

close of the session for papers, a field trip to the Barringer Meteorite Crater was scheduled.

The next meeting of the Astronomical Society of the Pacific will be held at the University of California, Los Angeles, June 10-12, 1958.

GIBSON REAVES  
Department of Astronomy  
University of Southern California

ANNUAL REPORT OF THE SECRETARY-TREASURER  
FOR THE YEAR ENDED DECEMBER 31, 1956

MEMBERSHIP

Patron .....	1
Bruce Medalists .....	18
Life .....	99
Regular .....	905
	<hr/>
Total, December 31, 1956 .....	1,023
Total, December 31, 1955 .....	967
	<hr/>
Increase .....	56

DEATHS AS REPORTED TO THIS OFFICE IN 1956

*Bruce Medalist*

Walter S. Adams, Pasadena, California

*Life Members*

E. J. De Sabla, Jr., New York, N.Y.  
Miguel Selga, S.J., Manila, P.I.  
Julius Stone, Columbus, Ohio

*Regular Members*

Walter S. Heller, San Francisco, California  
Hon. Carl Hinshaw, Washington, D.C.  
Robert J. Trumpler, Aptos, California  
C. B. Woodruff, Menlo Park, California

STATEMENT OF INCOME AND EXPENDITURES FOR THE  
YEAR ENDED DECEMBER 31, 1956

January 1, 1956, cash on hand			
Commercial account			\$19,675.24
Savings accounts			2,420.18
Bank of California, agency account			1,724.87
			\$23,820.29
<i>Receipts</i>			
Dividends on stock		\$21,104.09	
Interest received		1,834.43	
Trumpler Memorial Fund (as of Dec. 31st)		310.00	
Payment of notes		1,012.33	
Life membership		100.00	
Index II ( <i>Publications</i> ), sale		5.00	
<i>Leaflet</i> subscriptions		10.50	
Membership dues		5,920.50	
<i>Publications</i> sales		546.50	
Vol. III <i>Leaflets</i> , sales		45.46	
Vol. I and II <i>Leaflets</i> , sales		49.96	
			\$30,938.77
<i>Disbursements</i>			
General Expense			
Salary, assistant secretary, 12 months			\$1,500.00
Office expense, 12 months			300.00
General postage			169.60
Stationery, etc., and small file			62.67
Moving <i>Publications</i> Bank of California to University of California			15.50
Bank storage (closing charge)			21.00
Insurance, <i>Publications</i> , etc., at Berkeley			52.92

Safe deposit box .....	4.00	
Audit .....	200.00	
Addressograph plates .....	29.99	
Printing, letterheads, bills, application cards .....	60.86	
A.A.S. joint meeting expenses and travel allowance .....	172.78	
Directors' travel expenses.....	530.60	
Postage, Pasadena .....	20.00	
Postage and misc. expenses, Berkeley .....	200.00	
Sundries, sales tax, telephone, etc. ....	16.21	\$ 3,356.13
Payroll taxes .....		36.60
Interest purchased .....		492.57
Bank of California, agency expense (cost of handling securities) .....		1,994.59
Bruce Medal expense .....		165.00
<i>Leaflet</i> expense .....		1,661.28
Lecture expense .....		689.25
<i>Publications</i> expense (6 issues) .....	\$9,137.58	
Less page charges .....	1,554.35	\$ 7,583.23
<i>Publications</i> review articles .....		600.00
<i>Publications</i> reprints, cuts (collectible during 1957) .....		447.52
<i>Publications</i> expense, office furniture at Lick Observatory .....	\$ 404.05	
Office help and supplies, Lick Observatory .....	457.24	861.29
Excess of receipts over disbursements .....		\$13,051.31
Additional securities purchased out of income .....		\$36,871.60
		13,843.58
		\$23,028.02
Cash on hand December 31, 1956 .....		\$ 9,132.29
Commercial account .....		12,515.47
Savings accounts .....		1,380.26
Bank of California, agency account .....		\$23,028.02

## ACTIVITIES OF THE SOCIETY

## FUNDS HELD BY THE SOCIETY

	December 31, 1956	December 31, 1955
Thomas Lincoln Casey Endowment .....	\$324,264	\$279,845
Louise Ware Endowment .....	36,653	31,632
Alexander F. Morrison Foundation .....	28,968	25,000
Life Membership Fund .....	7,250	5,250
Charles H. Adams Memorial .....	5,794	5,000
Robert Grant Aitken Memorial .....	5,794	5,000
William Alford .....	5,794	5,000
John Dolbeer .....	5,794	5,000
James Alexander Montgomery, Library .....	4,056	3,500
Catherine Wolfe Bruce, Gold Medal .....	3,476	3,000
Arthur Lovel Black .....	3,215	2,775
Charles S. Cushing .....	2,897	2,500
Klumpke-Roberts, Lecture .....	2,317	2,000
Edward A. Davis .....	1,159	1,000
George Ellery Hale .....	1,159	1,000
James A. Donohoe, Comets .....	579	500
Robert J. Trumpler, Memorial .....	310	...
	\$439,479	\$378,002

