

GEMS & GEMOLOGY

AUTHOR INDEX 1957–1968

Alfred A. Levinson (University of Calgary)
Richard V. Dietrich* (Central Michigan University)

*I apologize to users, particularly inter-library loan personnel, for the confusion that may be caused by inclusion of the redundant Sp, S, F, and W seasonal issue indicators—a *Gems & Gemology* convention—in these Indices.

RVD

AUTHOR INDEX

VOLUMES IX–XII

1957–1968

This index lists, in alphabetical order, the authors of all articles that appeared in the 1957–1968 issues of *Gems & Gemology*, together with the full title and inclusive page numbers of each article and the issue. Full citation is given under the first author only, with reference made from joint authors.

- A**
- Andersen, O.:
A prospector's guide to the Anakie sapphire fields [condensed version of original article], Su1967,XII:173-178,192
- Anderson, B.W.:
The first two taaffeites: An historical note, Sp1968,XII:259-262
- Anderton, Russ:
Diamond possibilities in Colombia, Su1957,IX:63
Emerald outlook in Colombia, Su1957,IX:60-61
- Anonymous:
VOLUME IX
"Gemologist," Su1959,IX:319
VOLUME X
The new eastern headquarters and Gem Trade Lab of the GIA, Su1960,X:35-44,63
A new emerald find in Colombia, Sp1961,X:142,158
VOLUME XI
A new type of cut for gemstones, Sp1963,XI:31
Dean Kraus gives valuable books to GIA, W1965-1966,XI:376
GIA executive secretary retires, W1963-1964,XI:127
New York RJA supports GIA program, Sp1964,XI:159
Printing and purchasing manager retires, W1963-1964,XI:126
VOLUME XII
Jeanne Martin retires, W1966-1967,XII:127
Operation King Canute, Su1968,XII:292-296,323
- Anton, Barbara:
The pink pearls of Pakistan, Su1964,XI:175-179,191
- B**
- Bastos, F.M.:
A 15.4-pound Brazilian aquamarine, W1964-1965,XI:239-241
The gemstones of Brazil, F1961,X:195-201
- Benson, L.B., Jr.:
Diamond substitutes, Su1957,IX:56-59,62
[Note: Chronological, rather than alphabetical, order is used for the following two entries]
Highlights at the Gem Trade Lab in Los Angeles, W1958-1959,IX:230-231,254-255;Sp1959,IX:264-267,286-287; Su1959,IX:295-298,319; F1959,IX:336-340;W1959-1960,IX:355-357,378; Sp1960,X:3-6,30-31 [continued as "Developments and highlights at the Gem Trade Lab in Los Angeles"]
Developments and highlights at the Gem Trade Lab in Los Angeles, Su1960,X:45-52; F1960,X:75-80,92; W1960-1961,X:124-126; Sp1961,X:143-147; Su1961,X:187-190 [continued under "Liddicoat, R.T., Jr."]
Planning and using your new diamond room, W1960-1961,X:99-104,127
Testing black pearls, Su1960,X:53-58
- Breck, D.W.: See Flanigen, E.M.
- Brooks, J.H.:
Marlborough Creek chrysoprase deposits, F1965,XI:323-330,351
- Copeland, L.L.:
Book reviews:
Argenzio, Victor. *The Fascination of Diamonds*, Su1966,XII:63
Desautels, P.E. *Gems in the Smithsonian Institution*, Su1966,XII:57,62-63
Fregnac, Claude. *Jewelry—Pleasures & Treasures*, Su1966,XII:63
Crowningshield, G.R.:
Ascertaining the nature and extent of damage or inherent flaws in gemstones, Sp1958,IX:131-133,159
Care of gem materials and their substitutes in manufacturing, repairing, displaying and wearing jewelry, Sp1963,XI:3-11
Fresh-water cultured pearls, Sp1962,X:259-273
Highlights at the Gem Trade Lab in New York, W1958-1959,IX:227-229,254; Sp1959,IX:268-270,286; Su1959,IX:291-294; F1959,IX:341-343; W1959-1960,IX:358-361,377; Sp1960,X:7-10,31;Su1960,X:59-63;F1960,X:67-74,92;W1960-1961,X:114-123; Sp1961,X:148-153,158; Su1961,X:180-186,191; F1961,X:216-223; W1961-1962,X:242-246; Sp1962,X:281-283; Su1962,X:304-308; F1962,X:336-341; W1962-1963,X:376-383; Sp1963,XI:23-27; Su1963,XI:38-44; F1963,XI:80-87; W1963-1964,XI:99-106; Su1964,XI:180-184; F1964,XI:214-218; W1964-1965,XI:242-246; Sp1965,XI:265-272 [erratum Su1965,XI:318]; Su1965,XI:309-312; F1965,XI:331-338,351; W1965-1966,XI:359-367; Sp1966,XII:20-

