schools and colleges as a handbook and text. We hope we can fill school orders before it is out of print.

In 1955 we did a single issue of DESIGN QUARTERLY devoted to hand-crafted jewelry, which has long since been out of print. The present volume, though twice as large, is as selective. More people are designing and making jewelry, and the general level of craftsmanship, design and content is even higher than it was four years ago.

Jewelry design is and should be more personally expressive and intimate than, say, furniture design, but we hope the considered solution of functional problems will always be part of the challenge of designing anything for human use. Clasps that work, chains that do not irritate, details that do not catch fabrics, and other such everyday considerations are and always have been an important part of the jewelry craftsman's discipline as well as our criteria for inclusion in DESIGN QUARTERLY.

HELEN SCHEIER ADELMAN

Pendant, carved silver shaped to conform to free-form citrine quartz.

Bracelet, silver formed from flat stock.



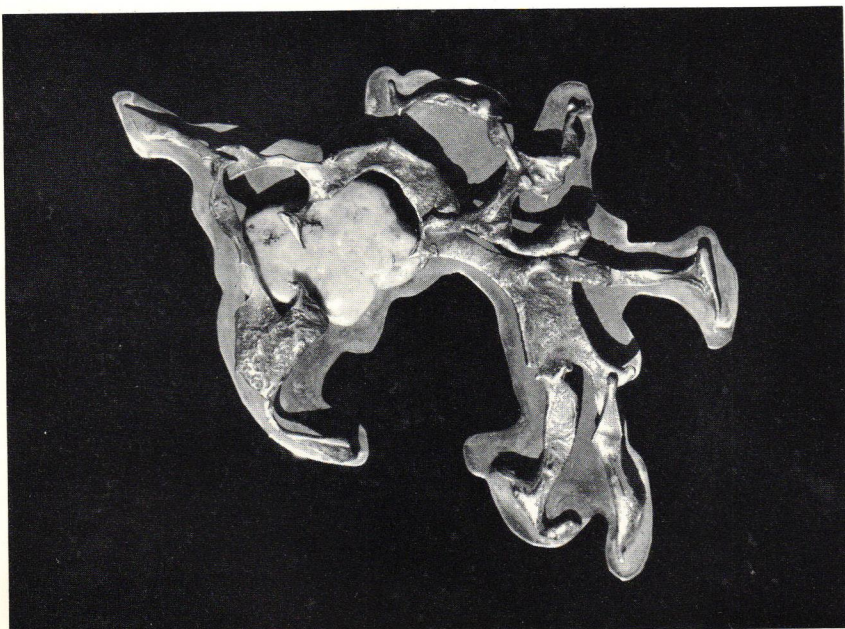
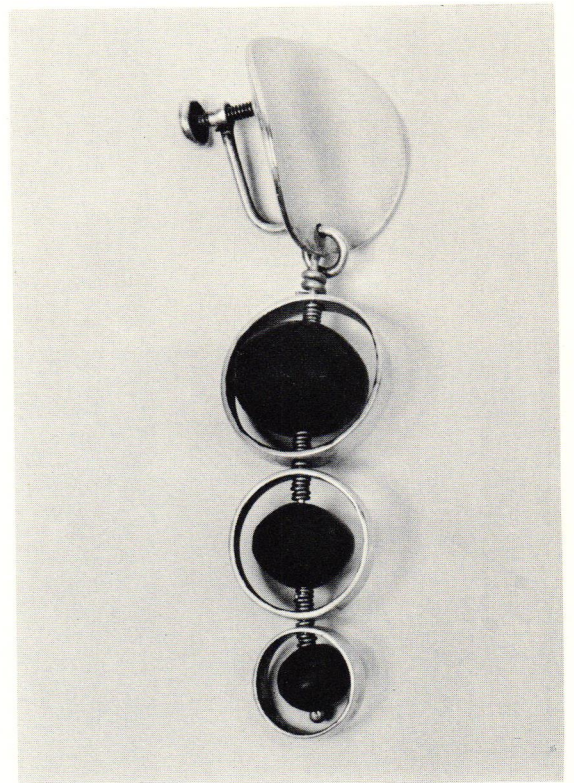
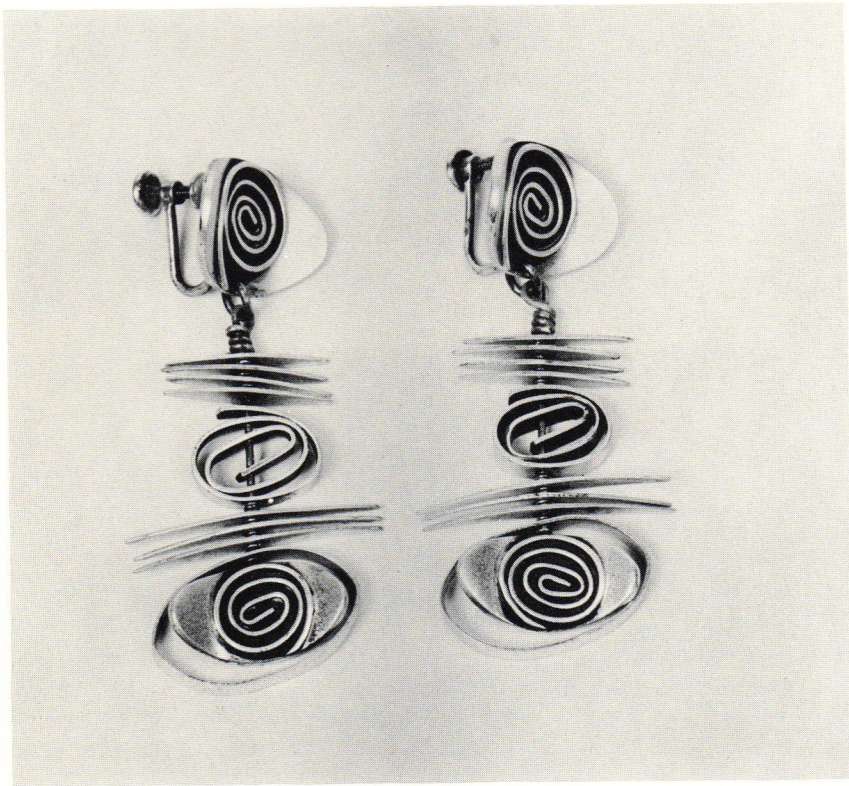
GREGORY P. BACOPULOS

Left: Earrings, sterling silver.

Below: Earrings, sterling and laminated wood.

MILDRED LEE BALL

Bottom: Pin, sterling silver with tumbled turquoise.

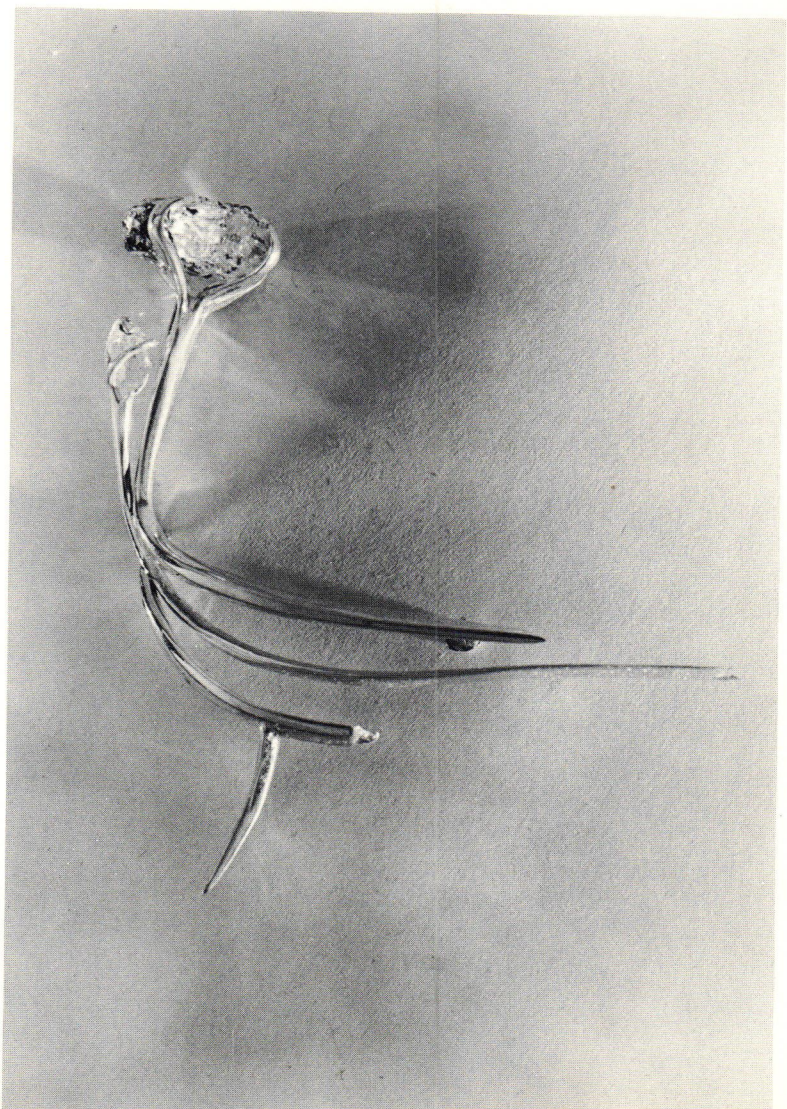
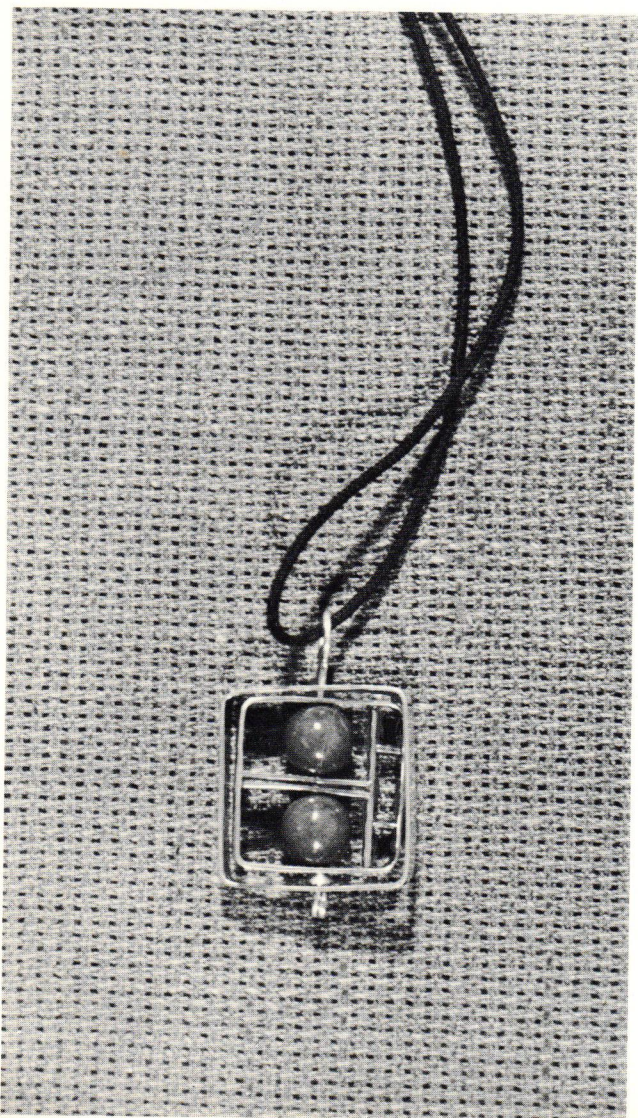


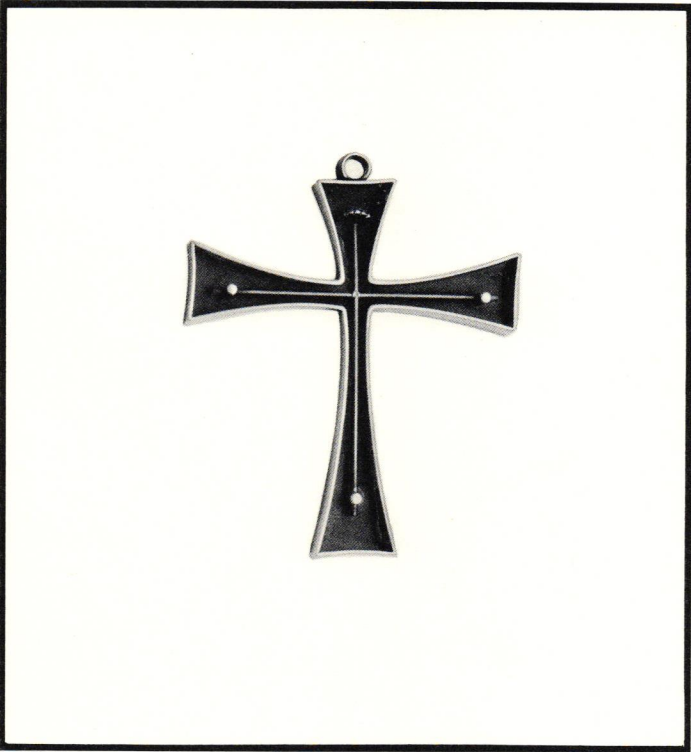
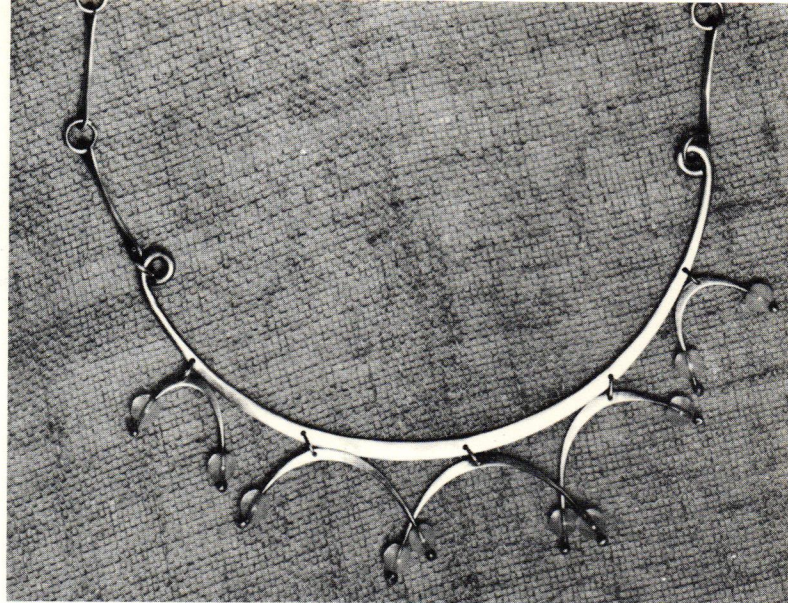
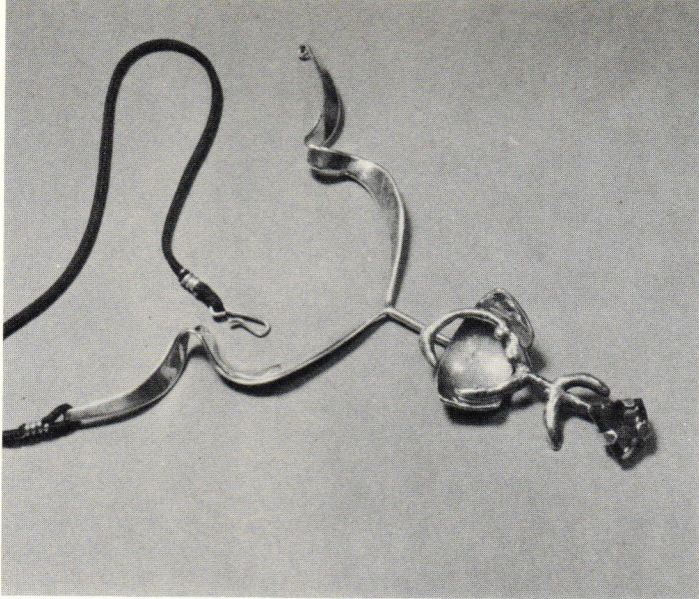
HOWARD BROWN

*Right: Pendant, sterling silver, bone and polished geode.
Pin, bird form, forged sterling silver set with Herkimer diamonds.*

JANE BECKMAN

Below: Pendant, rectangular silver wire and lapis beads.





MICHAEL J. BRANDT

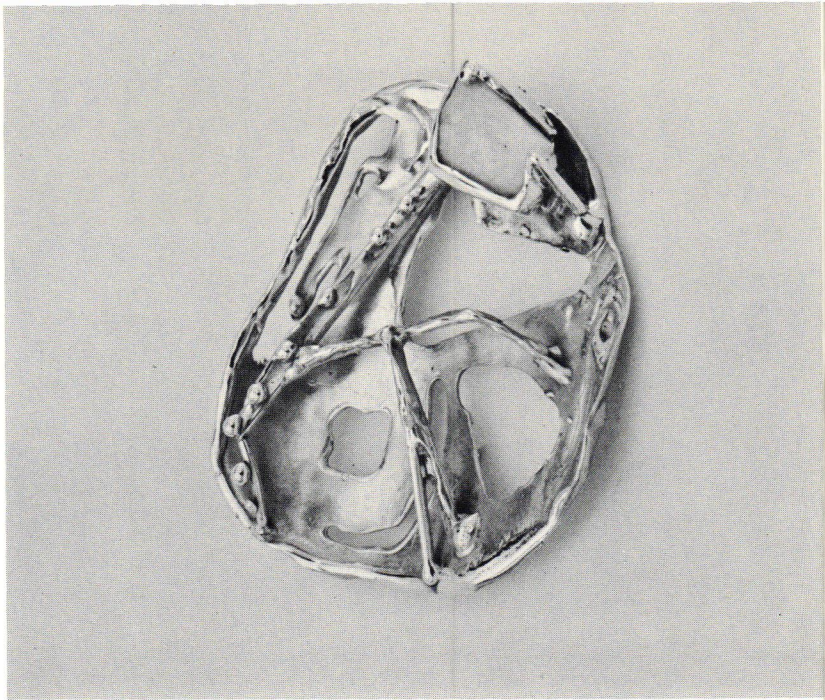
Top, left: Pendant, silver handwrought form set with a free-form smoky topaz.

FRANCES HOLMES BOOTHBY

Top, right: Necklace, sterling silver with moonstone-like beads strung on 18-gauge wire.

MARK BOHROD

*Center: Crucifix, oxidized silver with gold forms.
Left: Pendant, silver and yellow gold with red gold balls.*



IRENA BRYNNER

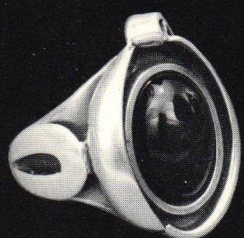
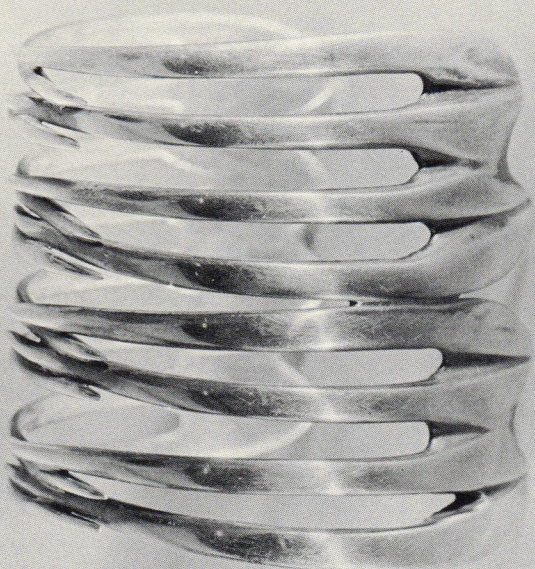
Pin, cast gold set with opal.

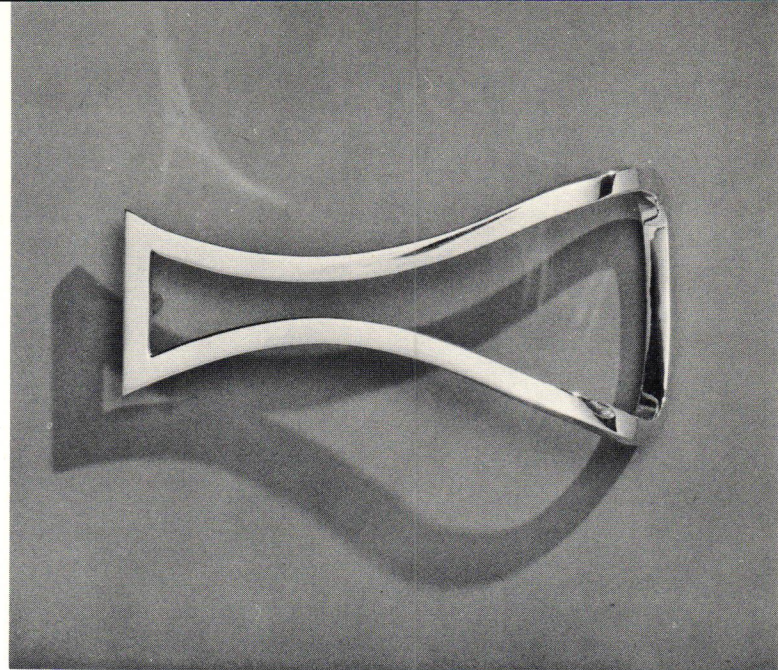
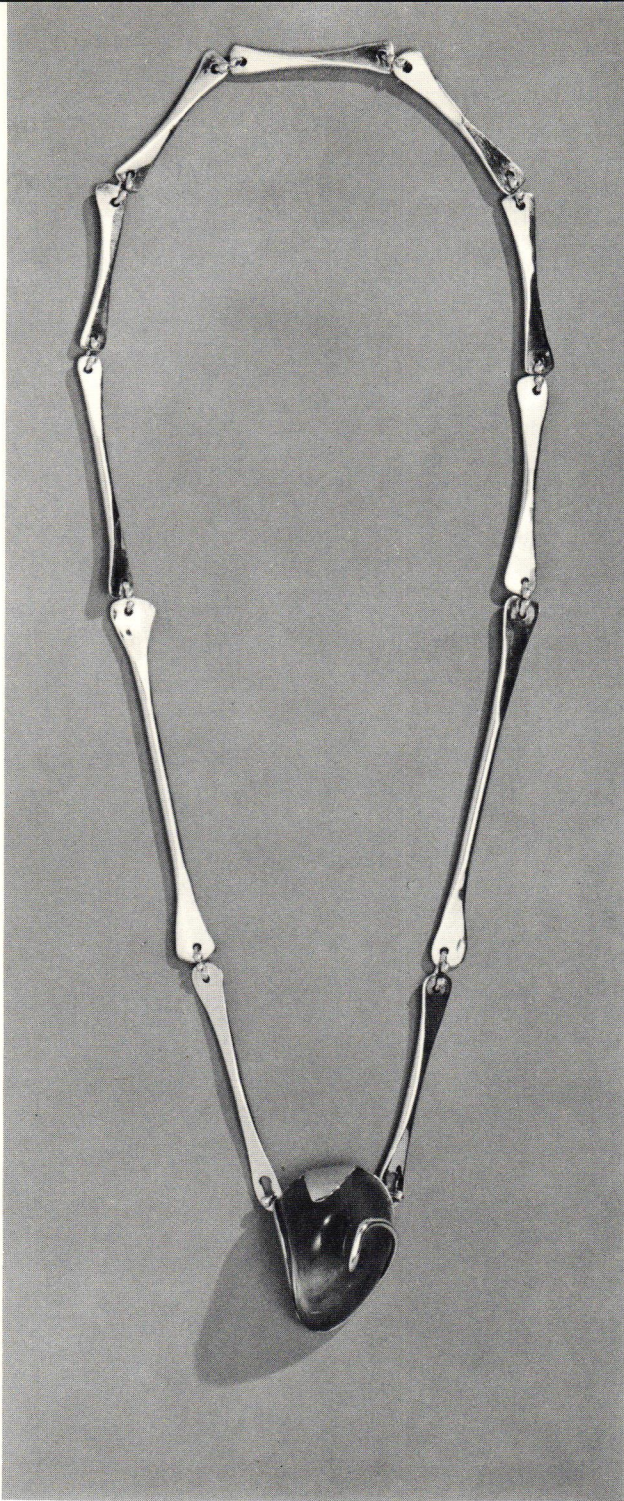
Ring, gold set with black opal and fresh water pearl.

Necklace, gold set with opals ranging from nearly black to green.

JUANITA BROWN
Bracelet, forged silver.
Rings, carved sterling silver.

MAXWELL CHAYAT
Bottom: Ring, silver set with onyx.





SHIRLEY LEGE CARPENTER

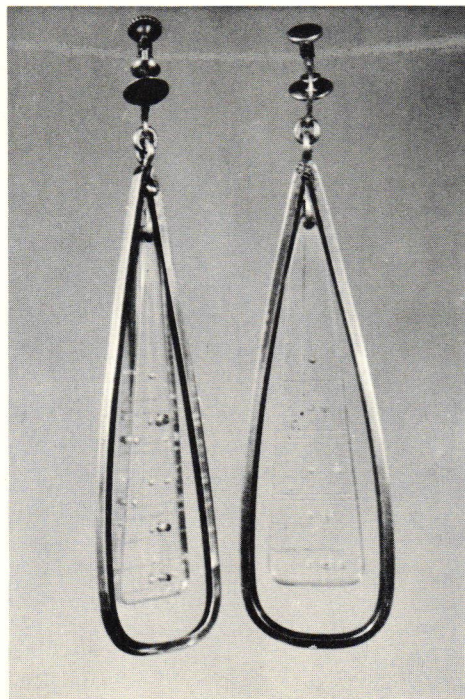
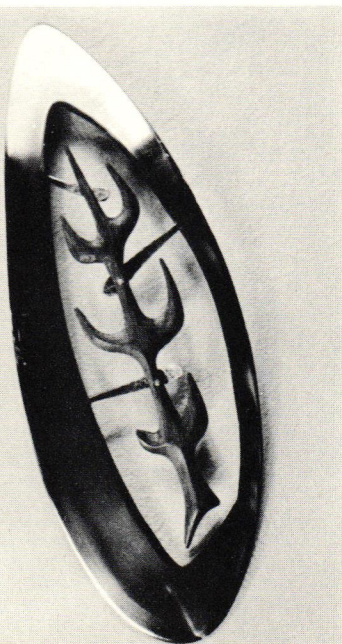
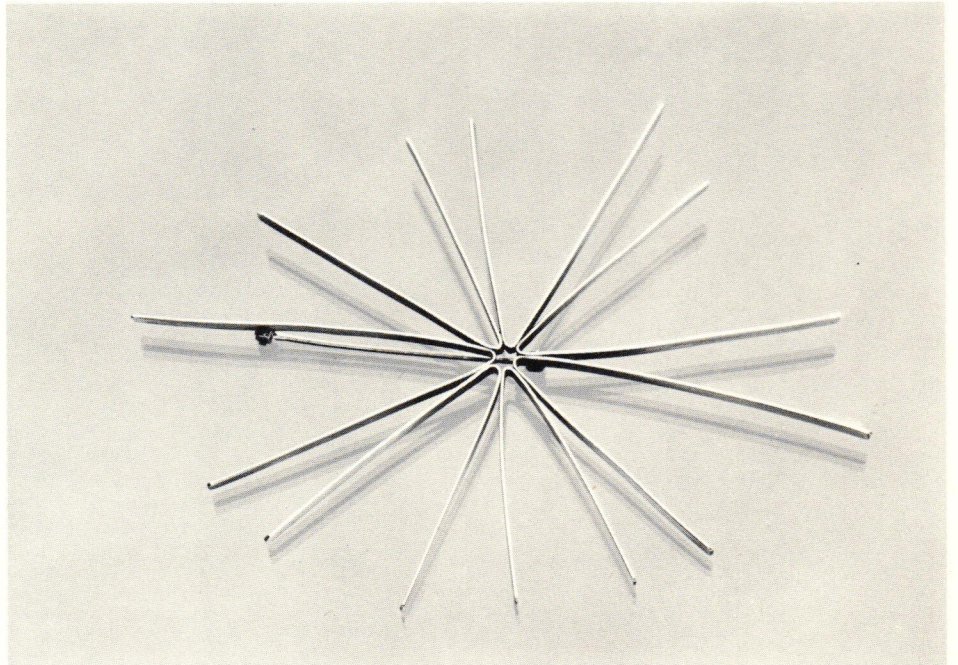
Necklace, forged gold with tumbled smoky quartz.

Belt buckle, gold.

Ring, gold set with square-cut diamond, pear-shaped peridot and five Kashmir sapphires.

BETTY COOKE
Pin, sterling silver.

ELEANOR CALDWELL
Bottom: Pin, sterling silver and amaranth.
Earrings, sterling silver with engraved and drilled plexiglass.



