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ANNUAL REPORT OF THE DIRECTOR OF THE AAVSO
FOR THE YEAR ENDING SEPTEMBER 30, 1967

It gives me great pleasure to present my 18th Annual Report as Director of the AAVSO for the year 1966-67. As usual every year, we can report that we have been busier than ever around our Headquarters office.

By far the largest project of the year has been planning for the change-over to an IBM system of recording and publishing the observations of variable stars. We have the very beautiful IBM Card Punch No. 29 installed in our office, and have more than 10 boxes of cards punched and ready to be checked by some one on the staff of the Smithsonian Astrophysical Observatory. The SAO has very kindly agreed to help us by checking our cards and transferring the material to tapes in preparation for publication.

During the period of changeover we have to keep up the current work until we get caught up on the backlog of unpublished observations since our last Quarterly Report, number 27.

In the latter part of the summer, I attended the Thirteenth General Assembly of the International Astronomical Union in Prague, as a representative from the AAVSO. It was a very worthwhile meeting and valuable contacts were made with astronomers from other countries.

SPECIAL REQUESTS. Many requests for unpublished information continue to come from astronomers.

There has been a great deal of interest in Mira. Dr. Robert F. Garrison and Dr. Armin Deutsch of the Mt. Wilson & Palomar Observatories are working on a project for correlation of spectral peculiarities with variations in the light curve from cycle to cycle. We were able to supply them with one of our large lightcurves which included the time in which they were interested, from 1910 to the present.

Several years ago, Dr. P.L. Fischer, of Vienna, asked for a light curve of Mira extending over a long period of time. We sent him one of our large blueprint curves showing Mira from 1839 to 1964. This summer in Prague he asked me if we could send him the curve from 1964 to the present. We sent him copies of our current plots and I received a very nice letter from him telling how grateful he was for the fine material. Dr. Fischer is working on a large paper discussing the whole history of Mira. He says he can now finish it and it will soon be in press.

Mr. Wayne Fullerton of the Department of Astronomy, University of Kansas, was doing a thesis on the applications of power spectrum analysis to astronomy. He asked for our observations of some of the very bright semiregular or irregular red variables. We supplied him with some plots of α Orionis and α Herculis, with many misgivings. The scatter of observations on these stars is very great and it is difficult to combine observations from many observers. μ Cephei has been much more satisfactory to work with as we have long runs of observations from one or two observers.

Mme. Lortet-Zuckermann of the Institute D'Astrophysique in Paris has become very interested in Z Cam stars. She found the spectrum of Z Cam itself to be quite continuous when it was at a standstill. With Dr. Chalonge she hoped to compare its spectrum in the UV with that of SS Cygni at maximum. We asked one of our observers to notify her when the standstill came to an end.

She is also interested in observations of 124728 EX Hya, a very short period U Gem star, and asks if we will put it on our observing program. This is one of the stars we are hoping to have a chart of in the near future. M. Petit suggests that it might

be subtype Z Cam or CN Ori.

Miss Divan, of the same observatory, has obtained some very beautiful spectra of SS Cygni minimum and during the outburst in October 1966 including the rise to maximum, which she showed me in Prague. She asks for more data on the magnitude at that time and for more recent maxima.

Dr. S.H. Plagemann of the Department of Applied Mathematics & Theoretical Physics at the University of Cambridge, England is preparing a time-series analysis of the light curves of T Tauri - stars using auto-correlation techniques. He has requested our observations of some 9 or 10 of these stars.

Chris Terrill, a graduate student at the Warner & Swasey Observatory, who spent some time at Headquarters a year ago, collecting data on a large group of Mira stars needed still more material. In order to save him time in coming to Cambridge to get it, we sent him photocopies of a number of current light curves.

During the Prague IAU meeting, the Variable Star Commission set up a committee for International collaboration on observations for special stars. We recently received a letter from Dr. Chugainov of the Crimean Astrophysical Observatory, Chairman of the working group on UV Ceti stars, asking if the AAVSO would join in an all day patrol of UV Ceti itself, taking place immediately. Photoelectric observations were preferred. We hurriedly sent a note to some dozen observers who might have access to suitable equipment. So far we have just heard from a group at Brandeis Observatory headed by our former observer, Howard LeVaux. They got some interesting results, with one flare of about one magnitude and many small flickerings.

