TABLE 1. ARNICA Standard Star Photometry

Star Name	Other Designation	Coordinates (2000) α	δ	J (δ_J)	H (δ_H)	K (δ_K)	$J-K$	$H-K$	Number Nights [a]
AS01-0	FS02	00 55 09.9	00 43 13	10.716 (0.005)	10.507 (0.010)	10.470 (0.003)	0.25	0.04	6,6,6
AS02-0	SAO054271	00 55 58.6	39 10 09	8.775 (0.006)	8.771 (0.012)	8.770 (0.009)	0.01	0.00	5,6,6
AS03-0	FS03	01 04 21.6	04 13 39	12.606 (0.011)	12.729 (0.008)	12.827 (0.013)	-0.22	-0.10	6,6,6
AS04-0	FS04	01 54 37.6	00 43 01	10.555 (0.004)	10.301 (0.005)	10.277 (0.006)	0.28	0.02	5,5,5
AS04-1		01 54 43.4	00 43 59	12.371 (0.021)	12.033 (0.020)	11.962 (0.025)	0.41	0.07	4,3,4
AS05-0	FS06	02 30 16.4	05 15 52	13.232 (0.009)	13.314 (0.007)	13.381 (0.010)	-0.15	-0.07	8,7,8
AS05-1		02 30 18.6	05 16 42	14.350 (0.013)	13.663 (0.011)	13.507 (0.009)	0.84	0.16	7,8,8
AS06-0	SAO038218	02 41 03.6	47 41 28	8.713 (0.010)	8.694 (0.014)	8.674 (0.010)	0.04	0.02	8,8,8
AS07-0	FS07	02 57 21.2	00 18 39	11.105 (0.013)	10.977 (0.009)	10.946 (0.010)	0.16	0.03	6,6,7
AS08-0	SAO056596	03 38 08.3	35 10 52	8.744 (0.011)	8.723 (0.014)	8.697 (0.012)	0.05	0.03	5,5,6
AS08-1		03 38 12.0	35 10 11	8.772 (0.011)	7.836 (0.018)	7.570 (0.017)	1.20	0.27	5,5,5
AS08-2		03 38 08.3	35 09 38	9.728 (0.011)	9.121 (0.015)	8.995 (0.016)	0.73	0.13	5,5,6
AS09-0	SAO013053	04 11 05.8	60 10 21	8.432 (0.012)	8.380 (0.014)	8.340 (0.011)	0.09	0.04	6,6,6
AS09-1		04 11 06.2	60 09 39	11.546 (0.015)	10.923 (0.016)	10.730 (0.015)	0.82	0.19	6,6,6
AS10-0	FS11	04 52 58.9	-00 14 41	11.349 (0.011)	11.281 (0.009)	11.259 (0.006)	0.09	0.02	8,8,7
AS11-0	SAO058110	05 29 55.5	39 38 59	9.151 (0.009)	9.181 (0.010)	9.183 (0.011)	-0.03	-0.00	7,8,8
AS11-1		05 30 02.0	39 37 49	11.299 (0.009)	10.342 (0.015)	10.051 (0.008)	1.25	0.29	7,6,6
AS12-0	FS12	05 52 27.4	15 53 23	13.700 (0.018)	13.812 (0.015)	13.884 (0.011)	-0.18	-0.07	5,4,3
AS12-1		05 52 21.5	15 52 44	11.241 (0.007)	10.931 (0.018)	10.866 (0.020)	0.38	0.06	3,4,4
AS13-0	FS13	05 57 07.5	00 01 11	10.517 (0.005)	10.189 (0.005)	10.137 (0.005)	0.38	0.05	9,9,8
AS13-1		05 57 10.4	00 01 38	12.201 (0.019)	11.781 (0.007)	11.648 (0.009)	0.55	0.13	5,5,5
AS13-2		05 57 09.5	00 01 50	12.521 (0.008)	12.101 (0.005)	11.970 (0.006)	0.55	0.13	5,5,5