RUSSELL E. DAY

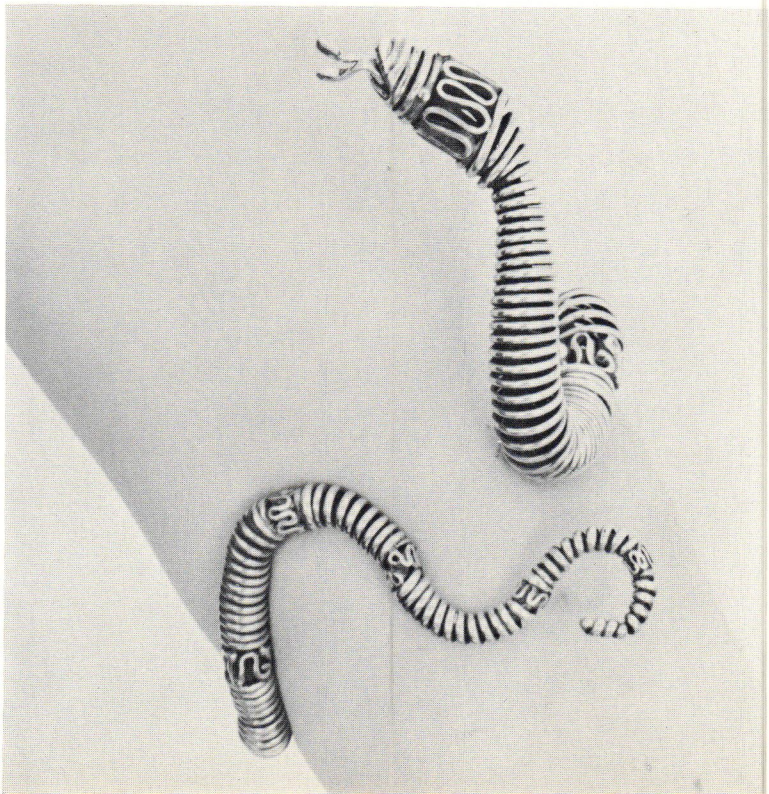
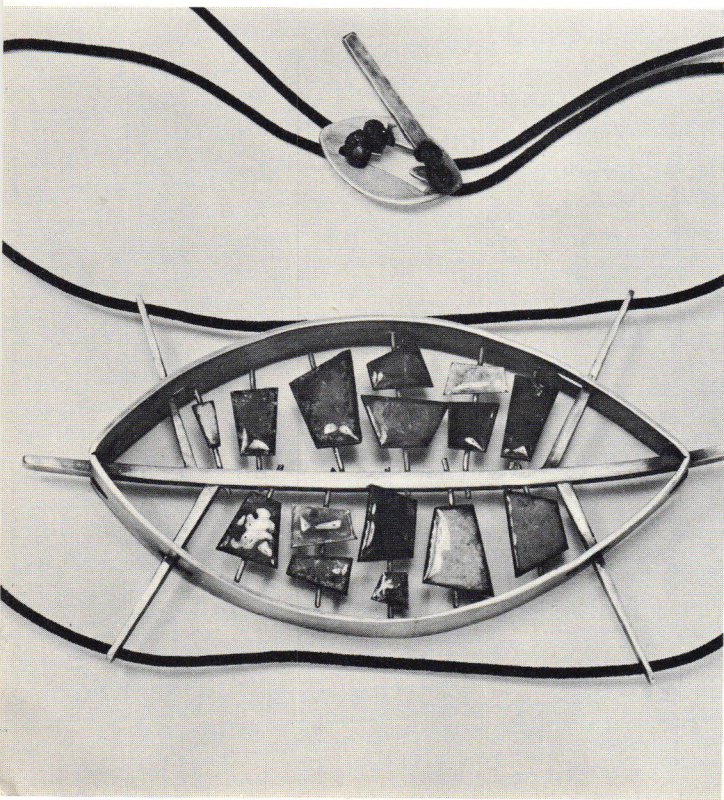
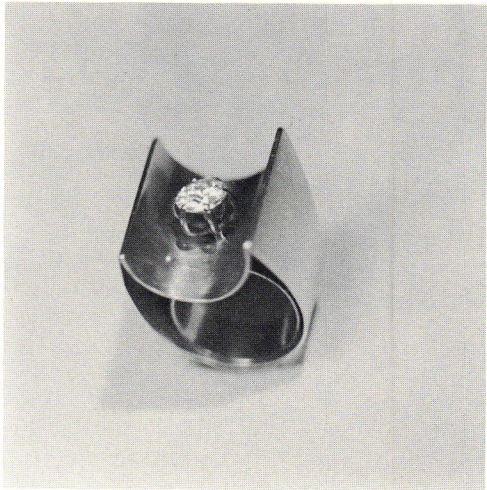
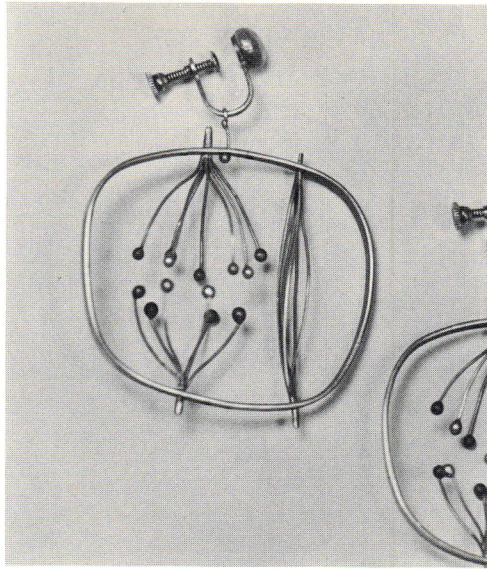
Earrings, sterling silver.

Ring, 14-karat gold set with titanium stone.

Necklace, forged sterling silver with multi-colored enameled shapes.

ANDREW and MURIEL DEY

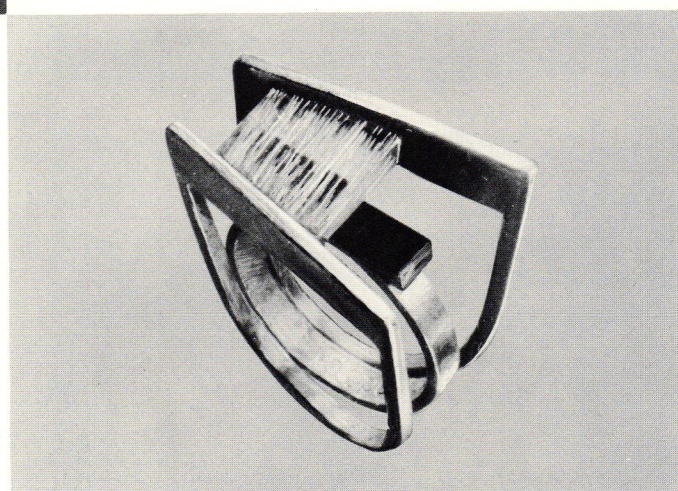
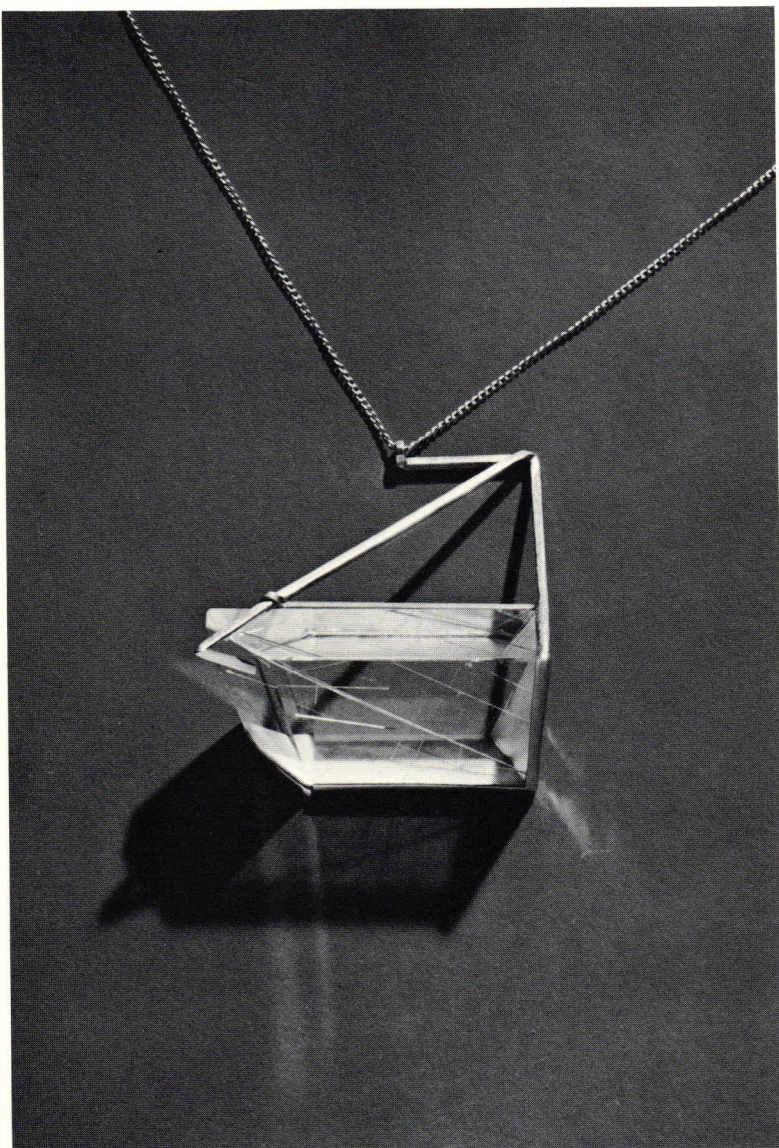
Armlet, sterling silver serpent form.



MARGARET DE PATTA

Pendant, gold and rutilated crystal.

Ring, rutilated crystal and onyx set in white gold.



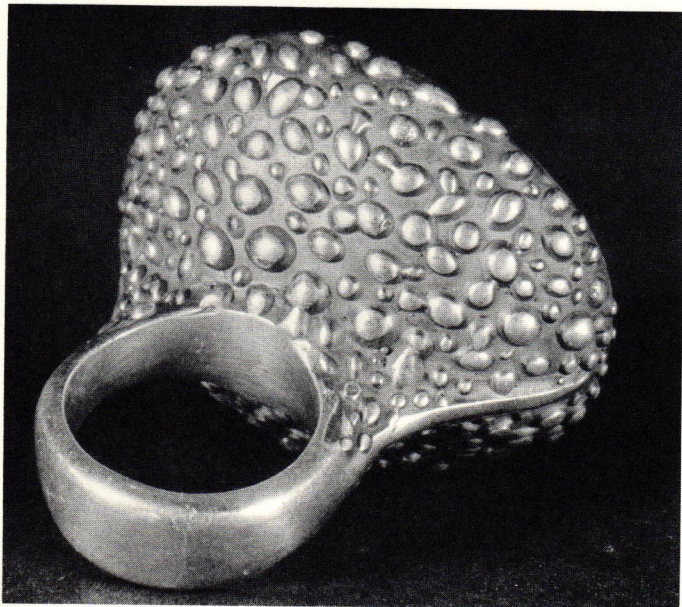
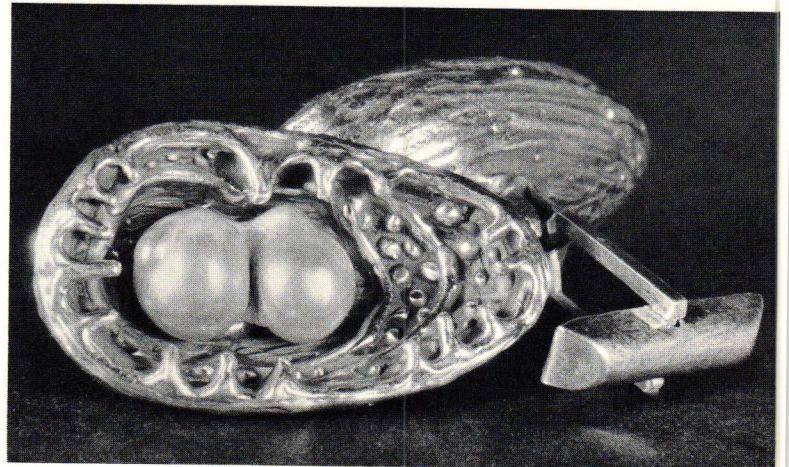
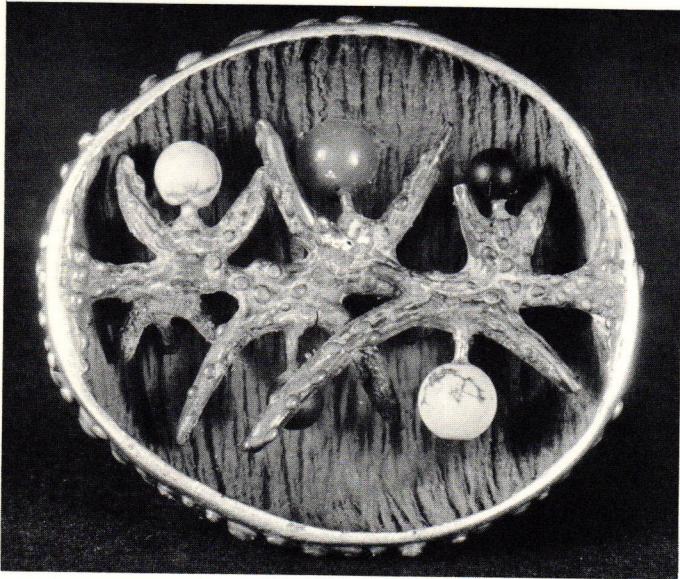
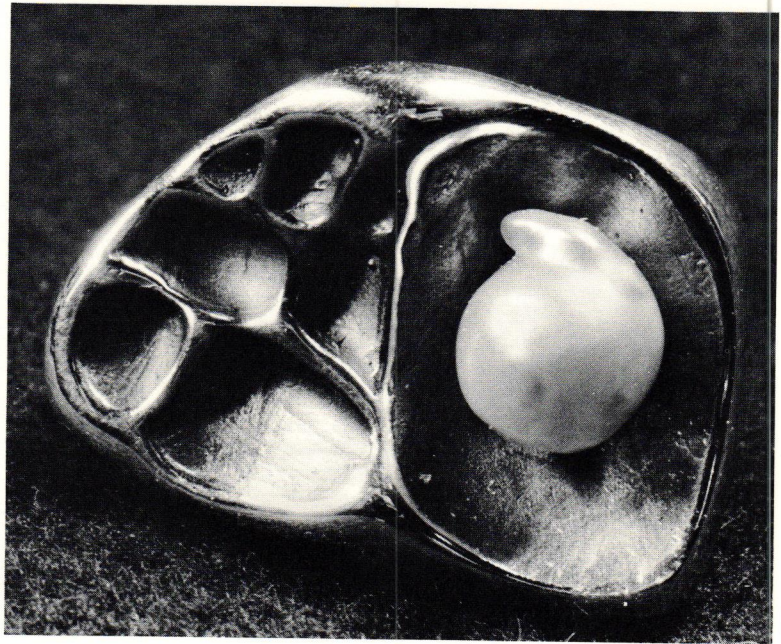
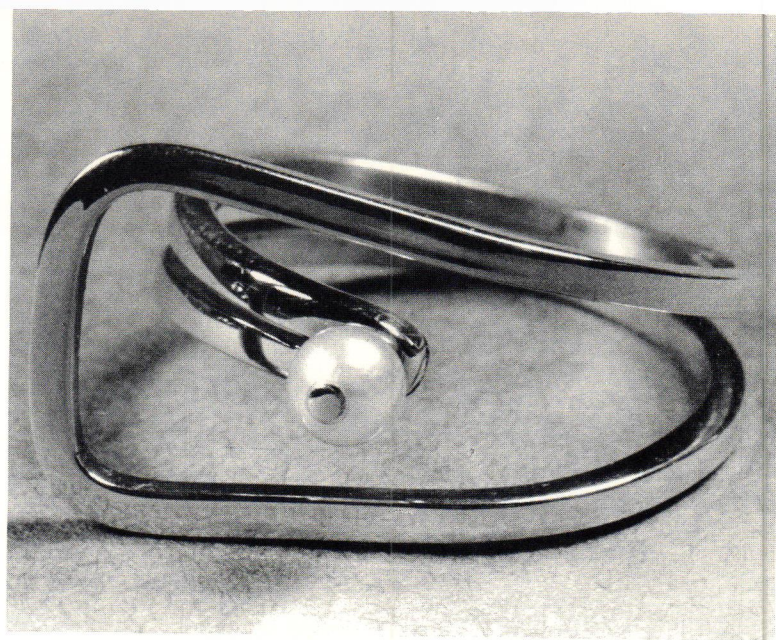
ROBERT DHAEMERS

Top, right: Ring, gold wire set with pearl.

Center: Ring, silver lost-wax casting with baroque pearl.

Bottom right: Cuff links, silver lost-wax casting with pearl doublet.

Below: Ring, top and back view, silver lost-wax core cast with coral, turquoise and jet.

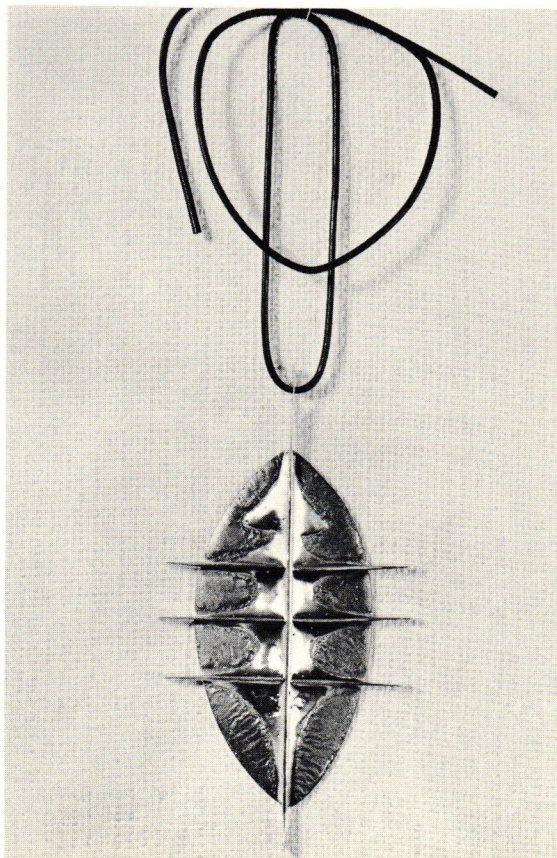
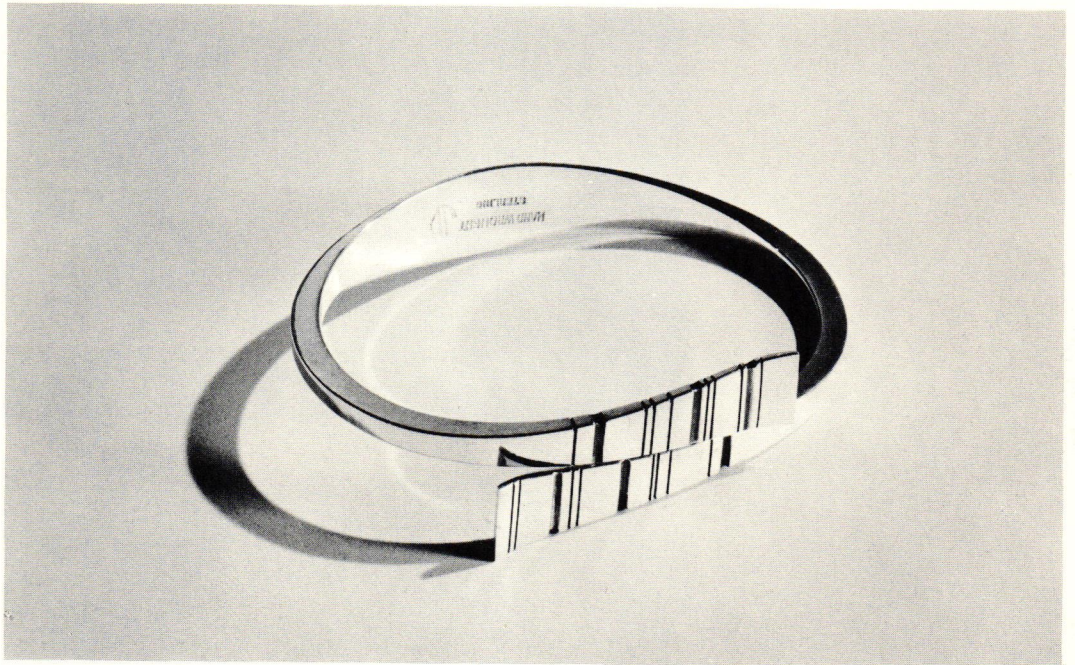


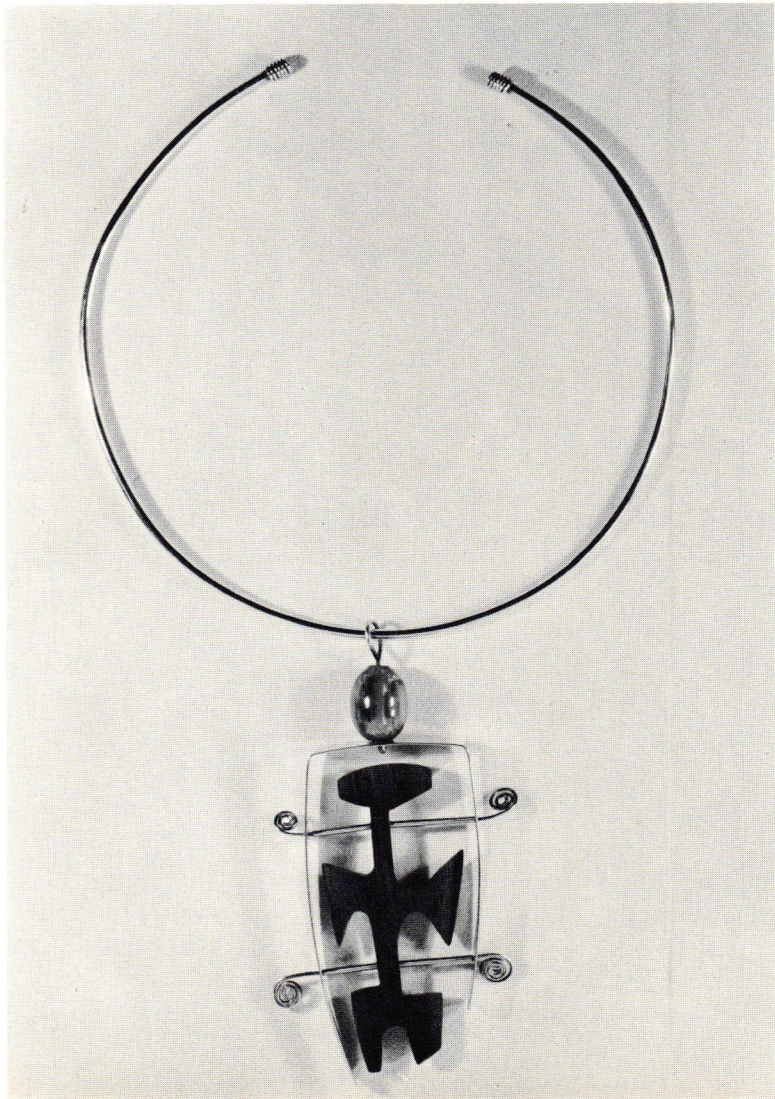
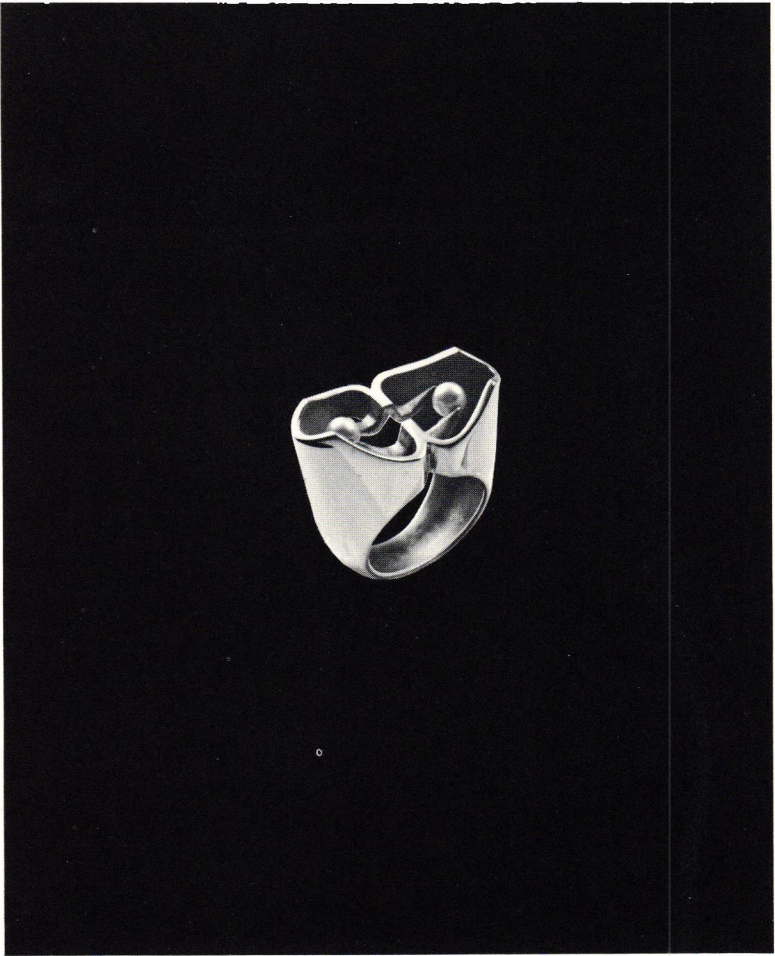
JOHN DICKERHOFF

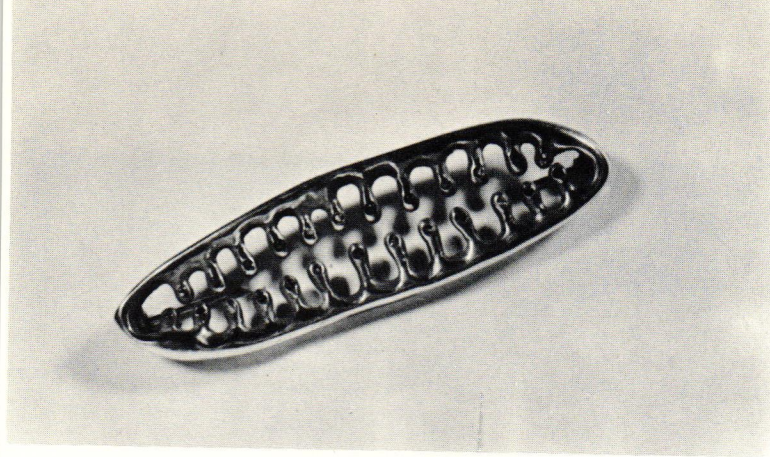
*Bracelet, forged 6-gauge sterling wire, cut line decoration.
Ring, fabricated from sheet sterling silver with tube decoration.*

VIRGINIA DUDLEY

Bottom, left: Pendant, gold and silver encrustation on enameled copper.



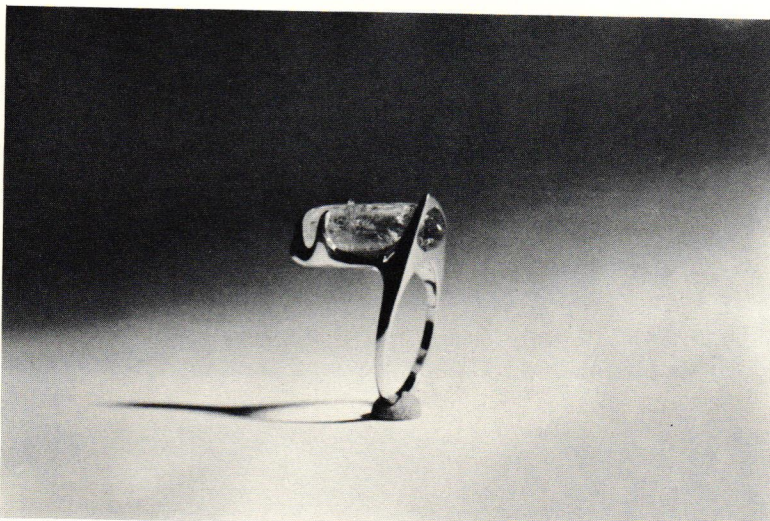




GUDMUND JON ELVESTAD
Opposite page: Ring, fabricated sterling silver with pearls.

ROGER D. EASTON
Opposite page: Necklace with pendant, silver and carved Brazilian rosewood.

