АКАДЕМИЯ НАУК СССР

ИЗВЕСТИЯ КРЫМСКОЙ АСТРОФИЗИЧЕСКОЙ ОБСЕРВАТОРИИ

ТОМ XIV

ИЗДАТЕЛЬСТВО АКАДЕМИИ НАУК СССР
МОСКВА — 1955

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КАТАЛОГ СПЕКТРАЛЬНЫХ КЛАССОВ, ВЕЛИЧИН И ПОКАЗАТЕЛЕЙ ЦВЕТА 5752 ЗВЕЗД В ПЛОЩАДКЕ МЛЕЧНОГО ПУТИ С ЦЕНТРОМ

$\alpha = 23^h25^m$, $\delta = 61°30'$

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По спектрам, полученным с малой дисперсией, определены спектральные классы 5752 звезд ярче 12.5 величины в области 22^h48^m—0^h00^m, 58°—65°. Звезды спектральных классов G5—K ярче $10^m.5$ подразделены на гиганты и карлики. Определены фотографические величины и показатели цвета.

В настоящий каталог включены все звезды в пределах области: 22^h48^m—0^h00^m, 58°—65°, доступные для классификации спектров по нашим пластинкам. В большей части площадки классифицированы все или почти все звезды ярче $12^m.5$, есть звезды и немного слабее. На краях области предельная величина несколько меньше. 400 звезд спектральных классов O-B5, опубликованных ранее без показателей цвета [1], также включены в этот список с некоторыми уточнениями величин и спектральных подклассов.

В данном томе помещается только каталог; дискуссия наблюденных данных будет помещена в одном из следующих томов настоящего издания.

К настоящему времени рядом сотрудников Крымской астрофизической обсерватории проделана большая работа по классификации спектров и определению показателей цвета слабых звезд в участках Млечного Пути, представляющих специальный интерес: в окрестностях скоплений χ и h Персея, в созвездиях Лебедя и Скорпиона. Знание спектров и показателей цвета большого числа слабых звезд доставит дополнительные сведения о строении нашей звездной системы.

КЛАССИФИКАЦИЯ СПЕКТРОВ

Спектры были получены с 6.9-градусной призмой (D=410 мм), укрепленной на объективе 400 мм астрографа [1]. Дисперсия — около 250 А/мм у Hδ. Для слабых звезд требовалась экспозиция 1^h30^m на пластинках Истмен 103 а 0 (30×30 см) и 2^h—2^h30^m на пластинках *Astro Platten* (30×30 см) при ширине спектра 0.25—0.30 мм.

Несколько пластинок были получены с экспозициями от 10 до 30 минут и несколько большей шириной спектра и одна пластинка при повернутой на 90° призме. Всего в работе было использовано 10 пластинок.

Все звезды классифицировались автором дважды, звезды спектров от G до K рассматривались дополнительно с целью разделения их на гиганты и карлики.

Критерии классификации спектральных классов были определены по звездам HD, имеющимся в исследуемой области. Для определения критерия светимости мы снимали ряд звезд, имеющихся в Иеркском атласе звездных спектров, и область Северного полюса, где классифицированы звезды BD и звезды спектральных классов G2-K подразделены на гиганты и карлики [2].

Принятые нами критерии классификации классов O-B8 опубликованы [1]. Остальные спектральные классы определены по следующим критериям:

A0. Водородные линии исключительно интенсивны. Линия CaII K еле угадывается, либо отсутствует.

A2. Линии H почти так же интенсивны, как в A0. Интенсивность линии K CaII составляет около 0.2 интенсивности линии (CaII H+H).

A5. Водородные линии слабее, чем в A2. Интенсивность линии K немного меньше половины интенсивности ($H+H_\varepsilon$).

A8. Водородные линии заметно ослаблены. Линия K немного интенсивнее, чем в A5.

F0. Интенсивность линии K составляет около $^2/_3$ интенсивности линии ($H+H_\varepsilon$).

F2. Интенсивность линии K почти равна интенсивности ($H+H_\varepsilon$). Полоса G обычно не видна, и только на спектрах, полученных с короткой экспозицией, она заметна.

F5. Линия K равна или чуть слабее линии ($H+H_\varepsilon$). Интенсивность полосы G около половины интенсивности H_γ.

F8. Интенсивность полосы G равна интенсивности H_γ.

G0. Полоса G интенсивнее H_γ. Водородные линии слабы, но еще хорошо видны.

G2. Полоса G вдвое интенсивнее H_γ. Водородные линии слабы, но все еще видны.

G5. Водородные линии не видны. Полоса G интенсивнее, чем в классе G2. Хорошо видно различие интенсивностей непрерывного спектра по обе стороны от полосы G: длинноволновый конец спектра интенсивнее, чем коротковолновый.

G8. Полоса G интенсивнее, чем в классе G5. Линия CaI λ4227 обычно не видна или очень слаба. Различие интенсивностей непрерывного спектра по обе стороны от полюса G резко выражено.

K0. Полоса G исключительно интенсивна, λ4227 видна, но значительно слабее полосы G.

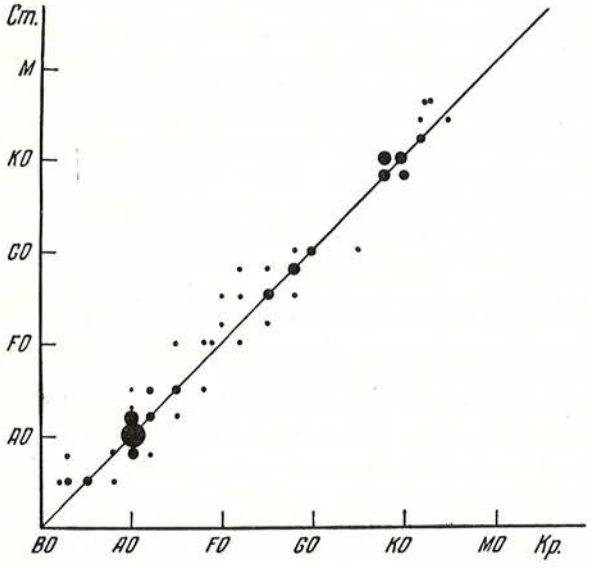
K2. Полоса G немного интенсивнее линии λ4227.

K5. Линия λ4227 интенсивнее полосы G и является самой выдающейся в спектре. На длинноволновом конце спектра полосы Ti0 не видны.

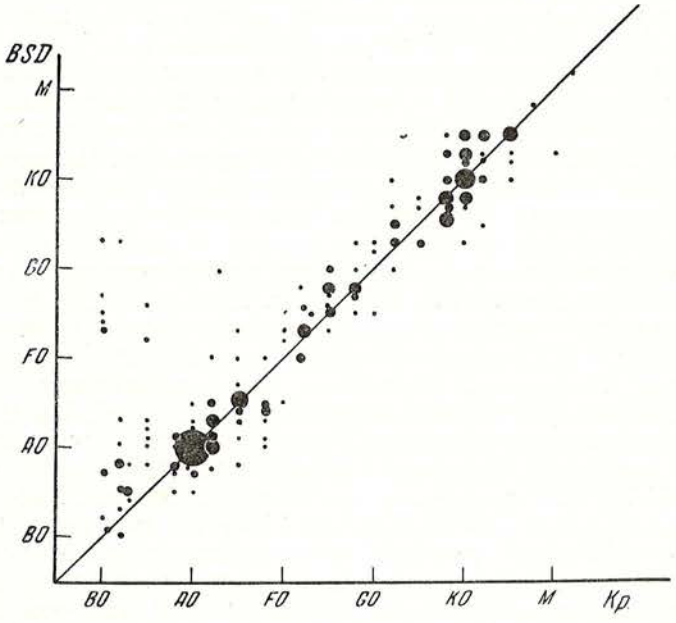
M. λ4227 очень интенсивна, на красном конце спектра видны полосы Ti0.

Различие гигантов и карликов на наших пластинках можно было установить только для звезд G5—K ярче 10.5 величины. Представляется также возможным выделить сверхгиганты типа F по линии Sr λ4077 и общему виду спектра. Основным критерием светимости звезд G5—K по нашим спектрам является интенсивность непрерывного спектра по обе стороны от λ4227. Непрерывный спектр гигантов в интервале λ4227—λ4144 слабее непрерывного спектра в интервале λ4227 — полоса G. Эта депрессия непрерывного спектра в области λ4227—λ4144 особенно резко бросается в глаза в гигантах G8 и K0. В карликах спектральных типов G5—K непрерывный спектр по обе стороны от λ4227

одинаков или немного слабее в области λ4227 — полоса G. Для спектрального класса K5 использован еще в качестве критерия участок



Фиг. 1. Сравнения между оценками спектров в Крымской обсерватории (Кр.) и Стокгольмской обсерватории (Ст.).



Фиг. 2. Сравнения между оценками спектров в Крымской обсерватории (Кр.) и Бергедорфской (BSD).

спектра около λ4400. Ряд близких линий, интенсивных в карликах этого спектрального класса, образует депрессию непрерывного спектра в этом участке. Судя по общим звездам в KSA19, наши определения гигантов и карликов согласуются с определениями Эльвиуса и часто не согласуются с BSD.

Сравнение наших оценок спектров с HD приведено ранее [1]. На фиг. 1 дано сравнение наших оценок спектров с определениями Эльвиуса в KSA19 [3]. Звезды B каталога Эльвиуса, не подразделенные им на подклассы, условно нанесены на график как B5. Несмотря на различную методику классификации, результаты представляются удовлетворительными.

На фиг. 2 представлено сравнение нашей классификации с каталогом BSD также в KSA19. В сравнение вошли только звезды, имеющие номер в каталоге BD. Как уже отмечалось ранее, имеется особенно значительное расхождение между двумя классификациями звезд B [1]. Для нескольких звезд обнаружены очень большие расхождения. Эти звезды не нанесены на график, так как причину расхождения можно приписать только опечатке или ошибке при отождествлении.

