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TAV 1933+53 (=Q1990/80)

Mike Collins, Sandy, reports his discovery of an uncatalogued
variable in Cygnus on photos for the UK Nova/Supernova Patrol and
located at:

RA 19h33.1m DEC +53 46' (1950)

On photos of 1990 Sept 28.9UT it was estimated at 11.4 (K2415) but
analysis of results since 1989 April show a range of 10.3-11.4 with
a maximum in 1990 March. He finds the star is listed in the Guide
Star Catalog as GSC 3934.01356 with V=10.94. There is also a further
probable identification with Dearborn 37467 of red magnitude 10.7,
spectral class M1.

The e-mail chart follows:

\\\\\\\\ Q1990/80 1933+53 var in Cyg discovered by Mike Collins
S,120,20,S
P,19h 33.1m +53 46' (1950)
O,60,60,10.3,11.4
R,8.6,13,22,A
R,9.6,18,70,B
R,9.9,85,99,C
M,9.4,96,3,60,79,3
R,10.3,61,77,D
R,10.7,84,36,E
M,10,22,61,24,59,19,32,119,23,44,111,110,111
M,10,55,52,39,45,104,98,97,17,60,20,116,38,106,87
R,11.1,48,63,F
R,11.3,36,84,G
R,11.7,43,77,H
M,11,12,5,14,115,98,112,80,4,77,20,108,34
M,11,47,25,37,111,90,70,57,42,117,85,88,87,113,87
R,12.1,67,82,I
M,12,4,5,34,35,19,115,19,55,2,4,31,25,14,30
M,12,21,85,14,98,83,24,68,103,100,116,66,38,114,13
M,12,98,110,64,39,114,13,36,5,95,54,106,24,89,112
M,12,62,3,65,21,90,55,75,102,116,10,70,105,100,93
M,12,51,5,41,9,74,31,93,73,54,30,61,43,114,78
M,12,54,94,35,50,114,111
E,77
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Guy M Hurst