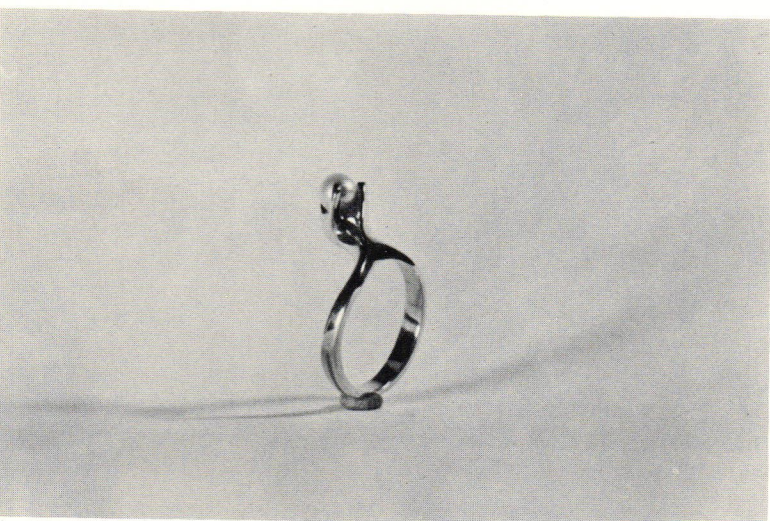
AUDREY ENGSTROM
Top: Pin, silver and bronze enamels, heavily oxidized.



ROBERT ENGSTROM
Ring, gold with natural topaz crystal.

Ring, gold with black pearl.

Interlocking ring, gold with pearl.



LANE ELKINS

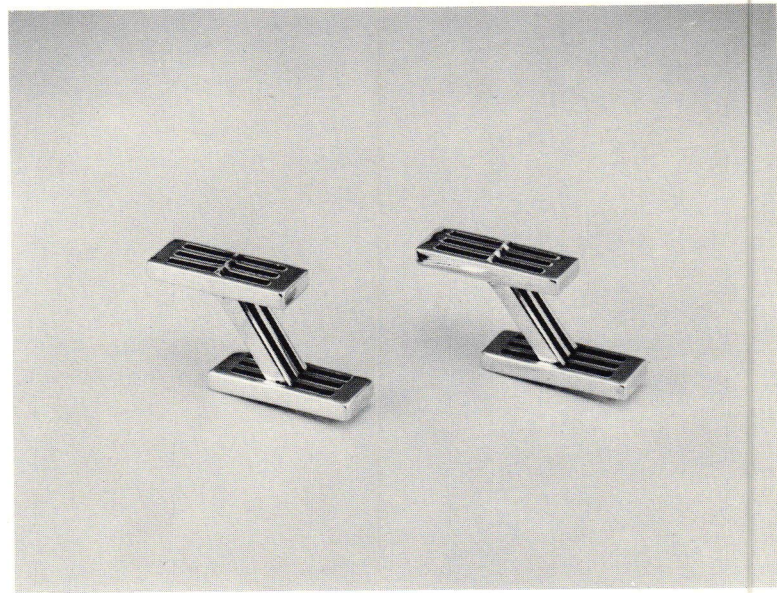
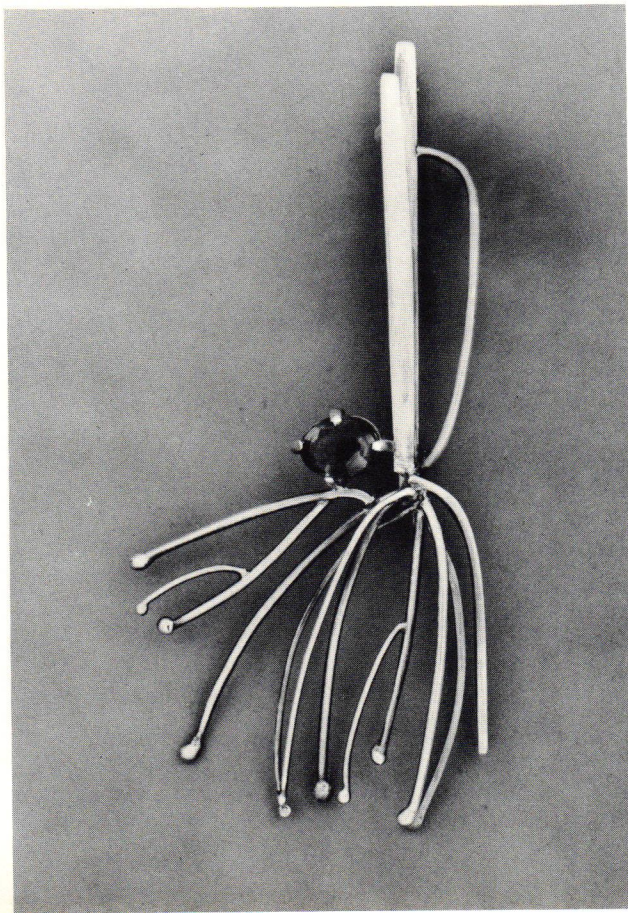
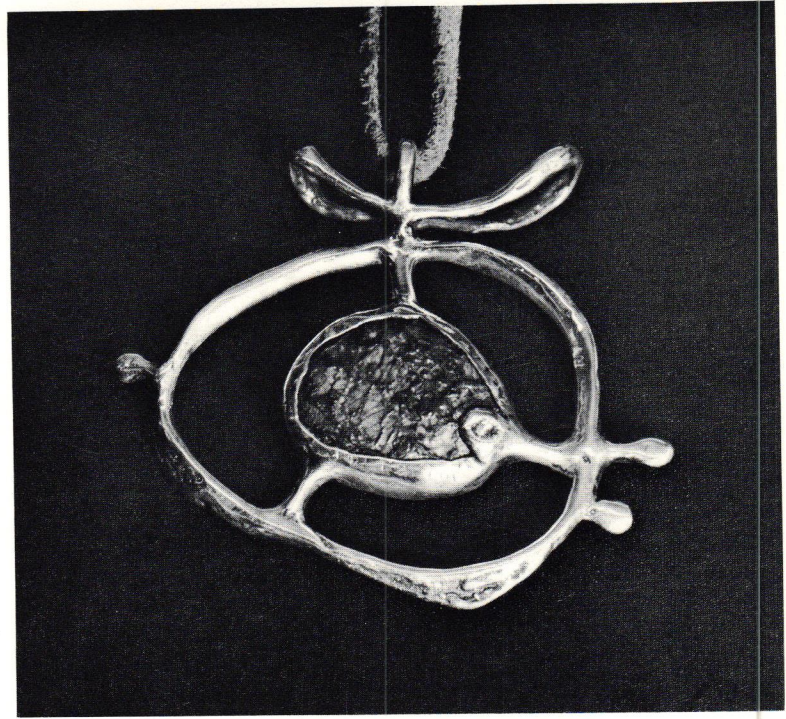
Pendant, cast silver, with Oregon stone, reversible.

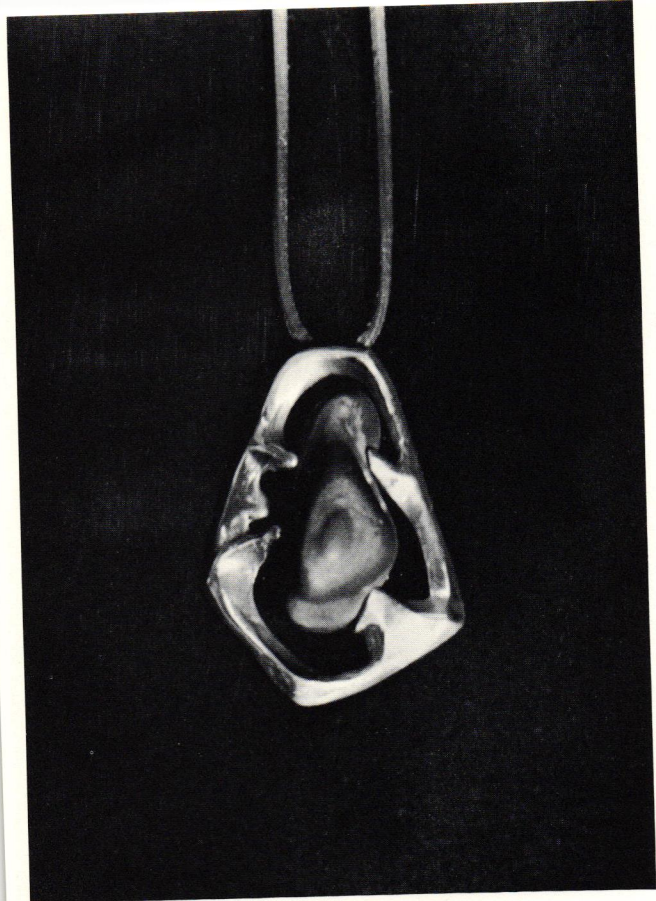
LESTER FADER

Cuff links, sterling silver.

ALMA EIKERMAN

Bottom: Pin, sterling silver set with amethyst.





LANE ELKINS

Pendant, cast silver set with nature-shaped stones.

ELSA FREUND

Necklet, silver set with ceramic stone, black glaze with crystal glass fused to surface.

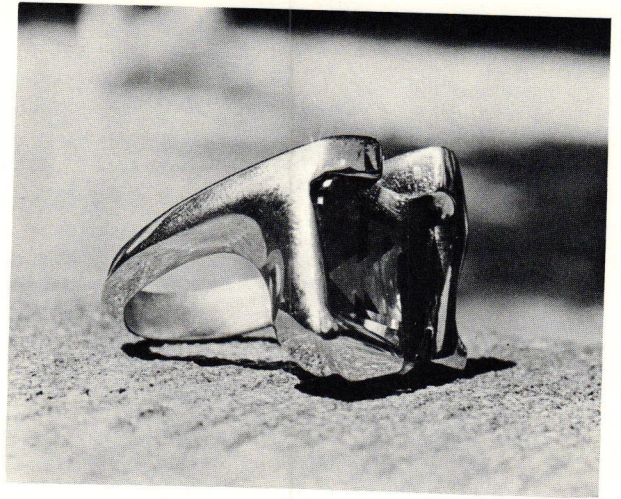


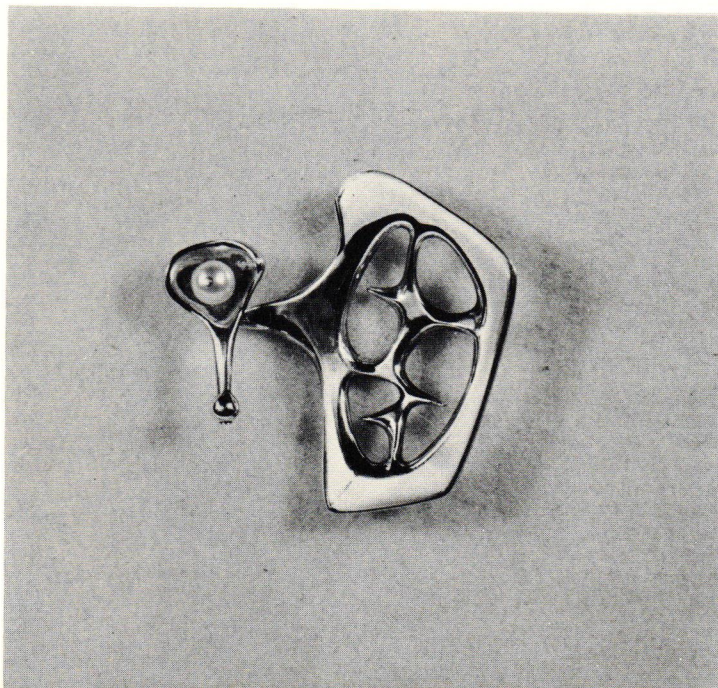
DAVID HATCH

Ring, lost-wax gold set with amber smoky topaz.

RICHARD C. GOMPF

Pendant, sand-cast sterling silver with abalone stone.





GEORGE GREEN

Above: Pendant, silver.

WILLIAM GEORGE HAENDEL

*Top, left: Pendant, silver set with moonstone
decorated with fused silver and gold chips.*

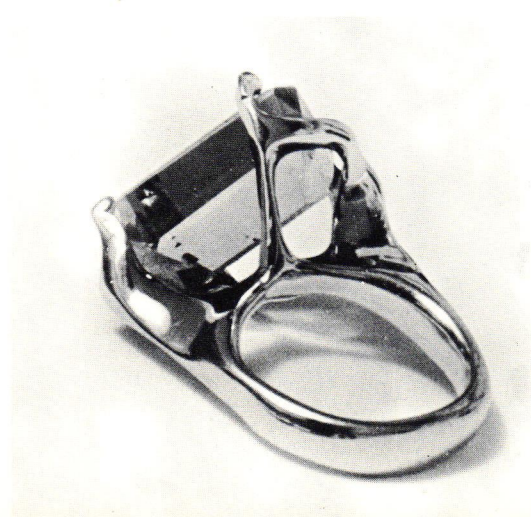
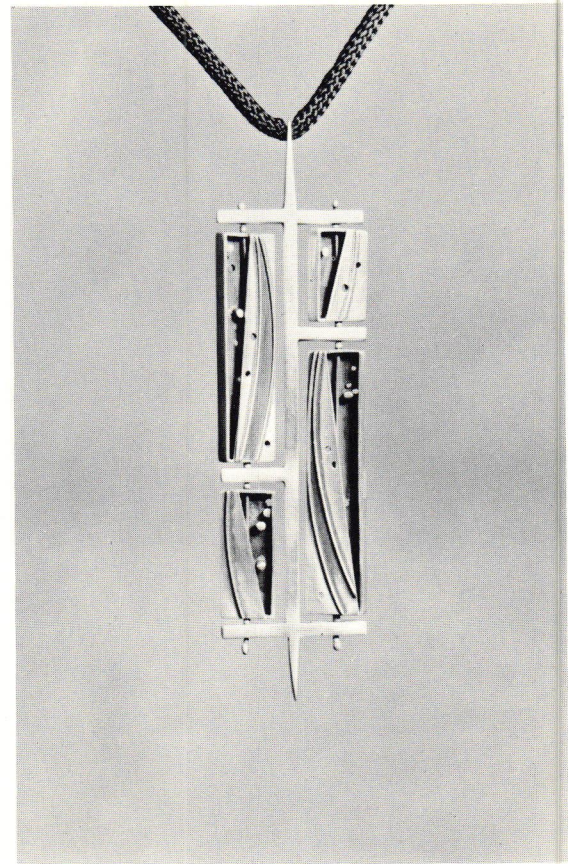
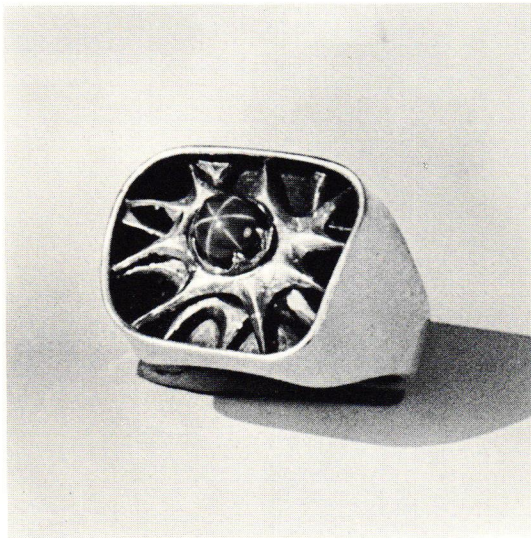
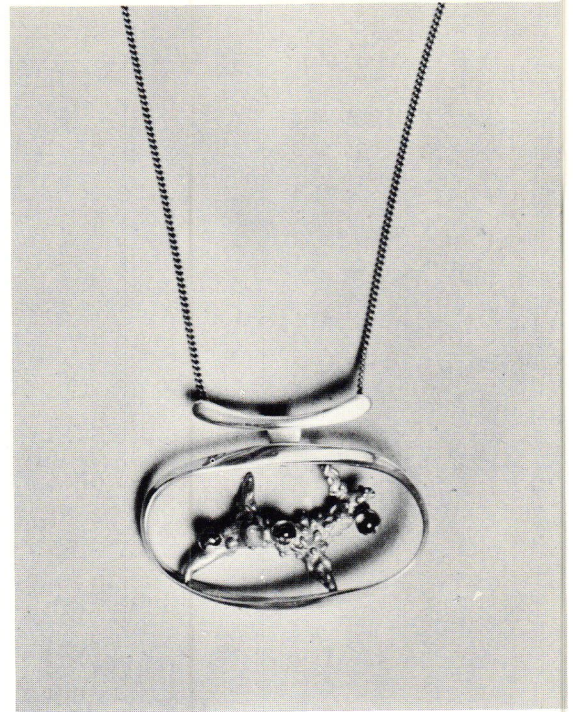
Bottom: Pin, forged silver set with pearl.

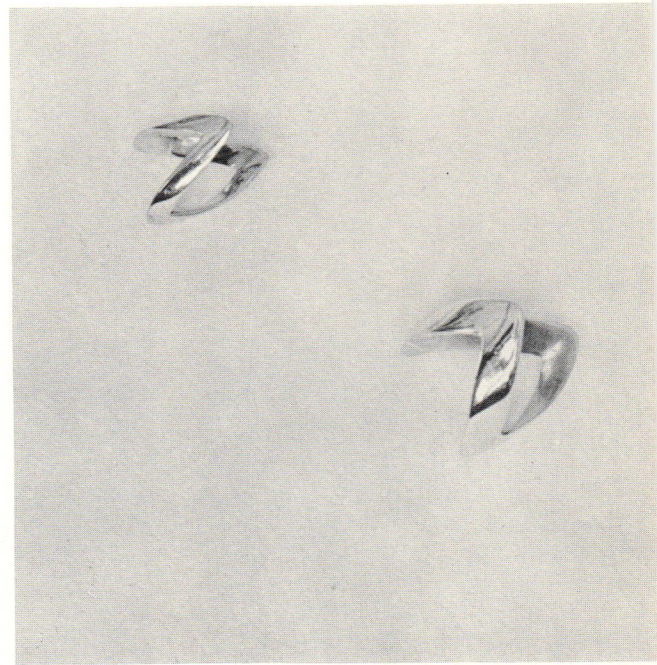
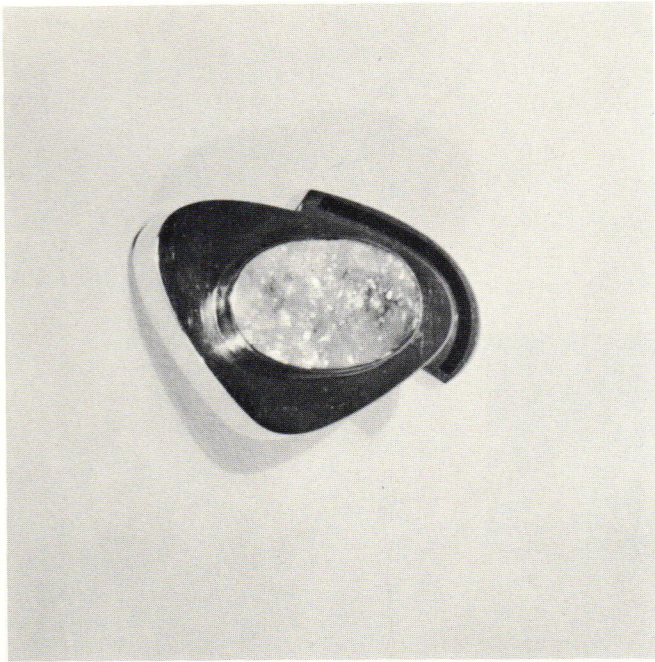
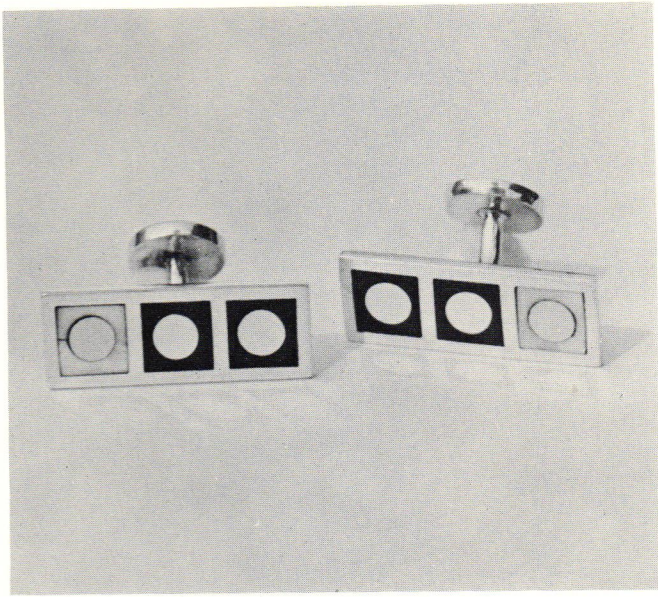
CLIFF HERROLD

Pendant, cast and forged sterling silver with blue spinel.
Pendant, sterling silver.

WILTZ HARRISON

Ring, white gold set with sapphire.
Ring, cast gold set with golden citrine.





RAY HEIN

Cuff links, sterling silver with ebony and ivory inlay.

ADDA HUSTED-ANDERSEN

Pin, gold with opal and black enamel.

EARL F. KITTLESON

Ring, yellow gold made to fit first joint on ring finger.

MICHAEL JERRY

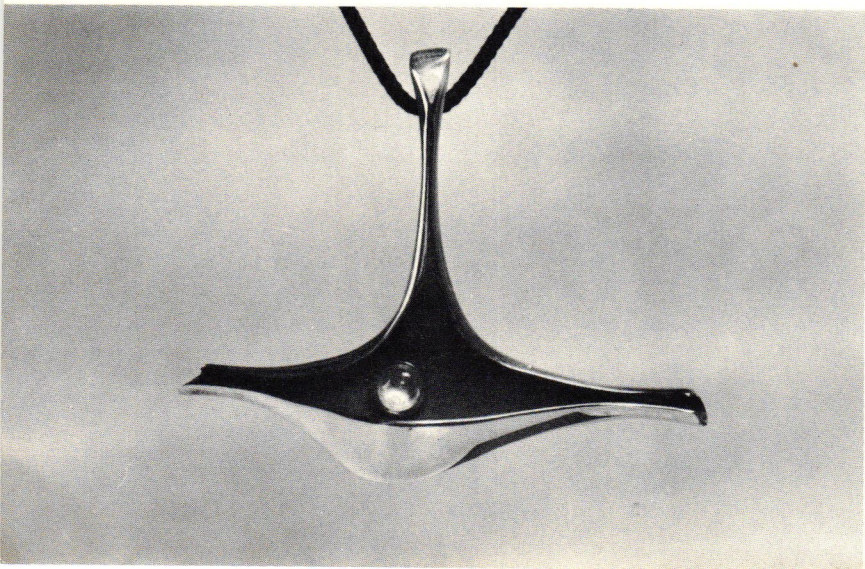
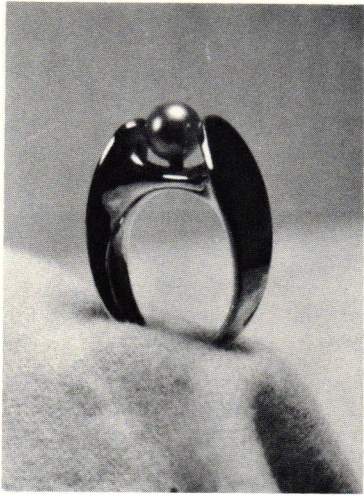
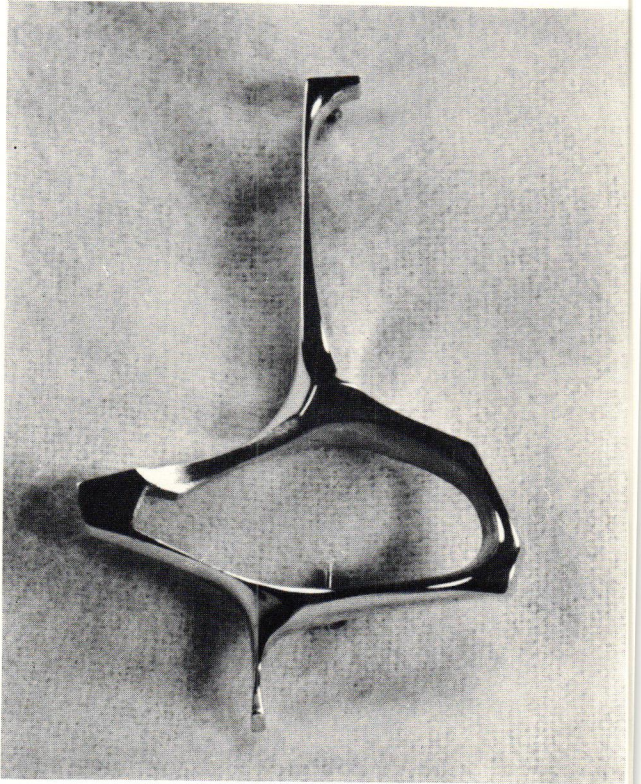
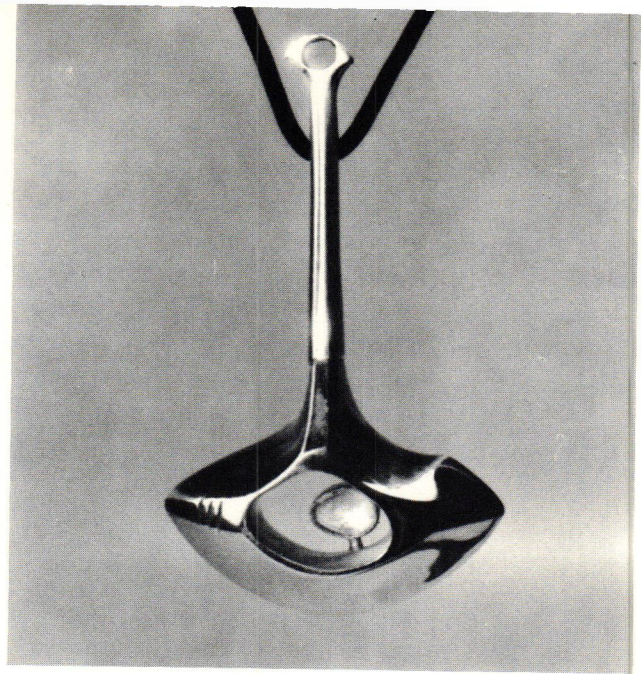
Ring, cast set with pearl.

Ring, cast set with pearl.

Pendant, cast silver set with opal.

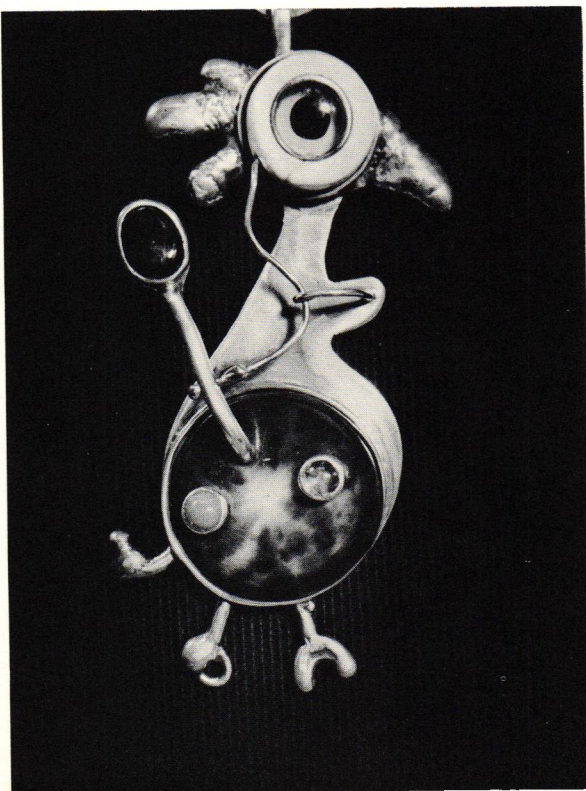
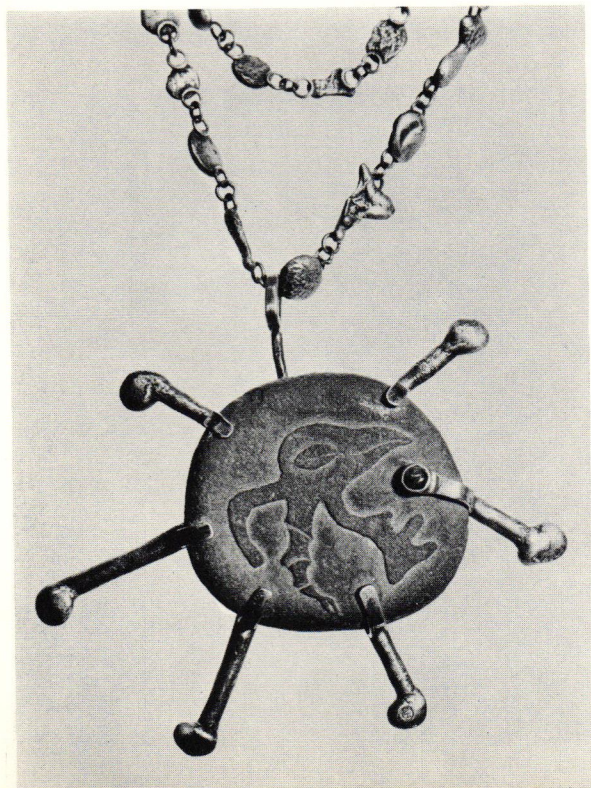
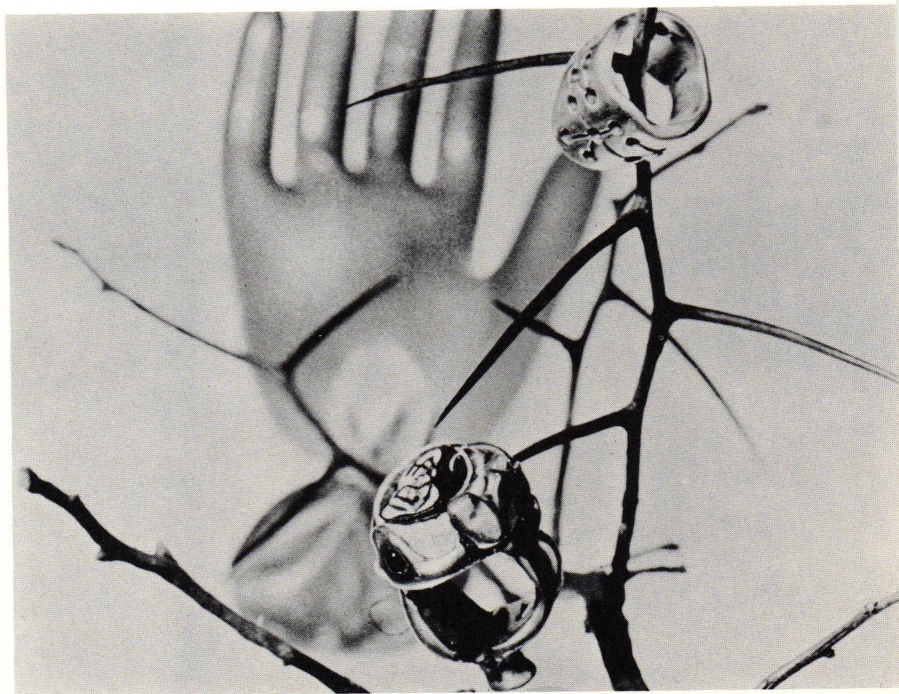
Pendant, cast silver set with opal.