ОПРЕДЕЛЕНИЕ ФОТОГРАФИЧЕСКИХ ВЕЛИЧИН

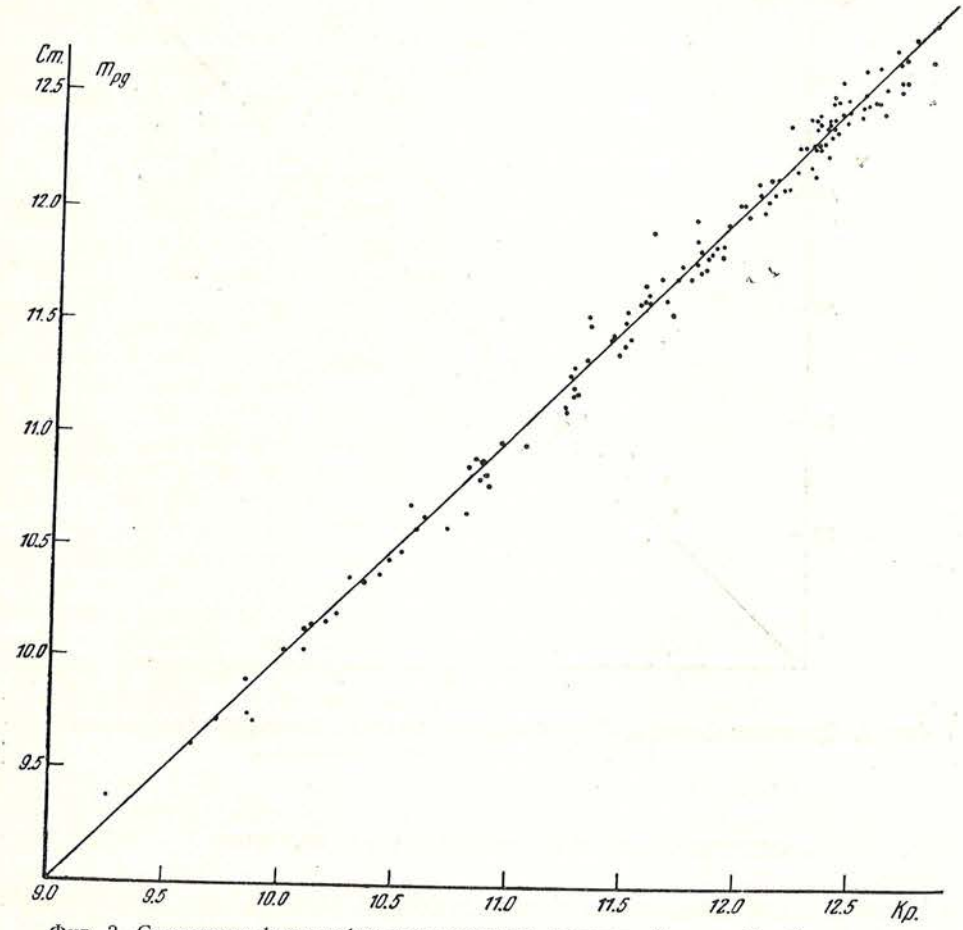
Негативы для определения фотографических величин получены на пластинках *Astro Platten* камерой Догмар (D=167 мм, F=750 мм), монтированной на двойном 400 мм астрографе. Масштаб пластинки 1 мм= =4′.6. Вся исследуемая область помещалась на пластинке (13×18).

Первоначально мы предполагали пользоваться Полярной последовательностью в качестве стандарта величин, поэтому все фотометрические пластинки исследуемой области были получены так, что середина экспозиции приходилась на момент, когда область находилась на зенитном расстоянии полюса. Полюс снимался на другой пластинке. Слабые звезды получались с экспозицией 30 мин. Яркие звезды фотографировались с короткими экспозициями (3—2 мин.) по два изображения на пластинке по схеме: площадка, полюс, площадка. Все пластинки получены в хорошем фокусе. Негативы измерялись на фотоэлектрическом микрофотометре (шнелльфотометре). В зависимости от размеров изображения звезд на негативе употреблялись три диафрагмы диаметром в 2 мм, 3 мм и 4 мм, что соответствует на негативе площадкам с диаметрами в 0.1 мм, 0.15 мм и 0.2 мм соответственно. Измерения велись таким образом, что показание гальванометра при измерении фона возле звезды поддерживалось постоянным при помощи небольших поворотов нейтрального фильтра.

Характеристическая кривая строилась непосредственно по показаниям гальванометра при наведении на звезду. При обработке пластинок мы могли принять за стандарт величин либо полярную последовательность, либо величины в KSA19, расположенной в центре исследуемой области, определенные Эльвиусом. Оказалось, что практически безразлично строить ли характеристическую кривую по звездам KSA19 или по звездам полярной последовательности, если пластинки были получены при хороших атмосферных условиях. При окончательной обработке мы пользовались KSA19 как стандартом для звезд слабее 9.5. Характеристическая кривая строилась по звездам A0—A5 с показателями цвета, близкими к нулю. Звезды поздних спектральных типов с показателями цвета $>0^m.6$ и больше несколько уклонились от этой кривой в зависимости от яркости и цвета в том смысле, что у нас они получаются систематически слабее. Величина отклонения звезд данной яркости и цвета зависит от экспозиции и до некоторой степени от качества изображений. Пользуясь указанной характеристической кривой, мы определили величины всех звезд. Далее, предполагая, что между нашей системой величин и международной существует линейная зависимость, мы представили разности величин звезд, для которых показатель цвета $>0^m.50$ линейными функциями блеска и показателей цвета в международной системе. Решив пятьдесят таких уравнений по способу наименьших

квадратов, мы определили в численном виде зависимость между двумя системами величин.

Для звезд в интервале величин 9.5—7.0 стандартом служила полярная последовательность по причине отсутствия ярких звезд в KSA19. Для приведения нашей системы величин в интервале 9.5—7.0 к международной мы дополнительно к полярной последовательности снимали стандартную область со скоплением IC 4665, для которой определены

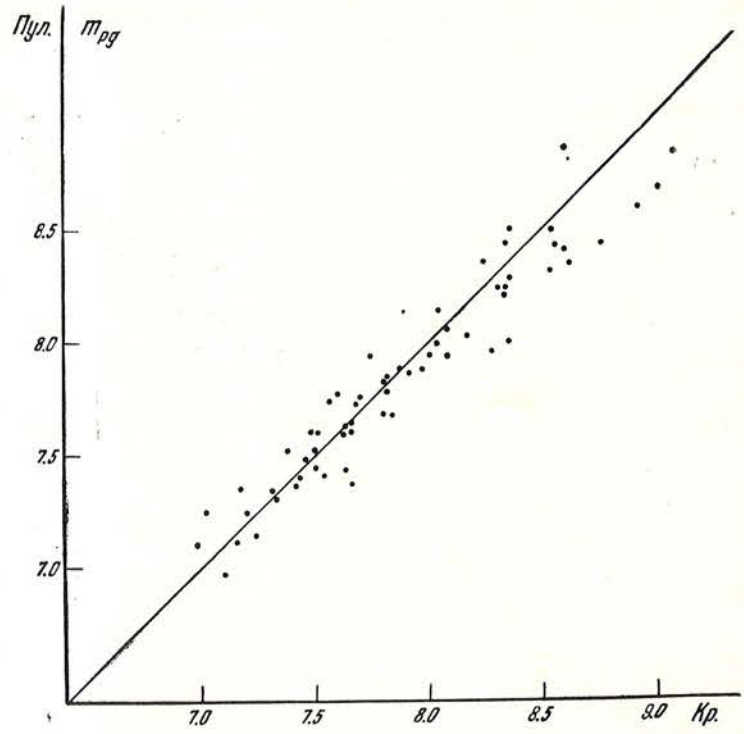


Фиг. 3. Сравнение фотографических величин каталога Крымской обсерватории с Стокгольмским каталогом (Эльвиус).

фотоэлектрические величины [4], а также скопление M39 с известными фотоэлектрическими величинами [5], [6]. Величины звезд, ярче 7, взяты из других каталогов [6], [7], и показатели цвета для них не определялись. Фотографические величины определены по трем пластинкам.

Средняя квадратичная ошибка наших определений получилась равной ± 0.03. Фотометрическая ошибка поля объектива Догмар оказалась в пределах точности измерений звездных величин. Дифференциальное ослабление земной атмосферой звезд в разных участках исследуемой области не учитывалось вследствие незначительной его величины: для самых крайних звезд области эта поправка не превосходит 0.038. На фиг. 3 представлено сравнение фотографических величин наших, приведенных к международной системе, и Эльвиуса. Согласие между ними

удовлетворительное. На фиг. 4 и 5 дано сравнение наших фотографических величин звезд в интервале 7.0—9.5 с фотографическими величинами Леман-Балановской [7] и Бергстранда [8]. Величины Леман-Балановской определены в Потсдамской системе, Бергстранда — в Гарвардской системе. На фиг. 5 особенно сильно отклоняются красные звезды.

