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**A DIRECTORY OF COMPARISON STARS IN IBVS**

In many issues of IBVS observers have published their observations of particular variables, obtained by differential photometry in the UB<sub>V</sub> system. Usually they have specified the comparison and check stars used, and often give UB<sub>V</sub> values. Whilst all variables (including new and suspected ones) reported in these pages are properly listed in the normal Index to IBVS, it is beyond the scope of the Index to record ancillary information, such as comparison stars used.

Several years ago I wished to determine quickly which stars have been employed as comparison stars, and have also been measured in the UB<sub>V</sub> system. I compiled a Directory of Comparison Stars Cited in IBVS, commencing with IBVS No.2081, the earliest one in my set. The Directory concentrates on fainter comparison stars, for which the IBVS data is likely to be new. Stars brighter than 6.0<sub>V</sub> are generally omitted, as these stars all appear in the Bright Star Catalogue. Some basic facts on the Directory are as follows: Number of records: 520. IBVS numbers searched: 2081-4039. V and B-V values are included, as are standard catalogue ids. Positions, for 1950, are given for all stars. Additional notes are given for about 50 stars. A number of misprints and cases of inconsistent data are noted. The Directory does not purport to give complete data for each entry, but rather, it guides the user to the original IBVS paper, where additional data will usually be found.

The Directory is available from the writer, as a hardcopy printout, or as IBM PC readable files (Lotus 1-2-3 and ASCII text file formats). Interested persons may obtain a copy at no cost by sending any recent reprints containing UB<sub>V</sub> photometric data. Otherwise, the Directory is available by sending US\$10 to cover postage and handling costs.

A second directory (the "Miscellaneous List") will also be sent. This file (about 380 records) lists in the same fashion comparison stars taken from a variety of other serials and publications.

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