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A DATABASE OF GALACTIC CLASSICAL CEPHEIDS

We have compiled an electronic database of 505 classical Cepheids in the Galaxy contained in four files.

The first, POS_DATA (27.7 KB), contains the 1950 equatorial and galactic coordinates of each star taken from the 4th edition of the General Catalogue of Variable Stars, as well as the HD and SAO catalogue numbers of each star where available.

The second file, EB-V (55.6 KB), is a compilation of major colour excess determinations published since 1975.

The third, PHYSDATA (49.3 KB), lists period, intensity-mean V magnitude, $\langle B \rangle_i - \langle V \rangle_i$, an adopted E(B-V), the V amplitude, $\langle M_v \rangle$, distance in parsecs, the height from the galactic plane in parsecs, mean radial velocity, radius from a Baade-Wesselink analysis, an indication of binarity, and notes relating to double-mode behaviour, cluster/association membership, etc.

The fourth, AMP_MEAN (34.7 KB), gives the V amplitude, B amplitude, (B-V) amplitude, $\langle V \rangle_{mag}$, $\langle V \rangle_{int}$, $\langle B \rangle_{mag}$, $\langle B \rangle_{int}$, $\langle (B-V)_{mag} \rangle$, and $\langle B \rangle_i - \langle V \rangle_i$.

A fifth file, having the title of this Bulletin, provides background and additional information on these files. This fifth file is an ascii file, the other four are provided both as ascii files and as dBASE IV binary files.

This material is available on the World Wide Web at the URL

<http://ddo.astro.utoronto.ca/cepheids.html>

and by anonymous ftp at

[perseus.astro.utoronto.ca](ftp://perseus.astro.utoronto.ca)

in the directory pub/cepheids.

We would appreciate acknowledgment of your use of these data by reference to this IBVS announcement. Please contact fernied@astro.utoronto.ca in the event of queries, suggestions, or difficulties.

J.D. FERNIE
David Dunlap Observatory
University of Toronto
Richmond Hill ON, Canada
L4C 4Y6

Nancy Ramage EVANS
Physics & Astronomy Dept.
York University
North York ON, Canada
M3J 1P3

Brian BEATTIE
David Dunlap Observatory
University of Toronto
Richmond Hill ON, Canada
L4C 4Y6

S. SEAGER
Harvard-Smithsonian CfA
60 Garden Street
Cambridge, MA 02138
USA