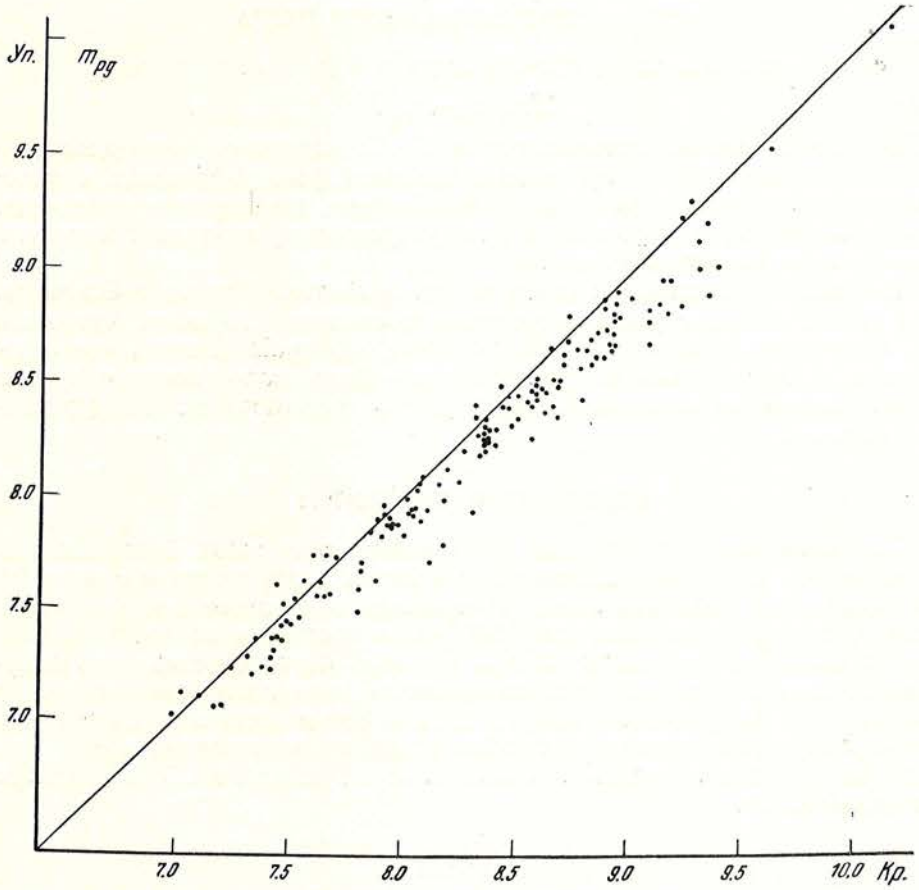


Фиг. 4. Сравнение фотографических величин каталога Крымской обсерватории и Пулковской (Леман-Балановская).

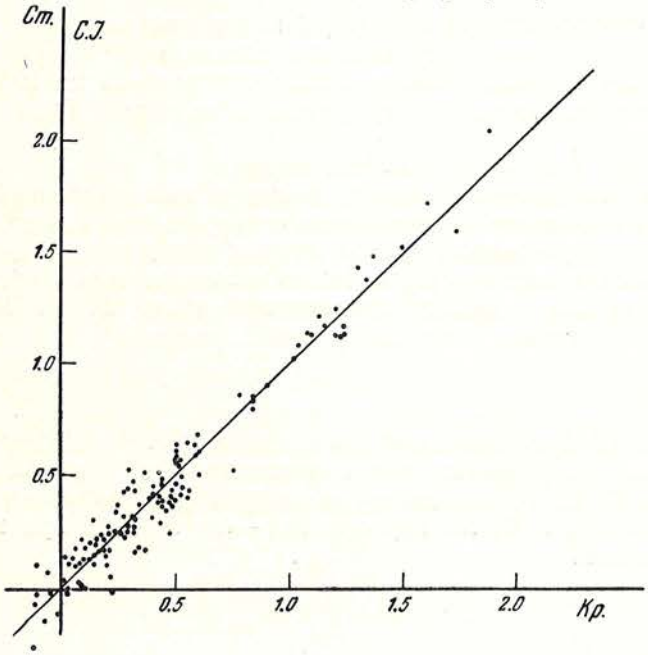
ОПРЕДЕЛЕНИЕ ФОТОВИЗУАЛЬНЫХ ВЕЛИЧИН

Негативы для определения фотовизуальных величин получены также камерой Догмар со стеклянным оранжевым фильтром марки ОС-12 на пластинках *Astro Platten panchromatisch.* Все наблюдения и обработка пластинок были совершенно такими же, как и в случае фотографических величин, за исключением того, что негативы для определения фотовизуальных величин получены с более длинными экспозициями: 1^h30^m, 15^m и 3^m. Кроме того, убедившись, что величины, определенные по трем пластинкам, хорошо согласуются между собой, мы ограничились двумя пластинками при определении величин около $^2/_3$ общего числа звезд. Средняя квадратичная ошибка при этом получилась равной $\pm 0^m.040$.

В случае фотовизуальных величин отклонение красных звезд от основной характеристической кривой, зависящее от цвета и очень незначительно от яркости звезды, имеет обратный знак, т. е. наши фотовизуальные величины получаются систематически ярче. Численное соотношение между ними и фотовизуальными величинами в международной системе было получено таким же путем, как и для фотографических величин.



Фиг. 5. Сравнение фотографических величин каталога Крымской обсерватории и обсерватории Уппсала (Бергстранд).



Фиг. 6. Сравнение между показателями цвета каталога Крымской обсерватории и Стокгольмского каталога (Эльвиус).

ОПРЕДЕЛЕНИЕ ПОКАЗАТЕЛЕЙ ЦВЕТА

Показатели цвета звезд $<0^m.50$ получены просто как разности

$$C.I.=m_{ph}-m_{pv}.$$

Показатели цвета, превосходящие $0^m.50$, получены последовательными приближениями в процессе приведения фотографических и фотовизуальных величин к международной системе, поскольку в уравнения, связывающие наши величины с международными, входили показатели цвета в международной системе.

На фиг. 6 представлена связь наших показателей цвета и Эльвиуса. Как видно, согласие удовлетворительное, свидетельствующее, что наши С.I. получились в международной системе; по крайней мере, это относится к С.I.$<1^m.5$. Очень красных звезд было мало, поэтому трудно судить, насколько показатели цвета $>1^m.5$ соответствуют международной системе.

ОПРЕДЕЛЕНИЕ КООРДИНАТ

Для определения координат и отождествления звезд были сделаны фотографические карты с масштабом: 1 мм на карте составляет около 1′. По нескольким десяткам звезд, имеющимся в каталоге Босса, и большому числу звезд из каталога AGK_2 была построена на карте координатная сетка, отнесенная к 1950 г. По этой карте определялись координаты звезд. Ошибка при определении координат заключается в пределах 1′; десятые доли минуты дуги и сотые доли минуты времени приводятся исключительно для облегчения отождествления звезд. Для этой же цели мы приводим все номера звезд каталога BD, имеющихся на нашей карте.

КАТАЛОГ

Звезды списка расположены в порядке возрастания прямого восхождения.

В первом столбце помещен текущий номер звезды.

Во втором столбце — номер звезды в каталоге BD.

В третьем и четвертом помещены координаты звезд на 1950 г.

В пятом столбце даны фотографические величины (m_{ph}) в международной системе.

В шестом столбце — спектральные классы.

В седьмом столбце — показатели цвета в международной системе.

Знак :, стоящий после величины или спектрального класса, означает, что определение неуверенное. В примечаниях для двойных звезд указан номер из каталога Айткена [9], а также отмечены переменные звезды, вошедшие в общий каталог переменных звезд Б. В. Кукаркина, П. П. Паренаго и во все шесть дополнений к каталогу.

Приношу глубокую благодарность академику Г. А. Шайну за многочисленные советы и указания при выполнении этой работы. Выражаю благодарность О. П. Голландскому за помощь при измерении негативов на микрофотометре и О. М. Герасимович — за помощь при подготовке рукописи к печати.

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
1		22 47.91	58 31.3	10.12	B0	0.35
2		47.91	58 27.2	11.12	B2	0.01
3		48.00	60 10.5	11.63	F	0.25
4	59°2578	48.03	60 25.5	10.98	F0	0.10
5		48.04	58 28.8	11.68	—	0.10
6		48.04	60 02.8	11.05	B8	—
7	58°2486	48.06	58 29.2	10.09	A0	—0.11
8		48.07	63 44.1	9.29	F8	0.37
9		48.11	58 23.8	11.12	B9	0.01
10		48.14	59 37.7	11.61	F8	0.26
11		48.19	60 08.7	11.73	A0	—0.01
12	58°2487	48.20	59 12.2	10.18	A5	0.34
13	61°2353	48.20	61 41.0	9.52	A0	0.25
14		48.21	58 31.3	10.75:	A0	—
15		48.27	64 53.8	11.9:	F0	—
16	62°2119	48.28	63 12.2	10.71	F2	0.51
17		48.30	58 58.4	11.36	G0	0.61:
18		48.30	58 40.9	11.98	F5	0.24
19	57°2625	48.31	58 23.8	10.02	cB0	0.14
20		48.32	61 24.9	11.49	F2	0.49
21		48.32	60 06.9	12.27	K0	1.02
22		48.36	61 37.1	11.84	A0	0.34
23	57°2626	48.37	58 27.8	8.95	A2	—0.09
24		48.39	60 37.3	12.31	G0	0.51
25		48.39	58 42.1	10.81	F5	0.13
26		48.40	58 01.4	11.64	F	0.32
27		48.41	60 11.6	11.71	—	0.65
28		48.43	61 06.1	12.5:	B8	—
29		48.46	63 31.1	12.30	B8	0.46
30	63°1891	48.47	63 56.2	10.94	F5	0.53
31		48.48	62 25.7	10.91	A0	0.13
32		48.49	58 27.1	11.99	G0	0.55
33		48.50	58 07.2	11.05	A2	—0.21
34		48.51	58 47.4	11.32	A5	—0.21
35		48.55	59 56.1	11.72	G0	0.52
36		48.60	59 29.3	10.38	G8	0.98
37		48.62	62 11.4	10.67	B8	0.12
38		48.63	60 20.3	12.03	A5	0.05
39	59°2579	48.64	60 01.5	10.32	B8	0.36
40		48.66	58 30.1	11.42	B0	0.36
41	59°2580	48.72	59 32.8	10.50:	A8	—
42		48.81	58 45.7	11.88	B0	0.55
43		48.82	58 29.2	10.96	F5	0.26
44	55°2581	48.85	59 43.2	11.03	A	0.35
45	59°2582	48.85	59 43.9	11.26	A	0.08

