

ERRATUM: “STELLAR DIAMETERS AND TEMPERATURES. II. MAIN-SEQUENCE K- AND M-STARS” (2012, ApJ, 757, 112)

TABETHA S. BOYAJIAN¹, KASPAR VON BRAUN², GERARD VAN BELLE³, HAROLD A. McALISTER¹, THEO A. TEN BRUMMELAAR⁴, STEPHEN R. KANE², PHILIP S. MUIRHEAD⁵, JEREMY JONES¹, RUSSEL WHITE¹, GAIL SCHAEFER⁴, DAVID CIARDI², TODD HENRY¹, MERCEDES LÓPEZ-MORALES^{6,7}, STEPHEN RIDGWAY⁸, DOUGLAS GIES¹, WEI-CHUN JAO¹, BÁRBARA ROJAS-AYALA⁹, J. ROBERT PARKS¹, LASZLO STURMANN⁴, JUDIT STURMANN⁴, NILS H. TURNER⁴, CHRIS FARRINGTON⁴, P. J. GOLDFINGER⁴, AND DAVID H. BERGER¹⁰

¹ Center for High Angular Resolution Astronomy and Department of Physics and Astronomy,
Georgia State University, P.O. Box 4106, Atlanta, GA 30302-4106, USA

² NASA Exoplanet Science Institute, California Institute of Technology, MC 100-22, Pasadena, CA 91125, USA

³ Lowell Observatory, Flagstaff, AZ 86001, USA

⁴ The CHARA Array, Mount Wilson Observatory, Mount Wilson, CA 91023, USA

⁵ Department of Astronomy, California Institute of Technology, 1200 East California Boulevard, MC 249-17, Pasadena, CA 91125, USA

⁶ Institut de Ciències de l’Espai (CSIC-IEEC), E-08193 Bellaterra, Spain

⁷ Department of Terrestrial Magnetism, Carnegie Institution of Washington, 5241 Broad Branch Road, NW, Washington, DC 20015, USA

⁸ National Optical Astronomy Observatory, P.O. Box 26732, Tucson, AZ 85726-6732, USA

⁹ Department of Astrophysics, Division of Physical Sciences, American Museum of Natural History, Central Park West at 79th Street, New York, NY 10024, USA

¹⁰ System Planning Corporation, 3601 Wilson Blvd, Arlington, VA 22201, USA

Received 2014 June 25; published 2014 July 17

Due to an error at the publisher, all of the references of Table 5 were not included in the published version of this paper. The missing references are listed here. IOP Publishing sincerely regrets this error.

REFERENCES

- Allard, F., Homeier, D., & Freytag, B. 2012, *RSPTA*, **370**, 2765
Alonso, A., Arribas, S., & Martínez-Roger, C. 1994, *A&AS*, **107**, 365
Alonso, A., Arribas, S., & Martínez-Roger, C. 1996, *A&AS*, **117**, 227
Andersen, J. 1991, *A&ARV*, **3**, 91
Anderson, E., & Francis, C. 2011, *yCat*, **5137**, 0
Appenzeller, I. 1966, *ZAp*, **64**, 269
Argue, A. N. 1963, *MNRAS*, **125**, 557
Argue, A. N. 1966, *MNRAS*, **133**, 475
Arp, H. C. 1958, *AJ*, **63**, 118
Arribas, S., & Martínez-Roger, C. 1989, *A&A*, **215**, 305
Aumann, H. H., & Probst, R. G. 1991, *ApJ*, **368**, 264
Baraffe, I., Chabrier, G., Allard, F., & Hauschildt, P. H. 1998, *A&A*, **337**, 403
Berger, D. H., Gies, D. R., McAlister, H. A., et al. 2006, *ApJ*, **644**, 475
Berriman, G., & Reid, N. 1987, *MNRAS*, **227**, 315
Bessel, M. S. 1990, *A&AS*, **83**, 357
Bessel, M. S. 1990, *PASP*, **102**, 1181
Bessel, M. S. 1991, *AJ*, **101**, 662
Blackwell, D. E., & Petford, A. D. 1991, *A&A*, **250**, 459
Blackwell, D. E., Petford, A. D., Arribas, S., Haddock, D. J., & Selby, M. J. 1990, *A&A*, **232**, 396
Blanco, C., Marilli, E., & Catalano, S. 1979, *A&AS*, **36**, 297
Bok, B. J., Bok, P. F., & Miller, E. W. 1972, *AJ*, **77**, 733
Bond, H. E. 1970, *ApJS*, **22**, 117
Bonfils, X., Delfosse, X., Udry, S., et al. 2005, *A&A*, **442**, 635
Bopp, B. W., Gehrz, R. D., & Hackwell, J. A. 1974, *PASP*, **86**, 989
Boyajian, T. S. 2009, PhD thesis, Georgia State Univ.
Boyajian, T. S., McAlister, H. A., Baines, E. K., et al. 2008, *ApJ*, **683**, 424
Boyajian, T. S., McAlister, H. A., van Belle, G., et al. 2012, *ApJ*, **746**, 101
Boyajian, T. S., von Braun, K., van Belle, G., et al. 2011, in 16th Cambridge Workshop on Cool Stars, Stellar Systems, and the Sun, ASP Conf. Proc. 448, ed. C. Johns-Krull, M. K. Browning, & A. A. West (San Francisco, CA: ASP), 811
Caillault, J.-P., & Patterson, J. 1990, *AJ*, **100**, 825
Cameron, R. C. 1966, Georgetown Obs. Monogram, **21**, 0
Carney, B. W. 1979, *ApJ*, **233**, 211
Carney, B. W. 1983, *AJ*, **88**, 623
Carney, B. W., & Aaronson, M. 1979, *AJ*, **84**, 867
Carter, B. S. 1990, *MNRAS*, **242**, 1
Casagrande, L., Flynn, C., & Bessell, M. 2008, *MNRAS*, **389**, 585
Chabrier, G., & Baraffe, I. 1997, *A&A*, **327**, 1039
Chabrier, G., Gallardo, J., & Baraffe, I. 2007, *A&A*, **472**, L17
Christou, J. C., & Drummond, J. D. 2006, *AJ*, **131**, 3100
Claret, A. 2000, *A&A*, **363**, 1081
Cousins, A. W. J. 1962, *MNSSA*, **21**, 20
Cousins, A. W. J. 1963, *MNSSA*, **22**, 12