Dr. Hugh Johnson of the Lockheed Palo Alto Research Laboratory asked if we could get some of our observers to observe the X-ray source Sco X-1 and the U Gem star EX Hya at the same time he was making spectroscopic observations at Kitt Peak on several dates in April. Unfortunately, we had no good charts with comparison stars and the weather did not collaborate. We plan to set up some future programs with hopes of better results.

Many other requests have been received including a number from teachers or club leaders who want help in setting up variable star programs.

The Chairman of our photoelectric, solar, occultation and eclipsing binary committees are also kept busy answering requests. Many of these lead to the acquisition of very good new observers.

MEMBERSHIP. Our membership continues to grow. At our Annual Meeting at Nantucket, we elected 53 new Annual Members and 4 Annuals changed to Sustaining Membership. At our Spring Meeting in Quebec City, 5 Annual Members changed to Sustaining, and 2 new Sustaining Members and 69 Annual Members were elected.

We were very sorry to learn of the deaths of 8 of our members and observers during the year: John C. Duncan, California, 10 September 1967; Phoebe W. Haas (Mrs. Otto), Pennsylvania, Sept. 1967; Giovanni B. Lacchini, Italy, January 6, 1967; Margaret Olmsted, Maine, 5 July 1967; Carlos L. Segers, Argentina, 1 May 1967; E. Dayton Thorne, New York, 13 May 1967; Laurence D. Yont, Massachusetts, 10 April 1967; Wm. Lowry, Cal., July 30, '67.

SUBSCRIPTIONS TO PUBLICATIONS. 28 libraries and observatories subscribe to our publications. This includes the Mt. Wilson & Palomar Observatories who subscribe to our Special Services. We also have a number who subscribe to certain publications, such as the Quarterly Report, Annual Predictions, or Solar Bulletins.

REQUESTS FOR INFORMATION. About 840 requests for information were received during the year. Many of the letters were from children, but a number of them seemed sincerely interested, and we have received some observations from them. Other letters were from interested amateurs who have applied for membership, and who we feel sure will make excellent members and observers.

LIBRARY. About 400 items per year are added to the McAteer Library. Many of them are very necessary additions to our research library.

PUBLICATIONS. Annual Reports of the Director, Treasurer, the Endowment Fund and from the Chairmen of other committees were published in the Fall. Interim reports were published after the Spring meeting.

A membership list, list of AAVSO officers, Julian Day Calendar, and Bulletin 30 Predictions of Max & Min of Long Period Variables for 1967 were mailed soon after the first of the year. Two AAVSO Abstracts, reports on papers presented at the Fall and Spring Meetings, and 3 numbers of the News Notes, edited by Carolyn Hurless, were published.

A list of observers and the number of variable star observations made by each is regularly published in the two bi-monthly astronomical journals, the Journal of the Royal Astronomical Society of Canada and the Review of Popular Astronomy. The JRASC has the column "Variable Star Notes" and the RPA has "The Director Reports" in each issue.

The Solar Bulletin is issued each month with a summary table giving the sunspot counts of each observer and the daily R_A (American Relative Sunspot Number). It also gives reproductions of tracings of solar flares as obtained by the SEA observers.

Sky & Telescope Magazine prints the R_A 's each month, in addition to a list of predicted dates of maxima for the brighter long period variables.

Special predictions of dates of max and min for selected long period variables are made for the Handbook of the Royal Astronomical Society of Canada. Other lists are made up for the Swiss Astronomical Society, for Trieste Observatory Almanac and for C.L. Johnson for his Celestial Calendar.

ANNUAL SUMMARY OF OBSERVATIONS. During the year 1966-67 we received 129,642 variable star observations from 350 observers

A total of 1248 monthly reports was received, an average of about 104 per month. Regular monthly reports were received from 40 observers, 5 missed one month and 7 sent 10 reports.