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
46		22 48.90	61 13.5	12.34	B8	0.57	
47		48.92	64 50.2	10.8:	F5	—	
48		48.92	59 10.2	11.20	A0	0.10	
49	63°1892	48.94	64 04.9	9.96	A0	0.21	
50	59°2583	48.95	59 44.2	10.38	gK0	1.21	
51	62°2120	48.98	63 21.0	11.72	G5	—	
52	63°1893	49.00	64 17.6	8.50	A0	—	
53	60°2445	49.00	60 57.4	11.24	F8	0.38	
54		49.00	60 07.8	10.90	A0	—	
55		49.04	59 06.6	10.58	F5	0.36	
56		49.05	58 07.6	12.10	A0	—0.10	
57	63°1894	49.09	64 05.1	9.64	F0	0.44	
58		49.13	58 43.6	11.96	—	0.47	
59		49.14	58 26.0	11.58	B5	0.02	
60	58°2489	49.14	58 45.6	10.86	F5	0.47:	
61	60°2446	49.15	61 09.7	11.16	M	1.82	
62	59°2584	49.17	60 15.2	10.87	K0	0.90	
63		49.21	60 55.1	11.62	—	0.04	
64		49.21	62 19.1	12.30	—	1.35	
65		49.21	61 50.2	12.29	G0	0.43	
66	60°2447	49.21	60 54.7	11.02	—	0.30	
67	58°2490	49.21	58 38.4	11.86	G5	0.96	
68	64°1719	49.21	64 38.2	10.91	G0	—	
69	60°2448	49.22	60 56.6	10.53	A0	—0.04	
70	61°2354	49.27	62 21.0	10.40	G2	1.03	
71		49.28	63 03.7	11.60	G0	0.56	
72		49.28	60 15.5	11.39	G0	0.52	
73		49.30	61 43.5	12.20	A0	0.50	
74	60°2449	49.30	61 00.2	11.5	B8	—	
75		49.31	59 29.1	12.05	F0	0.39	
76		49.31	59 20.3	11.92	A2	—0.03	
77		49.31	58 39.1	11.44	B0	—0.12	
78	64°1720	49.32	64 59.8	10.53	F8	—	
79	63°1895	49.35	64 01.9	11.31	G0	0.46	
80		49.38	62 17.0	12.59	—	0.61	
81	59°2585	49.40	60 19.8	11.05	G8	1.06	
82		49.40	60 14.6	11.72	G2	0.53	
83		49.40	60 03.0	12.28	G0	0.44	
84	60°2450	49.40	61 25.6	(6.24)	gG3	—	16317 AB
85		49.40	58 17.5	11.30	A0	—0.12	
86		49.41	59 42.9	11.15	A8	0.30	
87		49.41	61 37.5	12.27	G8	1.22	
88		49.41	60 47.6	11.76	G0	0.55	
89	58°2491	49.41	58 52.6	10.97	gG8	1.00	
90		49.43	58 09.7	12.58:	G	0.55:	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
91		22 49.46	58 01.7	10.85	B0	0.13
92		49.50	60 57.0	11.50	G5	0.86
93	62°2121	49.51	62 42.0	7.33	gG5	0.67
94		49.51	58 12.3	11.10	A2	0.03
95	58°2492	49.52	58 44.4	7.63	cB0e	0.44
96		49.53	61 42.6	12.54	G0	0.47
97		49.56	60 33.8	10.02	F8	0.48
98		49.60	61 30.7	11.98	A0	0.55
99	58°2493	49.61	58 36.4	9.27	F2	0.15
100		49.63	64 42.6	12.0	G2	—
101		49.66	62 33.0	12.46	G0	0.57
102		49.67	63 19.6	11.54	B8	0.50
103		49.67	60 53.1	11.66	—	1.01
104	63°1897	49.70	64 26.5	10.79	G0	—
105		49.71	61 22.0	12.51	G0:	0.84
106	63°1896	49.76	63 37.0	10.97	G8	0.82
107		49.79	59 47.6	12.08	F5	0.48
108	59°2586	49.80	59 31.0	9.39	A0	—0.13
109		49.81	62 08.3	11.39	B2	0.46
110		49.81	58 46.4	11.64	A5	0.32
111		49.90	62 43.5	11.29	F0	0.41
112		49.90	58 00.8	11.7	G	—
113		49.91	61 49.6	11.69	A0	0.46
114		49.97	64 06.0	10.96	G0	0.47
115		49.98	61 18.1	11.69	K0	1.16
116		49.99	60 49.2	11.56	F0	0.26
117	59°2587	50.00	60 08.0	10.38	A8	0.33
118		50.04	59 09.7	12.27	G0	0.55
119	62°2122	50.07	63 06.7	11.66	K5:	1.80
120	62°2123	50.10	62 31.3	10.50	F5	0.50
121	57°2632	50.13	58 25.6	10.12	G0	0.58
122	57°2630	50.14	58 08.0	10.76	dG5	0.51:
123		50.17	64 58.4	12.11	A2	—
124	57°2631	50.18	58 04.6	10.50	A0	—0.08
125		50.18	58 19.1	12.06:	G0	—
126		50.20	59 01.6	10.58	A0	—0.07
127	59°2588	50.24	60 10.5	10.62	G0	0.52
128		50.24	58 39.1	11.08	A8	0.26
129		50.28	60 01.1	12.08	G0	0.45
130		50.31	63 54.0	12.04	G2	0.58
131		50.31	61 45.0	11.66	A0	0.52
132		50.31	58 49.8	10.56	G0	0.47
133	57°2633	50.33	58 21.1	10.10	F0	0.50
134	60°2452	50.34	60 54.8	10.89	K2	1.30
135		50.41	58 10.6	11.34	F5	0.18