- Cousins, A. W. J. 1972, MNSA, **31**, 75
 Cousins, A. W. J. 1973, MNSA, **32**, 11
 Cousins, A. W. J. 1984, SAAOC, **8**, 59
 Cousins, A. W. J., & Stoy, R. H. 1962, RGOB, **64**, 103
 Cowley, A. P., Hiltner, W. A., & Witt, A. N. 1967, AJ, **72**, 1334
 Cox, A. N. 2000, Allen's Astrophysical Quantities (4th ed.; New York: AIP Press)
 Crawford, D. L., & Barnes, J. V. 1970, AJ, **75**, 978
 Cutri, R. M., Skrutskie, M. F., van Dyk, S., et al. 2003, The 2MASS All Sky Catalog of Point Sources (Pasadena, CA: IPAC)
 Dahn, C. C., et al. 1976, PUSNO, **24**, 1
 Delfosse, X., Forveille, T., Ségransan, D., et al. 2000, A&A, **364**, 217
 Demarque, P., Woo, J.-H., Kim, Y.-C., & Yi, S. K. 2004, ApJS, **155**, 667
 Demory, B., Ségransan, D., Forveille, T., et al. 2009, A&A, **505**, 205
 di Folco, E., Absil, O., Augereau, J.-C., et al. 2007, A&A, **475**, 243
 Di Folco, E., Thévenin, F., Kervella, P., et al. 2004, A&A, **426**, 601
 Doinidis, S. P., & Beers, T. C. 1991, PASP, **103**, 973
 Dotter, A., Chaboyer, B., Jevremović, D., et al. 2008, ApJS, **178**, 89
 Ducati, J. R. 2002, yCat, **2237**, 0
 Edvardsson, B., Andersen, J., Gustafsson, B., et al. 1993, A&A, **275**, 101
 Eggen, O. J. 1963, AJ, **68**, 483
 Eggen, O. J. 1965, AJ, **70**, 19
 Eggen, O. J. 1968, ApJS, **16**, 49
 Eggenberger, P., Miglio, A., Carrier, F., Fernandes, J., & Santos, N. C. 2008, A&A, **482**, 631
 Elias, J. H., Frogel, J. A., Matthews, K., & Neugebauer, G. 1982, AJ, **87**, 1029
 Engels, D., Sherwood, W. A., Wamsteker, W., & Schultz, G. V. 1981, A&AS, **45**, 5
 Erro, B. I. 1971, BITon, **6**, 143
 Fabregat, J., & Reglero, V. 1990, A&AS, **82**, 531
 Fernie, J. D., Hagen, J. P., Jr., Hagen, G. L., & McClure, L. 1971, PASP, **83**, 79
 Frogel, J. A., Kleinmann, D. E., Kunkel, W., Ney, E. P., & Strecker, D. W. 1972, PASP, **84**, 581
 Gehrz, R. D., & Woolf, N. J. 1971, ApJ, **165**, 285
 Girardi, L., Bressan, A., Bertelli, G., & Chiosi, C. 2000, A&AS, **141**, 371
 Glass, I. S. 1974, MNSA, **33**, 53
 Glass, I. S. 1975, MNRAS, **171**, 19P
 Gliese, W., & Jahreiss, H. 1995, yCat, **5070**, 0
 Golay, M. 1972, VA, **14**, 13
 Gray, D. F. 1992, The Observation and Analysis of Stellar Photospheres (Cambridge: Cambridge Univ. Press), **470**
 Gutierrez-Moreno, A., et al. 1966, PDAUC, **1**, 1
 Haas, M., & Leinert, C. 1990, A&A, **230**, 87
