

M. D. Foster	I. Kushiro	Rustum Roy
W. R. Foster	Kathleen Lonsdale	C. P. Saylor
Clifford Frondel	B. F. Leonard	J. F. Schairer
A. J. Frueh, Jr.	D. H. Lindsley	C. J. Schneer
A. A. Giardini	Alexander McBirney	H. P. Schwarz
Julian Goldsmith	Duncan McKie	C. B. Sclar
E. W. Gorter	J. Mering	David Shelley
D. L. Graf	Charles Milton	P. J. Shlichta
H. J. Greenwood	A. Miyashiro	Raymond Siever
G. E. Gurr	J. M. Moore	L. T. Silver
S. E. Haggerty	P. B. Moore	D. R. Simpson
R. A. Hatch	M. E. Mrose	B. J. Skinner
C. E. Helsley	F. A. Mumpton	D. K. Smith
C. L. Herzenberg	Joseph Murdoch	J. H. Spotts
H. H. Hess	Kurt Nassau	D. B. Stewart
Nils Hollander	H. W. Newkirk	George Switzer
Lincoln Hollister	D. C. Noble	T. P. Thayer
C. S. Hurlbut	Werner Nowacki	Priestley Toulmin III
T. N. Irvine	P. M. Orville	Rudolf von Huene
M. L. Jackson	Adolf Pabst	D. R. Waldbaum
O. Jarchow	N. J. Page	J. C. Walker
G. Johnson	J. J. Papike	G. J. Wasserburg
Klaus Keil	Steffan Peiser	Sigmund Weissmann
W. C. Kelly	C. T. Prewitt	P. K. Weyl
G. C. Kennedy	D. R. Peacor	W. B. White
Cornelis Klein	Dennis Radcliffe	J. F. G. Wilkinson
D. W. Kohls	P. H. Ribbe	Horace Winchell
J. R. Kramer	J. L. Rodda	D. R. Wones
Robert Kühn	G. W. Roland	Josef Zemann
Gunnar Kullerud	P. E. Rosenberg	Tibor Zoltai
	Malcolm Ross	

Respectfully submitted,  
WILLIAM T. HOLSER, *Editor*

#### LIST OF FORMER OFFICERS AND MEETING PLACES

##### HONORARY PRESIDENTS

Edward S. Dana 1925-1935  
Charles Palache 1949-1954  
Edward H. Kraus 1955-

##### PRESIDENTS

1920 Edward H. Kraus  
1921 Charles Palache  
1922 Thomas L. Walker  
1923 Edgar T. Wherry  
1924 Henry S. Washington  
1925 Arthur S. Eakle  
1926 Waldemar T. Schaller  
1927 Austin F. Rogers

##### VICE-PRESIDENTS

1920 Thomas L. Walker  
1921 Waldemar T. Schaller  
1922 Frederick A. Canfield  
1923 George F. Kunz  
1924 Washington A. Roebling  
1925 Herbert P. Whitlock  
1926 George Vaux, Jr.  
1927 George L. English

PRESIDENTS (*Cont.*)

1928 Esper S. Larsen  
 1929 Arthur L. Parsons  
 1930 Herbert E. Merwin  
 1931 Alexander H. Phillips  
 1932 Alexander N. Winchell  
 1933 Herbert P. Whitlock  
 1934 John E. Wolff  
 1935 Clarence S. Ross  
 1936 William S. Bayley  
 1937 Norman L. Bowen  
 1938 Ellis Thomson  
 1939 Max N. Short  
 1940 William F. Foshag  
 1941 Frederick E. Wright  
 1942 Arthur F. Buddington  
 1943 John F. Schairer  
 1944 R. C. Emmons  
 1945 Kenneth K. Landes  
 1946 Paul F. Kerr  
 1947 M. J. Buerger  
 1948 M. A. Peacock  
 1949 John W. Gruner  
 1950 George Tunell  
 1951 A. Pabst  
 1952 Michael Fleischer  
 1953 J. D. H. Donnay  
 1954 Sterling B. Hendricks  
 1955 Harry H. Hess  
 1956 Clifford Fondel  
 1957 D. Jerome Fisher  
 1958 George E. Goodspeed  
 1959 Ralph E. Grim  
 1960 Joseph Murdoch  
 1961 E. F. Osborn  
 1962 Ian Campbell  
 1963 C. S. Hurlbut, Jr.  
 1964 Leonard G. Berry  
 1965 George T. Faust  
 1966 Brian H. Mason  
 1967 Felix Chayes  
 1968 James B. Thompson

