



QUEEN'S UNIVERSITY  
KINGSTON, ONTARIO

Astronomy Group  
Department of Physics  
23rd February 1970

Dr D. Wills,  
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University of Texas,  
Austin, Texas 78712,  
U.S.

Dear Derek,

First - many congratulations and best wishes from both of us to both of you for the future. I wonder if there is significance in the clustering of astronomical doubles in the south and south-west of the U.S. (e.g. B-B, deV-deV, L-L, and now W-W ?).

Of late I have been submerged in teaching, as well as being a founder-member of a committee charged with the responsibility of completely redesigning the teaching of physics at Queen's at all levels. In between I get a little astronomy done, which brings me to the following point.

A graduate student of mine is working on the microwave spectra of sources in the 'BD' (Bridle-Davis) catalog - still more stuff on curvature, uncurvature, C+, C- etc I am afraid, but now correlations in a complete 1400 MHz sample with almost complete structure information, so it may be quite interesting. We are interested in optical identifications of as many of the sources as possible, and this is to ask you if you are aware of optical identifications of any of the appended ~~initialing~~ sources, which enter fairly critically into our analysis in a number of ways. We have searched the literature and the scrapbooks of several nearby friendly astronomers with no success on these, and I wonder if you have any data on them in the Wills Master File Of the Identified Universe. The source names and positions are on the accompanying sheet.

We are having the worst winter in living memory, three blizzards of over a foot of snow each, and since February 1st two ice storms each of which has left over an inch of ice here\*. We think of you in Texas (we think of us in Texas too at times like these).

All the best from us to you,

*Alan*

\* The peak begins to resemble Al Capp's 'Lower Stobberia'

Top Priority

Variable  
? Stellar object  
(BMA)

Object	Year	Month	Day	RA	Dec	Mag	Notes
DA 55	01	33	51.3	47	36	59	(300 foot position)
OG003	05	00	45.1	01	59	08	( " " " )
DW0742+10	07	42	48.48	10	18	32.7	(RRE) NRE variable proper
VR042.08.02	08	14	52.8	42	32	27	(300-ft. position)
4C55.16	08	31	04.4	55	44	45	(CalTech $\alpha$ , 300 ft S)
4C55.17	09	54	14.4	55	37	17	(RRE, complex structure)
4C62.22	13	58	57.8	62	25	09	(CalTech $\alpha$ , 300 ft S)
DA 362	14	13	56.3	34	58	30	(RRE)
	14	13	56.0	(34	59	13)	(300 ft.)
3C325	15	49	14.1 $\pm$ 0.6	62	50	21.5 $\pm$ 1.7	(Fomalhaut ; Moffet)
4C33.38	16	00	11.8	33	35	37	(CalTech $\alpha$ , 300 ft S)
4C41.32	16	24	18.2	41	41	23	(RRE)
4C41.45	22	55	04.7	41	38	13.6	(RRE)
DA 611	23	52	37.1	49	33	41	(300 ft.)
PEN200	05	29	57.3	07	30	17	(300-ft)