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BRIGHT VARIABLE STARS

Name	Position (1950)		Range	Period Days	Expected Maxima 1965
	R.A.	Dec.			
o Ceti (Mira)	02 <sup>h</sup> 16 <sup>m</sup> .8	- 3° 12'	2.6-9.4	331	Jan 31, Dec 29
R Doradus	04 36.2	-60 11	5.3-6.4	Irr.	
R Pictoris	04 44.8	-49 20	6.9-9.2	172?	
L <sub>2</sub> Puppis	07 12.0	-44 33	3.1-6.3	140?	
R Carinae	09 31.0	-62 34	4.5-9.4	309	May 3
S Carinae	10 07.8	-61 18	5.7-8.3	149	Feb 28, Jul 28, Dec 30
R Hydrae	13 27.0	-23 01	4.7-9.6	386	Jun 29
T Centauri	13 38.9	-33 21	6.0-8.2	90	Mar 11, Jun 10, Sep 9, Dec 9
R Centauri	14 12.9	-59 41	5.7-12.0	547	Oct 8
R Aquarii	23 41.2	-15 34	6.7-11.6	387	May 17

THE GILL MEDAL

Medallists

1956 H. Knox Shaw                      1958 J. Jackson  
 1957 W. P. Hirst                        1960 W. H. van den Bos  
    1963 A. W. J. Cousins

The Gill Medal commemorates Sir David Gill, H. M. Astronomer at the Cape ( 1879 - 1907 ) renowned for his numerous researches, especially in positional and mathematical astronomy and geodesy, and for his part in consolidating astronomical science in Southern Africa.

The medal was designed by Dr. P. Kirchhoff, President of the Society at the time, in 1955. The obverse carries a bas-relief portrait of Gill: the reverse incorporates a representation of the heliometer with which Gill undertook much of his positional work including a determination of the solar parallax. The medal which is struck in silver is awarded by Council for services to astronomy with special consideration to services in southern Africa.

## SOUTH AFRICAN OBSERVATORIES

Name	Place	E. Long.	S. Lat.	Alt.	Director
		1h+		ft	
Republic	Johannesburg	52m 18s.0	26°10'55"3	5925	W. S. Finsen
Republic Annexe	Hartebeespoort	51m 30s	25°46'22"	4002	
Royal Observatory	Cape Town	13m 54s.6	33°56'02"5	26	R. H. Stoy
Radclyffe	Pretoria	52m 54s.9	25°47'18"	5059	A. D. Thackeray
Royden	Bloemfontein	45m 37s.4	29°02'20"	4550	J. Dommanget
Seiden	Hartebeespoort	51m 30s	25°46'22"	4002	D. F. Stevenson
People's	Port Elizabeth	42m 19s.2	33°57'11"	330	P. E. Centre
Mont-Hussey	Bloemfontein	44m 56s.8	29°05'46"1	4825	F. Holden
Smithsonian					
Satellite-Tracking Station	Olifantsfontein	52m 59s.6	25°57'33"9	5066	R. Citron
Radio Space Research Station	Krugersdorp	48m 16s.3	25°53'14"5	4515	D. Hogg
S.S.O. Station	Zeekoegat	29m 51s.2	33°05'15"	3200	H. Petit
W. Bell	Johannesburg	52m 05s.8	26°08'10"6	5210	
W. E. Botham	Johannesburg	52m 17s.3	26°11'23"3	5605	
W. G. Fuhr	Cape Town	13m 54s.5	33°57'09"	26	
W. M. Hoogenhout	Pretoria	52m 58s.6	25°46'46"	4725	
W. L. Jooste	Pretoria	52m 47s.2	25°45'14"	4359	
W. F. G. Knipe	Johannesburg	52m 11s.6	26°11'18"3	5915	
W. D. Overbeek	Germiston	52m 33s.7	26°11'42"	5605	
W. C. Venter	Pretoria	52m 46s.9	25°40'14"8	4050	
W. H. Williams	Johannesburg	52m 28s.4	26°12'00"	5590	
W. L. van Zyl	Boksburg	52m 58s.9	26°12'05"	5429	

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1924 - 25	J. K. E. Halm	1945 - 46	R. H. Stoy
1925 - 26	W. Reid	1946 - 47	W. P. Hirst
1926 - 27	H. Spencer Jones	1947 - 48	J. Jackson
1927 - 28	A. W. Roberts	1948 - 49	A. E. H. Bleksley
1928 - 29	A. W. Long	1949 - 50	W. S. Finsen
1929 - 30	H. E. Wood	1950 - 51	H. E. Krumm
1930 - 31	D. Cameron-Swan	1951 - 52	A. D. Thackeray
1931 - 32	H. L. Alden	1952 - 53	J. C. Bentley
1932 - 33	H. Spencer Jones	1953 - 54	David S. Evans
1933 - 34	D. G. McIntyre	1954 - 55	P. Kirchhoff
1934 - 35	J. K. E. Halm	1955 - 56	W. H. van den Bos
1935 - 36	J. Jackson	1956 - 57	S. C. Venter
1936 - 37	H. E. Houghton	1957 - 58	M. W. Feast
1937 - 38	J. S. Paraskevopoulos	1958 - 59	H. Haffner
1938 - 39	T. MacKenzie	1959 - 60	P. Smits
1939 - 40	R. A. Rossiter	1960 - 61	G. G. Cillié
1940 - 41	E. B. Ford	1961 - 62	M. D. Overbeek
1941 - 42	H. Knox Shaw	1962 - 63	A. J. Wesselink
1942 - 43	A. F. I. Forbes	1963 - 64	A. G. F. Morrisby

HONORARY MEMBERS

Dr. R. O. Redman	Dr. W. H. van den Bos	Dr. J. H. Oort
Sir Richard Woolley	Dr. J. Schilt	Dr. H. Shapley
Dr. H. Haffner	Dr. H. Knox Shaw	Mr. D. G. McIntyre

HONORARY SECRETARIES

1922	H. W. Schonegevel
1922	
August	T. MacKenzie
1923	C. L. O'Brien Dutton
1923	
October	H. E. Houghton
1930	
July	S. Skewes
1931	H. Horrocks
1934	
November	H. W. Schonegevel
1935	A. Menzies