76 observers from 17 foreign countries made 36,190 observations, or 28% of the total. 274 observers from 39 states contributed the other 72%.

The total number of observations received by the AAVSO is now 2,534,930. The 2^{1/2} millionth observation arrived in the office on 15 July 1967. The lucky observer was Carolyn Hurless, with her observation of RS Ophiuchi on the evening of June 23rd, JD 2439665.8, magnitude 10.8.

Table I gives a list of countries with the number of observers and total of observations for each. First place for a foreign country was taken by Argentina with a total of 13,852 observations made by 6 observers.

TABLE I - COUNTRIES

Country	No. Observers	Total Obs.	Country	No. Observers	Total Obs.
Argentina	6	13,852	Germany	3	97
Australia	6	719	Japan	2	1,416
Belgium	1	597	Mexico	1	349
Brazil	6	883	Nigeria	1	120
*Canada	13	5,864	South Africa	2	5,232
Chile	25	4,753	Sweden	1	10
El Salvador	1	8	Switzerland	2	1,264
England	2	234	Vietnam	1	292
France	1	500	U.S.A.	274	93,452
* plus 2 observers	3 ^h 37 ^m AD Leo		Total	350	129,642

Table II gives a breakdown for the 39 states. Ohio leads the list with 28 observers making 14,683 observations. Next in order is New York with 13,914 from 53 observers, then California with 13,319 from 25 observers.

TABLE II - UNITED STATES

Alabama	3	15	Maryland	1	10	Oklahoma	2	208
Arizona	1	4	Massachusetts	24	1,658	Oregon	5	628
California	25	13,319	Michigan	8	1,073	Pennsylvania	16	6,467
Colorado	5	751	Minnesota	5	4,030	Puerto Rico	2	50
Connecticut	9	3,236	Mississippi	3	263	Rhode Island	5	708
Florida	15	4,914	Missouri	7	7,230	Tennessee	2	116
Georgia	2	1,426	Montana	3	1,398	Texas	2	56
Hawaii	1	23	N.Hampshire	2	201	Utah	2	454
Illinois	10	5,152	New Jersey	8	4,213	Vermont	1	6
Indiana	3	827	New Mexico	1	95	Virginia	4	3,503
Iowa	3	179	New York	53	13,914	Washington	3	92
Kentucky	1	130	N. Carolina	1	366	W. Virginia	2	44
Maine	3	1,500	Ohio	28	14,683	Wisconsin	5	510
						*Total	274	93,452

*Two observers each from 2 different states.

Table III lists all observers for the year 1966-67 in order of number of observations. We have had to assign new initials for use on the IBM card punch as it can handle capital letters only. In general, we have kept the old initials as far as possible, but many times we have had to add a 3rd letter. In the table we list the new initials as assigned to the observers of this year. The column following the number of observations is the number of Inner Sanctum observations made.

This year the 1st place is taken by our enthusiastic observer from Argentina, Mario Vattuone, who made 10,294 observations. Second place is taken by Robert Monske, who held 1st place last year, with 5,441 observations, including 739 Inner Sanctums. Carolyn Hurless was 3rd with 5,409 and 1566 Sanctums. The 4th and 5th places are tied with our young member Stephen P. Cook, who was No. 42 last year, and Reginald P. de Kock, each with 5,224 observations. Thomas A. Cragg was 6th with 5,145 and 866 Sanctums. Three observers made between 4 and 5,000: John E. Bortle, 4,439; Marvin E. Baldwin with 4,433; and Roger S. Kolman 4,036 (643 Sanctums). Four observers had over 3,000: Roger Saladzius 3,754; Curtis E. Anderson 3,665 (172 Sanctums); Lancaster Hiatt 3,279; and Leslie C. Peltier 3,021 (2196 Sanctums). Eight observers:

Wayne M. Lowder, Miguel A.E. Barone, Clinton B. Ford, Robert M. Adams, James Thomas, Cyrus F. Fernald, Edward G. Oravec, and Karl Simmons had over 2,000. Nine observers made between 1 and 2,000, and 14 more between 500 and 1,000.