 Häggkvist, L., & Oja, T. 1966, Ara, **4**, 137
 Häggkvist, L., & Oja, T. 1969, Ara, **5**, 303
 Hanbury Brown, R. H., Davis, J., Lake, R. J. W., & Thompson, R. J. 1974, MNRAS, **167**, 475
 Hartwick, F. D. A., Crampton, D., & Cowley, A. P. 1976, ApJ, **208**, 776
 Hauck, B., & Mermilliod, M. 1998, A&AS, **129**, 431
 Hawley, S. L., Gizis, J. E., & Reid, I. N. 1996, AJ, **112**, 2799
 Henry, T. J., & McCarthy, D. W., Jr. 1993, AJ, **106**, 773
 Hogg, A. R. 1958, MtSOM, **2**, 1
 Iriarte, B. 1971, BOTT, **6**, 143
 Iriarte, B., Johnson, H. L., Mitchell, R. I., & Wisniewski, W. K. 1965, S&T, **30**, 21
 Irwin, J. B. 1961, ApJS, **6**, 253
 Irwin, J. M., Quinn, S. N., Berta, Z. K., et al. 2011, ApJ, **742**, 123
 Jennens, P. A., & Helfer, H. L. 1975, MNRAS, **172**, 667
 Johnson, H. L. 1953, ApJ, **117**, 361
 Johnson, H. L. 1955, AnAp, **18**, 292
 Johnson, H. L. 1964, BOTT, **3**, 305
 Johnson, H. L. 1965, ApJ, **141**, 170
 Johnson, H. L., & Harris, D. L. 1954, ApJ, **120**, 196
 Johnson, H. L., & Knuckles, C. F. 1957, ApJ, **126**, 113
 Johnson, H. L., MacArthur, J. W., & Mitchell, R. I. 1968, ApJ, **152**, 465
 Johnson, H. L., Mitchell, R. I., Iriarte, B., & Wisniewski, W. Z. 1966, CoLPL, **4**, 99
 Johnson, H. L., & Morgan, W. W. 1953, ApJ, **117**, 313
 Jones, B. W., & Sleep, P. N. 2010, MNRAS, **407**, 1259
 Kamper, K. W. 1976, PASP, **88**, 444
 Kervella, P., & Fouqué, P. 2008, A&A, **491**, 855
 Kervella, P., Mérand, A., Pichon, B., et al. 2008, A&A, **488**, 667
 Kilkenny, D., Koen, C., van Wyk, F., Marang, F., & Cooper, D. 2007, MNRAS, **380**, 1261
 Koen, C., Kilkenny, D., van Wyk, F., & Marang, F. 2010, MNRAS, **403**, 1949
 Kraus, A. L., Tucker, R. A., Thompson, M. I., Craine, E. R., & Hillenbrand, L. A. 2011, ApJ, **728**, 48
 Landolt, A. U. 1983, AJ, **88**, 439
 Lane, B. F., Boden, A. F., & Kulkarni, S. R. 2001, ApJL, **551**, L81
 Leggett, S. K. 1992, ApJS, **82**, 351
 Leggett, S. K., & Hawkins, M. R. S. 1988, MNRAS, **234**, 1065
 Lejeune, T., Cuisinier, F., & Buser, R. 1998, A&AS, **130**, 65
 Lindoff, U. 1968, Ara, **4**, 433
 López-Morales, M. 2007, ApJ, **660**, 732
 López-Morales, M., & Ribas, I. 2005, ApJ, **631**, 1120
 López-Santiago, J., Micela, G., & Montes, D. 2009, A&A, **499**, 129
 Luck, R. E., & Heiter, U. 2005, AJ, **129**, 1063
 Lutz, T. E. 1971, PASP, **83**, 488