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
136		22 50.45	60 28.8	11.74	A3	—0.02	
137	58°2494	50.46	58 48.1	9.50	A0	—0.25:	
138	63°1898	50.47	63 42.1	11.18	G0	0.44	
139		50.47	60 54.2	11.77	B8	0.05	
140		50.47	58 43.2	11.55	G0	0.44	
141	58°2496	50.48	58 54.4	9.42:	A0	—	
142		50.49	58 39.8	11.50	G0	0.48	
143		50.51	61 55.8	11.40	G0	0.48	
144	61°2355	50.53	62 25.0	9.84	A0	0.33	
145	58°2495	50.53	59 00.5	10.27	gK2	1.20	
146		50.53	62 33.3	12.34	G2	0.53	
147	61°2356	50.54	62 09.9	8.31	O8	0.30	
148		50.55	62 56.9	11.60	G0	0.51	
149	61°2358	50.59	62 23.1	11.29	F	0.86	
150		50.59	62 11.0	11.75	—	0.66	
151	64°1723	50.60	64 54.7	10.28	K2:	—	
152	59°2589	50.60	60 15.6	10.85	G8	0.75	
153		50.60	59 12.5	11.96	F0	0.18	
154	61°2357	50.60	62 02.3	10.82	cB2	0.99	16347 A
155		50.60	58 57.1	11.84	A2	0.02	
156		50.67	63 42.1	11.41	A2	0.34	
157	58°2497	50.69	58 32.1	7.90	A0	—0.16	
158		50.71	61 21.0	11.64	B8	0.21	
159		50.71	58 22.3	11.43	F0	0.17	
160		50.72	59 03.5	12.35	F8	0.38	
161		50.74	59 13.8	11.82	F8	0.37	
162		50.79	60 27.5	12.31	G5	0.70	
163	58°2498	50.80	59 09.3	11.29	G0	0.50	16335
164		50.80	60 22.6	11.69	F0	0.12	
165	60°2453	50.80	60 39.2	7.90	A0	—	16334
166		50.81	62 14.7	12.22	G0	0.44	
167		50.81	58 12.2	11.50	B1	—0.24	
168	59°2590	50.82	60 26.3	11.07	A0	—0.01	
169	59°2591	50.83	60 10.2	10.19	A0	—0.01	
170	61°2359	50.90	62 21.0	10.56	gG8	1.08	
171		50.93	64 23.9	11.8:	G5:	—	
172	62°2124	50.93	62 56.7	10.44	F8	0.33	
173	62°2125	50.95	63 08.5	9.28	B3	0.38	
174		50.95	59 06.2	11.92	F5	0.48	
175	59°2593	50.97	60 28.5	10.80	gK0	1.08	
176	58°2499	50.98	59 28.7	9.83	gK0	1.09	
177	63°1899	51.00	63 56.5	10.57	G0	0.50	
178	59°2592	51.00	59 35.0	10.20	A0	—0.08	
179		51.00	60 29.6	11.93	F0	0.31	
180		51.00	60 55.8	12.01	B	0.95	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
181	59°2594	22 51.01	59 56.0	10.70	B8	0.50	
182		51.02	64 30.3	10.88	A2	—	
183		51.04	59 14.0	12.12	G5	0.59	
184		51.05	59 17.2	11.94	F5	0.58	
185	61°2360	51.07	62 25.2	10.90	G5	1.12	
186	59°2595	51.11	59 49.9	8.00	gK2	—	
187		51.15	59 38.3	11.68	A2	0.24	
188		51.18	61 33.6	12.0	A2	—	
189		51.19	59 16.9	11.34	A2	—0.06	
190		51.29	60 17.8	11.89	A8	0.31	
191	64°1725	51.30	64 39.4	10.65	A8	—	
192	64°1726	51.30	64 48.6	10.44	A0	—	
193	61°2361	51.30	61 52.4	9.61	B0	0.42	16341 A
194		51.32	63 25.6	11.49	A2	0.43	
195		51.37	61 01.6	11.02	A0	0.37	
196		51.38	60 15.2	12.37	G0	0.41	
197	61°2362	51.42	62 08.3	10.46	G2	0.56	
198	60°2454	51.42	60 42.4	11.03	G5	0.87	
199		51.44	60 15.2	11.92	A5	0.07	
200		51.44	58 29.8	12.06	G0	—	
201		51.47	63 15.4	12.67	—	0.58	
202		51.49	63 56.9	12.22	F0:	0.36	
203	61°2363	51.54	61 52.0	9.33	B0	0.38	16348 A
204		51.58	58 02.0	11.96	F2	0.17	
205	62°2126	51.59	63 10.3	10.79	G8	1.06	
206		51.59	58 29.1	11.86:	G2	—	
207		51.60	62 01.5	11.58	F8	0.53	
208		51.62	62 20.8	10.92	B0	0.50	
209		51.63	61 42.0	11.44	A2	0.40	
210	59°2596	51.69	59 51.5	10.69	F2	0.15	
211	60°2455	51.70	60 51.0	10.03	G5	0.72	
212		51.70	58 38.7	12.24	A0	0.30	
213	62°2127	51.77	63 08.3	10.70	B8	0.52	
214		51.78	59 06.1	11.03	A2	0.02	
215		51.80	58 36.4	11.44	A0	—0.07	
216	63°1900	51.85	64 07.4	10.37	M	1.54	16353 A
217	63°1901	51.85	64 10.0	9.24	G0	0.44	
218		51.87	62 55.1	10.50	A0	0.09	
219		51.87	58 08.8	11.74	A2	—0.02	
220		51.83	58 42.1	12.03	A0	0.09	
221	61°2364	51.90	62 19.5	9.33	B0	0.27	
222		51.92	61 01.8	12.10	A2	0.33	
223	58°2500	51.93	58 37.9	9.28	gK0	1.28	
224		51.93	58 00.0	9.93	A2	—	
225		51.97	59 56.1	11.25	A0	0.07	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
226		22 51.98	62 36.9	11.84	G8	0.99
227		52.00	58 24.2	12.16	B8	0.28
228	57°2636	52.01	58 00.3	12.30	A0	0.01
229		52.04	60 35.6	8.65	A3	0.07
230		52.07	63 16.5	12.34	A8	0.45
231	62°2128	52.07	63 03.0	10.55	A5	0.19
232	63°1902	52.08	64 23.2	11.19	K0	1.05
233	60°2457	52.09	61 13.5	9.92:	A0	0.62
234		52.11	62 51.4	12.47	A	0.33
235		52.13	63 48.2	12.06	A0	0.34
236		52.16	60 36.3	12.38	G0	0.54
237	64°1728	52.20	64 39.4	10.43	A0	—
238		52.20	59 01.5	11.87	A5	0.75
239		52.20	60 33.9	11.57	K0	1.03
240	59°2597	52.22	60 26.2	10.07	A3	0.09
241		52.22	58 13.6	10.60	A5	—
242		52.24	63 00.1	11.57	G0	0.55
243	63°1903	52.25	63 50.6	9.82	A8	0.23
244		52.27	63 32.7	11.84	A5	0.34
245	62°2129	52.29	63 16.6	11.41	G2	0.54
246	61°2365	52.30	62 23.5	9.34	B0	0.13
247		52.31	62 58.5	11.00	B8	0.22
248		52.31	64 38.8	11.74	G0	—
249		52.33	62 45.7	11.56	A5	0.52
250	58°2501	52.34	58 45.9	10.66	K0	0.96
251		52.36	58 42.5	11.71	G0	0.41
252		52.37	64 52.8	11.72:	A2	—
253		52.38	59 09.8	10.73	A2	—0.11
254		52.38	60 15.6	11.53	A8	0.17
255	59°2598	52.40	60 04.2	11.06	A3	0.11
256		52.41	60 16.5	11.31	A2	0.15
257		52.42	58 06.2	12.02	A0	0.21
258	63°1904	52.46	63 50.8	8.64	F8	0.31
259		52.49	63 16.7	11.48	F5	0.27
260	58°2502	52.51	58 54.8	10.19	F2	0.23
261		52.52	59 17.6	11.15	G2	0.42
262		52.54	64 01.3	11.44	G0	—
263		52.59	59 27.8	11.20	B8	0.15
264	61°2366	52.60	62 20.3	10.18	cB0	0.46
265		52.60	62 51.3	12.69	A	0.05
266		52.61	58 10.7	11.29	F8	0.33
267		52.61	58 41.0	11.63	F5	0.38
268		52.62	60 40.0	11.43	A5	0.12
269	59°2599	52.63	60 25.5	9.90	A2	0.06
270		52.64	62 42.0	11.96	G0	0.58

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
271	58°2503	22 52.66	58 58.2	10.21	A2	—0.01	
272		52.67	64 19.5	10.75	G0	—	
273		52.69	62 28.6	10.74	B8	0.10	
274		52.70	64 00.3	11.06	F0	—	
275		52.71	58 36.7	12.23	G8	1.30:	
276	57°2637	52.72	58 03.9	10.03	A0	0.15	
277	58°2504	52.72	59 29.3	10.68	G0	0.39	
278	58°2508	52.73	58 58.1	9.65	A0	0.09	16366 AB
279	57°2638	52.73	58 22.5	10.08	A0	0.04	
280	58°2506	52.80	59 21.6	10.54	gK0	1.40	
281	58°2505	52.80	59 00.7	9.02	A0	—0.18	
282		52.81	59 30.3	11.03	G0	0.47	
283	58°2507	52.83	59 02.0	10.66	A0	—	
284		52.83	62 57.0	12.32	G0:	0.40	
285		52.83	59 26.3	11.78	F	0.20	
286	57°2639	52.83	58 05.9	9.18	A2	0.03	16367 A
287	58°2509	52.84	58 57.9	10.78	A0	0.30	
288		52.85	58 40.9	12.09	G5	0.75	
289		52.89	58 14.5	10.94	A0	—0.02	
290		52.91	64 08.2	12.22	A	0.22:	
291	63°1905	52.91	64 04.5	10.54	A0	0.27	
292		52.95	59 11.7	11.54	G0	0.52	
293		52.99	63 49.5	12.52	A	0.10	
294		52.99	62 18.0	10.88	B0	0.58	
295	60°2458	53.00	61 21.0	8.68	A8	—0.09	
296	59°2600	53.01	59 32.8	11.24	G8	0.86	
297		53.07	64 48.4	11.24	G2	—	
298		53.07	62 33.1	12.26	B5	0.48	
299		53.10	58 31.6	12.11	G0	0.42	
300	61°2368	53.18	61 31.2	10.47	F8	0.37	
301	58°2510	53.19	59 01.8	10.57	gK0	1.55	
302		53.20	61 48.0	11.93	G0	0.45	
303	59°2601	53.20	59 50.5	10.50	A2	—0.12	
304	61°2367	53.21	61 45.0	10.62	A5	0.24	
305		53.21	58 03.7	12.36	A2	0.38	
306		53.22	61 37.1	12.07	F2	0.71	
307		53.24	63 31.0	12.76	A8	0.32:	
308		53.30	60 15.2	11.71	F	0.36	
309		53.30	62 24.9	10.96	A0	0.04	
310		53.30	62 03.6	11.97	F8	0.39	
311		53.30	58 25.4	12.52	F8	0.43	
312	57°2641	53.30	58 21.1	10.00	gG8	1.10	
313		53.30	58 50.2	11.10	A5	—0.08	
314	63°1906	53.33	64 19.0	10.88	B8	—	
315	62°2130	53.33	62 53.4	9.88	gK0	1.09	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
316		22 53.37	63 28.6	11.82	—	0.52
317		53.38	62 06.0	11.80	A0	0.17
318		53.48	61 58.2	11.93	K2	1.42
319		53.50	63 01.1	10.62	G0	0.49
320		53.50	58 51.1	11.58	A5	—0.04
321		53.51	64 22.5	10.42	A5	—
322		53.52	58 38.9	11.13	A2	—0.12
323		53.56	59 19.8	12.10	B8	0.17
324		53.56	61 18.7	11.53	A0	0.55
325		53.56	60 07.2	11.67	A5	0.11
326	61°2369	53.58	62 03.7	9.33	A0	0.03
327		53.58	62 24.7	12.03	A	0.28
328		53.58	60 15.9	11.45	F5	0.51
329		53.58	58 32.7	10.94	A0	—0.08
330		53.59	63 44.4	12.38	G0	0.42
331		53.61	59 13.0	12.12	B5	0.12
332	62°2131	53 62	63 02.2	10.30	A2	0.13
333		53 65	59 09.5	11.41	A2	0.06
334	62°2132	53.67	63 04.6	10.25	F8	0.34
335	61°2370	53.70	62 02.1	8.31	B0	0.21
336	57°2643	53.70	58 22.4	10.64	A5	0.22
337		53.70	58 04.5	12.05	G2	0.75
338		53.71	58 50.7	12.39	A8:	0.57:
339		53.73	59 43.8	11.67	B5:	0.48
340		53.76	63 12.4	10.88	A0	0.13
341		53.77	62 52.6	12.34	A2	0.35
342		53.80	61 12.1	12.22	A5	0.44
343		53.81	62 34.7	11.50	B0	0.57:
344		53.81	60 20.6	11.51	A5	0.11
345	59°2602	53.85	59 44.2	9.81	A0	0.11
346		53 88	64 54 0	12.20	A2	—
347	62°2133	53.88	62 33.6	10.68	A0	—0.11
348	62°2134	53.94	63 12.1	8.88	A0	—0.13
349		53.96	59 42.2	11.52	F2	0.50
350	62°2135	53.97	62 36.8	11.00	A2	0.20
351	60°2459	53.99	61 11.4	10.95	G8	1.05
352	61°2371	54.00	62 09.6	(8.13)	gK2	—
353		54.00	59 30.8	10.80	A2	—0.02
354		54.00	58 49·9	10.95	A2	0.03
355		54.06	59 41.3	9.9:	A5	—
356	59°2603	54.06	60 11.9	11.51	G8	0.84
357	59°2604	54.10	59 41.6	10.6	A8	—
358		54.10	60 40.0	11.61	F8	0.38
359		54.10	60 30.2	11.91	G0	0.59
360	58°2511	54.11	58 37.1	8.90	cB9	0.67