## SECRETARIES

1920-1922 Herbert P. Whitlock  
 1923-1933 Frank R. Van Horn  
 1933-1934 Albert B. Peck  
 1934-1944 Paul F. Kerr  
 1944-1959 C. S. Hurlbut, Jr.  
 1959-1966 George Switzer  
 1966 Ralph J. Holmes

VICE-PRESIDENTS (*Cont.*)

1928 Lazard Cahn  
 1929 Edward Wigglesworth  
 1930 John E. Wolff  
 1931 William F. Foshag  
 1932 Joseph L. Gillson  
 1933 Frank B. Guild  
 1934 William A. Tarr  
 1935 Ellis Thomson  
 1936 Harold L. Alling  
 1937 H. V. Ellsworth  
 1938 Kenneth K. Landes  
 1939 Burnham S. Colburn  
 1940 Ian Campbell  
 1941 William J. McCaughey  
 1942 Martin J. Buerger  
 1943 John W. Gruner  
 1944 Harry Berman  
 1945 George Tunell  
 1946 S. B. Hendricks  
 1947 Carl Tolman  
 1948 A. Pabst  
 1949 J. D. H. Donnay  
 1950 Ralph E. Grim  
 1951 Michael Fleischer  
 1952 J. D. H. Donnay  
 1953 Sterling B. Hendricks  
 1954 Harry H. Hess  
 1955 Clifford Frondel  
 1956 D. Jerome Fisher  
 1957 George E. Goodspeed  
 1958 Ralph E. Grim  
 1959 Joseph Murdoch  
 1960 E. F. Osborn  
 1961 Ian Campbell  
 1962 C. S. Hurlbut, Jr.  
 1963 Leonard G. Berry  
 1964 George T. Faust  
 1965 Brian H. Mason  
 1966 Felix Chayes  
 1967 James B. Thompson  
 1968 Francis J. Turner

## TREASURERS

1920-1923 Albert B. Peck  
 1924-1929 Alexander H. Phillips  
 1929-1930 Albert B. Peck  
 1930-1940 Waldemar T. Schaller  
 1941-1958 Earl Ingerson  
 1958-1968 Marjorie Hooker

## EDITORS

1920-1921 Edgar T. Wherry  
 1922-1956 Walter F. Hunt  
 1957-1961 Lewis S. Ramsdell

