

COMMISSION 27 OF THE I. A. U.  
INFORMATION BULLETIN ON VARIABLE STARS

Number 3184

Konkoly Observatory  
Budapest  
5 May 1988  
*HU ISSN 0374-0676*

BIBLIOGRAPHICAL CATALOGUE OF RR LYRAE STARS

We felt necessary to update the bibliographical catalogue of RR Lyrae stars by Heck and Lakaye (1977), essentially after the publication of the three volumes of the fourth edition of the General Catalogue of Variable Stars (Kholopov et al. 1985a,b, 1987 a), referred in the following as GCVS IV.

In a first step, GCVS IV was taken as a reference for the selection of RR Lyrae stars together with the 67th and 68th nominating lists (Kholopov et al., 1985 c, 1987 b). A few other stars were added from the general literature. All RR Lyrae stars identified are listed in the first table of the catalogue.

Then SIMBAD, the CDS database (see Egret and Wenger, 1988, and the references quoted therein) was searched for all the bibliographical references available at the end of 1987 for these stars. This database provides references from 1950 onwards. However the number of journals scanned for building up the bibliography contained in SIMBAD has increased during the years. Presently about 90 journals as well as conference proceedings are scanned.

Additional references were taken from Heck and Lakaye (1977) and from the general literature previously not included. We did not repeat here the references listed in GCVS IV and the 67th and 68th nominating lists.

The tables have been arranged as follows:

1. list of the 6367 RR Lyrae stars of the catalogue, they are listed under their variable-star names and presented in the alphabetical order of the constellations, a few stars still without designation in the variable-star system are given at the end of the table;
- 2a. list of the acronyms used in the subsequent cross-identification tables together with their explicitations and the relevant bibliographical references;
- 2b. cross-identifications with the identifiers of Table 1 as references, only the stars with several identifiers are listed;
- 2c. cross-identifications with all other identifiers as references presented in the alphabetical order of the acronyms used;

3. bibliographical catalogue; only the stars with bibliographical references are listed in the same order as Table 1, the bibliographical codes refer to the list in Table 4;
4. bibliographical references used in the catalogue;
5. statistics on the quotations of the individual references;
6. index of individual authors, the bibliographical codes refer to the list in Table 4.

Two appendices completing the catalogue list the stars from Heck and Lakaye (1977) not appearing in this catalogue (Appendix A) and the stars from the present catalogue not appearing in Heck and Lakaye (1977) (Appendix B).

The catalogue is available as CDS Special Publication No. 11 as well as on magnetic tape and two (5"1/4) floppy disks from CDS (Observatoire Astronomique, 11 rue de l'Université, F-67000 Strasbourg, France).

This work has been made significantly easier by the existence of SIMBAD, the CDS database. We thank M. Wenger for his assistance in dealing with huge SIMBAD outputs.

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