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BIBLIOGRAPHY OF ATOMIC LINE IDENTIFICATION LISTS. VI. 2000 OCTOBER SUPPLEMENT

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Abstract. New references are presented for the bibliography of atomic line identification studies by Adelman & Snijders and its four supplements by Adelman.

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1. INTRODUCTION

Adelman & Snijders (1974) compiled a bibliography of atomic line identification studies to supplement the data contained in the Ultraviolet and Revised Multiplet Tables (Moore 1945, 1950, 1952, 1962) and Kelly & Palumbo (1973) for the wavelength region 911-8250 Å and the first four spectra of all elements. Four supplements (Adelman 1978, 1983, 1989, 1996) also included references to the fifth and sixth spectra of key elements through the iron peak. This bibliography is intended as a guide to the atomic spectroscopic literature for those investigators who identify atomic lines in stellar spectra in the ultraviolet and optical regions. Table 1 lists references found in the literature since the last supplement was completed in 1995 June. Each entry indicates the wavelength region covered in Å unless otherwise noted and the type of reference: A = analysis, AW = very accurate wavelengths, C = compilation, CL = classified lines, EA = extension of analysis, ID = improved data, IS = isotopic shifts, NMT = new multiplet table, RA = revised analysis, TC = temperature classification, and W = wavelength list. The reader is advised to examine each reference to determine its quality. The analyses of Co I (Pickering & Thorne 1996) and Co II (Pickering 1998) in particular deserve the reader's special attention. Three sites on the Internet which contain information concerning lists of atomic lines are those of NIST, [1] the Vienna Atomic Line Database (VALD), [2] and IAU Commission 14. [3]

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[1]NIST: http://physics.nist.gov/PhysRefData/contents-atomic.html.

[2]VALD: http://www.astro.univie.ac.at/~vald.

[3]IAU Commission 14: http://www.iau.org/Organization/divcom/commissions.html.

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11. Pickering, J. C. 1998, *Phys. Scr.*, **57**, 385.
12. Pickering, J. C., & Thorne, A. P. 1996, *ApJS*, **107**, 761.

TABLE 1
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Species	Reference	Type
Be I	Kramida, A. E., & Martin, W. C. 1997, *J. Phys. Chem. Ref. Data*, **26**, 1185.	[C, 89-31779]
Be II	Kramida, A. E. 1998, *Phys. Scr.*, **57**, 66.	[RA, 80-5116]
C IV	Feibelman, W. A, & Johansson, S. 1995, *ApJS*, **100**, 405.	[W, 1107-1904]
	Tunklev, M., Engström, L., Jupén, C., & Kink, I. 1997, *Phys. Scr.*, **55**, 707.	[RA, 200-7728]
O VI	Feibelman, W. A, & Johansson, S. 1995, *ApJS*, **100**, 405.	[W, 1122-1997]
Ne IV	Bastin, T., Biémont, E., Dumont, P. -D., Garnir, H. -P., Krenzer, M. J., & Bukow, G. 1997, *JOSA B*, **14**, 1319.	[EA, 469-1064]
Ar II, III	Whaling, W., Anderson, W. H. C., Carle, M. T., Brault, J. W., & Zarem, H. A. 1995, *J. Quant. Spectrosc. Radiat. Transfer*, **53**, 1.	[AW, II 222-5332, III 231-4102]
Ar III	Kaufman, V., & Whaling, W. 1996, *J. Res. NIST*, **101**, 691.	[AW and RA, 508-89914]
Ar IV	Bredice, F., Gallardo, M., Almandos, J. G. Reyna, Trigueiros, A. G., & Pagan, C. J. B. 1995, *Phys. Scr.*, **51**, 446.	[RA, 397-3135]
V I	Palmeri, P., Biémont, E., Quinet, P., Dembczynski, J., Szawiola, G., & Kurucz, R. L. 1997, *Phys. Scr.*, **55**, 586.	[EA, 1981-8714]
Cr III	Ekberg, J. O. 1997, *Phys. Scr.*, **56**, 141.	[EA, 763-2676]
Mn II	Johansson, S., Wallerstein G., Gilroy, K. K., & Joueizadeh, A. 1995, *A&A*, **300**, 521.	[ID, 6122-6132]
Fe II	Nave, G., Johansson, S., & Thorne, A. P. 1997, *JOSA B*, **14**, 1035.	[AW, 926-1995]
Co I	Pickering, J. C., & Thorne, A. P. 1996, *ApJS*, **107**, 761.	[RA, 1747-24484]
Co I, II	Pickering, J. C., Raassen, A. J. J., Uylings, P. H. M., & Johansson, S. 1998, *ApJS*, **117**, 261.	[I CL, 2250-2972, II RA, 1425-24365]
Co II	Pickering, J. C. 1998, *Phys. Scr.*, **57**, 385.	[RA, 4681-6119]
	Pickering, J. C. 1998, *Phys. Scr.*, **58**, 457.	[EA, 9799-9969]
Zn I, II	Gullberg, D., & Litzén, U. 2000, *Phys. Scr.*, **61**, 652.	[AW, I 2138-6363, II 2025-7733]
As III, IV	Churilov, S. S., & Joshi, Y. N. 1996, *JOSA B*, **13**, 11.	[RA, III 497-2054, IV 393-1808]
Zr III	Reader, J., & Acquista, N. 1997, *Phys. Scr.*, **55**, 310.	[RA, 631-4611]
Zr IV	Reader, J., & Acquista, N. 1997, *JOSA B*, **14**, 1328.	[EA, 445-1292, 3298-4571]
Nb III	Gayazov, R. R., Ryabtsev, A. N., & Churilov, S. S. 1998, *Phys. Scr.*, **57**, 45.	[EA, 1070-3585]
Pd I	Engleman, R., Jr., Litzén, U., Lundberg, H., & Wyart, J. -F. 1998, *Phys. Scr.*, **57**, 345.	[RA, 1825-46377]
	Mazzoni, M., Joshi, Y N., & Wyart, J. -F. 1998, *Phys. Scr.*, **57**, 376.	[EA, 1420-2070]
Pd II	Quinet, P. 1996, *Phys. Scr.*, **54**, 483.	[RA, 1068-4343]
Sb III	Tauheed, A., Joshi, Y. N., & Rana, T. 2000, *Phys. Scr.*, **61**, 696.	[EA, 865-2015]