- Markwardt, C. B. 2009, in ASP Conf. Ser. 411, Astronomical Data Analysis Software and Systems XVIII, ed. D. A. Bohlender, D. Durand, & P. Dowler (San Francisco, CA: ASP), 251
- Marlborough, J. M. 1964, AJ, 69, 215
- McCarthy, D. W., Jr. 1984, AJ, 89, 433
- McGregor, P. J. 1994, PASP, 106, 508
- Mendoza, E. E. 1967, BOTT, 4, 106
- Mendoza, E. E. 1969, BOTT, 5, 57
- Mendoza, E. E. 1970, BOTT, 5, 269
- Mendoza, E. E., Gomez, V. T., & Gonzalez, S. 1978, AJ, 83, 606
- Mendoza, E. E., & Gonzalez, S. F. 1974, RMxAA, 1, 67
- Mermilliod, J.-C. 1986, Catalogue of Eggen's UVB Data, 0
- Mermilliod, J. C. 1997, yCat, 2168, 0
- Michelson, A. A., & Pease, F. G. 1921, ApJ, 53, 249
- Moffett, T. J., & Barnes, T. G., III 1979, PASP, 91, 180
- Morales, J. C., Gallardo, J., Ribas, I., et al. 2010, ApJ, 718, 502
- Morales, J. C., Ribas, I., & Jordi, C. 2008, A&A, 478, 507
- Moreno, H. 1971, A&A, 12, 442
- Mould, J. R., & Hyland, A. R. 1976, ApJ, 208, 399
- Mould, J. R., & McElroy, D. B. 1978, ApJ, 220, 935
- Mullan, D. J., & MacDonald, J. 2001, ApJ, 559, 353
- Mumford, G. S. 1956, AJ, 61, 213
- Neckel, H. 1974, A&AS, 18, 169
- Neugebauer, G., & Leighton, R. B. 1969, in Two-micron Sky Survey. A Preliminary Catalogue (Washington, D.C.: NASA)
- Neves, V., Bonfils, X., Santos, N. C., et al. 2012, A&A, 538, 25
- Nicolet, B. 1978, A&AS, 34, 1
- Nikonov, V. B., Nekrasova, S. V., Polosuina, N. S., Rachkovsky, N. D., & Chuvajev, W. K. 1957, IzKry, 17, 42
- Ochsenbein, F., Bauer, P., & Marcout, J. 2000, A&AS, 143, 23
- Oja, T. 1963, ArA, 3, 273
- Oja, T. 1983, A&AS, 52, 131
- Oja, T. 1984, A&AS, 57, 357
- Oja, T. 1985a, A&AS, 61, 331
- Oja, T. 1985b, A&AS, 59, 461
- Oja, T. 1986, A&AS, 65, 405
- Olsen, E. H. 1977, A&AS, 29, 313
- Olsen, E. H. 1983, A&AS, 54, 55
- Olsen, E. H. 1984, A&AS, 57, 443
- Olsen, E. H. 1993, A&AS, 102, 89
- Olsen, E. H. 1994, A&AS, 104, 429
- Olson, E. C. 1974, AJ, 79, 1424
- Oosterhoff, P. T. 1960, BAN, 15, 199
- Persinger, T., & Castelaz, M. W. 1990, AJ, 100, 1621
- Persson, S. E., Aaronson, M., & Frogel, J. A. 1977, AJ, 82, 729
- Pfleiderer, J., Dachs, J., & Haug, U. 1966, ZAp, 64, 116
- Philip, A. G. D., & Philip, K. D. 1973, ApJ, 179, 855
- Pickles, A. J. 1998, PASP, 110, 863
- Popper, D. M. 1959, ApJ, 129, 647
- Popper, D. M. 1997, AJ, 114, 1195
- Ramírez, I., & Meléndez, J. 2005, ApJ, 626, 465
- Rayner, J. T., Cushing, M. C., & Vacca, W. D. 2009, ApJS, 185, 289
- Reid, N. 1982, MNRAS, 201, 51
- Reid, N., & Gilmore, G. 1984, MNRAS, 206, 19
- Ribas, I., Morales, J., Jordi, C., et al. 2008, MmSAI, 79, 562
- Ribas, I., Morales, J. C., Jordi, C., et al. 2008, MmSAI, 79, 562
- Rojas-Ayala, B., Covey, K. R., Muirhead, P. S., & Lloyd, J. P. 2012, ApJ, 748, 93
- Roman, N. G. 1955, ApJS, 2, 195
- Rudy, R. J., Rossano, G. S., & Puetter, R. C. 1996, ApJL, 458, L41
- Rufener, F. 1976, A&AS, 26, 275
- Rybka, E. 1969, AcA, 19, 229
- Schneider, J., Dedieu, C., Le Sidaner, P., Savalle, R., & Zolotukhin, I. 2011, A&A, 532, A79
- Schuster, W. J., & Nissen, P. E. 1988, A&AS, 73, 225
- Ségransan, D., Kervella, P., Forveille, T., & Queloz, D. 2003, A&A, 397, L5
- Selby, M. J., Hepburn, I., Blackwell, D. E., et al. 1988, A&AS, 74, 127
- Sharpless, S. 1952, ApJ, 116, 251
- Siess, L., Forestini, M., & Dougados, C. 1997, A&A, 324, 556
- Simons, D. A., Henry, T. J., & Kirkpatrick, J. D. 1996, AJ, 112, 2238
- Sowell, J. R., & Wilson, J. W. 1993, PASP, 105, 36
- Stauffer, J. R., & Hartmann, L. W. 1986, ApJS, 61, 531
- Stoy, R. H. 1963, MNSSA, 22, 157
- Sturmann, J., Ten Brummelaar, T., Sturmann, L., & McAlister, H. A. 2010, Proc. SPIE, 7734
- Tapia, M., Roth, M., Costero, R., & Navarro, S. 1984, RMxAA, 9, 65
- Taylor, B. J., & Joner, M. D. 1992, PASP, 104, 911
- ten Brummelaar, T. A., McAlister, H. A., Ridgway, S., et al. 2008, Proc. SPIE, 7013, 701308
- ten Brummelaar, T. A., McAlister, H. A., Ridgway, S. T., et al. 2005, ApJ, 628, 453
- Tifft, W. G. 1963, MNRAS, 125, 199
- Tinney, C. G., Mould, J. R., & Reid, I. N. 1993, AJ, 105, 1045
- Tolbert, C. R. 1964, ApJ, 139, 1105
- Torres, G., Andersen, J., & Giménez, A. 2010, A&ARv, 18, 67