AS13-3		05 57 08.0	00 00 07	13.345 (0.015)	12.964 (0.017)	12.812 (0.012)	0.53	0.15	5,4,4
AS14-0	SAO013747	06 11 25.4	61 32 15	8.688 (0.013)	8.623 (0.014)	8.590 (0.007)	0.10	0.03	6,6,6
AS14-1		06 11 29.9	61 32 05	9.871 (0.015)	9.801 (0.015)	9.755 (0.011)	0.12	0.05	6,6,6
AS15-0	NGC2264	06 40 34.3	09 19 13	10.874 (0.007)	10.669 (0.010)	10.628 (0.008)	0.25	0.04	8,9,10
AS15-1		06 40 36.2	09 18 60	12.656 (0.011)	11.980 (0.010)	11.792 (0.011)	0.86	0.19	9,9,8
AS15-2		06 40 37.9	09 18 41	13.711 (0.014)	12.927 (0.017)	12.719 (0.012)	0.99	0.21	8,9,8
AS15-3		06 40 37.9	09 18 19	14.320 (0.015)	13.667 (0.017)	13.415 (0.015)	0.91	0.25	8,7,8
AS16-0	FS14	07 24 14.3	-00 33 05	14.159 (0.021)	14.111 (0.011)	14.305 (0.017)	-0.15	-0.19	5,4,4
AS16-1		07 24 13.1	-00 32 54	13.761 (0.020)	13.638 (0.005)	13.606 (0.021)	0.15	0.03	5,4,4
AS16-2		07 24 15.4	-00 32 49	11.411 (0.010)	11.428 (0.017)	11.445 (0.008)	-0.03	-0.02	5,4,4
AS16-3		07 24 17.2	-00 32 27	13.891 (0.012)	13.855 (0.011)	13.818 (0.011)	0.07	0.04	5,4,3
AS16-4		07 24 17.5	-00 33 07	11.402 (0.015)	11.106 (0.019)	11.043 (0.009)	0.36	0.06	4,4,4
AS17-0	NGC2419	07 38 15.5	38 56 16	14.353 (0.012)	14.039 (0.015)	13.983 (0.016)	0.37	0.06	6,5,5
AS17-1		07 38 19.1	38 55 17	12.434 (0.009)	12.077 (0.012)	12.027 (0.017)	0.41	0.05	6,6,6
AS17-2		07 38 16.6	38 57 13	14.745 (0.012)	14.124 (0.012)	13.871 (0.016)	0.87	0.25	5,5,3
AS17-3		07 38 10.7	38 57 11	13.077 (0.007)	12.782 (0.010)	12.706 (0.006)	0.37	0.08	6,6,4
AS17-4		07 38 08.2	38 56 01	14.459 (0.018)	13.795 (0.014)	13.430 (0.018)	1.03	0.37	5,5,5
AS18-0	FS15	08 51 05.8	11 43 47	12.741 (0.008)	12.402 (0.004)	12.338 (0.013)	0.40	0.06	8,8,8
AS18-1		08 51 03.5	11 45 03	10.769 (0.024)	10.614 (0.014)	10.575 (0.014)	0.19	0.04	4,6,6
AS19-0	FS17	08 51 19.7	11 52 11	12.670 (0.014)	12.334 (0.013)	12.263 (0.004)	0.41	0.07	5,5,6
AS19-1		08 51 21.8	11 52 38	10.095 (0.017)	9.794 (0.013)	9.746 (0.010)	0.35	0.05	4,4,5
AS19-2		08 51 20.2	11 52 48	12.745 (0.019)	12.488 (0.024)	12.437 (0.012)	0.31	0.05	4,4,5
AS20-0	SAO042804	09 19 27.5	43 31 46	9.551 (0.012)	9.519 (0.007)	9.497 (0.015)	0.05	0.02	9,9,9