Forty-four observers made 8,502 Inner Sanctum observations, and 11 used photoelectric photometers for some or all of their observations.

TABLE III - AAVSO OBSERVERS
1966 - 1967

1 VAM Mario Vattuone, Arg	10,294		45 DS Jose M.L. daSilva, Brazil	495	
2 MOR Robert Monske, Penn	5,441	S 739	46 SRC R.C. Shinkfield, Australia	452	
3 HR Carolyn Hurlless, Ohio	5,409	S1566	47 SWR Richard A. Sweetsir, Fla	450	
4 CK Stephen Cook, Cal.	5,224	S 13	48 FS David Florkowski, Mich	448	
5 DK Reginald deKock, S.Afr	5,224		49 LW William I. Lowry, Cal	414	S 3
6 CR Thomas Cragg, Cal	5,145	S 866	50 EL James E. Ellerbe, N.J.	409	
7 BRJ John Bortle, N.Y.	4,439		51 MHG Hugo G. Marraco, Arg	401	
8 BM Marvin Baldwin, Mo	4,433		52 SCE Charles E. Scovil, Conn	392	S 70
9 KRS Roger Kolman, Illinois	4,036	S 643	53 LRD Daniel P. Loring, Utah	388	S 2
10 SZR Roger Saladzius, Can	3,754		54 RZ John J. Ruiz, Penn	387	PEP
11 AC Curtis Anderson, Minn	3,665	S 172	55 FT G.L. Fortier, Canada	384	
12 HE Lancaster Hiett, Va	3,279		56 BJ James Banks, N.Carolina	366	
13 P Leslie C. Peltier, Ohio	3,021	S2196	57 WN Robert F. Wing, Cal	350	S 14
14 LX Wayne M. Lowder, N.Y.	2,876	S 17	58 TB Domingo Taboada R., Mex	349	S 1
15 BMA Miguel Barone, Arg	2,854		59 CF Frank Chapman, New York	345	
16 FD Clinton B. Ford, Conn	2,608	S 481	60 LI Donald Livingston, N.Y.	336	
17 AD Robert M. Adams, Mo	2,577	S 540	61 MGG Gary McGinnis, Minn	335	
18 TJ James Thomas, Ohio	2,565	S 358	62 MF Frederick Montague, Mass	320	S 1
19 FE Cyrus Fernald, Me & Fla	2,347		63 PTA H.Allen Peterson, Cal	314	S 2
20 OV Edward G. Oravec, N.Y.	2,254		64 BJA Jack A. Borde, Cal	312	PEP
21 SKL Karl Simmons, Fla	2,067		65 SKM Michael Sakarias, Cal	310	
22 LCA Adolfo Lecuona, N.J.	1,951		66 SSA Albert P. Sharpless, Fla	303	
23 BZC Carmine Borzelli, N.J.	1,690		67 GDD Dan Goodell, Cal	296	PEP
24 CRR Robert Crumrine, N.Y.	1,664		68 PPJ John Pipinias, Maine	295	
25 MCE E. Mochizuki, Japan	1,337		69 HK Edward A. Halbach, Wisc	293	S 17
26 PO Eugene A. Powell, Ga	1,327		70 BX Stephen E. Burt, Vietnam	292	
27 SB R.F. Swanberg, Mont	1,313	S 166	71 DVO A. de la Vega O., Chile	283	
28 LS Diane Lucas, Ohio	1,295	S 177	72 RND Donald Rosenfield, Mich	278	S 1
29 LK Kurt Locher, Switz	1,214	S 2	73 JT Robert B. Johnston, Can	277	
30 HZL Lawrence Hazel, N.Y.	1,169	S 3	74 TYW Walter E. Tyre, Fla	267	
31 CAV Victor Cabrera A., Chile	971		75 RB David W. Rosebrugh, Fla	258	
32 MVC Carmen Martinez V., Chile	910		76 ODA Donald A. Ortwein, N.Y.	231	
33 DVR R. de la Vega L., Chile	830		77 LVD David H. Levy, Canada	215	
34 MJ Allen C. Montague, Ill	805		78 CLA Luis A. Cruciani, Arg.	213	
35 SR Robert N. Stewart, Ind	748	S 23	79 SAJ Arthur J. Stokes, Ohio	213	PEP
36 TPR Raymond R. Thompson, Can	710		80 FR Edwin E. Friton, Mo	212	S 3
37 DMT Th. deMenten, Belgium	597		81 MRJ John Mariska, Colo	207	
38 SV Vicki Schmitz, Ohio	594	S 328	82 BBA Barry Beaman, Miss	205	
39 HY Allen Heasley, Ohio	579	S 17	83 PR Robert Provin, Cal	203	
40 DOK Kenneth J. Delano, Mass	572		84 ROA Athos Robinson O., Chile	203	
41 MJR Jerald R. Mishler, Ore	549		85 CDR Richard Chadwick, Colo	200	
42 CAE Eduardo Cabello A., Chile	535		86 DMR Ronald Domen, Ohio	195	S 9
43 PGA Alfred Puget, R.I.	533		87 HTD Donald J. Hutter, Penn	194	
44 OF A. Oberstatter, France	500	S 3	88 GJ Jim Goehring, Cal	193	