- 23; Su1966,XII:43-48,62;
F1966,XII:67-73,94; W1966-
1967,XII:110-117;
Sp1967,XII:137-145;
Su1967,XII:179-182;
F1967,XII:199-211; W1967-
1968,XII:242-246,257;
Sp1968,XII:277-280;
Su1968,XII:304-310;
F1968,XII:335-343; W1968-
1969,XII:372-378
- An introduction to spectroscopy in
gemtesting, Su1957,IX:46-55,62
- New or unusual gem materials
encountered in the Institute's
Gem Trade Laboratories,
Su1957,IX:35-37,61-62
- The spectroscopic recognition of
natural black pearls, W1961-
1962,X:252-255
- Spectroscopic recognition of yel-
low bombarded diamonds and
bibliography of diamond treat-
ment, W1957-1958,IX:99-
104,117
- See also Holmes, R.J.
- Custers, J.F.H.:
Minor elements in diamonds and
their effect on diamond colors,
W1957-1958,IX:111-114
- D**
- Darragh, P.J. and J.V. Sanders:
The origin of color in opal based
on electron microscopy,
Su1965,XI:291-298
- Denning, R.M.:
Directions of no-image doubling in
crystals, Su1965,XI:299-301
- Derby, C.H.:
Opal, F1959,IX:323-332,350;
W1959-1960,IX:362-370
- Dignam, Dorothy:
Book review:
Ostier, Marianne. *Jewels and the
Woman: The Romance, Magic
and Art of Feminine Adorn-
ment*, Su1959,IX:306-309,318
- Draper, Thomas:
Diamond mining in Brazil,
Sp1963,XI:12-16,31;
Su1963,XI:45-49
- A new source of emeralds in
Brazil, W1963-1964,XI:111-
113,124-125
- E**
- Ehrmann, Martin:
Gem mining in Burma,
Sp1957,IX:3-30
- A new look in jade, Sp1958,IX:134-
135,158
- Ellison, John:
Formulas for the weight estima-
tion of colored faceted stones,
Su1957,IX:43-45 (with
"Correction of article" insert for
pp. 44 and 45)
- Eppler, W.F.:
Polysynthetic twinning in synthe-
tic corundum, Su1964,XI:169-
174,191
- Eulitz, W.R.:
The optics of brilliant-cut dia-
monds, Sp1968,XII:263-271
- Flanigen, E.M., D.W. Breck, N.R.
Mumbach and A.M. Taylor:
New hydrothermal emerald,
Sp1965,XI:259-264,286
- G**
- Gemological Digests (not attributed
to an author)
- VOLUME IX**
- Arkansas, F1959,IX:343
- British Guiana, Sp1959,IX:284
- De Beers synthetic diamonds,
W1959-1960,IX:373
- Diamond-and-sapphire nail filles!,
Su1959,IX:317
- Diamond digging in Arkansas,
Su1959,IX:318
- Diamond displays, W1959-
1960,IX:373
- Diamond sales, W1959-
1960,IX:373
- Famous diamonds, Su1959,IX:317
- Industrial diamond research,
Su1959,IX:317
- Kimberley, South Africa,
Su1959,IX:317
- "Madona of the Star," a creation in
star sapphire, W1957-
1958,IX:123
- National Bureau of Standards uses
a flawless Type II diamond in
experiments, W1957-
1958,IX:125
- Nepal, Sp1959,IX:284
- New Delhi, Sp1959,IX:284
- Rare mineral found in California,
W1957-1958,IX:122-123
- Rhodesia, Sp1959,IX:284
- Rhodesia, Sp1959,IX:284
- Russia, F1959,IX:343
- Russia, W1959-1960,IX:373
- Singapore, F1959,IX:343
- Sweden has gemstone and pearl
exhibition, W1957-1958,IX:124
- \$13,000 diamond-grinding wheels,
Su1959,IX:317
- U.S.A., F1959,IX:343,349;
F1959,IX:350
- Vatican City, Su1959,IX:317
- VOLUME X**
- Antarctica, Sp1961,X:157
- Arkansas, Sp1960,X:29
- Borneo, F1960,X:93
- British Guiana, F1960,X:93
- De Beers, Sp1960,X:23
- Diamond and gem industries in
Israel, F1962,X:351
- Diamond sales, F1960,X:93
- Diamond sales remain high,
F1962,X:351
- Holland, Sp1960,X:23
- Indonesia, Sp1961,X:157
- Jagersfontein mine, Sp1961,X:156
- New method of cutting diamond,
Sp1961,X:156
- Portable diamond detector,
Sp1961,X:157
- Russia, Sp1960,X:23
- Russia, Sp1960,X:29
- Russia, Sp1961,X:156-157
- South Africa [1st entry],
F1960,X:93
- South Africa [2nd entry],
F1960,X:93
- South West Africa, F1962,X:351
- Two and one-half pound sapphire,
F1962,X:351
- U.S.A. [1st entry], Sp1960,X:23
- U.S.A. [2nd entry], Sp1960,X:23
- U.S.A., Sp1960,X:23,29
- U.S.A., F1960,X:93
- U. S. jewelry exports, F1962,X:351
- Venezuela, Sp1960,X:23
- VOLUME XI**
- Diamond knife, Su1963,XI:62
- First European plant for synthetic
diamonds, Su1963,XI:62
- Rough-diamond sales rise again,
Su1963,XI:62
- South Africa, Su1963,XI:62-63
- VOLUME XII**
- Attempt to revive Whitby jet mar-
ket, Sp1967,XII:157
- Diamond sales, W1966-
1967,XII:125
- Czechoslovakia, W1966-
1967,XII:125
- Ireland, W1966-1967,XII:125-126
- Nature of the plastic deformation
of diamond crystals,
Sp1967,XII:157
- South Africa diamond cutting,
W1966-1967,XII:126
- World's largest star sapphire,
Sp1967,XII:158
- Gübelin, E.J.
Australian emerald, W1961-
1962,X:251
- Black-treated opals,
Sp1964,XI:157-159
- Ekanite. Another new metamict
gem from Ceylon,