Pin, cast silver.



SAM KRAMER

Left: Pendant, silver lost-wax casting with cabochon ruby setting.
Below: Finger ring, irregular band deeply chased. Finger ring, cross-section of walrus tusk with cabochon gems imbedded at sides.
Bottom, left: Necklace, flat beach pebble with spokes of half-round wire and silver chain.
Bottom, right: Pendant, gold and silver with yellow and black taxidermist's eye in ivory setting, cabochon garnet, green tourmaline and deep red coral.

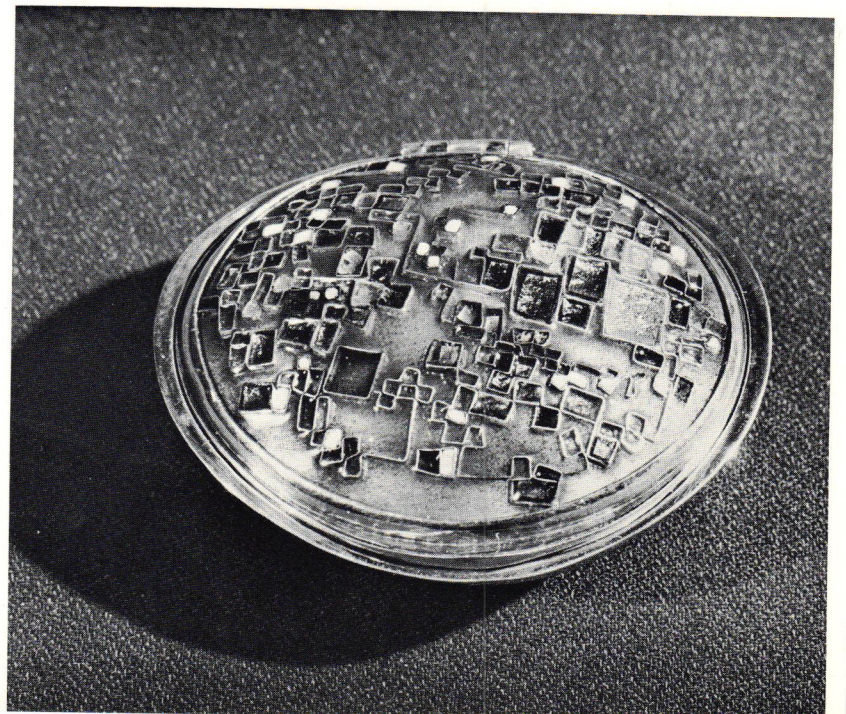
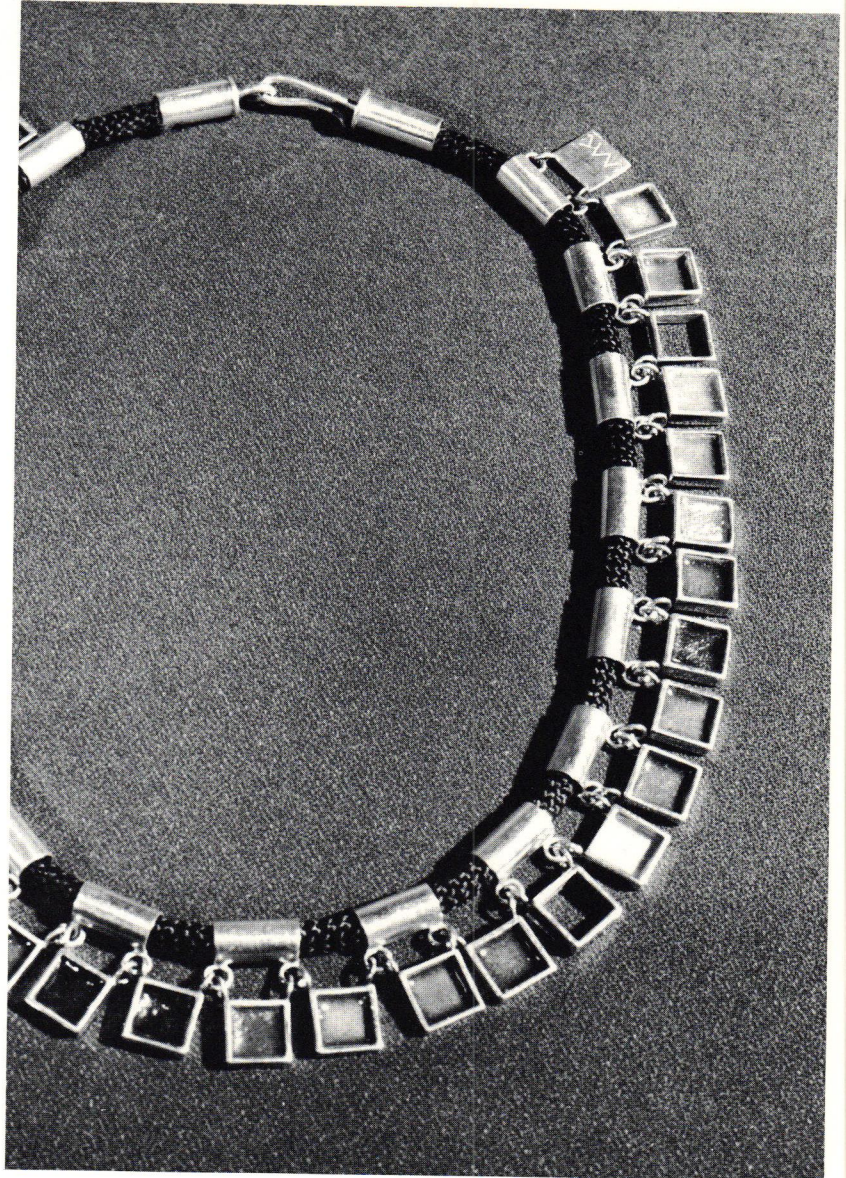


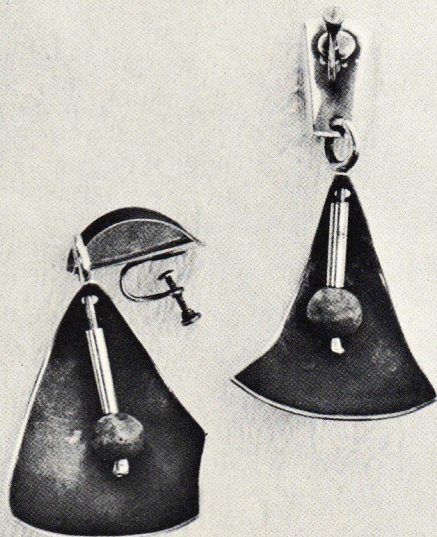
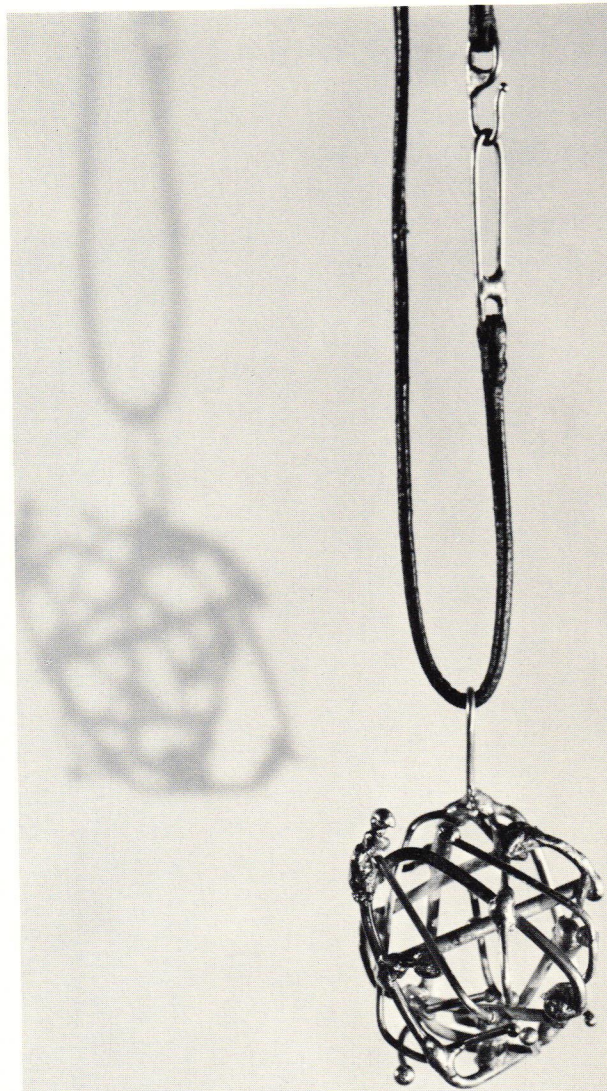
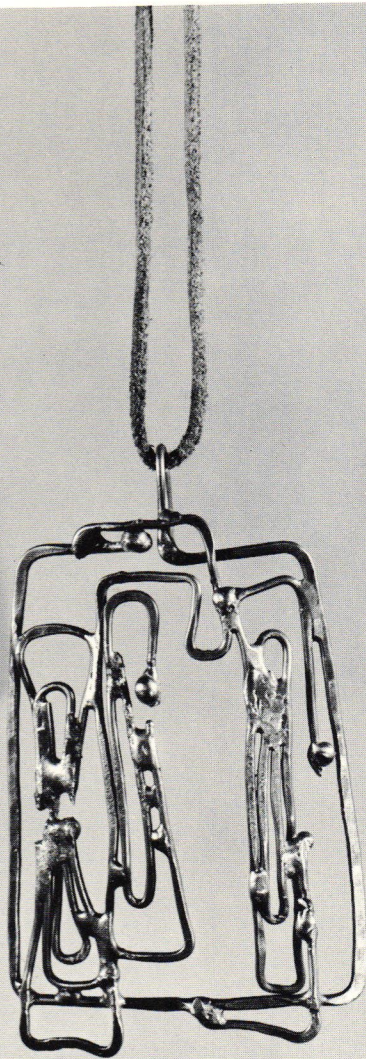
MARY KRETSINGER

*Right: Necklace, sterling silver and enamel.
Box, sterling silver and cloisonné enamel.*

EARL KRENTZIN

*Below: Pendant, cast silver with cultured black
baroque pearls.*





BOB MC CABE

*Top left: Pendant, brass and silver on leather thong.
Above: Pendant, brass cage form on black leather thong.*

LEE and PEG MCCARTY

Earrings, oxidized sterling silver with lapis lazuli.

ERNEST D. MAHLKE

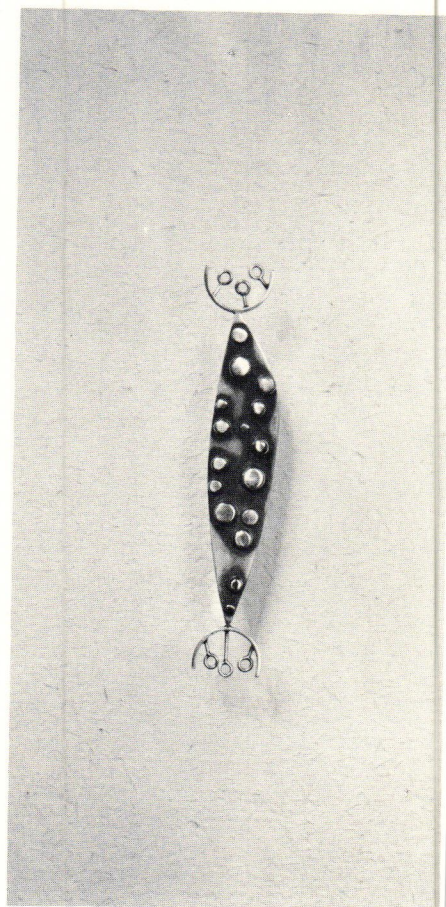
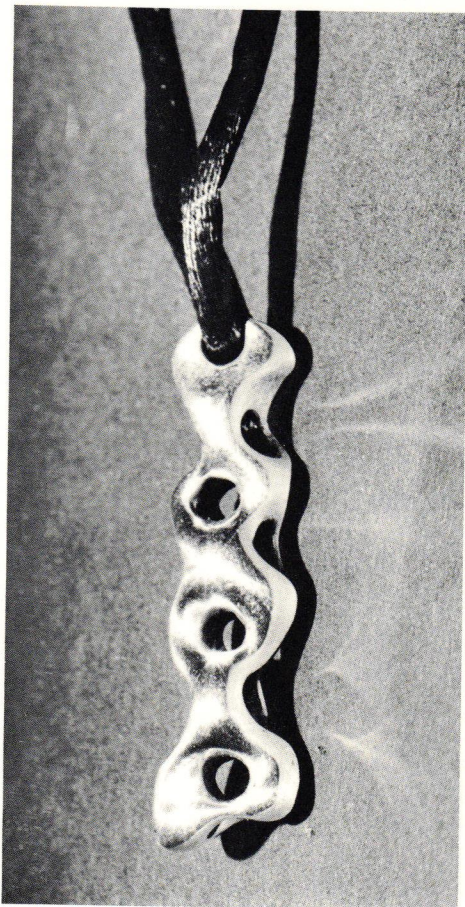
Top, left: Pendant, sterling silver centrifugal casting.

FREDERICK LAURITZEN

Top, right: Pin, silver and gold.

JOSEPH S. MORAN

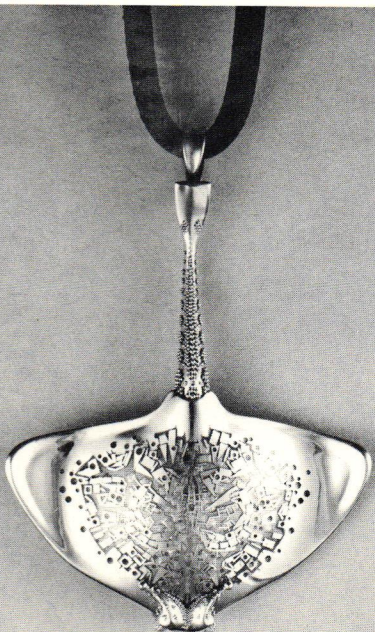
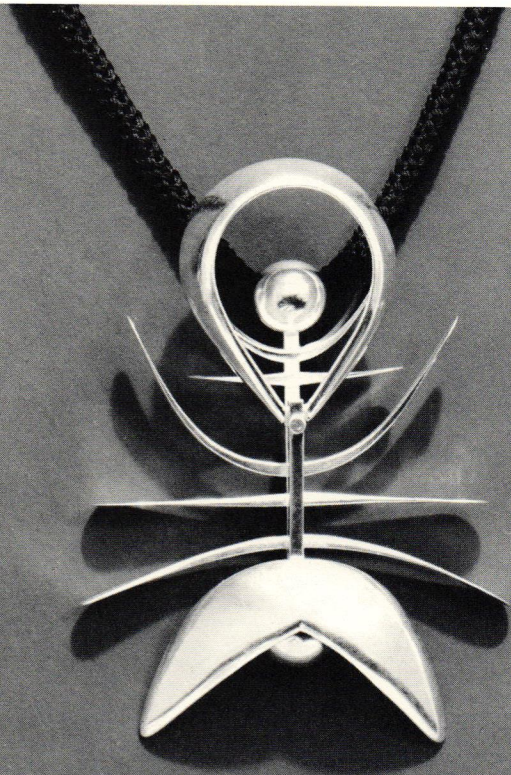
Bottom: Bracelet, sterling silver.





LAWRENCE MC KININ
Cuff links, cast brass.

JOHN PAUL MILLER
Center: Pendant, silver.
Bottom, left: Pendant, gold.
Pendant broach, gold and enamel.



ROSEMARY O'BRYAN

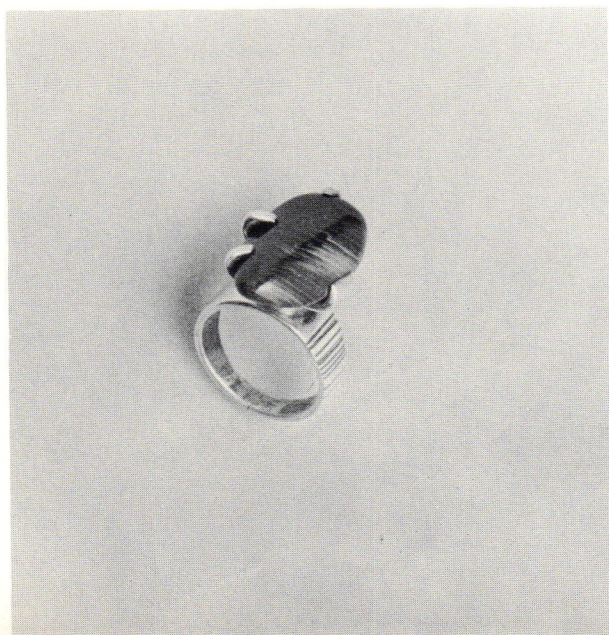
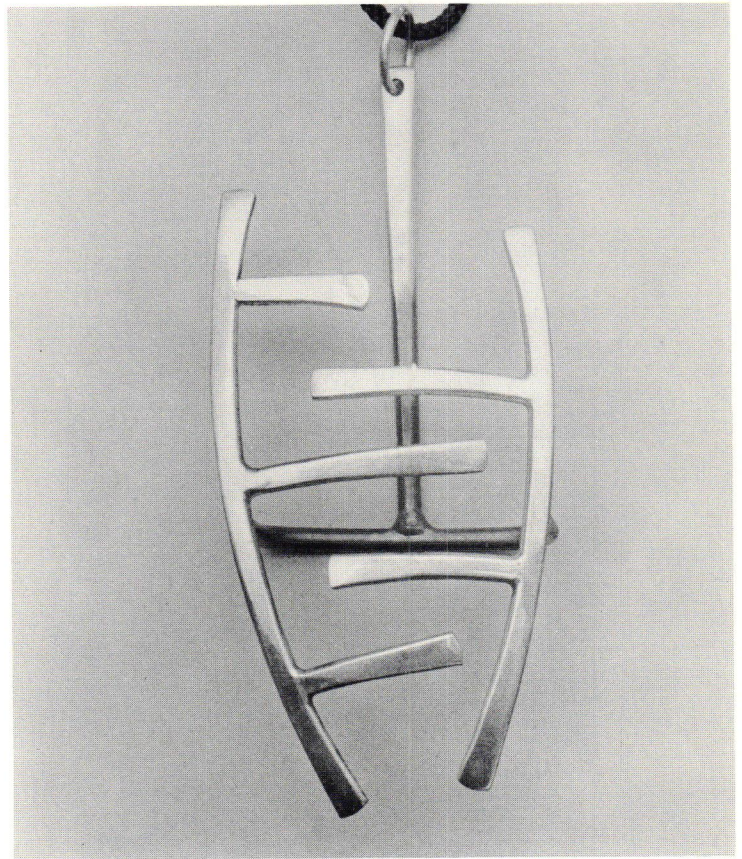
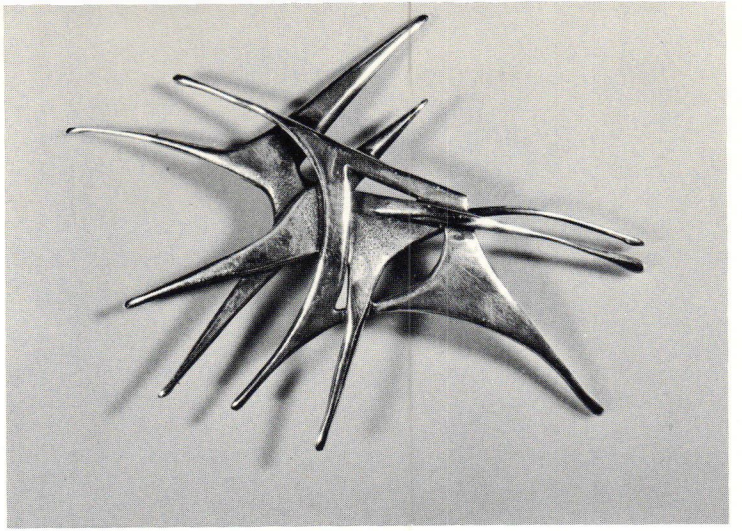
Right: Pin, sterling silver.

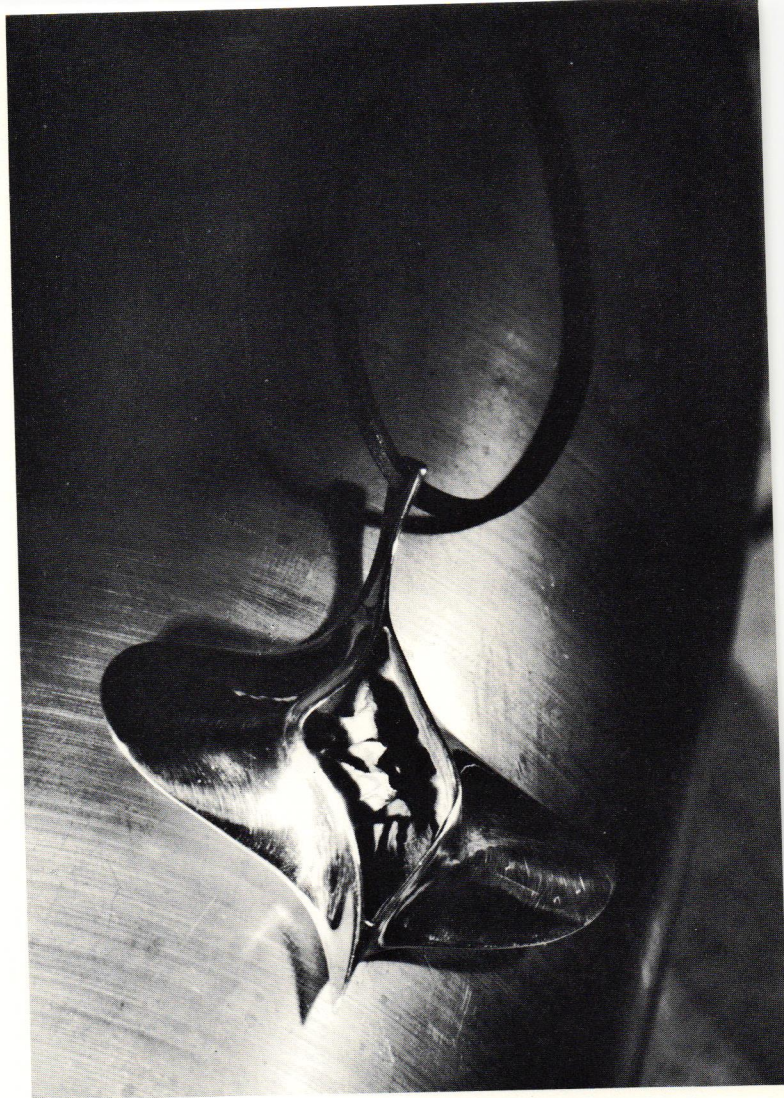
PHILIP MORTON

Bottom, right: Pendant, polished stream-rounded pebble, sterling wire.

Center: Pendant, hand-forged sterling wire.

Bottom, left: Ring, tumbled onyx, sterling setting.





RONALD HAYES PEARSON
Top, left: Necklace, yellow gold.
Above: Pendant, silver.

RUTH PENNINGTON

Top, right: Ring, forged gold with pearl and topaz.

Center, right: Ring, forged gold with baroque pearls.

ALVIN PINE

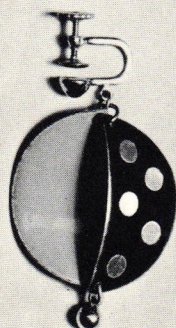
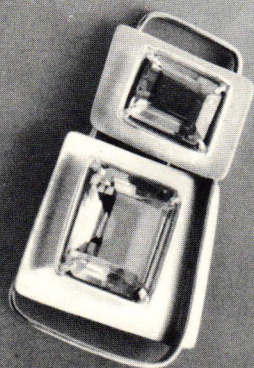
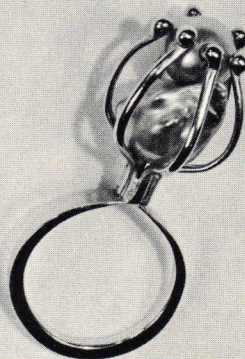
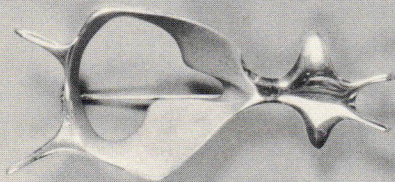
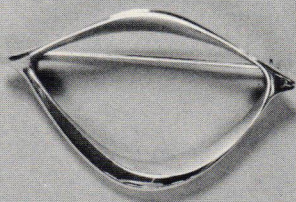
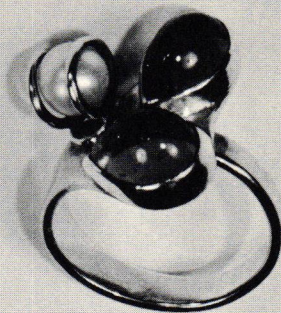
Center, left: Pins, cast silver.

CORALYNN PENCE

Bottom, left: Pin pendant, gold, amethyst and topaz.

MIRIAM SMITH PECK

Bottom, right: Earring, enamel on silver.



CORALYNN PENCE

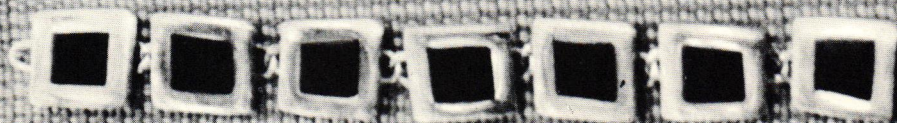
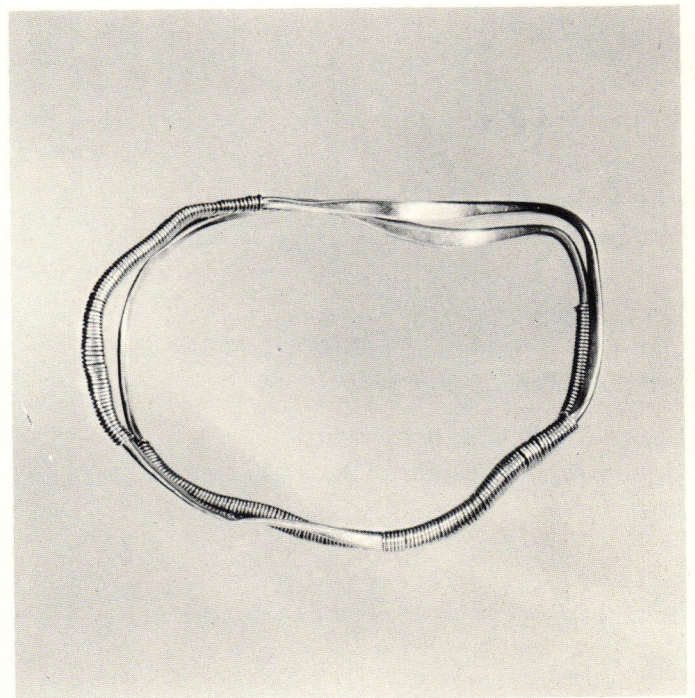
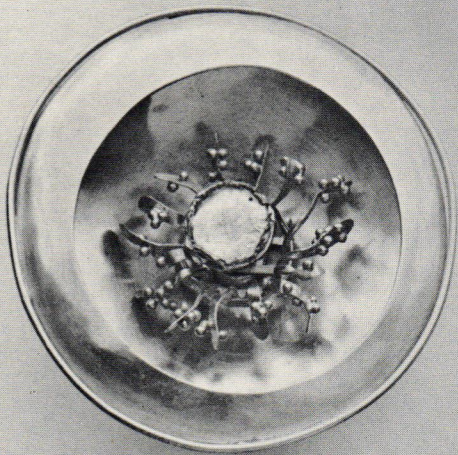
Below, left: Pin pendant, gold granulation.