89 AWE Eugenio Aranguiz W.,Chile	191	143 PTS Steven Peterson, Utah	66
90 AK Carl Anderson, N.H.	186 S 1	144 SS Carlos L. Segers, Arg	65
91 BD Wilson H. Baade, Brazil	186	145 BHF Francisco Brehme, Chile	64
92 NM Mark Newberry, Colo	184	146 DVX Ximena de la Vega L.,Chile	62
93 LVT Jim Lovett, Ohio	181	147 LBG Gilbert C. Lubcke, Wisc	62 S 7
94 MM Francis P. Morgan,Canada	176	148 TLR Robert Talaga, Ind	61
95 KOJ O.J. Knox, England	174	149 HU Walter Houston, Conn	60 S 2
96 PN Arthur Pearlmutter, Mass	173	150 RW G.O. Rawstron, England	60
97 HTI Ida Horton, Oklahoma	168	151 BHR Reinaldo Bremhe H.,Chile	59
98 CHW Robert L. Chew, Cal	154 S 10	152 AJ Joseph A. Anderer, Ill	58
99 SAF Fred Sanner, Penn	150	153 ZN Ernest Zander, Ill	58
100 SJL Jack L. Strater, Ohio	150	154 MNW William Mintel, N.J.	57
101 SCD Donald Saccone, Mass	148	155 BPA Paul A. Ballentine, Va	56
102 CSL Leopoldo Celis S., Chile	147	156 PHJ John F. Phillips,Wash	56
103 REZ Everett Z. Randall, Fla	147	157 TV Oliveiros C.Tavares,Brazil	56
104 RHY Hyman Roche, New York	147	158 DHG George Diedrich, Ohio	54
105 MTV Victor Matchett,Australia	144	159 SMD Douglas Smith, Va	53
106 ROG Gary M. Ross, Michigan	144	160 HOA Andy Howell, Germany	52 S 2
107 WU Maurice Wunderlich, Colo	143	161 TUE Edward Turco, R.I.	52
108 CAA Addie Chamorro S., Chile	140	162 HUD David G. Hughes, Mass	51
109 VM Miguel Valdez, Iowa	140	163 OMM Margaret Olmsted, Me	50
110 RQ Charles L. Ricker, Mich	139 S 4	164 SHL Ernst Schaltegger,Switz	50
111 WRW William Werner, Ohio	136	165 FN David M. Friedman, N.Y.	44
112 RDR Richard Rhodes, Kentucky	130	166 KRZ John S. Kruszka, Ill	44
113 DT R. Terence Dickinson, Canada	127	167 GHJ Harold L. Gaughran, N.Y.	43
114 BB Ralph S. Bates, Mass	124	168 RSJ Joseph Risk, Miss	43
115 NT Howard Nightingale,Nigeria	120	169 WHR Richard A. Wohlever,Ohio	42 S 7
116 ASR Sterling R. Anderson, Va	115	170 HD Donald Henning, Ohio	41 PEP
117 DLG A. de la Garza, Tenn	111	171 DHD DeLorne Diedrich, Ohio	40
118 ASH Steven Ashe, New York	109	172 LC Claud Lacy,Oklahoma	40
119 ORW R.Wade Ortel, Vermont, R.I.	108	173 HP Walter H.Hampton,Conn	39
120 MSP Paulo Mourilhe S., Brazil	107	174 HWJ Warwick J. Hord,Australia	39
121 RCP Curtis P. Rinsland, Penn	107	175 HYJ John F. Hoynos,Ohio	39 S 1
122 EG George East, Mass	102	176 MLT Tony Mallama, Ohio	39
123 FWE W.E. Farrar, Georgia	99	177 CE Claude Carpenter, Cal	38 S29
124 COK Ryan Cook, New Mexico	95	178 KRR Roberto Kringel,P. Rico	38
125 STA Allen Stearns, N.J.	90	179 WJW Wayne Wooten, Fla	37
126 KY Frank J. Kelly, Fla	88	180 BJE James E. Bowers, Cal	34
127 RH Harry V. Roberts, Ill	88	181 DR Robert Doucet, Oregon	34
128 GZ Sergio Guzman B., Chile	87	182 SRR R.R. Staer,Australia	34
129 WX Craycroft F. Wilson, N.Y.	85	183 AGO David Aquiluz O.,Chile	33
130 DRG Roger Diethelm,Switzerland	83	184 BKG Glenn Birkhimer, W.Va	33
131 FMD J. Dario Farren M., Chile	83	185 JOP Paul B. Johnson, Iowa	33
132 MGL Gary L. Mann, Cal	83	186 SCJ John Scatliff, Canada	33
133 BDV David Brin, Cal	82	187 TM Howard Thomas, Wash	33
134 MP Charles McPherson, Mont	80	188 GRD David Gordon, Texas	31
135 WAT Akira Watanabe, Japan	79	189 KS Jeremy H.Knowles,Germany	31
136 FG D.J. FitzGerald, Canada	77	190 HZ Ronald Henderson, Ill	30
137 KC Jerome Kunicki, Wisc	77	191 ATW Philip F. Atwood, Conn	29
138 MU A. Thomas Murphy, Cal	77	192 EDC Christopher Edsall,Mich	29
139 CSA Allen A. Casper, Wisc	73	193 GRJ James Giordano,New York	29
140 ML Michael R. Meiley, Penn	71	194 RR Ronald Royer, Cal	29
141 LVR Rick Lavery, Canada	69	195 SL Robert N. Sealy, Wash	29
142 BSV Sheila V. Bishop, Conn	67	196 MTR Ross Mattingly,Australia	28