*Comment on Funds.*—At the September 8, 1954 meeting of the Board of Directors of the Astronomical Society of the Pacific, the Finance Committee was empowered to commingle the funds and securities of the Society for the purpose of investment. The increase in the value of each fund, 1956 over 1955, is due to the increase in the value of the securities, through sale and re-investment—over a period of some years. Each figure, in the column headed 1955, represents the value of the fund on the date, or dates, on which it was presented to the Society by the donor, or donors. Exception—the Life Membership Fund.

## SECURITIES HELD BY THE SOCIETY

Under the supervision of the Finance Committee (Clifton H. Kroll, C. Nelson Hackett, Donald M. Gregory), the Bank of California, N.A., San Francisco, manages the investment of the funds of the Society. Securities held as of December 31, 1956, are listed below:

## ACTIVITIES OF THE SOCIETY

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	Par Value	Cost	Market
<i>United States Government Bonds</i>			
Series Bonds, K, 2.76's, 11/1/66 .....	\$10,000	\$10,000	\$ 9,750
<i>Corporation Bonds</i>			
American Telephone and Telegraph, 2¾'s, 12/1/70 .....	10,000	9,775	8,800
American Telephone and Telegraph, 3¾'s, 12/1/73 .....	12,000	11,640	10,920
Consolidated Edison of N.Y., 1st Mtg. 3¾'s, 1/1/84 .....	25,000	26,414	23,000
Detroit Edison General & Refunding, 3¾'s, 5/15/80 .....	15,000	15,213	13,800
General Motors Acceptance Corp., 2¾'s, 7/15/64 .....	10,000	9,925	9,000
Minneapolis Honeywell Reg. Co., 3¾'s, 8/1/76 .....	20,000	19,900	19,800
Northern Illinois Gas Co., 3¾'s, 4/1/81 .....	10,000	10,173	10,000
Public Service Electric and Gas Co., 4¾'s, 11/1/86 .....	20,000	20,251	20,000
Southern Bell Telephone Co., 4's, 10/1/83 ....	20,000	20,150	20,000
Southern California Edison Co., 3's, 9/1/65....	20,000	19,300	18,400
		<u>\$162,741</u>	<u>\$153,720</u>
Total Bonds .....	<u>\$172,741</u>	<u>\$163,470</u>	

	Shares	Cost	Market
<i>Preferred stocks</i>			
California Oregon Power Co. 6% .....	51	\$ 5,966	\$ 5,610
Consumers Power Co. \$4.50.....	75	8,288	7,050
Crown Zellerbach Corp. \$4.20 .....	100	10,339	9,200
General Telephone Co. of California. 4½% ...	125	2,837	2,120
General Telephone Co. of Calif. 4½% cum....	300	6,150	5,100
Pacific Gas and Electric Co. 5% 1st. ....	100	2,769	2,500
Pacific Gas and Electric Co. 5½% 1st. ....	300	9,364	8,400
Potomac Electric Power Co. 3.60% .....	300	13,234	12,000
Southern California Edison 4.32% .....	300	8,159	6,600
Southern California Gas Co. 6% .....	100	3,200	2,800
Southern California Gas Co. 6% 'A' .....	300	11,053	8,700
Union Electric Co. \$4.50 .....	150	16,587	14,100
Total preferred stocks.....		<u>\$ 97,947</u>	<u>\$ 84,180</u>

## ACTIVITIES OF THE SOCIETY

	Shares	Cost	Market
<i>Common stocks</i>			
American Chicle Company .....	237	\$ 8,952	\$ 13,270
Cincinnati Gas and Electric Co. ....	525	8,243	13,650
Consolidated Edison of New York .....	400	18,653	18,000
Crown Zellerbach Corp.....	450	11,399	23,850
Eastman Kodak Co. ....	300	10,911	26,400
General Electric Co. ....	900	16,575	54,000
National Lead Co. ....	700	17,850	77,000
Pacific Gas and Electric Co. ....	315	12,339	15,440
J. C. Penney Co. ....	155	13,738	12,710
Public Service Electric and Gas Co. ....	400	11,517	12,400
Sears Roebuck and Co. ....	600	14,349	17,400
Southern California Edison .....	300	12,974	13,500
Standard Oil of New Jersey .....	900	17,738	53,100
Union Electric Co. ....	500	13,301	13,000
Total common stocks .....		<u>\$188,539</u>	<u>\$363,720</u>
Total stocks .....		<u>\$286,486</u>	<u>\$447,900</u>
Total marketable investments .....		<u>\$459,227</u>	<u>\$611,370</u>