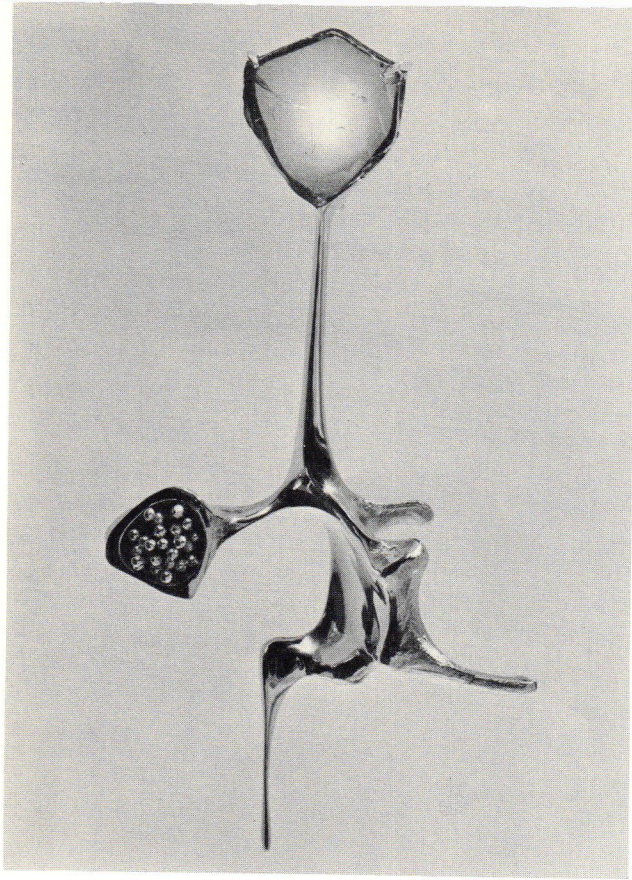
ANGELA PETESCH

Below, right: Bracelet, hammered gold wrapped with fine gold wire.

DANIEL and NELLE PETERSON

Bottom: Bracelet, sterling silver with ebony insets.





RUTH RADAKOVICH

Top, left: Pin, cast and forged gold and tourmaline.

SVETOZAR RADAKOVICH

*Top, right: Pin, gold lost-wax casting set with pearl.
Bottom: Pendant, gold lost-wax casting.*

ARTHUR L. and DOROTHY B. PRICE

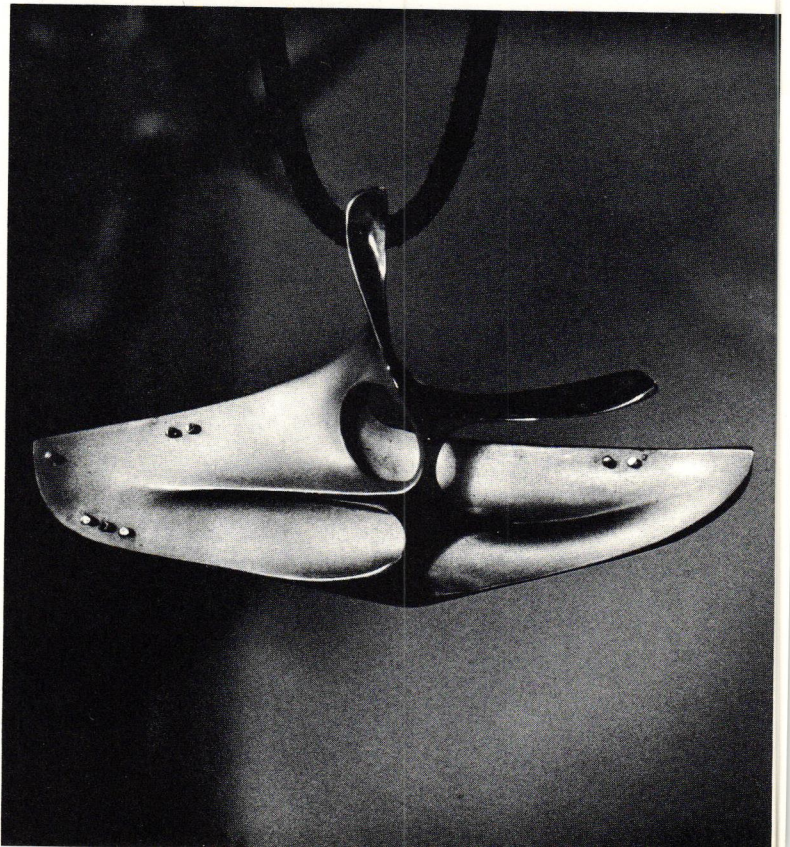
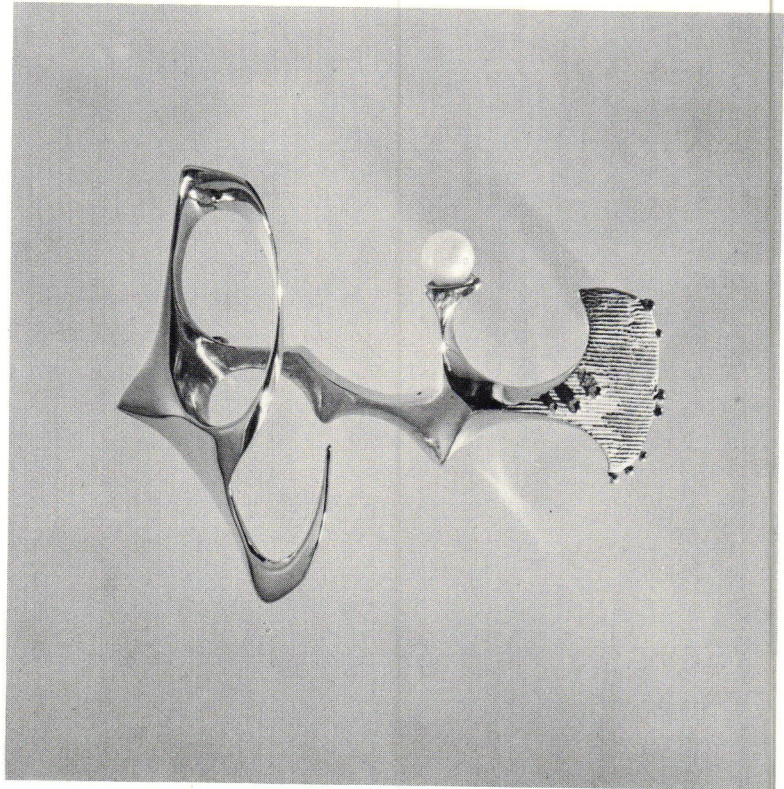
Opposite page: Cuff links and matching tie-tack, sterling silver.

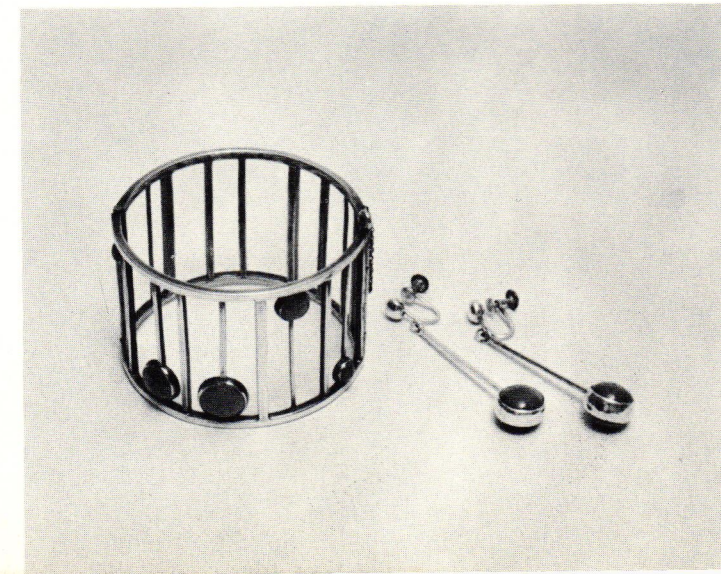
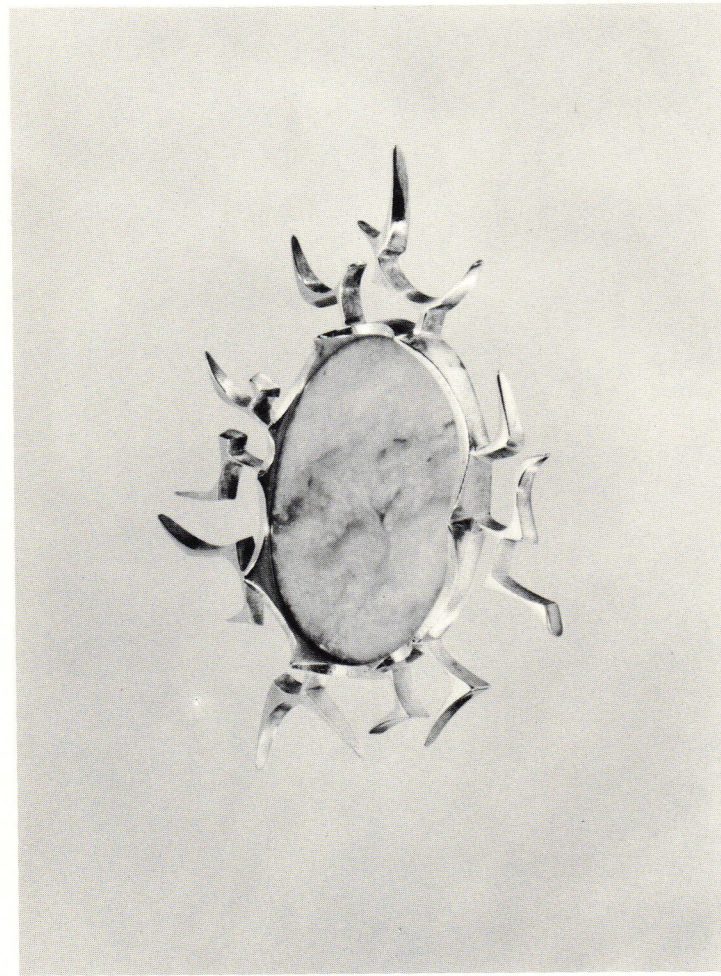
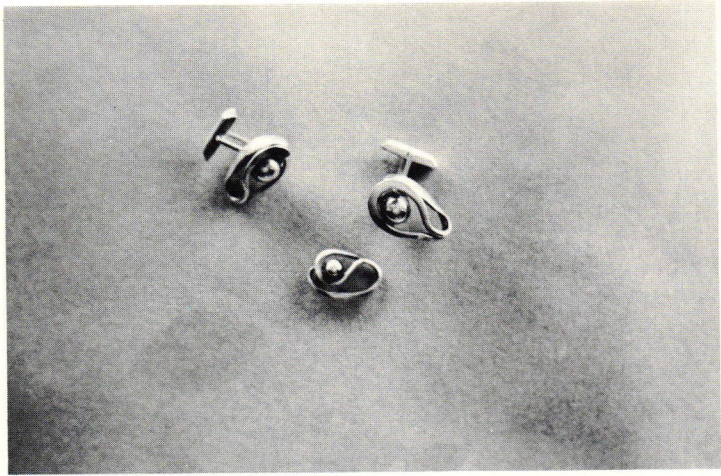
JOHN PRIP

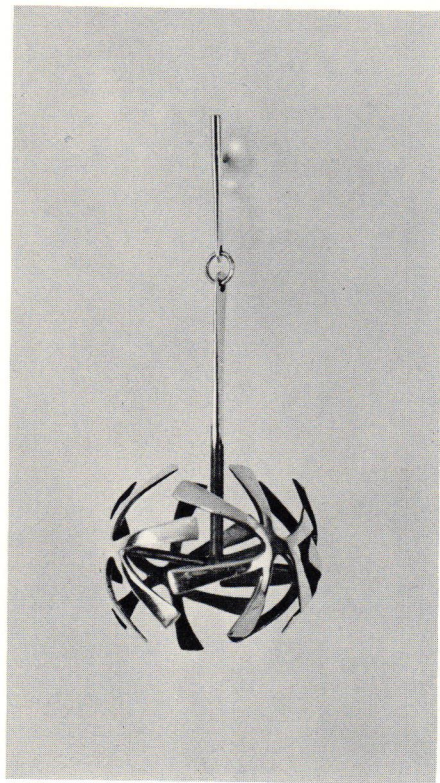
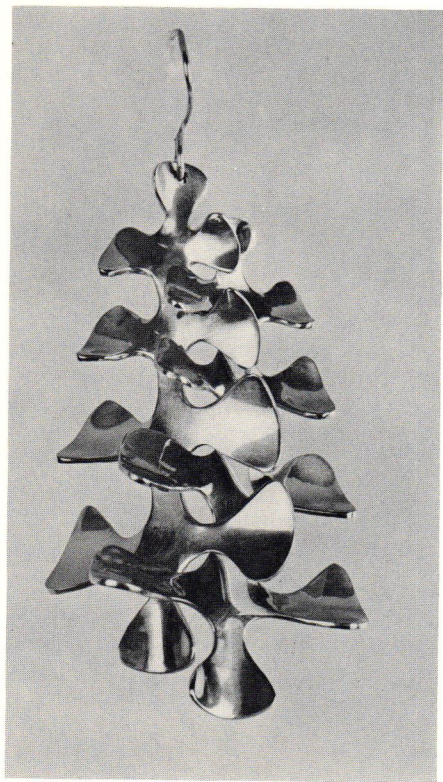
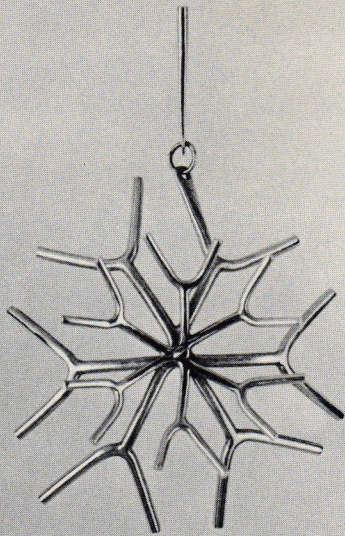
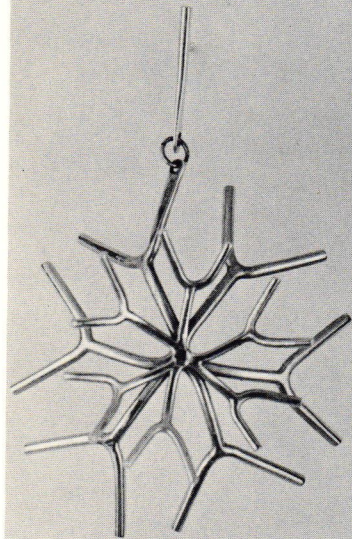
Opposite page: Pin, yellow gold set with jade.

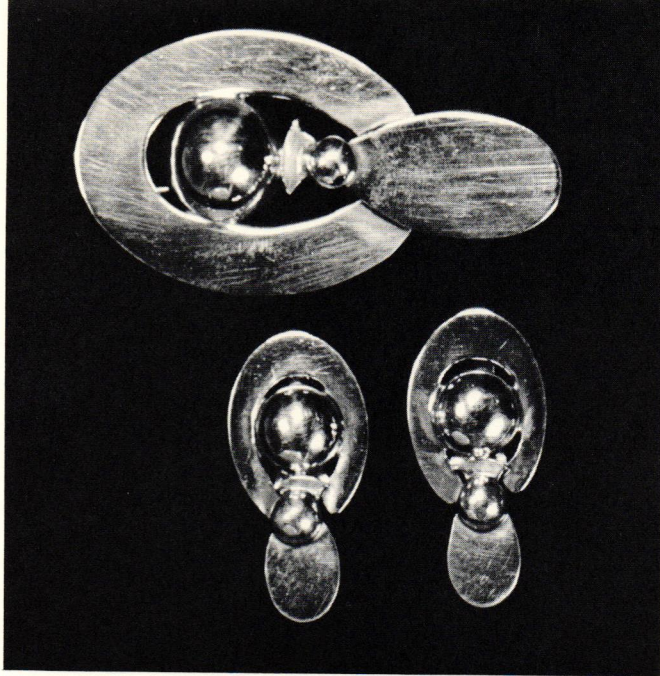
E. DANE PURDO

Opposite page: Cuff bracelet and earrings, sterling silver set with Italian blood corals.









MERRY RENK

Opposite page: Earrings, gold.

Opposite page: Earring, gold, made without solder.

Opposite page: Earring, gold.

MARIA REGNIER

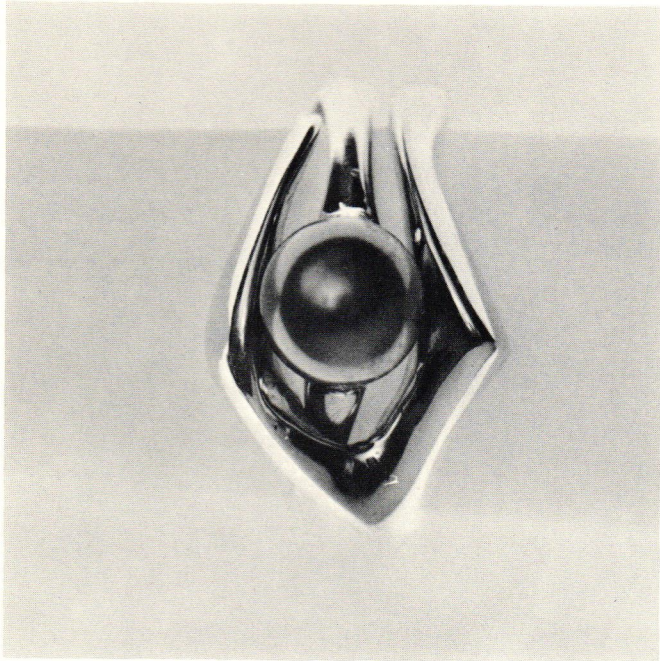
Top: Pin and earclips, sterling silver.

FLORENCE RESNIKOFF

Center: Rings, interlocking cast gold set with black pearl.

RUTH ROACH

Bottom: Set of five bracelets, sterling silver, garnets and amethysts.



MARY SCHIMPF

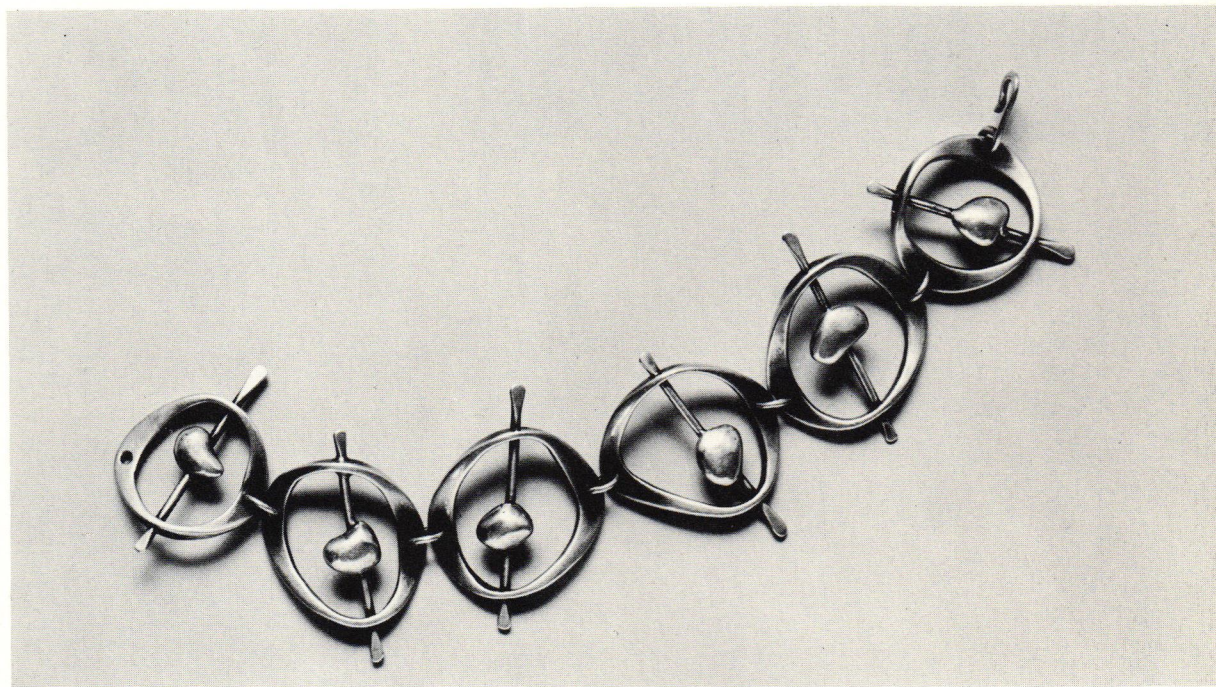
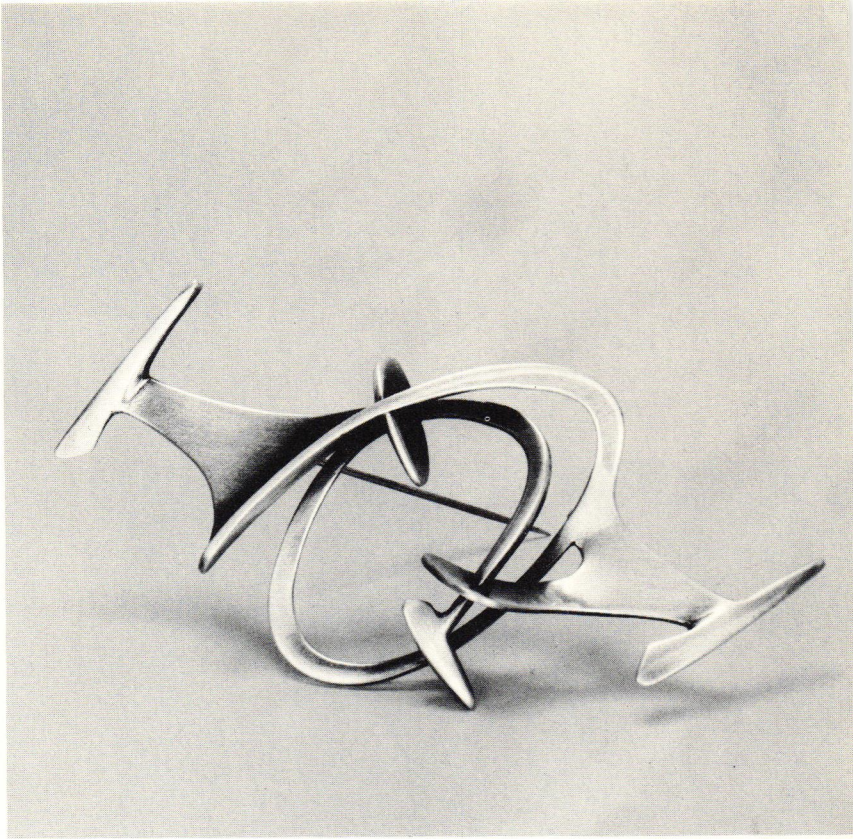
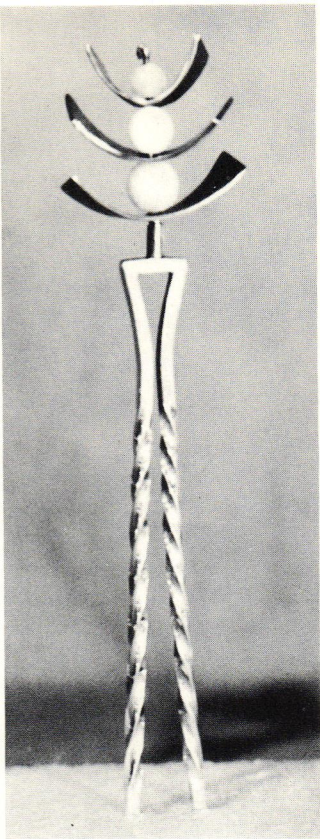
Below, left: Necklace, sterling silver with quartz crystal and cultured pearls.

Bottom, left: Ring, gold and silver set with pearls.

PEARL SHECTER

Bottom, right: Collar, sterling silver.





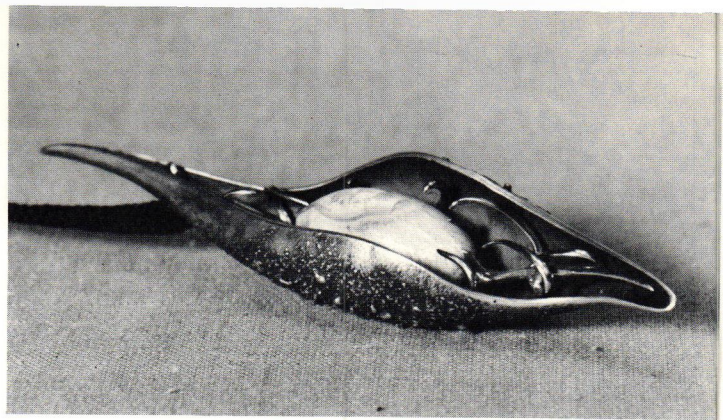
NINA VIVIAN SHELLEY

Top left: Hairpin, sterling silver with pearls.

WALTER RHODES

Top, right: Pin, silver combining forged parts and sheet metal.

Above: Bracelet, forged silver.