197	MGM	Mauro Migon, Brazil	28	252	SAZ	Torbjorn Saltzman, Sweden	10	
198	WI	David B. Williams, Mo	26	253	CHD	Dale Chrestenson, Oregon	9	
199	BLK	Henry Blake, New York	25	254	HCP	Peter Hachow, Minn	9	
200	BRP	Patricio Brownell, Chile	25	255	JSW	Stuart W. John, Fla	9	
201	FZR	Craig Fraser, Canada	25	256	KHL	Michael Kohl, Penn	9	
202	GNC	Carlos Gondell, Arg	25	257	VSR	Robert Vissa, Mass	9	
203	NL	Lawrence B. Nadeau, Mass	25	S 1	258	BKW	William Barklow, El Salvador	8
204	OJ	Jose Olivarez, Texas	25	259	GAG	George Gasparian, R.I.	8	
205	RP	Patrick V. Rizzo, N.Y.	25	260	SCF	Chester F. Schott, N.J.	8	
206	AMJ	Juan Aguilon, Chile	24	261	SLO	Robert C. Slocumb, Minn	8	
207	BLJ	J. Rand Baldwin, Florida	24	262	VDN	C.A. van de Neut, S. Africa	8	
208	MGR	Donald M. Magor, Florida	24	263	CRT	Earl F. Carter, Oregon	7	
209	ACE	Francisco Acevedo, Chile	23	264	MA	Margaret Mayall, Mass	7	
210	TMA	Morgan A. Thomas, Hawaii	23	265	NCL	William Nicholson, N.Y.	7	
211	GZM	Marianela Gonzalez, Chile	22	266	BCA	C.A. Brownlee, Mass	6	
212	TFN	F.N. Traynor, Australia	22	267	DWM	William DeForge, N.J.	6	
213	GJT	John T. Goodwin, Mass	21	268	LL	Larry P. Lovell, Ohio	6	
214	HRS	Richard S. Hart, Fla	21	269	LLE	Elizabeth Lovell, Ohio	6	
215	KOM	Michael Koren, Fla	21	270	MGN	Robert McGlenn, Fla	6	
216	TRE	Elizabeth Jurlow, Chile	21	271	MUM	Mike Murphy, Iowa	6	
217	CFD	Diderot Chelen F., Chile	20	272	WBD	Donald F. Weber, Ohio	6	
218	RER	Raymond Rea, Michigan	20	273	DWD	David Dowell, Tenn	5	
219	YRK	David York, Mass	20	274	DGF	Richard C. Goldfinger, N.Y.	5	
220	SH	Henry E.M. Specht, Conn	19	275	HTP	Paul R. Heath, Montana	5	
221	BDK	John Broderick, Mass	18	PEP	276	MZR	James Mazur, Conn	5
222	VT	Alan Van Til, Indiana	18	277	PWR	Ronald E. Powaski, Ohio	5	
223	BEV	Edwin V. Bishop, Conn	17	278	RBR	Robert Robson, Penn	5	