Xe IV	Gallardo, M., Raineri, A., Reyna Almandos, J. G., Di Rocco, H. O., Bertuccelli, D., & Trigueiros, A. G. 1995, *Phys. Scr.*, **51**, 737.	[EA, 880-6778]
Ba I, II	Karisson, H., & Litzén, U. 1999, *Phys. Scr.*, **60**, 321.	[AW, I 2596-30932, II 1904-25924]
Ce III	Wyart, J. -F., & Palmeri, P. 1998, *Phys. Scr.*, **58**, 368.	[EA, CL 821-11092]
Dy III	Spector, N., Sugar, J., & Wyart, J. -F. 1997, *JOSA B*, **14**, 511.	[A, 2007-5020]
Er III	Wyart, J. -F., Blaise, J., Bidelman, W. P., & Cowley, C. R. 1997, *Phys. Scr.*, **56**, 446.	[RA, 2124-6825]
W II	Ekberg, J. O., Kling, R., & Mende, W. 2000, *Phys. Scr.*, **61**, 146.	[RA, 1527-2657]
Re II	Wahlgren, G. M., Johansson, S. G., Litzén, U., Gibson, N. D., Cooper, J. C., Lawler, J. E., Leckrone, D. S., & Engleman, R., Jr 1997, *ApJ*, **475**, 380.	[W and IS, 1973-2276]
Os IV	Ryabtsev, A. N., Raassen, A. J. J., Tchang-Brillet, W. -ÜL., Joshi, Y. N., Uylings, P. H. M., & Azarov, V. I. 1998, *Phys. Scr.*, **57**, 82.	[A, 708-1993]
Pt II	Wyart, J. -F., Blaise, J., & Joshi, Y. N. 1995, *Phys. Scr.*, **52**, 435.	[EA, 1077-4105]
Au II	Rosberg, M., & Wyart, J. -F. 1997, *Phys. Scr.*, **55**, 690.	[RA, 882-6903]
Au III	Wyart, J. -F., Joshi, Y. N., & Tchang-Brillet, L., Raassen, A. J. J. 1996, *Phys. Scr.*, **53**, 174.	[EA, 714-1924]
Tl II	Johansson, S., Kalus, G., Brage, T., Leckrone, D. S., & Wahlgren, G. M. 1996, *ApJ*, **462**, 943.	[AW, 1792-3382]