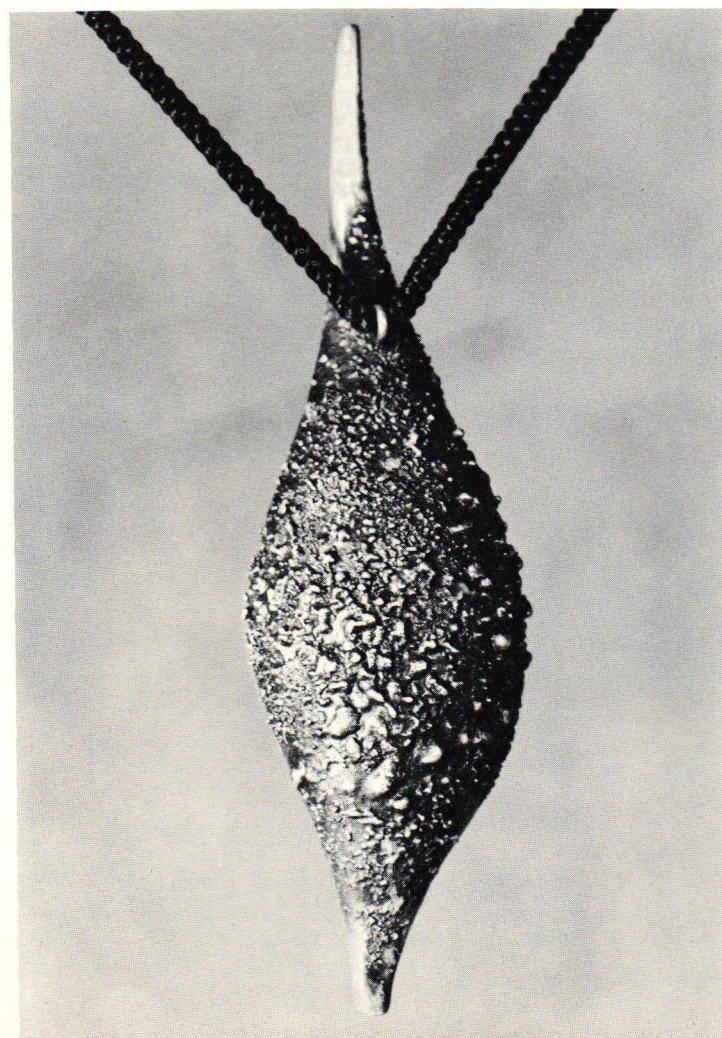
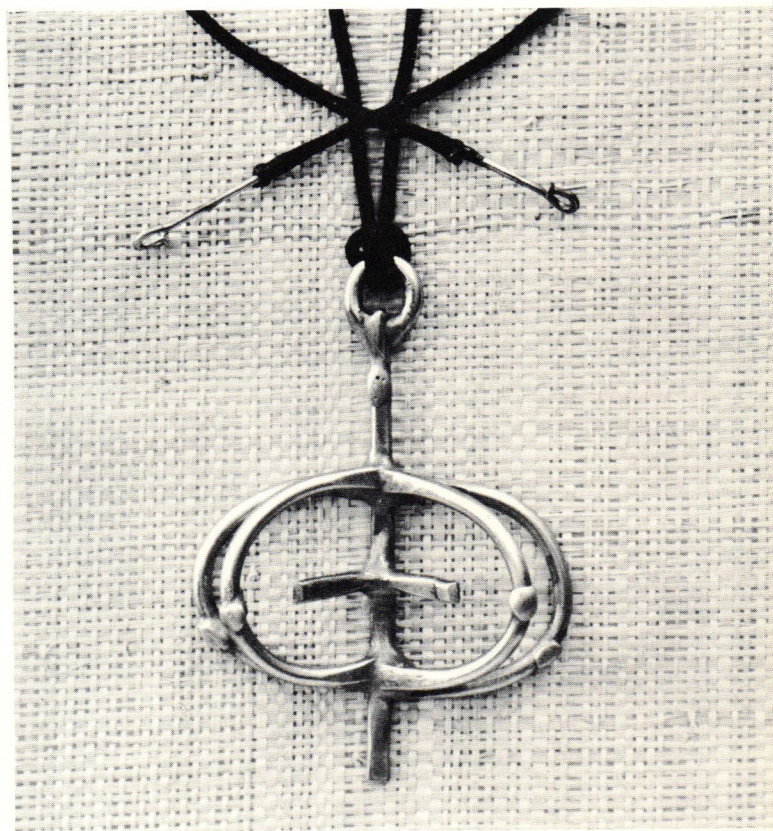
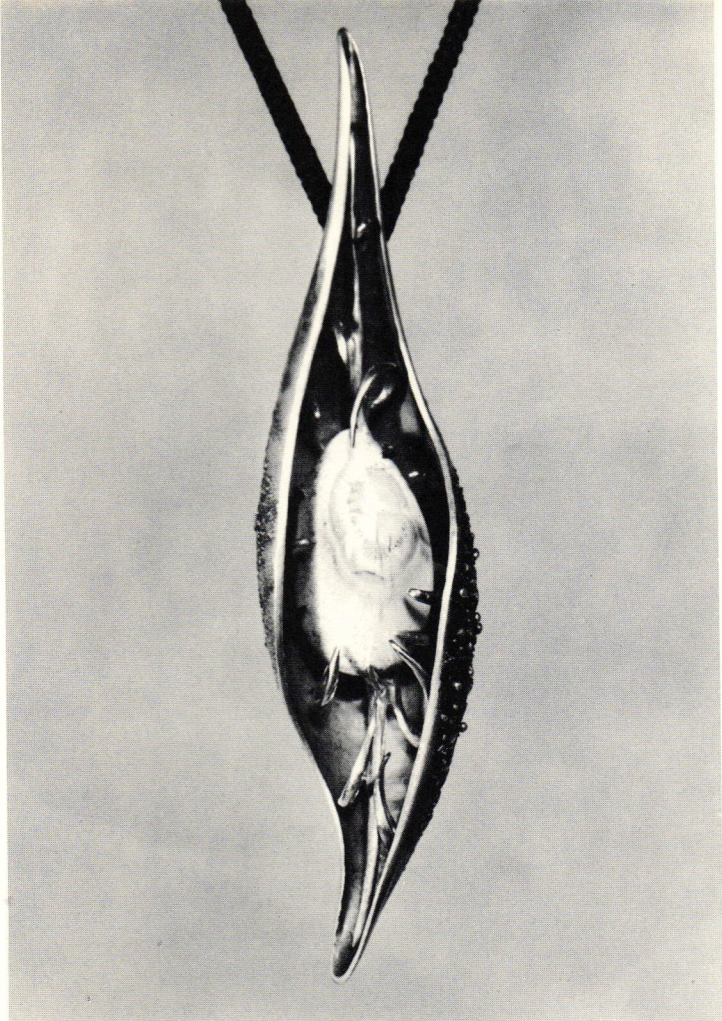


CHRISTIAN F. SCHMIDT

Above, and right: Three views of pendant, shellfish form of fused applied silver with gold casting holding tomsonite. Top, right and opposite page: Three views of pendant, seed-pod form of fused silver housing gold casting and tomsonite.

RICHARD H. SCHWANKE

*Below: Pendant, galvanized wire and soft solder.
Bottom, right: Pendant, plastic aluminum built over foam
glass and wire with inscribed design.*



NANCY SHERWOOD

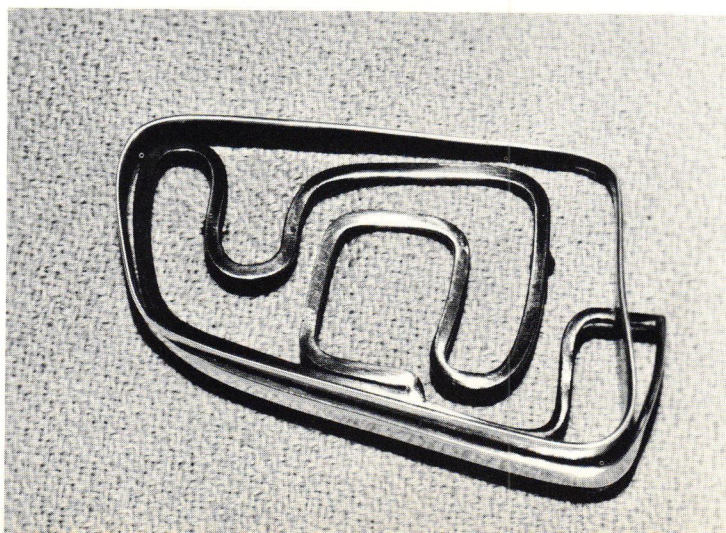
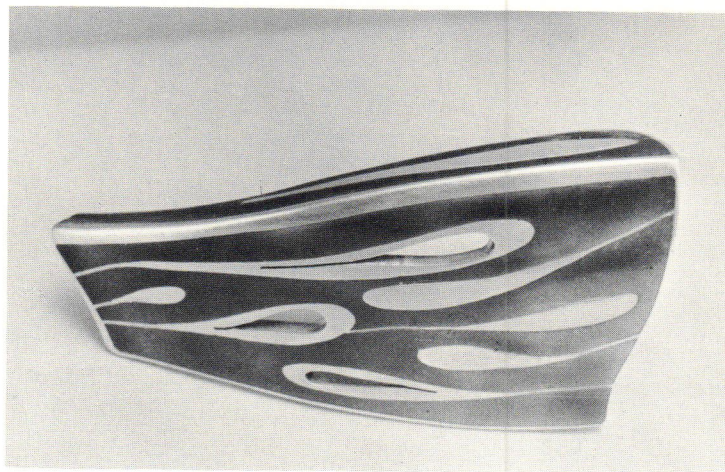
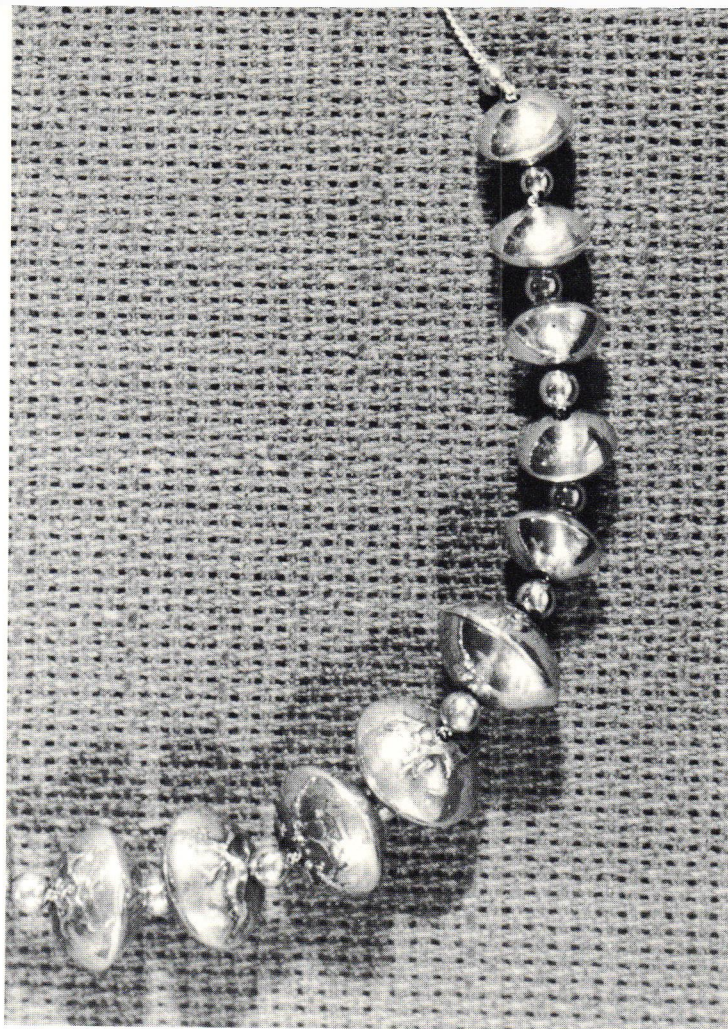
*Necklace, hollow sterling silver beads
with raised design.*

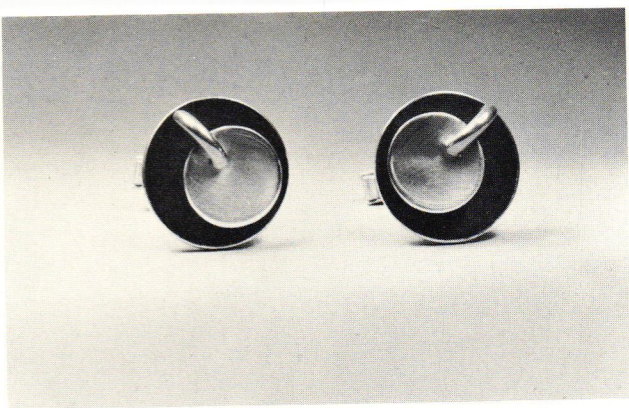
JOHN SZYMAK

Buckle, enameled sterling silver.

BERNICE A. STEVENS

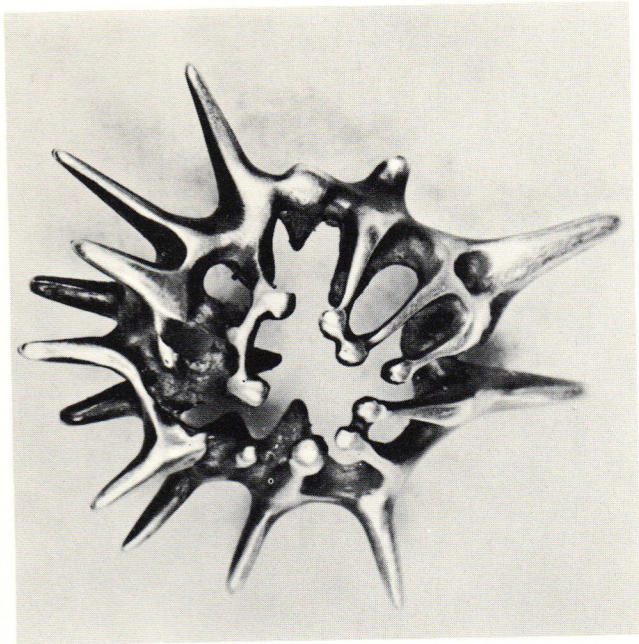
Bottom: Pin, sterling silver.



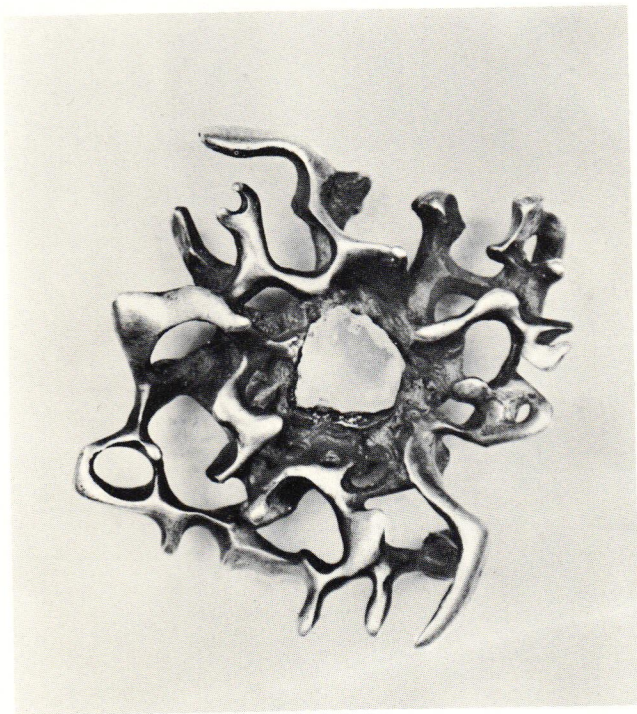


JEAN STERNE
Top: Cuff links, split-level oxidized silver.

FRANCIS STEPHEN
Pin, oxidized sterling silver.
Pin, oxidized silver opal stone.



JAN SMITH
Bottom, right: Pendant, cast sterling silver.



YONNY SEGEL

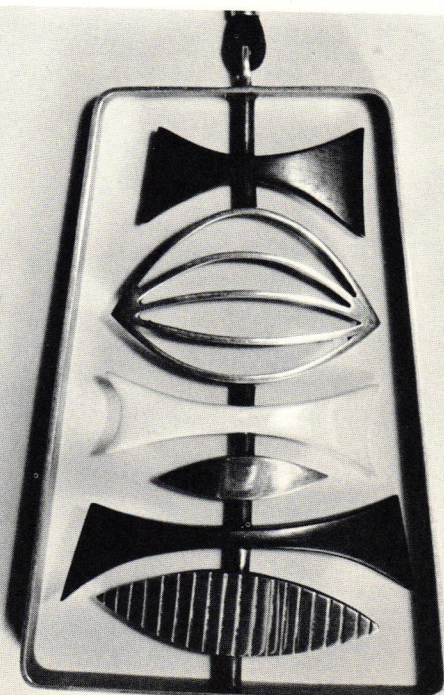
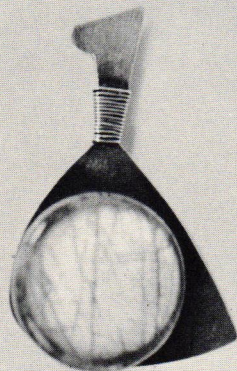
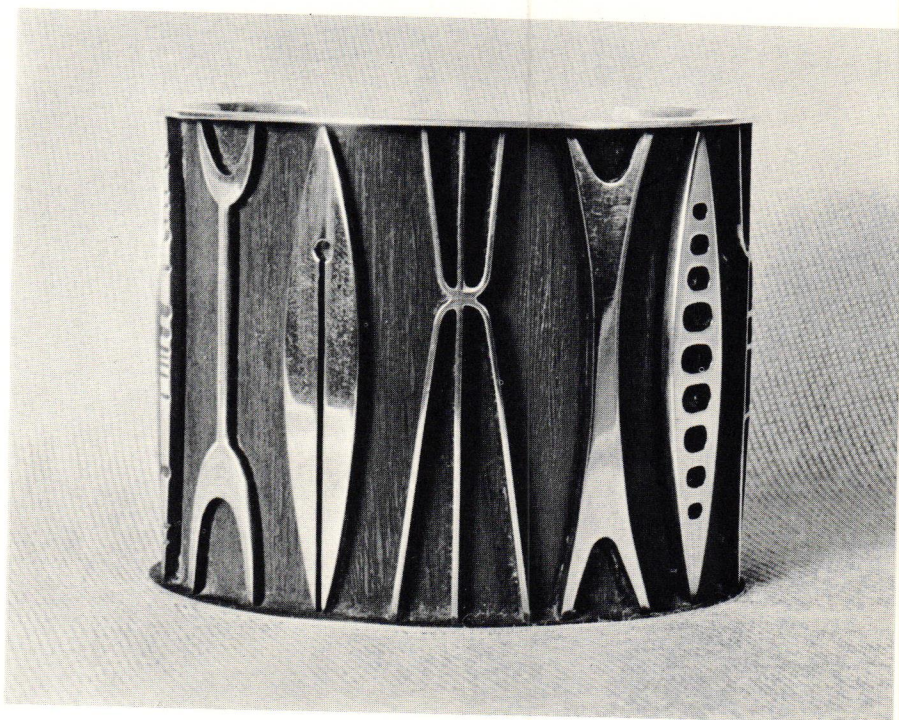
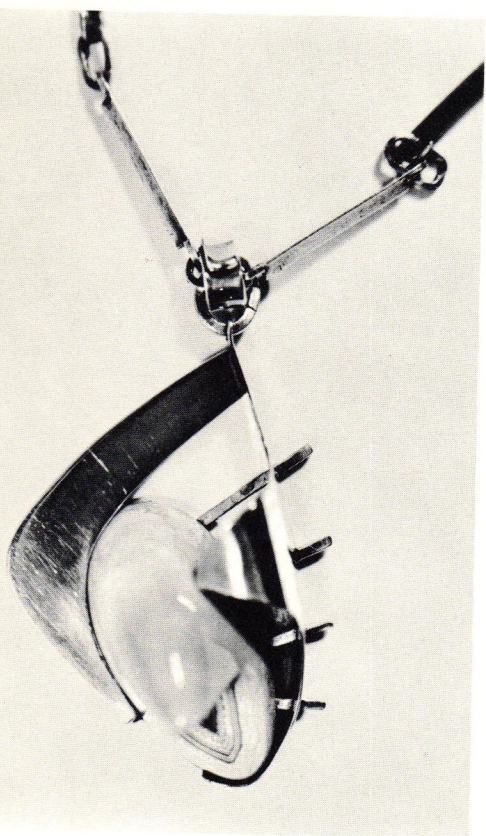
Below, left: Pendant, sterling silver and Arizona grey agate.

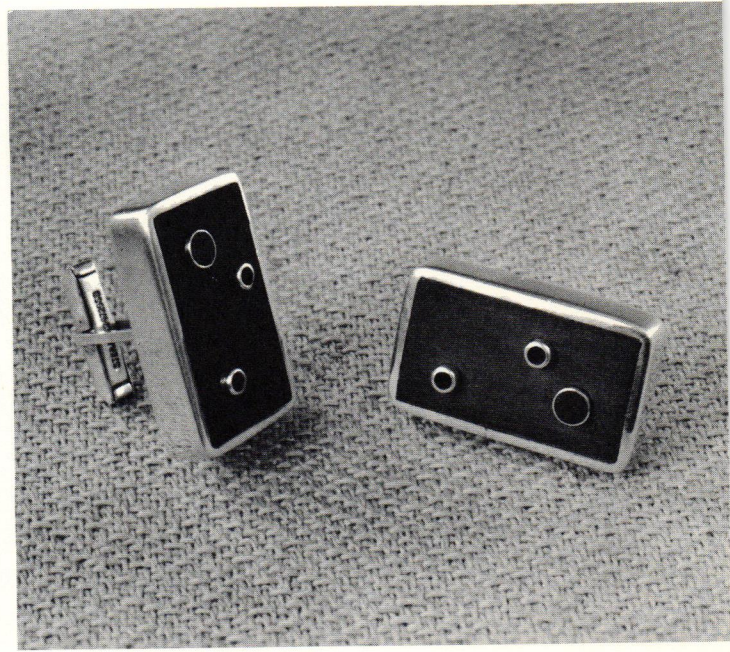
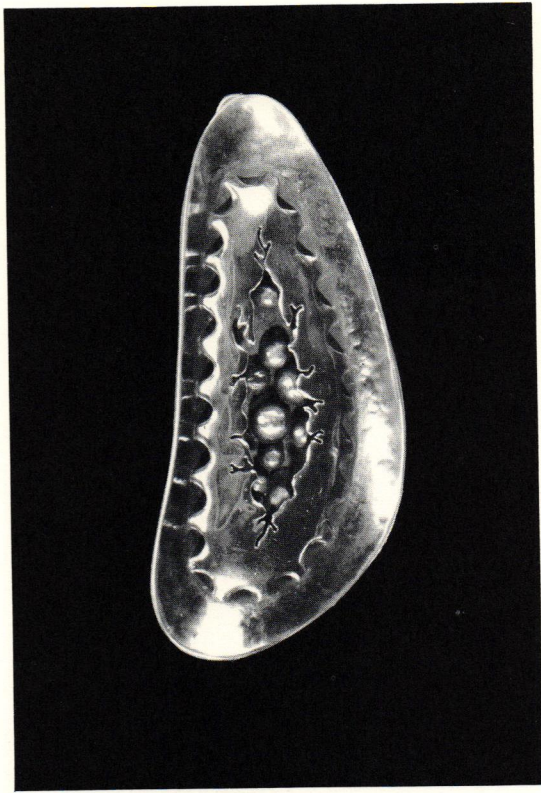
Bottom, left: Pin, sterling silver and labradorite stone.

BYRON WILSON

Below, right: Bracelet, silver and alloy.

Bottom, right: Pendant, silver, ebony and ivory.





DAVID SUITS

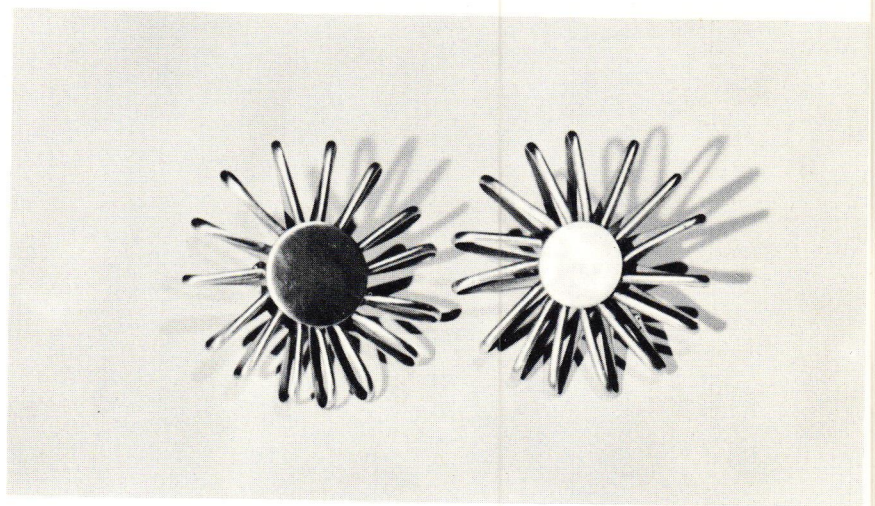
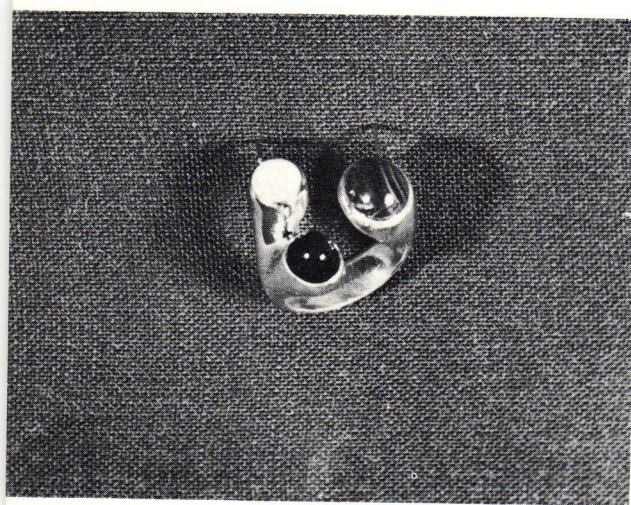
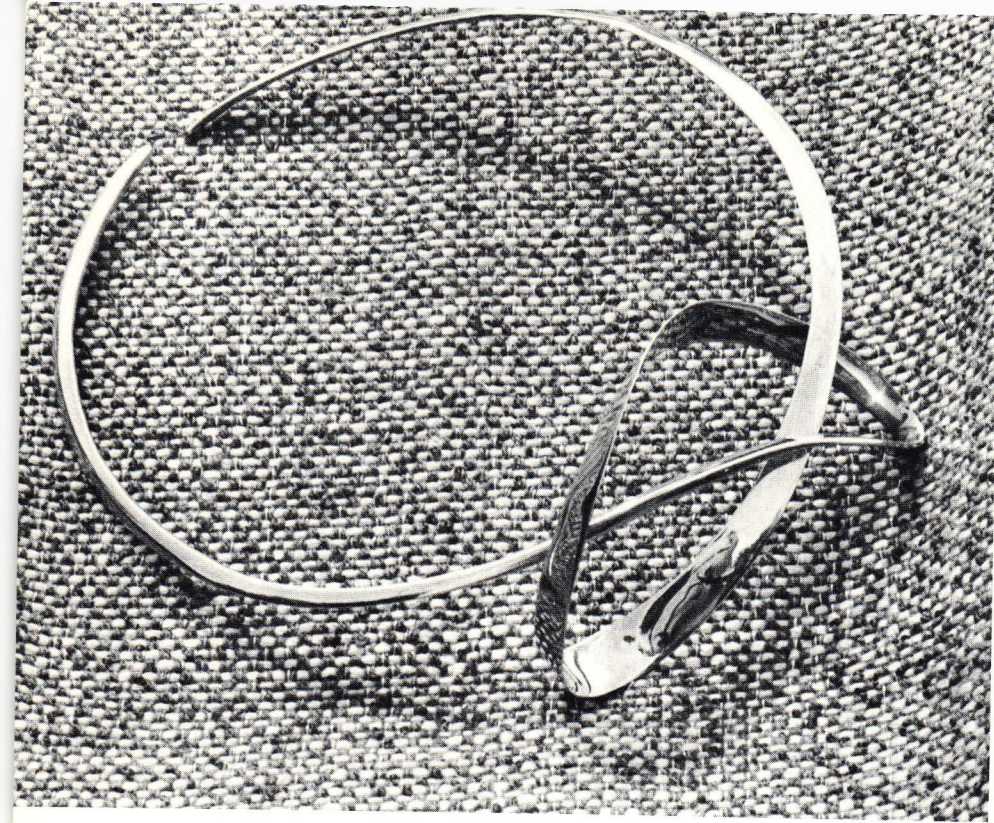
Top, left: Pin, sterling silver.

ALICE E. ZIMMERMAN

Above: Cuff links, sterling silver and Mexican walnut.

ROBERT VON NEUMANN

Bottom: Pendant, sterling silver.



MARJORIE MC ILROY WILDENHAIN

Top, left: Necklace, forged bronze.

ARTHUR A. VIERTHALER

Top, right: Pendant, sterling silver, gold and niello.

