

STARS NAMED AFTER ASTRONOMER'S NAMES

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The problem of the designation of faint stars has been discussed many times (see for example IAU, 1979), but it is a difficult one, and it has not yet been satisfactorily solved. In the case of very peculiar stars, one of the way to solve this problem is to use the personal name of the discoverer, and this has been done rather often during the last years. However, for the non-specialist in the field, a star designated by an astronomer's name is not easy to identify. Therefore, we gather here the designations that we encountered in the course of our work for the BSI (Cayrel et al., 1976; Ochsenbein and Spite, 1976; Ochsenbein, 1981).

We first list a few rather bright stars which have also a "classical" designation such as HD (Henry Draper Catalogue, Pickering, 1918) or BD (Bonner Durchmusterung, Schönfeld, 1886). In the first list, we provide only the cross-identification.

The second list is relative to faint stars. Where existing, we give the cross-identifications. We give the basic data, i.e. the coordinates for the 1950 equinox, and the visual magnitude (or magnitudes when the star is variable). We give the bibliographic references of the paper providing the coordinates.

We hope that these lists may be useful for the astronomical community, and we would be grateful to those people who would take care of informing us about any error or omission in these lists.

REFERENCES

- G. Cayrel et al., 1976 : Bibliographical Star Index, Stellar Data Center, Strasbourg
F. Ochsenbein, F. Spite, 1976 : in "Compilation, Critical Evaluation and Distribution of Stellar Data", IAU Colloquium 35, C. Jaschek and G.A. Wilkins (eds.), p. 175-177
F. Ochsenbein, 1981 : in "Gestion de Données Stellaires - Automated Data Retrieval in Astronomy", IAU Colloquium 64, (sous presse)
Report of Meeting of Commission 5, 1979 : in "Transactions of the IAU", vol. XVII B, P.A. Weyman (ed.), p. 85, Dordrecht: Reidel

List 1

Name	Classical Designation
Bidelman's	HD 127 617
Campbell's	HD 184 738
Eggen's	CoD -31°622
Fehrenbach's	HD 116 745
Kapteyn's	HD 33 793
Klemola's	BD 10°2179
Luyten's	BD 5°1668
Plaskett's	HD 47219

List 2

PERS	Name	Coordinates	Vis.magn.	References Cross-identifications
1	Barnard's	17 ^H 55 ^m 23 ^S +04°33'13	14.31	Gliese W.: 1969 Veröff. Astron. Rechen-Inst. n° 22
2	Becklin's	5 ^H 32 ^m 50.0 -05°24'42"	(IR)	Cross-ident.: Gliese 699 Kleinmann D.E., Low F.J.: 1967, Astrophys. J., 149, L1
3	Bond's	23 ^H 29 ^m 09 ^S -03°01'17	8-15 Var.	Cross ident.: IRC -10 093 Bond H.E.: 1976 Inf. Bull. Var. Stars n° 1160 July 28
4	Krzeminski's	11 ^H 19 ^m 03 ^S -60°21'00"	13.2-13.4 Var.	Krzeminski W.: 1974 Astrophys. J., 192, L135 and Brucato R.J., Kristian J., Westphal J.A.: 1972 Astrophys. J., 175, L137
5	Liller's	11 ^H 18 ^m 58 ^S 7 -60°19'38"	14.9	Liller W.: 1973 IAU Circ. n° 2518
6	Sanduleak's	5 ^H 46 ^m 02 ^S 7 -71°17'13"	16	Allen D.A., 1980 Astrophys. Lett., 20, 131
7	Stepanian's	15 ^H 35 ^m 44 ^S +19°01'30"	14-18	Stepanian J.A.: 1979 Inf. Bull. Var. Stars n° 1630 June 21
8	Van Maanen's	0 ^H 46 ^m 31 ^S +05°09'12	12.37	Gliese W.: 1969 Veröff. Astron. Rechen-Inst. n° 22 Cross-ident.: Gliese 35, Wolf 28, Giclas 1-27, Van Maanen 2