

PLANS FOR A NEW EDITION OF THE BRIGHT STAR CATALOGUE

Dorrit Hoffleit Carlos Jaschek
Yale University, and Observatoire de Strasbourg

Almost any star catalogue becomes obsolescent as soon as it comes off the press. It is now twelve years since the third edition of the Yale Bright Star Catalogue was published in 1964. In the intervening years numerous important new results have appeared, notably the Jaschek *et al* Catalogue of MK Spectral Classes, the Lick Double Star Catalogue, the U.S. Naval Observatory Catalogue of UBV Magnitudes, the Abt and Biggs Bibliography of Radial Velocities, the Third Edition and three Supplements of the General Catalogue of Variable Stars, the SAO Catalogue with proper motions reduced to the FK4 system, several new lists of spectroscopic binaries, and a great many shorter compilations. Consequently well in excess of 20,000 entries in the third edition of the Bright Star Catalogue need up-dating.

The Centre de Données Stellaires and Yale are planning to collaborate on a new edition, incorporating major revisions. Some cross-reference columns may be deleted as being less useful for identification purposes than in the past (e.g., ADS numbers), and other columns may be added if sufficient new data so warrant. The compilation of notes will be more extensive.

We solicit suggestions from interested users.