RICHARD G. THIEL

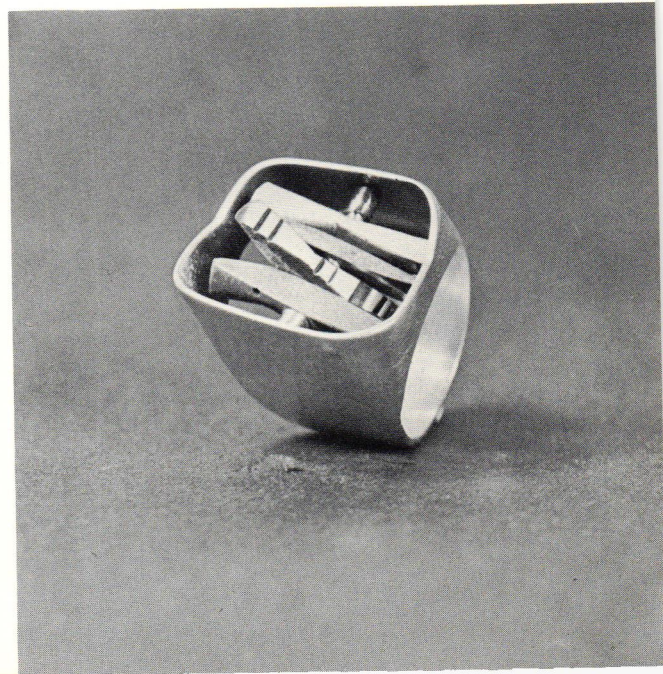
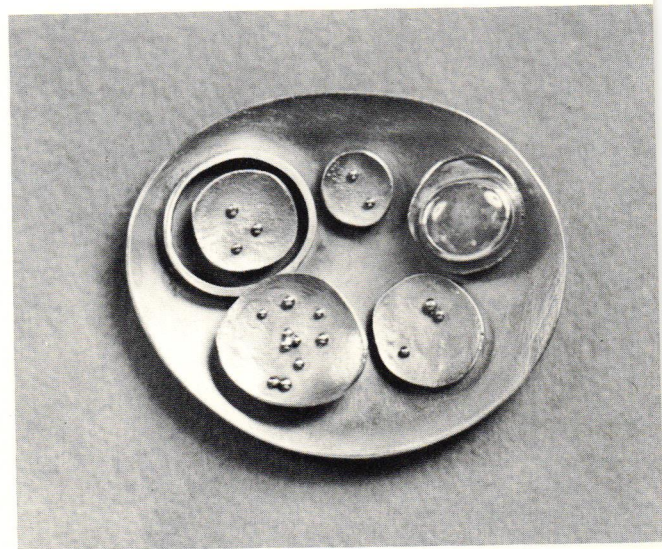
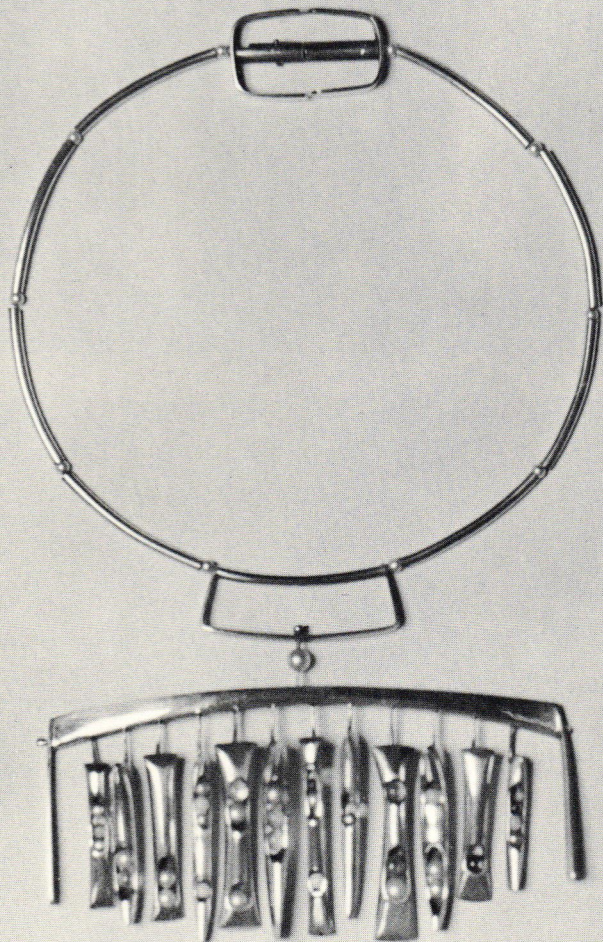
Above: Ring, silver lost-wax casting set with onyx, amazonite and malachite.

KAY WHITE

Above, right: Earrings, sterling silver.

DONALD TOMPKINS

Below left: Necklace, sterling silver with amethysts, topazes, moonstones, pearls and opals.
Below, right: Brooch, sterling silver, granulated gold and black opal.
Bottom, right: Ring, sterling silver.



BOB WINSTON

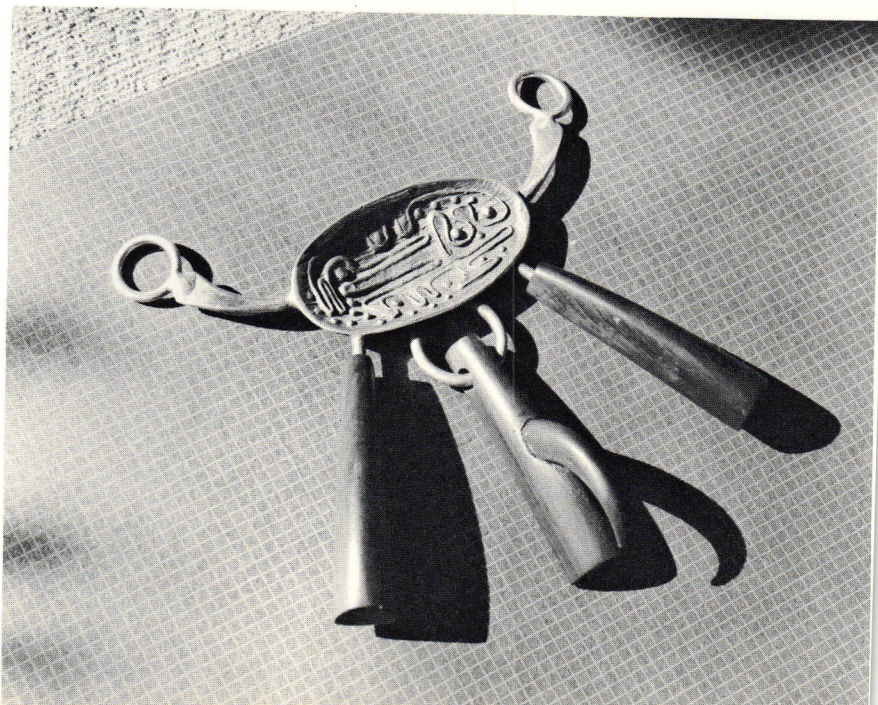
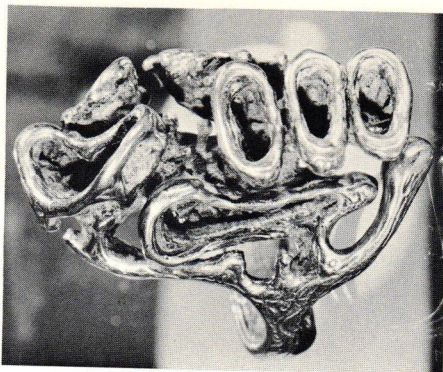
Top: Ring, gold and bronze cast.

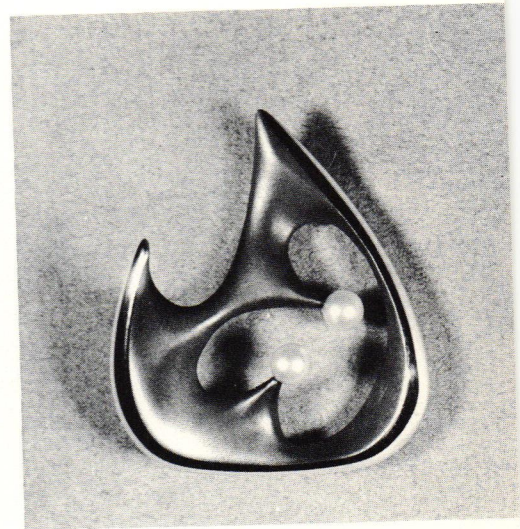
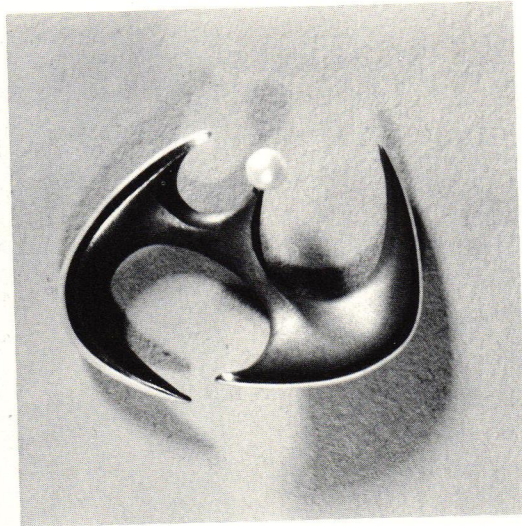
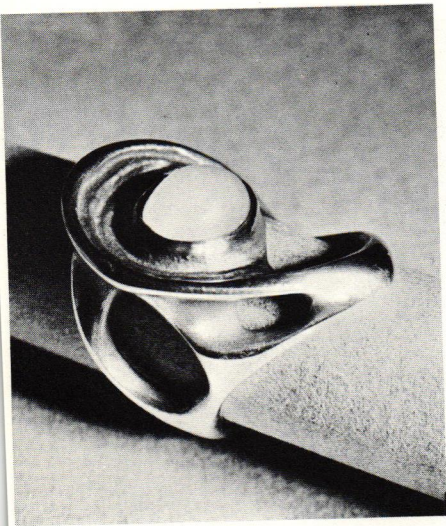
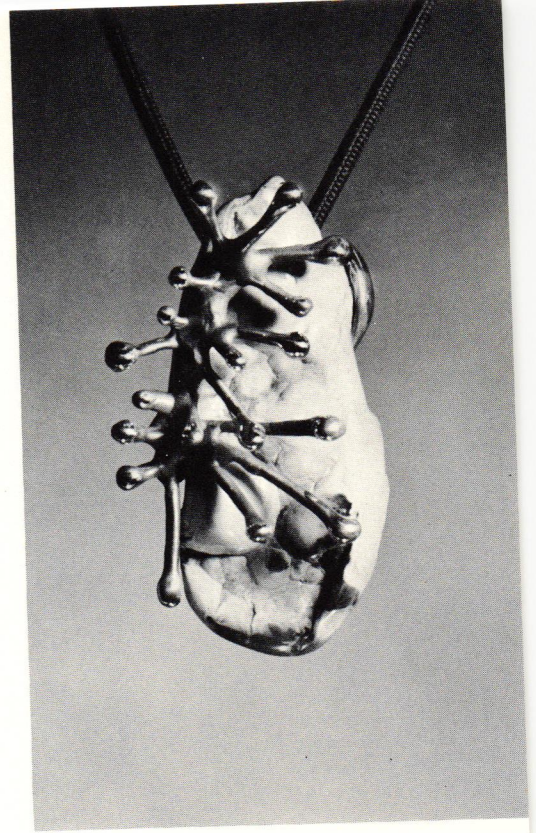
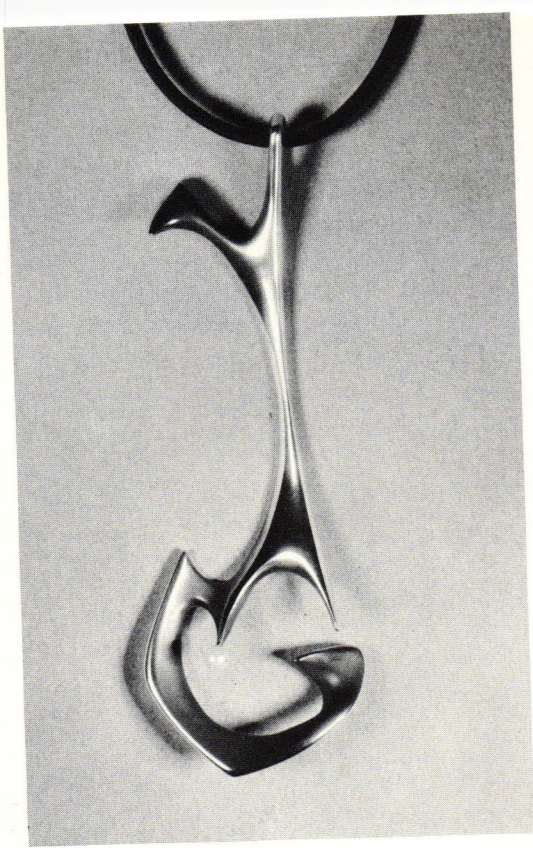
Top, right: Ring, gold with pearl and dark rutile stone.

Right: Necklace, sterling silver etched and combined with silver wire and ivory.

Below: Pendant, gold.

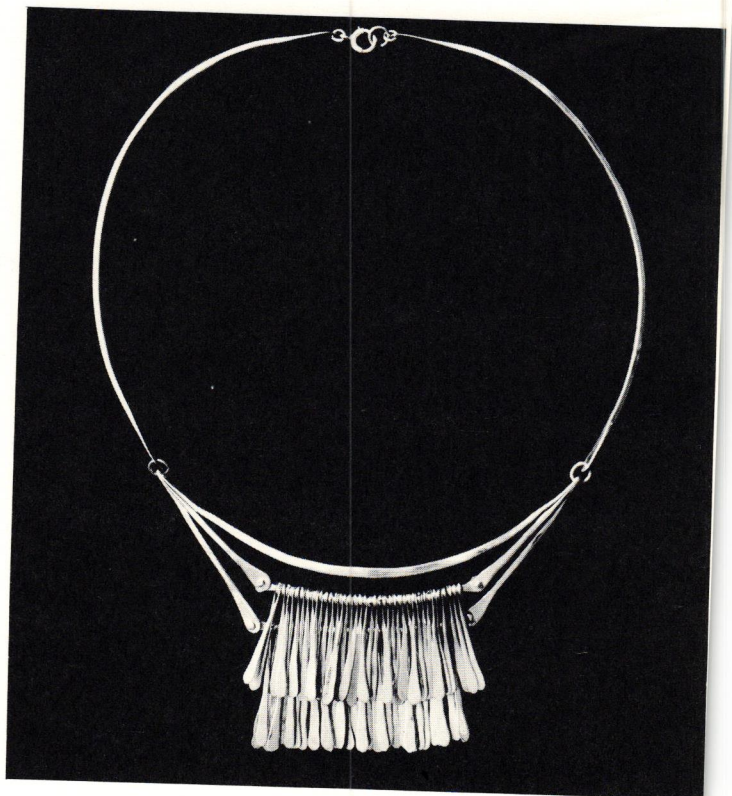
Bottom, right: Necklace, cast center combined with hammered wire, African black wood and a bird claw.





DONALD B. WRIGHT

*Top, left: Pendant, cast sterling silver.
Top, right: Pendant, cast sterling silver and agatized coral.
Above, left: Ring, cast sterling silver and moonstone.
Above, center: Pin, cast sterling silver and pearl.
Above, right: Pin, cast sterling silver and pearls.*



ERNEST ZIEGFELD

Top: Hair ornament, sterling silver.

Above: Hair ornament, sterling silver with cultured pearl.

Above, right: Necklace, sterling silver, double fringe of hammered wire.

HELEN SCHEIER ADELMAN began working with metal over thirty years ago, studied for a short time with Floyd Ackeley in New York City, then became involved in rearing a family. Six years ago she began working again on her own. Her work, in silver, wood and stones, may be purchased at her small retail shop.

GREGORY P. BACOPULOS was born in Decatur, Illinois, and graduated from the Memphis Academy of Arts in 1953. As a result of serious injuries during his service in the Second World War he is paralyzed from the waist down but continues to produce his jewelry in quantity. He is the possessor of many medals, including the Purple Heart Medal, Good Conduct Medal and Combat Infantryman Badge. He has won many prizes for his work and has exhibited in several craft shows. He works chiefly with sterling silver, copper, enamels, wood and semi-precious stones. His jewelry is available from his home workshop.

MILDRED LEE BALL attended Columbia University and taught jewelry-making at the Community Art Center in Winston-Salem, North Carolina, for ten years. She works in enamel, ceramics and sterling silver. Her work is for sale at her home workshop in Winston-Salem.

JANE BECKMAN attended Lawrence College, the University of Wisconsin, and Layton School of Art, Milwaukee. She works in silver, gold, copper and brass, but most of her work is in silver. Her custom work is available from her own shop in Milwaukee.

MARK BOHROD studied with Fred Lauritzen and F. Carlton Ball at the University of Southern Illinois, Carbondale; with Arthur Vierthaler and Earl Krentzin at the University of Wisconsin; with Richard Thomas at Cranbrook Academy of Art; and with Robert von Neumann at Oxbow Summer School of Painting, Saugatuck,

Michigan. He works for the most part with silver, gold and wood. However, at present he is experimenting with the use of plastics in combination with other media. His work may be purchased from him at his home in Madison, Wisconsin.

FRANCES HOLMES BOOTHBY, a graduate of Iowa State College, taught art and physical education in the Waverly (Iowa) Public Schools, and at the Metairie Park Country Day School, New Orleans. She was a jewelry instructor at Emma Willard School, Troy, New York, and at the Fletcher Farm Crafts School, Ludlow, Vermont. Since 1955 she has been jewelry instructor at the Birchkill Arts and Crafts Guild, Troy. She works in silver and gold with exotic woods and/or semi-precious stones. Her work may be purchased from her Silver Workshop in Weston, Vermont.

MICHAEL J. BRANDT, JR., graduated from Wisconsin State College, Milwaukee, where he received his M. A. He has taught both at the high school and college levels. At present he is head of the art departments, Appleton (Wisconsin) Public Schools. His recent work has been with cast and hand-wrought silver jewelry forms combined with enamel and castolite inlays. He does commission work in other types of hand-wrought silver as well as jewelry.

HOWARD and JUANITA BROWN, a husband and wife team, maintain a studio in their home in Pittsford, New York. Howard received his B. F. A. in industrial design from the University of Illinois, his M. A. from Michigan State University in painting and sculpture, and his M. F. A. at Cranbrook Academy of Art in design and metal work. He taught at Michigan State University, New York State University College, and is now head of three-dimensional design at Rochester Institute of Technology, Rochester, New York. His professional experience includes work with

Norge Division of Borg Warner Corporation, Detroit; Taylor Instrument Company, Bausch & Lomb Optical Company, and E. E. Fairchild Packaging Corporation, all in Rochester, New York. Juanita received her B. F. A. from the University of Illinois in industrial design, her M. A. in ceramics from Michigan State University. She taught design at Michigan State University, interior design at Rochester Institute of Technology, and is currently heading jewelry classes and teaching ceramics at the Memorial Art Gallery, University of Rochester. Their work, in sterling silver and bronze with precious and semi-precious stones, is for sale at their studio.

IRENA BRYNNER was born in Vladivostok, Russia, and graduated from high school and college at Harbin, Manchuria. She spent four years in Lausanne, Switzerland, at the *École Cantonale de Dessin et d'Art Appliqué*, continued private study with the foremost painters in Manchuria and studied sculpture with Ralph Stackpole in San Francisco. She also attended the California School of Fine Arts in San Francisco and the College of Arts and Crafts in Oakland. She has taught art to children of all ages at the Mary Knoll Mission in Dairen, China, where she also held private classes in painting and sculpture; and in San Francisco she has taught in private high schools. Her work is done almost exclusively in gold with precious stones—black pearls, emeralds, opals, jade, sapphires and diamonds—with the metal wrought and shaped to integrate with the gems. She hammers gold into varying linear patterns that need no clasp, manipulating the temper and flexibility of the metal to make it work on a spring principle. Her work may be purchased in her own shop.

ELEANOR CALDWELL received her B. S. from Southwest Missouri State College, Springfield, her M. A. from Columbia University, and is now working for her Ed. D. at Columbia University Teachers College. She has taught art at the high school level in Waterloo, Iowa, and at Southwest Missouri State College. During the 1959 summer session she will teach enameling and weaving at Columbia University Teachers College. For the most part her work is in silver, gold and ebony, available at present only on commission.

SHIRLEY LEGE CARPENTER was born in Galveston, Texas, attended Hockaday School, Dallas; Ward-Belmont School, Nashville; and the University of Texas, Austin. Since 1955 she has studied continuously with John Szymak, instructor of the Dallas Craft Guild, in classes in silversmithing and jewelry. She works mostly in gold with precious and semi-precious stones. Inquiries as to sales should be addressed to her home.

MAXWELL CHAYAT was born in Paris and became an apprentice in the jewelry trade in this country while in his teens. He attended Columbia University, where he received both his B. A. and M. A. in fine arts. He taught art in New York City until World War II when he served as Air Corps Intelligence Officer in the Asiatic Pacific. After the war he taught jewelry design under the Veterans Re-training Program, then became associate professor and head of the art department at New Mexico State Teachers College in Silver City. He makes and sells his jewelry at his home near Clinton, New Jersey. His work is mainly in sterling silver. Well-known for his use of semi-precious stones, he makes custom settings for people who bring him their unset stones.

BETTY COOKE was born in Baltimore. She received her B. F. A. from the Maryland Institute of Art and Johns Hopkins University. She also studied at Cranbrook Academy of Art and taught design at the Maryland Institute of Art for three years. Her work is available directly from her and through many shops throughout the country. She is a partner of Cooke & Steinmetz, Designers & Consultants, serving architects, business and industry. She produces leather bags, jewelry, bells, fireplace equipment and many custom household accessories.

RUSSELL E. DAY received his B. A. from Washington State College, his M. F. A. from the University of Washington, and did graduate work with the International School of Art, University of Guadalajara, Washington State College, the School for American Craftsmen and Rochester Institute of Technology. He has taught art at both the high school and junior college levels and has been guest instructor at the University of

Washington and the University of British Columbia. Currently he is head of the art department at Everett Junior College, Everett, Washington. He has traveled extensively in Europe and the North American continent. He works in gold and sterling silver with precious stones. Inquiries should be addressed to him at Everett Junior College.

"No one craft seems to fascinate me more than another. The greatest fascination comes from watching things develop under my own hands. I do not design or work for point of sale but mainly for developing myself in the areas where I teach. I have done commission work but prefer to let my things go to the person who finds a satisfaction in what is already created."

MARGARET DE PATTA studied painting and sculpture at the San Diego Academy of Fine Arts; California School of Fine Arts; Art Students League, New York City; and the Institute of Design in Chicago, where she worked with Moholy-Nagy. She also studied jewelry-making with an Armenian craftsman, later developing a technique for modern structural jewelry and exploring new visual possibilities of transparent stones. Currently she is engaged with her husband, Eugene Bielawski, in experimental and custom work. Her work is available by special order through her home.

ANDREW and MURIEL DEY work as both individuals and collaborators in sterling silver jewelry. Andrew attended Wittenburg College, Springfield, Ohio, where he received his A. B., and Harvard School of Business Administration, where he received his M. B. A. and C. P. A. degrees. His withdrawal from the field of corporation taxation reflects a philosophical conviction of the validity of craftsmanship as a way of life. Muriel graduated from Ohio Wesleyan University and received her M. A. in the history of art at Ohio State University. She was associate professor of art at Hillsdale College, Hillsdale, Michigan, and associate editor of *Art Digest* (now *Arts*) until her marriage in 1936. Their work, in sterling exclusively, is available from their studio-shop.

"As our craft experience has lengthened, designs come less from the draftingboard and more from

the workbench. The color nuances of silver in highlight and shadow motivate our designs. The behavior of silver dictates construction as we strive to let silver speak for itself. Themes range from geometrics and animal subjects to pectoral crosses reinterpreting timeless material."

ROBERT DHAEMERS received his B. F. A. and M. F. A. from the California College of Arts and Crafts, Oakland. Currently he is an art instructor at Mills College, Oakland. His work, in silver, gold and precious stones, is available from him—much of it by commission.

JOHN DICKERHOFF, a native of California, graduated from Fresno State College as an art major. He teaches in the Pasadena Secondary Schools and in the Pasadena City College Extended Day Program. He is currently working on his M. A. at Los Angeles State College under Hudson Roysner. His work is for sale.

"Forged jewelry (use of a heavy hammer to treat metal as a *plastic material* by pushing it in various directions, making it thick here and thin there, and developing hardness where strength is needed) is a very pleasing but not widely used method of making jewelry today. Forging offers possibilities that cannot be achieved in any other way, and I find it great fun to see things take shape under the hammer."

VIRGINIA DUDLEY attended the University of Chattanooga; the Art Students League, New School for Social Research, and Stanley William Hayter's "Atelier 17," all in New York City; New Mexico College, Las Cruces; Claremont Graduate School, Claremont, California; and the College of William and Mary, Williamsburg, Virginia. She received her M. F. A. from Claremont Graduate School. She taught arts and crafts at the University of Chattanooga and painting at the Hunter Gallery of Art, Chattanooga. Since 1950 she has operated her own studio-workshop on Lookout Mountain in Rising Fawn, Georgia. At present she is directing the arts and crafts program at Fort Monroe, Virginia.

"The total image of the piece, its feel, weight, color, texture and size, grow naturally along with the choice of materials to be used—gold, silver, bronze, copper, enamels, and now and then a

stone. Certain forceful primitive symbols which experience a vigorous continuity in contemporary culture fuse with the expressive qualities of the materials themselves to generate the total concept. I consider each piece of jewelry important within itself, a compatible object which intensifies the being of the wearer by heightening the presence and expanding the reality of the person."

ROGER D. EASTON, assistant professor of art at Ball State Teachers College, Muncie, Indiana, attended Albright Art School, Buffalo, New York, took graduate work at Harvard University, State University of Iowa, University of Denver, and studied in Scandinavia and France. He frequently combines silver with exotic woods and semi-precious stones. His work is for sale at his own workshop.

ALMA EIKERMAN graduated from Emporia State College, Kansas and received her graduate degree from Columbia University. She studied silversmithing with Karl Gustav Hansen in Denmark and Baron Eric Fleming in Stockholm, and design with Ossip Zadkine in Paris. She has done research projects in Oaxaca, Mexico, on Mixtec Indian jewelry; Etruscan jewelry and metal in European museums and special collections in Italy; and Scythian and Sarmatian jewelry and art objects in the museums of Kiev, Moscow and Leningrad. Currently she is associate professor of art at Indiana University, Bloomington, teaching jewelry design, silversmithing, enameling and watercolor painting. Her jewelry, in gold and sterling silver with precious stones, is available by contact with her at Indiana University.

LANE ELKINS received her B. A. from Southwest Missouri State College, Springfield, her M. A. from Columbia University Teachers College. She also attended Cranbrook Academy of Art and more recently has studied with Marguerite Wildenhain at Guerneville, California, and Nancy Manes at New Mexico Highlands University, Las Vegas. At present she is assistant professor at Southwest Missouri State College, teaching jewelry, ceramics and sculpture. She works primarily in silver, frequently combined with tropical woods or stones. All her pieces are centrifugally cast, using the lost wax process. Her work is for sale.

GUDMUND JON ELVESTAD studied in Norway at the Oslo Craftschool, became an apprentice at David Andersen's and continued his training at Oslo Laerlingeskole. Upon completion of his apprenticeship he received a scholarship for study at Statens Handverks-og Kunstindustriskole, Oslo, where he received his degree in 1957. After graduation he was engaged as a designer at Tosttrup, Oslo, specializing in flatware, hollowware and jewelry design. He is at present at Cranbrook Academy of Art under a George G. Booth Memorial Scholarship. He works in silver, gold, platinum, precious stones, enameling techniques of painting, limoges, plique a jour and cloisonné, as well as gold and silver granulation. His work is available directly from him at Cranbrook.

ROBERT and AUDREY ENGSTROM are a husband and wife team who work independently of each other and show distinctly different styles and approaches to jewelry. Robert sometimes makes a hundred sketches of a piece before he achieves a final design. He strives for an unusual and beautiful object that is easy and comfortable to wear. He works with precious stones and metals. Most of Audrey's work is in silver. She often works on several pieces at the same time, both because spontaneity is renewed by changing activities, and because she finds it more practical to group operations like sawing, soldering, or casting. She enjoys working with enamels. Robert is at present an instructor in jewelry at Western Michigan University in Kalamazoo. Their studio-home-workshop is located in a 40-acre wood near Rockford, Michigan, where they are raising three daughters, Christmas trees and a herd of deer. They also supply materials for enameling and handmade jewelry, largely by mail-order.

LESTER FADER was born in Detroit. He spent two and a half years as a navigator in the Air Force, after which he graduated from the University of Michigan with an A. B. in architecture. Following a summer of European travel, he began doing jewelry under the direction of Mary DuSell. In 1954 he opened an architectural office in Detroit, which has by no means interfered with his work as a silversmith. He has exhibited widely. Most of his work is in gold and silver. At this time he is doing only commission work and experimental pieces.

ELSA FREUND studied drawing, painting and commercial art at the Kansas City Art Institute; design, lithography and painting at the Colorado Springs Fine Arts Center; ceramics at Wichita Art Association; and jewelry at Stetson University in Deland, Florida. She has taught at Hendrix College, Conway, Arkansas, Stetson University and the Art School of the Ozarks. Her work is for sale in her home workshop.

"My idea for jewelry making started as an experiment in an art department where no soldering equipment was available. It was a challenge to invent a new jewelry style using materials readily available with a minimum of tools. After several years of experimentation a certain amount of control is obtained in firing stones although each firing is still an adventure. I never use molds for the stone shapes. My fingers shape the clay at will and the finished stone suggests the mounting; the shaping of the wire follows."

RICHARD C. GOMPF was born in Council Bluffs, Iowa, attended North Dakota Agricultural College, Fargo; Moorhead State Teachers College, Moorhead, Minnesota; University of Minnesota, Minneapolis; and California College of Arts and Crafts, Oakland. He has taught at grade and high school levels in Grand Forks, North Dakota; Mound, Minnesota; Fargo, North Dakota; and Superior, Wisconsin. He is currently a graduate assistant at the University of Minnesota. His first interest in jewelry occurred in 1952 when he was a student at the University of Minnesota, and developed further while he studied at the California College of Arts and Crafts in 1956 under the direction of Margaret De Patta. Most of his jewelry is made by the sand casting and lost wax processes. Working with wax in both of these processes gives a sculptural, three-dimensional quality and enables the designer to relate his forms to this concept. His work is for sale.

GEORGE GREEN was born in Milwaukee, Wisconsin. He received his B. S. and M. S. from the University of Wisconsin, Madison. He is currently art director with Carl Nelson & Associates, Inc., and instructor at the University of Wisconsin extension division, both in Milwaukee. His work, in gold, silver and woods, may be purchased directly from him.