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
361		22 54.12	58 24.2	12.2	G8e	—	DY Cep.
362		54.12	64 42.2	12.32	G0	—	
363	60°2460	54.15	60 56.9	11.09	K2	1.16	
364		54.18	59 08.2	11.60	F2	0.30	
365	59°2605	54.19	60 26.0	10.53	gK0	0.92	
366		54.20	59 37.6	11.07	G0	0.40	
367		54.21	62 53.5	11.26	B8	0.34	
368		54.22	60 46.6	11.07	A2	0.12	
369	64°1731	54.23	64 53.2	11.53	G5	—	
370		54.30	64 51.1	11.66	G2	—	
371	64°1732	54.31	64 40.0	10.84	K2	—	
372	58°2514	54.36	58 48.5	8.45	A2	0.02	
373	58°2513	54.38	59 16.2	11.43	K2	1.45	
374		54.38	64 43.6	11.60	F0	—	
375		54.40	59 43.9	11.53	F5	—	
376		54.42	64 31.0	11.40:	G5	—	
377	64°1733	54.42	64 30.8	11.12	B8	—	
378		54.43	58 43.9	10.95	F2	0.27:	
379		54.45	63 39.9	12.40	G0	0.50	
380		54.46	58 15.3	12.44:	B	0.16	
381		54.46	58 35.0	12.13	K	1.30	
382		54.48	63 48.0	11.87	A5	0.49	
383		54.49	58 14.1	12.20	B8	0.12	
384	63°1907	54.50	64 11.8	9.78	B0	—	
385	62°2136	54.50	62 35.7	7.90	B0	0.27	16394 AB
386	62°2137	54.54	62 58.4	9.76	A2	0.20	
387		54.60	59 11.5	10.73	A2	—0.02	
388		54.60	59 21.3	11.64	F5	0.27	
389		54.61	62 41.9	11.40	A8	0.53	
390		54.67	64 56.2	11.10	K0	—	
391		54.70	64 45.4	11.34	F2	—	
392		54.70	64 22.3	11.63	F2	—	
393		54.70	59 09.5	11.80	F8	0.42	
394	58°2512	54.71	59 08.7	11.38	G8	0.80	
395	61°2372	54.72	62 21.1	9.22	B1	0.34	
396		54.73	58 17.9	12.03:	F	0.34:	
397		54.75	58 30.0	11.16	B0	0.36	
398		54.76	60 10.5	11.94	A8	0.26	
399	57°2649	54.77	58 03.0	10.30	F5	0.33	
400		54.78	59 00.0	11.48	A5	0.89	
401		54.78	59 21.3	12.12	G5	0.70	
402		54.79	61 51.1	11.91	G8	1.15	
403	59°2606	54.80	60 25.8	10.62	A5	0.17	
404		54.80	60 12.3	11.25	F0	0.16	
405	61°2373	54.80	62 27.3	7.98	O7	0.40	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
406	58°2516	22 54.81	58 41.6	8.67	A0	—0.19	
407		54.82	59 23.4	11.70	—	0.30	
408	57°2650	54.86	58 04.5	10.16	F5	0.37	
409		54.89	59 19.2	12.21	F5:	0.32	
410	58°2515	54.90	59 25.5	8.28	A0	—0.21	16396 A
411	59°2607	54.91	59 41.1	(6.83)	B8	—	
412		54.91	58 21.3	12.16	F0	0.42	
413		54.91	58 28.4	11.46	B0	0.40	
414	62°2138	54.91	63 03.2	11.28	A5	0.30	
415		54.93	64 59.8	12.15:	F2	—	
416		55.00	58 46.5	11.75	—	0.74	
417		55.01	58 49.4	12.02	—	0.14	
418	60°2461	55.02	60 39.7	10.82	F8	0.35	
419		55.02	59 41.7	9.7:	A2	—	
420		55.03	59 23.7	11.45	G0	0.45	
421		55.07	63 37.0	11.70	A0	0.46	
422		55.07	58 55.7	12.47	A5	0.21	
423	62°2139	55.10	62 45.4	9.00	G2	0.54	
424		55.11	58 29.3	10.76	A0	—0.17	
425		55.11	58 05.9	11.56	F8	0.37	
426		55.12	58 24.6	11.91	B8	—0.11	
427		55.15	64 38.0	11.44	A0	0.11	
428		55.17	61 46.1	11.14	F8	0.38	
429		55.17	62 43.7	11.30	A	0.28	
430		55.21	61 40.1	12.25	G	1.02	
431		55.23	64 30.1	11.9	K0	—	
432		55.23	62 25.5	11.95	F0	0.29	
433	63°1908	55.25	63 52.7	10.85	A2	—	
434		55.27	60 37.5	12.38	F	0.38	
435		55.28	59 35.1	12.02	F2	0.28	
436		55.29	59 30.2	11.94	G0	0.43	
437		55.29	58 24.9	11.09	F5	0.35	
438	62°2140	55.30	63 19.8	10.58	F5	0.17	
439		55.35	59 23.7	12.42	G0	0.56	
440	59°2608	55.36	60 28.7	10.63	A2	—0.07	
441	58°2517	55.37	58 36.3	9.05	A0	—0.15	
442		55.40	59 06.9	10.56	A2	—0.12	
443		55.40	62 57.7	11.98	F	0.38	
444	62°2141	55.40	62 59.4	10.98	A0	0.34	
445		55.41	59 34.8	12.28	F0	0.52	
446		55.43	58 04.0	11.37	G8	0.96	
447		55.45	59 54.1	11.04	A2	—	
448		55.46	63 46.4	11.10	A0	0.37	
449		55.47	62 31.6	11.79	A0	0.45	
450		55.47	63 10.3	11.33	A5	0.39	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
451		22 55.48	64 47.4	12.61	G0	—	
452	64°1736	55.50	64 43.5	10.63	A8	0.16	
453	58°2518	55.50	58 48.6	9.27	F2	0.38	
454		55.51	58 45.6	11.79	A5	0.43	
455		55.54	64 36.3	11.27	A0	0.07:	
456		55.55	59 24.0	12.70	A0	0.44	
457		55.58	59 11.6	11.30	A2	0.32	
458		55.59	62 08.4	12.58	—	0.49	
459	61°2374	55.59	62 05.1	8.76	A0	0.28	16404
460		55.60	64 14.6	11.41	A0	—	
461		55.60	61 34.5	12.08	G0	0.47	
462		55.60	62 16.5	12.41	F5	0.48	
463	60°2462	55.62	61 18.3	10.88	G8	0.93	
464		55.66	59 03.8	10.78	F8	0.18	
465		55.72	58 21.5	12.44	B5	—0.10	
466		55.73	59 21.5	11.26	F0	0.38	
467		55.75	60 08.6	11.92	G0	0.57	
468	59°2609	55.77	60 28.5	11.12	gK0	0.93	
469		55.80	62 09.4	12.43	A5	0.45	
470		55.80	60 09.1	12.07	F8	0.49	
471		55.81	58 31.7	12.67	G0:	0.41	
472	61°2375	55.92	61 54.2	9.99	F0	0.59	
473	59°2610	55.98	59 35.2	10.53	F5	0.29	
474		55.98	62 05.2	11.24	G2	0.56	
475	61°2376	55.99	61 48.3	11.69	K0	1.21	
476		56.00	61 21.9	12.15	G0	0.69	
477		56.00	60 15.3	12.62	F2	0.50	
478	59°2611	56.03	59 45.7	11.22	F5	0.28	
479	58°2519	56.03	59 00.7	10.13	gG2	1.05	
480	61°2377	56.04	62 09.7	10.38	A2	0.18	
481		56.04	58 35.3	11.35	B5	0.03	
482		56.07	63 00.6	11.74	G0	0.50	
483	57°2653	56.10	58 12.2	10.72	dG8	0.75	
484	62°2142	56.12	63 05.4	9.0	B8	—	
485		56.15	58 26.7	11.57	F5	0.35	
486		56.16	62 32.8	11.93	F8	0.49	
487		56.18	62 40.3	11.94	A5	0.56	
488		56.21	60 12.0	10.72	A0	—0.11	
489		56.25	60 07.2	12.17	—	0.54	
490		56.25	58 49.2	12.03	F0	0.18	
491		56.26	63 08.4	12.33	A0	0.56	
492	57°2655	56.26	58 14.9	10.38	F0	0.23	
493	62°2143	56.28	63 06.2	10.81	F5	0.23	
494		56.30	63 05.2	10.9:	B7	—	
495	57°2656	56.31	58 03.2	10.18	gK0	0.90	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
496	57°2658	22 56.32	58 05.4	10.22	A5	—	
497		56.34	58 24.2	11.32	B8	—0.12	
498	59°2612	56.35	60 07.5	10.80	A5	0.24	
499		56.36	63 40.5	12.25	G8	1.11	
500	64°1738	56.40	64 45.4	10.67	A0	—	
501		56.40	62 01.6	11.43	A2	0.22	
502		56.42	60 09.6	11.84	G0	0.45	
503		56.42	58 07.4	11.84	B2:	0.04	
504		56.43	59 30.7	11.20	F5	0.24	
505		56.43	61 09.1	12.18	c : F5	1.14	
506	60°2463	56.44	60 55.5	10.55	G0	0.57	16422
507		56.45	58 06.8	11.75	A5	—	
508	63°1909	56.47	63 38.9	11.90	K0	1.11	
509		56.47	62 40.1	12.35	A5	0.31	
510		56.50	61 24.1	12.43	G	1.06	
511		56.50	64 12.0	11.00	G2	0.60	
512		56.51	64 35.2	11.90	A	—	
513	59°2614	56.51	59 45.7	9.20	F8	0.44	
514		56.53	60 04.5	12.28	—	0.42	
515		56.53	59 17.0	12.07	F5:	0.33	
516	59°2613	56.57	60 03.3	9.97	A0	0.03	
517		56.59	63 15.7	12.20	F2	0.52	
518		56.60	59 11.0	12.19	F	0.45	
519		56.60	58 05.2	11.67	A2	—0.09	
520	62°2147	56.64	62 48.3	7.53	B0	0.26	
521		56.62	63 39.2	12.38	F	0.57	
522	62°2145	56.68	63 04.4	11.57	G8	1.17	
523	62°2146	56.68	63 26.1	7.48	B0	0.24	
524		56.68	62 44.6	11.64	—	0.36	
525		56.68	60 42.2	11.30	A5	0.10	
526	62°2144	56.68	63 00.6	11.26	F5	0.56	
527	63°1910	56.70	64 03.7	11.00	A0	—	
528	64°1739	56.72	64 37.8	10.27	A0	—	16429
529	62°2148	56.72	62 54.2	9.32	A0	—0.06	
530		56.75	63 25.2	11.20	A2	0.22	
531		56.76	58 28.5	12.18	G0	0.51	
532		56.77	63 01.6	11.63	G8	1.13	
533		56.78	58 29.2	12.04	F8	0.34:	
534		56.81	58 37.9	11.47	F0	0.18	
535		56.81	60 03.6	11.52	F5	0.36	
536		56.82	62 48.4	11.29	G8	0.92	
537		56.83	63 28.5	11.35	A2	0.06	
538		56.85	62 24.0	11.05	F5	0.47	
539		56.86	64 39.0	12.42	A0	—	
540	57°2660	56.87	58 18.2	8.38	A0	—0.22	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
541		22 56.88	64 32.6	11.98	F0	—
542	61°2378	56.92	61 34.7	11.36	G8	1.22
543	60°2464	56.93	60 58.8	10.36	G2	0.53
544		56.94	60 29.4	11.75	A5	0.19
545	61°2379	57.00	62 24.1	10.95	dK0	1.23
546		57.00	60 30.9	11.99	F5	0.51
547		57.00	61 32.8	12.51	F5	0.48
548		57.02	59 02.8	11.56	B5	0.22
549		57.02	59 52.0	12.26	B5	0.30
550		57.02	57 59.2	10.91	G0	0.50
551		57.06	58 45.4	11.40	A5	—
552		57.08	63 14.3	12.65	G0	0.70
553	59°2615	57.09	59 32.5	(6.14)	B9	—
554		57.09	62 43.3	12.19	G5	1.19
555		57.10	58 14.0	12.18	A0	—0.02
556		57.10	58 25.8	12.20	A2	0.11
557		57.10	58 23.6	11.32	A2	0.20
558		57.12	58 28.7	11.45	B0	0.11
559	62°2149	57.13	63 19.1	10.88	F2	0.52
560		57.16	60 30.6	12.63	G	0.70
561		57.17	60 05.2	12.74	F	0.49
562		57.19	62 01.1	12.76	F	0.53
563		57.19	58 42.8	12.33	G0	0.59
564		57.21	59 12.1	11.75	B8	0.13
565		57.21	59 34.3	12.29	B8	0.16
566		57.21	61 01.4	12.52	G2	0.60
567	62°2151	57.22	62 32.6	10.00	A0	0.12
568	59°2616	57.23	59 52.9	9.96	A0	0.53
569	62°2150	57.25	62 35.5	10.11	B5	0.33
570		57.32	64 49.3	10.98	F8	—
571		57.35	62 33.6	10.29	G0	0.51
572	61°2380	57.37	61 42.0	9.15	A0	0.04
573		57.37	60 27.0	11.85	G0	0.53
574		57.39	62 23.6	11.82	A2	0.40
575		57.39	60 04.2	12.13	G2	0.57
576	60°2465	57.45	60 52.4	9.29	B8	0.04
577		57.46	64 51.1	11.62	A0	—
578		57.47	61 54.8	11.32	G0	0.50
579		57.50	61 30.1	12.36	G0	0.52
580		57.50	58 04.2	11.95	F0	0.13
581		57.52	62 25.2	12.10	A0	0.29
582		57.59	62 37.0	12.01	A0	0.64
583	59°2617	57.60	60 06.3	9.59	A0	—0.11
584		57.62	60 44.6	12.37	G0	0.60
585		57.62	61 07.2	12.52	A0	0.19