- Torres, G., & Ribas, I. 2002, *ApJ*, **567**, 1140
Upgren, A. R. 1974, *PASP*, **86**, 294
Upgren, A. R., & Kerridge, S. J. 1973, *PASP*, **85**, 721
Valenti, J. A., & Fischer, D. A. 2005, *ApJS*, **159**, 141
van Belle, G. T., & van Belle, G. 2005, *PASP*, **117**, 1263
van Belle, G. T., van Belle, G., Creech-Eakman, M. J., et al. 2008, *ApJS*, **176**, 276
van Belle, G. T., & von Braun, K. 2009, *ApJ*, **694**, 1085
van Leeuwen, F. 2007, Hipparcos, the New Reduction of the Raw Data (Institute of Astronomy, Cambridge University, Cambridge, UK Series: Astrophysics and Space Science Library, Vol. 350 20; Dordrecht: Springer)
VandenBerg, D. A., Casagrande, L., & Stetson, P. B. 2010, *AJ*, **140**, 1020
VandenBerg, D. A., & Clem, J. L. 2003, *AJ*, **126**, 778
Veeder, G. J. 1974, *AJ*, **79**, 1056
Vilhu, O., Gustafsson, B., & Edvardsson, B. 1987, *ApJ*, **320**, 850
Voelcker, K. 1975, *A&AS*, **22**, 1
Voges, W., Aschenbach, B., Boller, T., et al. 1999, *A&A*, **349**, 389
von Braun, K., Boyajian, T. S., Kane, S. R., et al. 2011, *ApJL*, **729**, L26
von Braun, K., Boyajian, T. S., Kane, S. R., et al. 2012, *ApJ*, **753**, 171
von Braun, K., van Belle, G. T., Ciardi, D. R., et al. 2008, *ApJ*, **677**, 545
Walker, R. L. 1983, *IBVS*, **2318**, 1
Weis, E. W. 1993, *AJ*, **105**, 1962
Weiss, A., Hillebrandt, W., Thomas, H.-C., & Ritter, H. 2004, Cox and Giuli's Principles of Stellar Structure (Cambridge: Cambridge Scientific Publishers)
Weistropp, D. 1977, *ApJ*, **215**, 845
Williams, J. A. 1966, *AJ*, **71**, 615
Wright, N. J., Drake, J. J., Mamajek, E. E., & Henry, G. W. 2011, *ApJ*, **743**, 48