TABLE 1. (continued)

Star Name	Other Designation	Coordinates (2000) α	δ	J (δ_J)	H (δ_H)	K (δ_K)	$J-K$	$H-K$	Number Nights [a]
AS21-0	SAO062058	10 28 42.1	36 46 18	9.061 (0.007)	9.043 (0.015)	9.031 (0.007)	0.03	0.01	6,7,9
AS22-0	FS21	11 37 05.6	29 47 59	12.966 (0.005)	13.038 (0.010)	13.158 (0.007)	-0.19	-0.12	7,7,8
AS23-0	SAO119183	12 02 53.5	04 08 47	8.889 (0.010)	8.847 (0.009)	8.828 (0.010)	0.06	0.02	6,7,6
AS24-0	SAO015832	12 35 15.6	62 56 57	9.398 (0.009)	9.345 (0.009)	9.338 (0.010)	0.06	0.01	5,6,6
AS25-0	FS33	12 57 02.4	22 02 01	14.029 (0.008)	14.134 (0.010)	14.195 (0.009)	-0.17	-0.06	5,4,5
AS26-0	FS23	13 41 43.6	28 29 51	13.000 (0.015)	12.455 (0.012)	12.379 (0.010)	0.62	0.08	7,7,8
AS26-1		13 41 47.2	28 29 49	12.120 (0.016)	11.527 (0.016)	11.428 (0.016)	0.69	0.10	7,8,8
AS27-0	FS24	14 40 07.0	00 01 45	10.910 (0.015)	10.781 (0.007)	10.761 (0.010)	0.15	0.02	5,4,5
AS27-1		14 40 07.3	00 02 23	12.991 (0.015)	12.677 (0.024)	12.608 (0.019)	0.38	0.07	4,3,4
AS28-0	SAO064525	15 09 20.3	39 25 49	8.455 (0.010)	8.378 (0.014)	8.372 (0.008)	0.08	0.01	7,7,8
AS29-0	FS25	15 38 33.3	00 14 19	10.234 (0.005)	9.842 (0.013)	9.760 (0.009)	0.47	0.08	5,5,5
AS29-1		15 38 30.6	00 14 21	13.904 (0.017)	13.566 (0.019)	13.503 (0.020)	0.40	0.06	5,3,4
AS30-0	FS27	16 40 41.6	36 21 13	13.505 (0.004)	13.197 (0.011)	13.141 (0.014)	0.36	0.06	4,4,4
AS30-1		16 40 36.6	36 22 40	12.497 (0.017)	12.157 (0.011)	12.175 (0.021)	0.32	-0.02	3,3,3
AS31-0	FS28	17 44 06.8	-00 24 58	10.744 (0.008)	10.644 (0.005)	10.602 (0.004)	0.14	0.04	6,6,6
AS31-1		17 44 06.2	-00 24 22	12.504 (0.010)	12.131 (0.011)	12.048 (0.007)	0.46	0.08	6,6,6
AS31-2		17 44 04.9	-00 24 11	13.290 (0.009)	12.633 (0.011)	12.476 (0.010)	0.81	0.16	5,5,4
AS32-0	SAO017946	18 36 10.5	65 04 30	8.017 (0.018)	7.917 (0.012)	7.925 (0.014)	0.09	-0.01	4,4,4
AS33-0	FS35	18 27 13.6	04 03 10	12.220 (0.004)	11.834 (0.005)	11.739 (0.009)	0.48	0.09	4,4,5
AS33-1		18 27 12.4	04 02 16	13.180 (0.009)	12.477 (0.004)	12.343 (0.008)	0.84	0.13	4,4,5
AS33-2		18 27 15.5	04 03 34	13.724 (0.024)	13.271 (0.023)	13.168 (0.014)	0.56	0.10	4,4,5
AS34-0	SAO048300	19 17 34.5	48 06 02	8.443 (0.019)	8.434 (0.003)	8.436 (0.019)	0.01	-0.00	3,3,3
AS35-0	SAO070237	20 35 11.2	36 08 49	8.625 (0.009)	8.544 (0.011)	8.524 (0.006)	0.10	0.02	3,4,4
AS36-0 [b]	FS29	21 52 25.4	02 23 20	13.168 (0.013)	13.242 (0.007)	13.301 (0.007)	-0.13	-0.06	4,4,4
AS36-1		21 52 26.2	02 24 41	13.538 (0.028)	13.049 (0.012)	12.960 (0.014)	0.58	0.09	3,4,4
AS36-2		21 52 22.4	02 24 32	14.246 (0.014)	13.847 (0.014)	13.737 (0.008)	0.51	0.11	4,4,4
AS36-3		21 52 21.8	02 22 51	14.165 (0.004)	13.607 (0.009)	13.333 (0.022)	0.83	0.27	4,3,4
AS36-4		21 52 25.4	02 23 35	15.312 (0.008)	14.769 (0.006)	14.514 (0.022)	0.80	0.26	4,4,4
AS37-0	SAO072320	22 25 20.7	40 09 38	8.669 (0.017)	8.678 (0.009)	8.635 (0.009)	0.03	0.04	5,5,5
AS37-1		22 25 19.8	40 08 06	11.020 (0.026)	10.516 (0.014)	10.399 (0.011)	0.62	0.12	3,3,3
AS38-0	FS30	22 41 44.7	01 12 36	11.932 (0.006)	11.988 (0.009)	12.027 (0.010)	-0.09	-0.04	5,6,4
AS38-1		22 41 46.4	01 11 52	12.994 (0.004)	12.657 (0.012)	12.588 (0.020)	0.41	0.07	4,5,4
AS38-2		22 41 50.2	01 12 43	11.355 (0.023)	11.026 (0.014)	10.991 (0.013)	0.36	0.04	4,5,4
AS39-0	FS31	23 12 21.2	10 47 06	13.808 (0.008)	13.929 (0.002)	14.011 (0.009)	-0.20	-0.08	5,5,4
AS39-1		23 12 20.7	10 46 36	15.033 (0.022)	14.333 (0.004)	14.045 (0.018)	0.99	0.29	4,4,4
AS40-0	NGC7790	23 58 50.2	61 10 02	11.051 (0.013)	10.408 (0.013)	10.240 (0.013)	0.81	0.17	7,8,8
AS40-1		23 58 43.2	61 10 26	11.900 (0.012)	11.097 (0.011)	10.861 (0.008)	1.04	0.24	7,8,7
AS40-2		23 58 59.7	61 10 26	11.477 (0.018)	10.569 (0.014)	10.314 (0.018)	1.16	0.26	4,4,4
AS40-3		23 58 57.5	61 09 46	10.578 (0.015)	9.966 (0.011)	9.785 (0.008)	0.79	0.18	6,6,6
AS40-4		23 58 53.6	61 11 02	10.356 (0.015)	9.695 (0.008)	9.516 (0.007)	0.84	0.18	7,7,7
AS40-5		23 58 43.2	61 09 42	9.488 (0.013)	9.418 (0.007)	9.405 (0.008)	0.08	0.01	6,6,8

[a] The three numbers refer to the number of nights in each band, J, H, and K, respectively. The number of nights may differ between bands because of lack of measurements, and may differ between stars of a given field because of bad pixels or positioning of the field on the detector.

[b] This star, also known as G93-48, has large proper motion: 23.0, -303.0 mas/yr.