WILLIAM GEORGE HAENDEL was born in Wisconsin. He received his B. S. and M. S. from the University of Wisconsin, Madison, where he studied metals under Arthur Vierthaler. For a brief period he taught in the Wichita, Kansas, school system, and since then has been a member of the art department of Northern Illinois University at DeKalb. During the past five years he has been working in jewelry, painting, graphics and sculpture, feeling that the rotation of media has proven most stimulating, with certain basic forms recurring in each medium. His work, in silver, wood and stones, is for sale.

"Belief in the idea that man has an innate desire to embellish all surfaces with some sort of texture or design has led me to do a great deal of experimentation in surface fusion, combinations of wood and metal, niello decoration, and experiments with silver granulation."

WILTZ HARRISON received his B. A. from Texas Western College, El Paso, his M. A. from the University of Denver. He is assistant professor of art at Texas Western College, teaching metals, design, jewelry and enameling. Before entering the teaching profession he operated a jewelry manufacturing company, managed a steel company, was a lineman for a power company, prospected, mined and farmed. He maintains his own workshop, where he does commissioned work. He likes to make jewelry but hopes to turn again to sculpture. He works in silver, gold and platinum and cuts and polishes all his own gem stones. His work may be purchased directly from him.

"I make jewelry because I like it and work mostly for people I know personally—it is pleasanter this way. I do not produce any great amount because of a rather heavy teaching load, but in spite of the esoteric writings cropping up in the craft magazines I am not particularly worried about my place in society—I don't feel any renaissance coming on, do not feel the American public as a whole gives two or even one hoot about potters, silversmiths, jewelers, or the rest of the handcraftsmen. In fact I so enjoy the act of working and the appreciation of those who do appreciate what I do that it is enough. I am quite happy and wouldn't want to be anything else."

DAVID P. HATCH, born in New York City, received his B. A. and M. A. from the University of California, Los Angeles. He studied silversmithing under Hudson Roysher and ceramics at Scripps College, Claremont, California. He did graduate work in sociology at Pomona College, Claremont, oriental esthetics and craft processes at Chouinard Art Institute, Los Angeles, and Southern Asian cultures at the University of Oregon. He was in Burma for the academic year 1956-57, on a Fulbright grant, as visiting lecturer in crafts, industrial design and methods, and spent the 1957 summer session at the Iran American Institute in Teheran. He has taught at Los Angeles City College and at the University of Oregon. Currently he is at Antioch College in Yellow Springs, Ohio, where he will inaugurate the jewelry and general silversmithing program next fall.

RAY HEIN received his B. A. and M. A. from Long Beach State College in California, where he studied under Ernest Ziegfeld. He has taught at Long Beach City College, Chapman College, Orange, California, and is currently an assistant professor at Long Beach State College. His work, in silver, gold and ivory, is available directly from him.

CLIFF HERROLD studied at the Institute of Design, Chicago, and received his B. A. from Central Oklahoma State College, his M. A. from Colorado State College, and his Ed. D. from Stanford University, California. Currently he is associate professor of art at Iowa State Teachers College, Cedar Falls. Most of his work is done in sterling silver alone or in sterling combined with semi-precious stones and various woods. His work is for sale at his studio.

"My fascination with jewelry-making is maintained in the unlimited possibilities afforded for the design of exotic, sculptural forms."

ADDA HUSTED-ANDERSEN was born in Denmark, studied at Badische Kunstgewerbeschule, Pforzheim, Germany, and with Jean Dunand in Paris. She is at present an instructor in jewelry and enameling at the Craft Students League, New York. Her jewelry, in platinum, gold and silver, is done on special order and sold in her workshop.

MICHAEL JERRY attended the School for American Craftsmen at the Rochester Institute of Technology, worked in the shops of Svetozar Radakovich and Ronald Hayes Pearson, and is currently a student of metalsmithing at Cranbrook Academy of Art. His work may be purchased from him.

EARL F. KITTLESON was born in Milwaukee, Wisconsin. After his army service he attended Layton School of Art, and received his B. S. in art education from the University of Wisconsin. He has taught jewelry classes at the Summer School of Painting, Saugatuck, Michigan, and evening classes in Shorewood and Menomonee Falls, Wisconsin. He works in both gold and silver.

SAM KRAMER attended the University of Pittsburgh School of Journalism and graduated from the University of Southern California in 1936. He began making jewelry for personal satisfaction while working as a reporter in Los Angeles and Hollywood and in 1939 opened his own studio in Greenwich Village in New York, where his work is for sale.

". . . I love strange contrasts, paradoxes of form and texture, the shock of things that at first appear ugly, but immediately seem natural and quite beautiful . . .

"Although I have no formal credo for jewelry-making, I have many loosely woven ideas which might possibly form a fabric for consideration by those who never thought of jewelry as a particular art form. Experimentation, for example, with metals, materials, gems, tools and techniques is doubtlessly the life flow of jewelry as a creative expression. Accident, aimless but recognized, which often suggests new directions an artist can take, is another important element. One time, working by trial and error in the fireplace (a convenient place for such experiments) I was trying to evolve a new casting technique. When silver is molten it flares, and dances like mercury. Suddenly a sputtering bubble of liquid silver squirmed out of the ingot-mold and cooled in an odd shape on the hearth. This piece, this accident of spilled metal, vaguely resembled a duck's head. And it started me thinking about how silver and gold could be blasted by flame until it ran almost

fluid, then controlled, built-upon and fused again until it resulted in small sculptures with the texture and all the flame-like movement of this kind of primal ordeal by fire."*

*From an article by Sam Kramer published in a recent issue of *Media Arts Magazine*.

EARL KRENTZIN was born in Detroit, Michigan. He received his B. F. A. from Wayne State University, Detroit, his M. F. A. from Cranbrook Academy of Art. After working commercially and in industry for several years he accepted an instructorship at the University of Wisconsin, teaching metalwork, design and crafts. During the academic year 1957-58 he studied on a Fulbright grant at the Royal College of Art in London. Currently he is again teaching in the art and art education department at the University of Wisconsin, where his work in cast silver, ivory and wood, is for sale directly from him.

"My metalwork has been the result, I feel, of treating my materials honestly, combining technical skills with expression. In the last ten years this tendency has led me through making jewelry, craft items, religious objects to sculptural forms in silver. In making most of my pieces I concentrate on using the centrifugal casting machine and combining this with fabrication sometimes introducing wood and semi-precious stones."

MARY KRETSINGER received her M. A. from the State University of Iowa and has studied with Rudolph Brom, Adda Husted-Andersen and Hans Christensen. She has traveled extensively in Europe and the Orient and has taught in public schools in Iowa, Kansas and Arizona. Currently she is associate professor of design at Emporia State College, Kansas. Her work, in silver, gold and brass combined with enamel, is for sale.

FREDERICK LAURITZEN was born in Detroit, Michigan. He attended Wayne University, Detroit, the School for American Craftsmen, Rochester, New York, and received his B. F. A. and M. F. A. from Cranbrook Academy of Art. He has taught at the University of Wisconsin; University of British Columbia, Vancouver; Lawrence Institute of Technology, Detroit; and is currently assistant professor of art at Southern Illinois University,

Carbondale. His work, in silver and gold with precious stones, is for sale directly from him.

BOB MC CABE was born in Hollywood, California. He received his bachelor of architecture degree from the University of Oregon. In addition to his jewelry work he designs furniture, homes, buildings and experimental structures. He is also a sculptor and painter. His jewelry is made of silver, brass and copper.

LEE and PEG MCCARTY are a husband and wife team who have been producing pottery and jewelry since 1954. Both attended the University of Mississippi and Columbia University. Their work, in gold and silver, is for sale at their studio.

LAWRENCE MCKININ received his B. S. in art education from Wayne University, Detroit, his M. F. A. from Cranbrook Academy of Art, where he first became interested in jewelry-making. His creative activity is divided between painting and jewelry-making. He is an associate professor of art at the University of Missouri, teaching jewelry, drawing and painting. His work is primarily in sterling silver, some in gold and brass, available through him at the University of Missouri, Columbia.

ERNEST D. MAHLKE received his B. S. and M. S. in art from the University of Wisconsin. Currently he is teaching art at the William Horlick High School and jewelry at the Charles A. Wustum Museum of Fine Arts in Racine, Wisconsin. His work is based primarily on nature forms, done in silver, bronze, stones and wood. He generally works with cast forms. His work is for sale at his home.

JOHN PAUL MILLER attended the Cleveland Institute of Art where he is now an instructor. He works mostly in gold and enamel and his work is available directly from him.

JOSEPH S. MORAN was born in Syracuse, New York, where he attended Syracuse University. He received his B. S. and M. A. degrees from Columbia University. He has taught English and dramatic arts at New Mexico State College and

is currently a lecturer at the University of Chattanooga, teaching ceramics and jewelry in Chattanooga and vicinity. His work is in enamel-on-copper and various other materials and techniques and is available directly from his own studio.

"Of the various traditions and directions confluent in modern jewelry, I find most inspiring the primitive, technomorphic and symbolic. In creating an individual piece, I strive to integrate my image of the form to be wrested from the physical materials with subtle qualities of the individuals likely to be wearing or using the piece. This principle I seek to apply to my work in ceramics and writing as well as to jewelry."

PHILIP MORTON is an associate professor in the art department of the University of Minnesota. He received his degree in sociology from the University of Utah and worked as a civil engineer, accountant and draftsman before turning to jewelry and sculpture. Inquiries as to the sale of his work should be addressed to him in care of the University of Minnesota.

ROSEMARY O'BRYAN studied at Northwestern University and is a graduate of the University of Wisconsin. She has worked in many fields, including beekeeping and plumbing. While in Wisconsin she taught craft skills to severely handicapped adults for the Rehabilitation Division of the Board of Vocational and Adult Education. At Wisconsin she studied with Arthur Vierthaler and, although devoted to easel painting and serigraphy, discovered the expressive language available to the artist through metal. Since moving to New York in the fall of 1958, she has been affiliated with the Henry Street Settlement and the Young Men's-Young Women's Hebrew Association. Her work, in cast silver, copper and brass, is available at her New York studio.

RONALD HAYES PEARSON attended the School for American Craftsmen at Alfred University, and now operates his own business in Victor, New York. Currently he is working on ecclesiastical commissions and producing jewelry that is sold nationally. He recently completed a three-foot silver and stained glass altar cross with candlesticks for Eero Saarinen's Kresge Chapel at M.

I. T., and a seven-foot hanging cross for Pietro Belluschi's Church of the Redeemer, Baltimore. He has been a design consultant for several industrial firms and in 1952 founded, with three other craftsmen, Shop One, dedicated to selling fine craft work. The shop has been a model for similar ones throughout the country. He works in bronze, silver and gold. His work is for sale directly through him.

MIRIAM SMITH PECK was born in Cleveland. She attended Oberlin College, University of Wisconsin, Cleveland Institute of Art, and received her B. S. and M. S. from Western Reserve University. She has taught in the Cleveland public schools and Cleveland Institute of Art. Most of her jewelry is enameled on silver.

CORALYNN PENCE attended Chouinard Art Institute, Los Angeles, and the University of Washington, Seattle. She spent the summer of 1956 traveling in Europe in the belief that a designer needs travel for inspiration and perspective. She likes to design in many moods, using sheet gold and silver, often with precious and semi-precious stones. She uses a torch as an artist uses a pencil to draw, becoming more proficient with time. She believes that design and technical skills should be kept on the same development level—one as important as the other. She maintains a full-time studio-workshop, designing and executing jewelry for individuals on commission only.

RUTH PENNINGTON received her B. F. A. and M. F. A. from the University of Washington, Seattle. She also studied at Columbia Teachers College, the University of Oregon, California College of Arts and Crafts, and with A. Michaelsen of Copenhagen, Denmark. Currently she is professor of art at the University of Washington and director of Fidalgo Allied Arts. She teaches jewelry and metal design and operates her own custom business in her studio. Her work is in gold and silver with precious and semi-precious stones.

DANIEL and NELLE PETERSON, are a husband and wife team working in Louisville, Kentucky. Daniel studied law at Jefferson School of Law in Louisville, silversmithing and jewelry at the Art Center Association, Louisville, the University of

Indiana and Cranbrook Academy of Art. He is a silversmith "by avocation." Nelle received her B. A. and M. A. from the University of Louisville, and studied silversmithing and lapidary work at Cranbrook Academy of Art and the University of Indiana. She is currently art instructor at the Art Center Association and the University of Louisville, teaching jewelry and textile design and public school art. Their work, in silver, ivory, copper and brass, is for sale at the Art Center Association or by special order.

ANGELA PETESCH attended the Art Institute of Chicago, later studying and working in Los Angeles. She works in silver and gold with semi-precious stones. Her work is custom made only in her home workshop.

ALVIN PINE was born in New York City, received his B. S. in education from City College of New York and his M. F. A. from Cranbrook Academy of Art, where he majored in metalsmithing and minored in ceramics. He has taught art in the New York City school system and at City College. His work is mostly in cast silver, available directly from him at his home.

ARTHUR L. and DOROTHY B. PRICE are a husband and wife team who enjoy working together. Arthur, a graduate of the University of Illinois, is currently Loan Agent for the John Hancock Mutual Life Insurance Company. Dorothy attended Lake Forest College and the University of Illinois, where she studied jewelrymaking with Arthur J. Pulos and Robert von Neumann. In jewelrymaking they combine ebony, coco-bola and other woods with silver and gold. Their work is sold from their home.

JOHN PRIP served a five-year apprenticeship with the Danish silversmith Evald Nielsen. He attended the Copenhagen School of Arts and Crafts and worked as a journeyman gold- and silversmith in Denmark and Sweden before coming to this country in 1948. He taught at the School for American Craftsmen in Alfred, New York, for two years, and at the Rochester Institute of Technology for four years. He is now a designer with Reed & Barton Silversmiths in Taunton, Massachusetts. His work, in silver and gold with some stones, is for sale.

E. DANE PURDO received his B. A. and M. A. in fine arts from the University of Michigan. He also studied jewelry and silversmithing at Cranbrook Academy of Art, where he received his M. F. A. He taught metal work at Cranbrook, design and ceramics at Milwaukee-Downer College, then studied on a Fulbright grant at the Royal College of Art in London. During the academic year 1957-58 he was visiting lecturer in silversmithing at Southern Illinois University, Carbondale. Currently he is teaching in the Department of Art at Milwaukee-Downer College. He works mostly in silver, and his work is available directly from him.

SVETOZAR and RUTH RADAKOVICH are both silversmiths but not a team in the sense that they work together; their approaches are quite different, so that each must develop his own pieces. Although they both work in lost wax, the largest part of Svetozar's work is constructed or forged. Svetozar was born in Belgrade, Yugoslavia, where he graduated from the Royal Academy of Art. During the war he was in the Royal Army, spent some time in a German prison camp where he worked in the copper mines, later escaped and joined the Partisan Army. After the war he worked in the design department of public relations for the United Nations in Belgrade, where he met Ruth, who was also working for the United Nations. He was art editor of the national art magazine JUGOSLAVIA from 1949 until 1953, when he went to Paris where he and Ruth were married in 1954. Ruth was born in Illinois, studied art at Sarah Lawrence College, and received her M. A. in anthropology from the University of Michigan. She also studied metalwork at Mills College and later the School for American Craftsmen, Rochester, New York. In 1954 the Radakovichs went to Copenhagen and studied with Mogens Bjorn-Andersen in his metal shop. In 1955 they came to America and settled in Rochester. Svetozar studied silversmithing and taught design at the School for American Craftsmen and painting at the Rochester Institute of Technology. Ruth taught metalwork at the Memorial Art Gallery of the University of Rochester. They are moving to Southern California this year.

MERRY RENK studied fine arts at the School of Industrial Arts in Trenton, New Jersey, and design at the Institute of Design, Chicago. She began making enamels and jewelry in 1947 without training in techniques. She works in silver, gold and platinum. Her jewelry is for sale at her home-studio.

MARIA REGNIER was born in Hungary and came to the United States in 1921. She received her B. S. in education, majoring in art, from Washington University, St. Louis. She studied silversmithing at Rhode Island School of Design and the Dixon School, New York. She works in both silver and gold and her jewelry is available from her shop.

FLORENCE RESNIKOFF studied design and painting at the Art Institute of Chicago and crafts at the Saugatuck Summer School of Painting in Michigan. Most of her work is custom-made, and her special interest is in matched and interlocking sets of engagement and wedding rings. She uses gold, palladium and platinum and a great variety of stones, some of which she has cut to order. She is currently engaged in a large scale jewelry project in addition to her custom work. In conjunction with an industrial designer she is working out production of 400 pairs of gold cuff links, utilizing the customer's product, a mineral crystal. Her work is sold on a custom basis from her workshop.

WALTER RHODES was born in New York City. He received his art education at Cooper Union and the Art Students League, studied jewelry making under Adda Husted-Andersen and silversmithing under Peter Muller-Monk and Lauritz Eichner. His work is confined to one of a kind pieces and very limited editions, for sale from his workshop.

RUTH ROACH was born in Chisholm, Minnesota, attended the Art Institute of Chicago and Iowa State Teachers College, where she studied painting, drawing, ceramics and crafts. Her work, mostly in silver, is for sale in her home-workshop.

YONNY SEGEL studied in many art schools, has an M. S. in art education and is now working on his doctorate. He has taught sculpture, ceramics, metalwork and drawing at various universities, and is currently teaching at Pratt Institute, The New School, and Brooklyn College. This summer he will be teaching at Festival House, Lenox, Massachusetts. Most of his work is in sterling and contains stones, but he also does pieces without stones and some work in gold. He prefers to do custom work, however, and his jewelry is available directly from him.

PEARL SHECTER received her A. B. and M. F. A. from Columbia University. She also studied painting in the Hans Hofmann School of Painting at the New Bauhaus School of Design. Currently she is lecturer and instructor at New York University and art director at the Little Red Schoolhouse High School, in New York City. Her work is primarily in sterling silver.

"Preserved by its hardness, jewelry not only survives because of its outer forms but has a curious influence touching the lives of people, and this influence is the creative symbol invented by the artist. As an abstract painter I am led by my space concepts to problems and exploration of line movement, negative-positive relationships, transparencies, tension, suspension. These are the involvement of the sculptor too. My work in sculptured jewelry is an extension of these directions with a different material—metal."

NINA VIVIAN SHELLEY studied at the University of Washington, Chouinard Art Institute and the Los Angeles State College of Applied Arts and Sciences. Currently she is continuing her studies at Los Angeles State College in order to further her knowledge of metal work, design and teaching methods. She teaches jewelry classes at the Barnsdall Arts and Crafts Center, Los Angeles. Most of her work is in sterling silver and gold with wood and precious and semi-precious stones. She maintains a workshop where she does experimental work, producing a limited number of pieces for custom order. Inquiries should be addressed to her at her home.

"In a continued study of design, painting, sculp-

ture, ceramics, industrial arts, silversmithing and the history of arts and crafts, I have found that each contributes much that is of value to the designer-craftsman of jewelry. The study of jewelry and the making of jewelry is broad and far-reaching. I believe too few craftsmen go beyond the learning of a few techniques popular today. A complete and thorough study of all the methods and techniques known to metal craftsmen, past and present, is required to provide foundations for the research so necessary to the development of new concepts."

NANCY SHERWOOD received her B. F. A. from the University of Kansas, where she majored in textile design. She started making jewelry as a hobby six years ago. Working chiefly in silver, she does some work in gold, and her jewelry is available from her studio-workshop.

MARY SCHIMPF grew up in a family interested in art. She was enrolled in her first museum art class at the age of three and has been studying ever since. She became interested in jewelry-making and design at boarding school. Her jewelry is made of gold, silver and enamel with precious and semi-precious stones, available at her studio.

CHRISTIAN F. SCHMIDT received his B. S. in art education from the University of Minnesota, where he studied with Philip Morton. For a time he was a precious-metal caster for a jewelry manufacturing firm. He is currently teaching art in the Minneapolis Public Schools and jewelry-making at the St. Paul Gallery and School of Art. His work is for sale in many shops. He does custom work in his home studio.

"The lack of a defined tradition in the American jewelry craft field gives the craftsman a freedom found nowhere else in the world. If I were a tradition-bound purist, little of my jewelry would be in existence. I purposely juxtapose unlike materials and intermingle different techniques in order to achieve expression of an idea. While exploring and developing a variety of surface qualities inherent to silver, I found many of these adaptable to natural forms. They suggested seeds and plants, marine life, and insects. The vitality of living things is an inexhaustible source of inspiration for me. I find these forms more vital

than pure design or manipulation of design elements without content.

"At present I am combining cast pieces with hollow, raised sheet metal forms. The contrast of spiny castings clutching stones within a lyrical shell creates a dramatic counterpoint which, I think, characterizes certain aspects of living things. My work evolves slowly and I often do a sequence of the same design idea, developing and refining it through all the variations suggested by the material, tool handling, or technique. I like to exhaust the design possibilities before moving on to another area."

RICHARD H. SCHWANKE received his B. S. in art from Milwaukee State Teachers College and his M. S. from the University of Wisconsin, Milwaukee. He has taught art in various Wisconsin schools and is currently teaching at Brookfield (Wisconsin) High School. He works in many media and his jewelry is for sale.

"I am interested in and spend the majority of my time painting in encaustic and experimenting in jewelry and sculpture media. My interest in creating jewelry began about six years ago when my wife wanted something original to wear. I started with the materials I had on hand—galvanized wire, nails, pins, soft solder and pebbles. Since then I have found these materials to be so stimulating and personally satisfying that I have continued to use them. I approach my jewelry much the same way I do sculpture. I like to pound, twist and bend wire and sheet metals. Tool marks and cuts play an important part in the appearance of my finished products. Soft solder joins the parts; it also serves as a decorative element. I enjoy plastic materials, too, and often build with plastic wood, plastic aluminum and clay. Pendant and pin forms appeal to me most, perhaps because they are one-piece operations and allow for more freedom in design and construction."

JAN SMITH was born in Luck, Wisconsin. She studied at the State Craft School in Oslo, Norway, Augsburg College in Minneapolis, and received her B. S. from the University of Minnesota, where she is currently working on her M. A. in art education. Her work, for the most part in silver, is for sale.

FRANCIS STEPHEN received his B. A. and M. A. from the University of Oklahoma, Norman, and majored in sculpture at Colorado Springs Fine Arts Center. He has taught art in the public schools at Pharr, Texas, and is currently assistant professor of art at Phillips University, Enid, Oklahoma. His work is in silver, gold, ebony, stones and enamel, available from him.

JEAN STERNE graduated from Skidmore College as a psychology major and started making jewelry as a hobby. She works in silver and precious stones. Her jewelry is sold directly from her home-studio.

BERNICE A. STEVENS received her B. S. in education from Evansville College, Evansville, Indiana, her M. S. in crafts from the University of Tennessee, Chattanooga. She also attended the Ox-bow Summer School at Saugatuck, Michigan, the Ringling School of Art at Sarasota, Florida, New York University, and the Craft Students League in New York, where she studied jewelry with Adda Husted-Andersen. At Evansville she teaches crafts at the Reitz High School and jewelry and art methods at Evansville College. Currently, however, she is on leave engaged in a craft survey of the mountain area, a part of the Southern Appalachian Studies at Berea College, sponsored by the Ford Foundation. Her work is in gold, silver, stones and enamels, but she is not producing enough to sell at this time.

DAVID SUITS was born in Medford, Wisconsin. He attended Santa Ana Junior College in California and the University of Wisconsin, where he studied jewelry-making with Arthur Vierthaler. He has taught in public schools in Honolulu, and Madison and Racine, Wisconsin. He works mostly in silver, and his jewelry is for sale through direct contact with him.

JOHN SZYMAK attended the School of the Museum of Fine Arts, Boston, and the School for American Craftsmen, Rochester, New York. Currently he is teaching jewelry and silversmithing at the Y.W.C.A. Craft Guild of Dallas. In 1955 he was at the Swedish Cultural Foundation on a European Travel Grant from the Texas-Swedish Cul-

tural Foundation. He works in gold and silver with precious stones, enamels and niello. His jewelry is available at his shop.

RICHARD G. THIEL received his B. S. and M. S. in art education from the University of Wisconsin. Currently he is teaching crafts, art metal and lapidary work in the Sioux City (Iowa) Public Schools. He works primarily with silver, gold, wood, enamel and semi-precious stones, but also in welded steel and wood sculpture. His work is entirely one-of-a-kind and is for sale at his workshop.

DONALD TOMPKINS was born in Everett, Washington. He studied design under Russell E. Day at Everett Junior College, and received his B. A. and M. F. A. from the University of Washington, Seattle, where he studied metal work with Ruth Pennington. Currently he is an instructor at Everett Junior College. His work is in sterling silver and gold with precious and semi-precious stones and is available through him at Everett Junior College.

ARTHUR A. VIERTHALER studied at the Art Institute of Chicago, Milwaukee Art Institute, Milwaukee State Teachers College and the Gemological Institute of America and has a graduate degree from the University of Wisconsin in design, art metal and geology. He has taught in the public schools at both Madison and Milwaukee, Wisconsin, and is currently associate professor of art education at the University of Wisconsin, teaching arts and crafts, jewelry, silversmithing, lapidary work, gem identification and gem stone cutting. He works mostly in sterling silver and gold, and his work is for sale through him at his home.

ROBERT VON NEUMANN was born in Berlin, Germany. He received his B. F. A. from the Art Institute of Chicago, his M. S. from the University of Wisconsin. Currently he is assistant professor of art at the University of Illinois. He works primarily in silver, finding it a beautiful and versatile metal to which other materials can be added without conflict with its personal quality. His work is, for the most part, commissioned

by individuals.

"I was trained in drawing and painting, which continue to be a vital area of interest. I am self-taught in jewelry-making, having become interested as a student in Chicago on finding an old text on techniques. My work is influenced first by my pictorial training and depends heavily on a subject. Other influences of equal importance are the design forms of the past adapted to a contemporary interpretation."

KAY WHITE began making jewelry in 1948. She studied with Carl Podzsus at New York University, Sonja Pruethen at Grosse Point, Michigan, and at the Penland School of Handicrafts, Penland, North Carolina. She has taught silver jewelry-making at the State Teachers College, Willimantic, Connecticut, and the West Hartford Art League. Currently she is conducting private classes in her studio. She works only in silver, with some stones, and her jewelry is for sale at her studio.

MARJORIE MCILROY WILDENHAIN became interested in jewelry while associated with the Pond Farm Workshops in Guerneville, California, and later studied at the School for American Craftsmen in Rochester, New York. She maintains a workshop near her home in Pittsford, New York. Her work is, for the most part, in bronze and silver, available in her own studio.

BYRON WILSON, a native Californian, is on the faculty of the California College of Arts and Crafts, Oakland, and affiliated with the Metal Arts Guild of California and Designer Craftsmen of California. He is active in the fields of etching, painting and sculpture. His work, in silver, bronze, ivory and wood, is for the present not for sale.

BOB WINSTON received his B. A. and M. F. A. from the University of California at Berkeley. He formerly taught crafts at the California College of Arts and Crafts in Oakland, but in 1956 withdrew from the teaching profession to devote his entire time to making "wearable sculptured" jewelry. His work, in silver, gold, bronze and stones, is available at his own studio.

DONALD B. WRIGHT received his B. S. from Southwest Missouri State College, Springfield, and his M. F. A. from Cranbrook Academy of Art. He also attended Washington University in St. Louis and New Mexico Highlands University. Currently he is assistant professor in the department of fine arts at Utah State University in Logan, teaching metalsmithing and three-dimensional design. He produces hollowware, flatware, jewelry, and woodenware in his Hyde Park Studios.

"With few exceptions my jewelry is made by the centrifugal investment casting process. In the wax medium almost limitless possibilities in form are available as compared to sheet and wire metal fabrication. The freedom and spontaneity of design, coupled with the rapidity with which wax can be worked, have, for me, a very special appeal."

ERNEST ZIEGFELD attended the Columbus Art School, Ohio, received his B. S. from Ohio State University, his M. A. from the University of Minnesota, and his Ed. D. from Columbia University Teachers College. He has taught at the Owatonna (Minnesota) Public Schools, the University of Minnesota, Stanford University, Long Beach State College and State University Teachers College, New Platz, New York. Currently he is professor of art at the Jersey City State College, New Jersey. His work, in sterling silver with precious and semi-precious stones, is for sale.

ALICE E. ZIMMERMAN received her Bachelor of Music degree from DePauw University, her M. A. from Columbia University. She did graduate work at the Universal School of Crafts in New York; Ringling School of Art, Sarasota, Florida; the University of Tennessee Craft Workshops, Gatlinburg; Instituto Allende, San Miguel de Allende, Mexico; the Craft Students League, New York, where she worked with Adda Husted-Andersen; and in Southern and Central Europe. She was art and craft instructor at the F. J. Reitz High School, Evansville, Indiana, and has taught jewelry-making at Evansville College. Currently she is doing photographs and slides for a craft survey in connection with the Southern Appalachian Studies. Her work is mostly in sterling silver with precious and semi-precious stones and is available through her at her home.

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