224	GBR	Richard S. Gilbert, Cal	17	279	SMC	Margaret C. Sawyer, Mass	5	
225	GHW	Harold W. Glascock, Mass	17	280	SRF	Stanley Scharf, Mass	5	
226	HTC	Charles Hutchinson, Colo	17	281	SVD	Vladimir Steblina, Cal	5	
227	PCR	Carl R. Peck, Ohio	17	282	STD	David Strong, Cal	5	
228	EO	O.M. Erpenstein, Cal	16	S 2	283	TNV	Virgil Tangney, Wisc	5
229	PGS	Stanley Page, New York	16	284	WRE	Raymond E. Wierowski, N.Y.	5	
230	BCJ	Carol J. Beaman, Miss	15	285	AX	Keith Axelson, Cal	4	
231	CKE	K.E. Chilton, Canada	15	286	DRH	Richard H. Davis, Mass	4	
232	LJ	Herbert A. Luft, N.Y.	15	287	BRT	Timothy Brown, Arizona	4	
233	WVY	Wayne Woodward, N.H.	15	288	FRG	Gerald E. Friton, Mo	4	
234	DKF	Manfred Durkefalden, Germany	14	289	JRN	Nina Jurlow, Chile	4	
235	CRM	Mark Curry, Minn	13	290	KAH	Henry Kanthack, New York	4	
236	KTY	Terry Kesler, Ohio	13	291	KRH	Hank Karow, New York	4	
237	LYR	Richard F. Lynch, R.I.	13	292	LFA	Alvin Liff, New York	4	
238	MCR	Stephen A. McCrum, Ohio	13	293	RYR	Robert Reynolds, Alabama	4	
239	SRW	Richard W. Schupp, Cal	13	294	CNM	Michael Conroy, Mich	3	
240	SN	Leonard Solomon, Mass	13	295	JOA	Arthur Johnson, Cal	3	
241	CCF	Felipe B.C. Cordero, P.Rico	12	296	RUA	Arthur Rubin, Mass	3	
242	MTM	Michael Mattei, Mass	12	S 1	297	SJF	Jeffrey Shaffer, Penn	3
243	PJR	Joseph R. Pehrson, Mich	12	298	SLL	Leonard L. Slack, Wash	3	
244	PLJ	Jaime Pla, Chile	12	299	TWR	Leonard Tower, New York	3	
245	BAJ	Jair Barroso, Brazil	11	300	ABR	Ronald Abileah, New York	2	
246	GD	William C. Grady, W. Va	11	301	BS	Steve Bucaro, Ill	2	
247	MTY	Stephen Matyi, Ohio	11	302	CTH	Hector Contreras, Chile	2	
248	MSS	Stephen Mesics, Penn	11	303	GBE	Bruce Gardner, Penn	2	
249	HOL	Oliver Hansen, Md.	10	304	PNG	Gordon Penniciuck, Canada	2	
250	HYB	Bette L. Heasley, Ohio	10	305	PTG	Gisela Peterson, Cal	2	
251	RTR	Robert Rotstan, Ala	10	306	PGO	George Pitcovich, Ohio	2	