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
586		22 57.63	64 52.8	11.05	A0	—
587		57.64	63 46.4	11.74	G0	0.54
588	57°2662	57.64	58 25.8	10.02	A3	0.07
589		57.67	59 04.1	11.86	G5	1.07
590	63°1911	57.69	63 31.6	11.16	A0	0.46
591	62°2152	57.70	62 30.5	9.26	B2	0.26
592	64°1740	57.71	64 56.5	10.68	B8	—
593		57.72	58 49.8	11.95	G	1.03
594		57.76	60 45.3	12.06	G2	0.58
595		57.77	60 56.7	11.81	F0	0.98
596		57.78	59 49.5	12.19	G8	1.12
597		57.83	62 43.8	10.84	A2	0.10
598		57.83	58 37.8	11.64	G8	1.16
599	62°2153	57.88	63 26.2	10.15	A2	0.01
600	60°2466	57.89	61 14.6	10.88	G8	1.09
601		57.92	58 14.6	11.55	B0	—0.18
602		57.95	59 05.0	10.93	G5	0.83
603		57.98	59 07.0	12.12	—	0.52:
604		57.98	61 33.0	11.42	G0	0.43
605		57.98	58 00.0	11.44	F2	0.22
606		58.00	63 49.1	12.38	G2	0.80
607		58.00	62 05.9	12.79	F	0.74
608		58.00	62 46.7	12.27	G2:	0.52
609	58°2520p	58.00	59 03.4	10.77	B2	0.08
610		58.04	60 39.8	11.68	OW	0.93
611	57°2665	58.07	58 04.3	10.59	A0	—0.05
612		58.08	62 19.2	11.98	F0	0.56
613		58.10	61 05.3	11.86	A8	0.31
614		58.10	61 52.5	12.21	F8	0.42
615	58°2520	58.10	59 03.7	11.27	B2	0.36
616		58.13	58 58.6	11.20	G5	0.79
617	58°2521	58.14	59 21.4	9.40	B0	0.62
618		58.18	59 51.9	11.51	F2	0.32
619		58.20	60 11.4	12.16	G8	1.19
620		58.20	58 27.7	11.76	A0	0.06
621	58°2522	58.21	59 11.1	9.05	G8	0.68
622		58.22	58 03.7	11.51	G8	1.34
623	63°1912	58.23	63 52.3	11.00	A0	—
624		58.24	60 01.9	12.70	G	0.68
625	58°2523	58.24	58 48.0	10.01	—	1.30
626	57°2664	58.24	58 13.0	9.21	A0	—0.19
627		58.26	58 13.1	11.84	B5	0.01:
628	58°2524	58.27	58 33.6	10.19	A2	—0.04
629	60°2467	58.34	60 42.1	11.01	K0	1.22
630		58.34	58 40.7	12.61	A	0.15

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
631		22 58.35	60 58.6	12.14:	A	0.29
632	63°1913	58.36	63 58.3	10.84	A2	0.45
633	60°2468	58.36	60 37.3	9.57	A2	0.05
634		58.37	62 13.9	12.09	G2	0.57
635		58.39	62 16.7	12.12	A5	0.33
636		58.39	61 36.3	12.08	G2	0.64
637		58.40	59 33.7	11.14	F8	0.39
638		58.40	61 26.4	10.89	F5	0.46
639		58.44	60 17.4	12.86	G	0.90
640		58.50	58 23.1	11.81	F2	0.51
641		58.55	60 09.0	12.10	G5	0.83
642		58.57	58 40.8	11.23	B0	0.29
643		58.57	58 16.8	12.01	A0	—0.04
644		58.57	58 33.6	11.34	A2	0.28
645	62°2154	58.58	63 14.8	9.63	B7	0.29
646		58.58	59 09.9	10.56	B3	0.12
647		58.59	62 54.2	12.37	G0	0.52
648		58.62	60 20.0	11.42	B	0.46
649		58.62	62 34.3	12.31	B0	0.41
650		58.64	63 08.9	12.07	G2:	0.56
651		58.67	59 44.2	11.16	A5	0.30
652		58.70	60 42.8	11.99	G2	0.53
653		58.72	60 03.0	12.05	F5	0.38
654		58.72	59 21.1	12.39	G2	0.90
655		58.72	58 52.4	11.09	A2	—0.13
656		58.73	58 07.8	11.91	F8	0.31
657		58.76	61 03.1	11.43	B8	0.43
658		58.77	58 07.0	11.55	G5	1.15
659		58.78	63 28.5	12.35	A0	—0.21:
660		58.79	62 30.4	11.47	A0	0.34
661	59°2618	58.80	59 56.3	8.93	A2	—0.07
662		58.80	59 26.2	12.03	G0	0.47
663		58.84	62 51.1	12.17	G0	0.57
664	62°2155	58.88	62 36.8	10.32	B2	0.50
665	58°2525	58.89	59 24.3	9.84	A2	0.07
666		58.90	63 48.8	12.68	—	0.60
667		58.90	63 47.2	12.78	—	0.55
668	59°2621	58.90	60 29.7	11.00	F2	0.37
669	59°2619	58.91	59 51.0	11.00	B8	0.03
670		58.91	58 37.7	12.22	G8	1.22
671		58.92	63 07.9	12.28	A8	0.38
672		58.92	61 55.5	11.59	G0	0.37
673		58.92	58 49.8	12.36	F0	—
674		58.93	62 59.5	12.46	F5	0.58
675		58.94	60 46.0	12.00	K0	1.25