1961-1966 E. Wm. Heinrich  
 1966- William T. Holser

## COUNCILORS

1920 Arthur S. Eakle, Frank R. Van Horn, Fred E. Wright, Alexander H. Phillips.  
 1921 Frank R. Van Horn, Fred E. Wright, Alexander H. Phillips, Austin F. Rogers.  
 1922 Fred E. Wright, Alexander H. Phillips, Austin F. Rogers, Thomas L. Watson.  
 1923 Alexander H. Phillips, Austin F. Rogers, Thomas L. Watson, Esper S. Larsen.  
 1924 Austin F. Rogers, Thomas L. Watson, Esper S. Larsen, Arthur L. Parsons.  
 1925 Thomas L. Watson, Esper S. Larsen, Arthur L. Parsons, William F. Foshag.  
 1926 Esper S. Larsen, Arthur L. Parsons, William F. Foshag, William A. Tarr.  
 1927 Arthur L. Parsons, William F. Foshag, William A. Tarr, Alexander N. Winchell.  
 1928 William F. Foshag, William A. Tarr, Alexander N. Winchell, Ellis Thomson.  
 1929 William A. Tarr, Alexander N. Winchell, Ellis Thomson, Clarence S. Ross.  
 1930 Alexander N. Winchell, Ellis Thomson, Clarence S. Ross, Paul F. Kerr.  
 1931 Ellis Thomson, Clarence S. Ross, Paul F. Kerr, William S. Bayley.  
 1932 Clarence S. Ross, Paul F. Kerr, William S. Bayley, William J. McCaughey.  
 1933 Paul F. Kerr, William S. Bayley, William J. McCaughey, Kenneth K. Landes.  
 1934 William S. Bayley, William J. McCaughey, Kenneth K. Landes, E. P. Henderson.  
 1935 William J. McCaughey, Kenneth K. Landes, E. P. Henderson, J. F. Schairer.  
 1936 Kenneth K. Landes, E. P. Henderson, J. F. Schairer, Arthur F. Buddington.  
 1937 E. P. Henderson, J. F. Schairer, Arthur F. Buddington, Arthur P. Honess.  
 1938 J. F. Schairer, Arthur F. Buddington, Arthur P. Honess, R. C. Emmons.  
 1939 Arthur F. Buddington, Arthur P. Honess, R. C. Emmons, Carl Tolman.  
 1940 Arthur P. Honess, R. C. Emmons, Carl Tolman, D. Jerome Fisher.  
 1941 R. C. Emmons, Carl Tolman, D. Jerome Fisher, Martin A. Peacock.  
 1942 Carl Tolman, D. Jerome Fisher, Martin A. Peacock, Adolf Pabst.  
 1943 D. Jerome Fisher, Martin A. Peacock, Adolf Pabst, C. S. Hurlbut, Jr.  
 1944 Martin A. Peacock, Adolf Pabst, Michael Fleischer, S. J. Shand.  
 1945 Adolf Pabst, Michael Fleischer, S. J. Shand, R. E. Grim.  
 1946 Michael Fleischer, S. J. Shand, R. E. Grim, Joseph Murdoch.  
 1947 S. J. Shand, R. E. Grim, Joseph Murdoch, H. H. Hess.  
 1948 R. E. Grim, Joseph Murdoch, H. H. Hess, Clifford Frondel.  
 1949 Joseph Murdoch, H. H. Hess, Clifford Frondel, Lewis S. Ramsdell.  
 1950 H. H. Hess, Clifford Frondel, Lewis S. Ramsdell, E. F. Osborn.  
 1951 Clifford Frondel, Lewis S. Ramsdell, E. F. Osborn, George T. Faust.  
 1952 Lewis S. Ramsdell, E. F. Osborn, George T. Faust, Victor T. Allen.  
 1953 E. F. Osborn, George T. Faust, Victor T. Allen, C. Osborne Hutton.  
 1954 George T. Faust, Victor T. Allen, C. Osborne Hutton, Felix Chayes.  
 1955 Victor T. Allen, C. Osborne Hutton, Felix Chayes, L. G. Berry.  
 1956 C. Osborne Hutton, Felix Chayes, L. G. Berry, C. B. Slawson, A. O. Woodford.  
 1957 Felix Chayes, L. G. Berry, C. B. Slawson, A. O. Woodford, S. S. Goldich.  
 1958 L. G. Berry, C. B. Slawson, A. O. Woodford, S. S. Goldich, B. H. Mason, R. H. Jahns,  
 C. Milton.  
 1959 S. S. Goldich, B. H. Mason, R. H. Jahns, C. Milton, W. R. Foster, E. W. Nuffield.  
 1960 R. H. Jahns, C. Milton, W. R. Foster, E. W. Nuffield, J. R. Goldsmith, Horace  
 Winchell.

- 1961 W. R. Foster, E. W. Nuffield, J. R. Goldsmith, Horace Winchell, R. M. Garrels, O. F. Tuttle.  
 1962 J. R. Goldsmith, Horace Winchell, R. M. Garrels, O. F. Tuttle, Francis J. Turner, Hatten S. Yoder, Jr.  
 1963 R. M. Garrels, O. F. Tuttle, Francis J. Turner, Hatten S. Yoder, Jr., W. F. Bradley, Howard T. Evans, Jr.  
 1964 Francis J. Turner, Hatten S. Yoder, Jr., W. F. Bradley, Howard T. Evans, Jr., Harold L. James, Joseph V. Smith.  
 1965 W. F. Bradley, Howard T. Evans, Jr., Harold L. James, Joseph V. Smith, William T. Pecora, William S. Fyfe, Walter D. Keller.  
 1966 Harold L. James, Joseph V. Smith, William S. Fyfe, Walter D. Keller, Eugene N. Cameron, William S. MacKenzie.  
 1967 Eugene N. Cameron, Robert G. Coleman, William S. Fyfe, Donald L. Graf, Walter D. Keller, William S. MacKenzie.  
 1968 F. Donald Bloss, Eugene N. Cameron, Charles L. Christ, Robert G. Coleman, Donald L. Graf, William S. MacKenzie.