- Su1961,X:163-179,191
Leucite. A gem of volcanic origin, F1959,IX:333-335,350
Maw-sit-sit. A new decorative gemstone from Burma, W1964-1965,XI:227-238,255
Maw-sit-sit proves to be jadealbite, Su1965,XI:302-308
More light on beryls and rubies with synthetic overgrowth, W1960-1961,X:105-113
Notes on the new emeralds from Sandawana, F1958,IX:195-203
The phase-contrast method, F1957,IX:67-79
Two new synthetic emeralds, Sp1964,XI:139-148
A visit to the turquoise mines in Iran, Sp1966,XII:3-13
- Gunn, C.B.:**
A descriptive catalogue of the drift diamonds of the Great Lakes region, North America, Su1968,XII:297-303; F1968,XII:333-334
- H**
- Hamilton, John:**
The black opals of Lightning Ridge, W1965-1966,XI:355-358; Sp1966,XII:14-19,31
- Hannaford, G.B.:**
Diamond mining and recovery today, F1963,XI:67-79,94-95
- Holmes, R.J, and G.R. Crowningshield:**
A new emerald substitute, Sp1960,X:11-22
- I**
- Iler, R.K.:**
Formation of precious opal, F1967,XII:194-198
- J**
- Jahns, Richard:**
The constituents and nature of matter, Sp1958,IX:148-157
Formation of minerals. Physical properties, W1958-1959,IX:240-247; Sp1959,IX:271-279; Su1959,IX:310-313,318-319; F1959,IX:344-347
More light on beryls and rubies with synthetic overgrowth, W1960-1961,X:105-113
The nature of crystals—Geometric relationships, Su1958,IX:180-190
- Jessop, J.E.:**
Glittering oasis, W1958-1959,IX:232-239
- Johnson, P.W.:**
Common gems of San Diego County, California, W1968-1969,XII:358-371; [correction Sp1969,XIII:40]
- K**
- Keller, J.E.:**
The lapidary of the Learned King, W1957-1958,IX:105-110,118-121
- Kemp, Russ:**
The Lizzadro Museum of Lapidary Art, Su1963,XI:58-61
- Kolodny, Lev:**
Seven wonders of the Soviet Union's diamond fund, Sp1968,XII:272-276
- L**
- Liddicoat, R.T., Jr.:**
Are present diamond rulings adequate? Su1957,IX:38-42
Cultured-pearl farming and marketing, Su1967,XII:162-172
Developing the powers of observation in gem testing, Su1962,X:291-303,319
Developments and highlights at the Gem Trade Lab in Los Angeles, W1961-1962,X:247-251; Sp1962,X:278-280; Su1962,X:315-318; F1962,X:342-346; Sp1963,XI:17-22; Su1963,XI:50-57; F1963,XI:88-92; W1963-1964,XI:114-121; Sp1964,XI:149-156; Su1964,XI:185-189; F1964,XI:219-221; W1964-1965,XI:247-253; Sp1965,XI:281-286; Su1965,XI:313-317; F1965,XI:339-341; W1965-1966,XI:368-376; Sp1966,XII:24-29; Su1966,XII:58-62; W1966-1967,XII:118-124; Sp1967,XII:146-156; Su1967,XII:183-190; F1967,XII:212-223; W1967-1968,XII:247-253; Sp1968,XII:281-288; Su1968,XII:311-320; F1968,XII:344-352; W1968-1969,XII:379-383
Developments in the synthetic-emerald field, Sp1964,XI:131-138
Diamond-proportion grading and the new ProportionScope, Sp1967,XII:130-136
The GIA photoscope, F1964,XI:195-199
International Gemmological Conference [Barcelona], W1966-1967,XII:99-102,126
The International Gemmological Conference in Vienna, F1964,XI:200-209,222-223
A memorial tribute to Lester B. Benson, Jr., F1961,X:206-209
Rapid sight estimates of diamond-cutting quality, F1962,X:323-335; W1962-1963,X:365-375
A report on European laboratories, Sp1961,X:131-141,157-158
Liddicoat, R.T., Jr and H.L. McKague: De Beers & Kaplan make important gift to GIA, Su1966,XII:35-42
- M**
- Mahajan, B.S.:**
A study of style and fashion in Indian jewelry, F1958,IX:204-220
- Martin, J.G.M.:**
Historical Himalaya tourmaline mine resumes production, Su1958,IX:163-173
- Mayers, D.E.:**
Sandawana emeralds. Some commercial aspects, F1958,IX:221-223
- McConahay, W.C.:**
Clarity, Su1958,IX:174-179,190
- McKague, H.L.:**
Hydrogrossular—A hydrogarnet from the Transvaal, Su1966,XII:49-57; F1966,XII:74-76,95
The serpentine mineral group, F1968,XII:326-332,356
Trapiche emeralds from Colombia, F1964,XI:210-213,223
See also Liddicoat, R.T., Jr.
- Messchaert, G.W.:**
The stone carvers of Kofu, Japan, W1966-1967,XII:103-109
- Miles, E.R.:**
Coated diamonds, Su1964,XI:163-168
Diamond-coating techniques and methods of detection, W1962-1963,X:355-364,383
South America and the world diamond market, W1967-1968,XII:226-238
- Mumbach, N.R.:** See Flanigen, E.M.
- P**
- Polutoff, N.:**
The Siberian diamond deposits, F1965,XI:342-349,351; W1965-1966,XI:377-379
- Pough, F.H.:**
Mallorca and imitation pearls, Sp1965,XI:273-280
- R**
- Rolff, Almeida:**
First Brazilian diamond dredge, W1967-1968,XII:239-241