307 RCR Raul Rodriguez, Chile	2	329 LOR Rita Loren, N.Y.	1
308 SNH Helen Schnide, N.Y.	2	330 LUK George Lukes, Mass	1 PEP
309 SHT Steven B. Shelton, N.J.	2	331 MLJ James Mallen, N.Y.	1
310 TRC Charles L. Torretta, Mo	2	332 MYG Gary Maynard, N.Y.	1
311 BGM Mitchell Begelman, N.Y.	1	333 MDN Dennis Milon, Mass	1
312 BMR Marvin R. Briggs, N.Y.	1	334 MOL James Molnar, Penn	1
313 BDN Daniel Brin, Cal	1	335 OBS Stewart O'Byrne, Mo	1
314 BFR Frederick J. Brussell, N.Y.	1	336 OKD Diane O'Keefe, N.Y.	1
315 BFJ Frederick Brussell, Jr., NY	1	337 PTC Cheryl Pettus, N.Y.	1
316 BUF Frances Burwell, N.Y.	1	338 RBG G. Roberts, N.Y.	1
317 CRB Bernard Cortese, Ohio	1	339 RBE Ernest Robson, Penn	1
318 DBK Alfred Dobkowski, N.Y.	1	340 SSM Marlene Saulsbey, N.Y	1
319 ETZ Howard Elitzak, N.Y.	1	341 SMA Martin Schneider, N.Y.	1
320 FRM Mara H. Friton, Mo	1	342 SHN Paul Shenkle, Penn	1
321 GLE Elena Gellineau, N.Y.	1	343 SMT Thomas Smith, N.Y.	1
322 GRR Rodger W. Gordon, Penn	1	344 SUA Angela Suarez, N.Y.	1
323 GUL Leo Gugliotto, N.Y.	1	345 SJJ John J. Sullivan, N.Y.	1
324 HLG George Hiller, N.Y.	1	346 SUP Paul Sullivan, N.Y.	1
325 HGG Gerard Hoggman, New York	1	347 WIB Brad Willis, Alabama	1
326 JOK Katherine Jones, N.Y.	1	348 WDL Ronald B. Woodland, Mass	1
327 LVZ Zip Levy, N.Y.	1	349 AIR Ray Airhart, Canada	1h45m AD Leo
328 LSN Neal Lisann, N.Y.	1	350 JNP Per Joenson, Canada	1h52m AD Leo

PERSONNEL. We all owe our thanks to the Bibber family. They are carrying on the traditions of Leon Campbell and his great love for the AAVSO. Florence Campbell Bibber continues as our AAVSO Assistant and carries more than a normal share of Headquarters work. During the college year, John comes over between classes, and willingly volunteers for any kind of work we have to be done, from his fine lettering on the membership certificates to cleaning the office. Tom was put on as a part time assistant during the summer, and also trims most of our blueprint charts. To them and all other officers and members of the AAVSO -- our best thanks.

Respectfully submitted,

Margaret W. Mayall, Director