## SUMMARY

	Cost	% of Total	Market	% of Total
Bonds .....	\$172,741	37.6	\$163,470	26.7
Preferred stocks .....	97,947	21.3	84,180	13.8
Common stocks .....	188,539	41.1	363,720	59.5
Total .....	<u>\$459,227</u>	100.0	<u>\$611,370</u>	100.0

A yearly audit of the books of the Astronomical Society of the Pacific is made by Farquhar and Heimbucher, Certified Public Accountants, San Francisco.

Respectfully submitted,

STURLA EINARSSON, *Secretary-Treasurer*

VERA GRAVES, *Assistant Secretary-Treasurer*

*Membership.*—The following have recently applied for membership in the Society:

*New Regular Members*

- Joe A. Adamcik, 219 Noyes Laboratory, University of Illinois, Urbana, Ill.  
 A. C. Armanini, Jr., 6905 Vicksburg Place, Stockton 4, Calif.  
 Finn Eyolf Bronner, 516 La Marina Drive, Santa Barbara, Calif.  
 O. Castelein, c/o Cobelmin, Saulia Via Punia, Belgian Congo  
 John L. Climenhaga, Physics Dept., Victoria College, Victoria, B.C.  
 Laurence S. Clutz, 7827 Wyoming, Kansas City, Mo.  
 Julio Mario Diaz, Taracido, Este 15 No. 57, Caracas, Venezuela  
 Stephen H. Dole, 6313 Jumilla Ave., Woodland Hills, Calif.  
 S/Sgt. Parley Eaton AF 13419557, 5th AF HQ SQ Box 1393, APO 925,  
 San Francisco, Calif.  
 Guro Gjellestad, Magnetic Bureau, Nygaardsgt. 114, Bergen, Norway  
 A. M. Grayson, 1181 Cavanaugh Way, Sacramento 22, Calif.  
 Lt.-Col. Paul E. Greene, 1642 Westwood Blvd., Los Angeles 24, Calif.  
 Su-Shu Huang, Dept. of Astronomy, University of California, Berkeley 4,  
 Calif.  
 Robert C. Hulbert, 491 La Vista Road, Walnut Creek, Calif.  
 Walter T. Janney, 1746 Sunset Drive, Clearwater, Fla.  
 H. R. E. Johnston, 922 Centre St. S., Whitby, Ontario  
 Mrs. Floyd C. Knight, 6990 Oakes Road, Brecksville, Ohio  
 Roger G. Knuth, Box No. 2, Station C, Buffalo 9, N.Y.  
 Francisco Aniceto Lugo, Estudio Lugo, Edificio del Puente La Trinidad,  
 Caracas, Venezuela  
 Jos. Matte, 58 Ave. Clairmont, Ste. Foy, Quebec 10, P.Q.  
 Clair Omar Musser, 12997 Blairwood Drive, Studio City, Calif.  
 Menelas D. Parsalis, Post Office, Heliopolis, Egypt  
 T. V. Roelof-Lanner, 5102 Melrose Ave., Los Angeles 38, Calif.  
 Aldo L. Rossato, Apartado de Correos 192, El Tigre, Venezuela  
 Robert Spalding, 340 S. Dale Court, Denver, Colo.  
 E. E. Spurgeon, 1429 S. Lincoln, Stockton, Calif.  
 Bengt Strömngren, Institute for Advanced Study, Princeton, N.J.  
 Richard Lee Stutts, 25 W. Hygea Ave., Phoebus, Va.  
 Capt. Edward Vincent, U.S. Army Med. SVC. G.P., Ryukyu Islands,  
 APO 331, San Francisco, Calif.

*New Student Members*

Thomas Quinn, 3641 Shannon Road, Los Angeles 27, Calif.  
J. Edward Westfall, 2513 Piedmont Ave., Berkeley 4, Calif.

*New Institutional Members*

Denver Astronomical Society, 340 S. Dale Court, Denver, Colo.  
Herdersche Buchhandlung, Postfach 285, Munich 1, Germany  
Institut d'Astronomie, L'Université de Lausanne, Lausanne, Switzerland  
Miyawaki Book Store, 24 Marugamechem 4-chome, Takamatsu-Shi, Japan  
Pinkus & Co., Postfach 25, Zurich, Switzerland  
Radio Astronomy Observatory, Box 2, Green Bank, W. Va.  
Technical Library, Holloman Air Force Base, N.M.