Rooke, Daphne:
Here lies hidden [condensed ver-
sion], W1963-1964,XI:107-110,126

S

Sanders, J.V.: See Darragh, P.J.
Schulke, A.A.:
Artificial coloration of diamonds,
W1961-1962,X:227-241
Seal, Michael:
The surface structure of diamonds,
Su1962,X:309-314
Shipley, R.M., Jr.:
Electronic colorimeter for dia-
monds, Sp1958,IX:136-143,158
Shreve, R.N.:
Jade cutting today, F1960,X:81-89
Sinkankas, John:
1800 sea-green carats,

Su1959,IX:299-305
"Green" amethyst from Four
Peaks, Arizona, F1957,IX:88-
95

Recent gem mining at Pala, San
Diego County, California,
F1957,IX:80-87,95
World's largest kunzite crystal,
Sp1962,X:274-277,287
Book review:
Smith, G.F.H. *Gemstones* (13th
edition; revised by F.C. Phillips),
W1958-1959,IX:248-253

T

Taylor, A.M.: See Flanigen, E.M
Tillander, H.:
Six centuries of diamond design,
F1966,XII:77-94

V

Vierthaler, A.A.:
Wisconsin diamonds, F1961,X:210-
215

W

Webster, Robert:
Corundum in Tanganyika,
F1961,X:202-205
Imitation pearls -Their manufac-
ture and properties,
Sp1958,IX:144-147
Massive grossularite,
Su1963,XI:35-37,61
A new imitation turquoise from
Germany, W1957-1958,IX:115-117
Wells, C.L.:
Idar-Oberstein today,
Sp1959,IX:259-263