## Annual Meeting Places

- |                               |                                |
|-------------------------------|--------------------------------|
| 1920 Chicago, Illinois        | 1944 No meeting held           |
| 1921 Amherst, Massachusetts   | 1945 Pittsburgh, Pennsylvania  |
| 1922 Ann Arbor, Michigan      | 1946 Chicago, Illinois         |
| 1923 Washington, D. C.        | 1947 Ottawa, Canada            |
| 1924 Ithaca, New York         | 1948 New York, New York        |
| 1925 New Haven, Connecticut   | 1949 El Paso, Texas            |
| 1926 Madison, Wisconsin       | 1950 Washington, D. C.         |
| 1927 Cleveland, Ohio          | 1951 Detroit, Michigan         |
| 1928 New York, New York       | 1952 Boston, Massachusetts     |
| 1929 Washington, D. C.        | 1953 Toronto, Canada           |
| 1930 Toronto, Canada          | 1954 Los Angeles, California   |
| 1931 Tulsa, Oklahoma          | 1955 New Orleans, Louisiana    |
| 1932 Cambridge, Massachusetts | 1956 Minneapolis, Minnesota    |
| 1933 Chicago, Illinois        | 1957 Atlantic City, New Jersey |
| 1934 Rochester, New York      | 1958 St. Louis, Missouri       |
| 1935 New York, New York       | 1959 Pittsburgh, Pennsylvania  |
| 1936 Cincinnati, Ohio         | 1960 Denver, Colorado          |
| 1937 Washington, D. C.        | 1961 Cincinnati, Ohio          |
| 1938 New York, New York       | 1962 Houston, Texas            |
| 1939 Minneapolis, Minnesota   | 1963 New York, New York        |
| 1940 Austin, Texas            | 1964 Miami Beach, Florida      |
| 1941 Boston, Massachusetts    | 1965 Kansas City, Missouri     |
| 1942 No meeting held          | 1966 San Francisco, Calif.     |
| 1943 No meeting held          | 1967 New Orleans, Louisiana    |
|                               | 1968 Mexico City, Mexico       |

## Recipients of the Roebling Medal

- |                            |                           |
|----------------------------|---------------------------|
| 1937 Charles Palache       | 1941 Esper S. Larsen, Jr. |
| 1938 Waldemar T. Schaller  | 1945 Edward H. Kraus      |
| 1940 Leonard James Spencer | 1946 Clarence S. Ross     |

1947 Paul Niggli	1958 Martin J. Buerger
1948 William Lawrence Bragg	1959 Felix Machatschki
1949 Herbert E. Merwin	1960 Tom F. W. Barth
1950 Norman L. Bowen	1961 Paul Ramdohr
1952 Fred E. Wright	1962 John W. Gruner
1953 William F. Foshag	1963 John Frank Schairer
1954 Cecil Edgar Tilley	1964 Clifford Frondel
1955 Alexander N. Winchell	1965 Adolf Pabst
1956 Arthur F. Buddington	1966 Max H. Hey
1957 Walter F. Hunt	1967 Linus Pauling
	1968 Tei-ichi Ito

Recipients of the Mineralogical Society of America Award

1951 Orville G. Tuttle	1960 Donald L. Graf
1952 Frederick H. Stewart	1961 Joseph V. Smith
1953 L. H. Ahrens	1962 Douglas S. Coombs
1954 Hatten S. Yoder, Jr.	1963 Nobuo Morimoto
1955 Julian R. Goldsmith	1964 William S. Fyfe
1956 George C. Kennedy	1965 Peter J. Wyllie
1957 Rustum Roy	1966 David B. Stewart
1958 Charles E. Weaver	1967 Alfred E. Ringwood
1959 Harry F. W. Taylor	1968 Barclay Kamb