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
676		22 58.94	58 41.8	11.40	A2	—	
677	59°2620	58.95	60 01.8	10.48	A0	—0.03	
678	57°2666	58.97	58 10.7	10.39	A2	—0.09	
679		59.00	59 35.2	12.13	A2	0.23	
680		59.00	60.01.3	11.82	B0	0.28	
681		59.03	61 05.8	11.58	F5	0.38	
682	63°1934	59.06	64 07.8	10.91	G8	1.00	
683	58°2526	59.07	59 12.4	8.67	A0	—0.36	
684		59.07	59 21.7	11.95	F5	0.35	
685		59.08	59 40.4	11.83	B0	0.60	
686	58°2527	59.09	58 54.5	10.10	A0	0.18	
687		59.10	58 04.8	11.51	A0	—0.03	
688		59.12	62 46.2	11.45	A0	0.27	
689	64°1749	59.15	64 51.7	10.65	F5	—	
690	62°2156	59.19	62 40.4	8.27	B2	0.20	
691		59.20	62 18.0	12.55	B:	0.79	
692	59°2622	59.22	60 27.0	10.74	A5	—	
693		59.23	59 55.0	11.01	B8	0.17	
694		59.24	58 58.6	11.19	A5	0.23	
695		59.25	63 06.2	12.26	B5	0.50	
696	61°2381	59.27	61 47.9	10.61	K0	1.15	
697		59.29	63 35.5	11.14	G5	0.50	
698		59.30	62 56.9	11.63	G8	1.01	
699		59.32	64 21.7	12.20	F8	—	
700		59.32	59 32.6	12.20	A2	0.16	
701		59.33	62 26.2	12.04	F2	0.40	
702		59.34	60 14.2	12.34	B8	0.36	
703		59.37	58 02.0	11.34	—	0.17	
704		59.37	62 32.8	12.08	B0	0.57	
705		59.38	61 26.7	12.55	B8	0.45	
706	57°2668	59.38	57 59.6	8.08	B8	—0.02	
707		39.38	60 29.7	11.64	G0	0.50	
708	59°2623	59.40	60 09.3	10.01	F0	0.25	
709		59.41	61 21.3	12.25	B8	0.29	
710	60°2469	59.41	61 17.7	10.10	M0	1.48	
711		59.42	59 39.0	11.85	F0	0.37	
712		59.43	59 28.0	11.90	G0	0.62	
713		59.43	62 55.4	11.68	G2	0.59	
714		59.44	58 38.8	12.08	A2	—0.02	
715	61°2382	59.45	61 49.1	9.72	A0	0.09	
716	59°2624	59.45	60 25.2	9.40	A2	0.13	16452AB
717		59.45	62 02.1	10.98	F5	0.34	
718		59.47	58 54.2	11.83	F5	0.35	
719	58°2528	59.50	59 01.2	10.68	F5	0.14	
720		59.50	58 26.0	11.47	G5	0.91	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
721		22 59.53	58 27.7	11.12	B5	—0.30	
722		59.54	58 22.2	10.75	F5	0.37	
723		59.54	59 08.9	11.65	A0	—	
724		59.55	63 37.0	12.72	—	0.77	
725		59.56	60 41.8	11.23	A2	0.15	
726	62°2157	59.58	63 01.5	8.54	gK3	1.46	
727		59.59	59 04·0	11.76	A0	—0.06	
728	59°2625	59.60	59 55.5	8.62	gK2	1.26	
729	58°2529	59.60	59 11.7	10.46	A0	—0.17	
730		59.63	63 58.7	11.60	B8	0.40	
731	59°2626	59.66	60 14.5	9.59	F0	0.25	
732	60°2470	59.66	60 58.2	10.03	A2	—0.05	
733		59 67	58 31.8	11.44	B8	—0.18:	
734		59.68	58 46.2	12.18:	G2	—	
735		59.68	63 17.0	11.38	F0	0.24	
736	60°2471	59.69	60 47.2	10.35	A2	—0.02	
737		59.70	58 36.5	12.38	F2	0.48	
738		59.71	61 24.8	12·13	G0	0.59	
739		59.72	58 02.2	12.00:	G0:	—	
740		59.76	59 31.7	11.29	A8	0.14	
741	57°2671	59.77	58 07.3	10.52	gG8	0.90	
742		59.77	58 23.0	10.72	A2	—0.25	
743		59.79	62 27.0	11.97	G0	0.49	
744		59.80	60 54.5	12.37	G2:	0.57	
745		59.80	61 25.9	10.89	A0	—0.01	
746		59.80	59 37.3	11.81	F0	0.23	
747		59.80	60 40.6	11.70	B5	0.40	
748		59.80	59 47.3	11.49	B8	—0.13	
749		59.85	58 16.9	11.16	B8	—0.14:	
750		59.88	63 20.8	11.17	F0	0.39	
751		59.88	60 07.2	12.45	B8	0.27	
752		59.90	59 12.8	11.57	F5	0.35	
753		59.95	64 42.6	11.05	F5	—	
754	63°1915	59.99	63 31.8	9.33	A0	0.03	
755	61°2383	59.98	62 16.5	10.94	G0	0.46	
756		23 00.00	62 49.4	11.64	G8	1.04	
757		00.00	59 03.7	10.98	F2	0.19	
758		00.00	60 37.5	11.58	B7	0.12	
759	59°2627	00 04	59 33.4	12.00	—	—	
760		00.05	58 36.8	11.80	B8	0.03	
761		00.05	62 53.7	11.28	A8	0.23	
762		00.06	60 47.0	12.34	F0	0.30	
763	58°2530	00.08	59 17.7	10.22	A0	—0.06	
764	61°2384	00.08	62 14.7	8.32	F0	0.34	16466A
765	63°1916	00.09	63 31.6	11.02	K2	1.40	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
766		23 00.10	58 00.1	10.35	gK5	1.40
767		00.11	64 46.6	12.16	G5	0.83
768		00.11	62 44.7	11.01	B8	0.33
769	59°2628	00.12	59 41.8	10.57	K0	1.20
770		00.14	60 18.7	10.73	B8	0.10
771	62°2158	00.18	62 33.4	10.15	A0	0.03
772		00.18	64 21.5	12.64	G	1.08
773		00.19	59 50.9	10.56	A0	—0.18
774		00.20	60 30.3	12.16	F5	0.28
775		00.20	59 21.0	11.90	—	1.33
776		00.20	58 09.0	10.90:	F2	—
777		00.23	58 42.8	10.98	A2	—0.02
778		00.23	62 19.8	12.49	F	0.57
779		00.28	63 44.8	11.24	A2	0.46
780	59°2629	00.30	59 35.2	(6.8)	B3	var.
781		00.30	59 06.9	11.88	A2	—0.14
782		00.30	60 16.2	12.15	A5	0.04
783		00.31	58 24.7	11.63	K2	1.37
784		00.32	64 54.5	12.26	G5	—
785		00.32	58 27.9	12.05	A8	0.13
786		00.32	59 13.2	11.06	K	1.28
787		00.33	61 54.1	11.47	F2	0.43:
788		00.35	59 39.2	12.10	—	1.27
789	63°1917	00.35	63 56.5	8.60	G2	0.58
790		00.38	62 46.5	11.79	A	0.22
791		00.39	58 00.7	11.45	F5	0.38
792		00.40	63 09.0	12.50	A	0.12
793		00.40	59 48.2	11.63	A2	—
794		00.40	62 27.7	11.22	F5	0.38
795	62°2159	00.41	62 45.1	11.63	A	0.25
796	58°2531	00.41	59 11.9	10.10	A0	—0.21
797		00.42	59 36.8	12.02	G	1.03
798		00.42	60 36.9	12.23	F	0.47
799		00.49	62 04.3	12.42	G0:	0.57
800		00.51	61 42.0	12.13	F2	0.41
801		00.52	58 41.4	12.00	—	1.05
802		00.53	59 22.8	12.07	G	0.55
803		00.53	64 20.4	12.26	A	0.32
804	58°2533	00.58	59 20.8	7.54	A8	0.18
805	58°2532	00.58	58 36.5	9.38	gG8	0.70
806		00.58	62 53.1	11.58	G8	1.07
807		00.58	63 38.2	11.48	F2	0.11
808		00.59	61 59.4	11.21	F8	0.21
809		00.60	60 37.0	11.57	F5	0.32:
810		00.60	58 06.7	11.64	G8	0.88

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
811		23 00.62	63 20.3	11.08	A2	0.02
812	58°2534	00.64	59 17.9	9.0	K2	var.
813	62°2160	00.66	63 04.2	8.10	gK2	—
814		00.68	63 31.3	11.09	B5	0.30
815		00.68	60 46.8	12.84	F0	0.36
816	63°1918	00.71	63 51.4	10.26	F2	0.58
817		00.72	58 34.7	12.27	G0	0.51
818		00.73	59 19.4	11.35	B8	0.39
819		00.73	59 05.0	11.29	F8	0.49
820	63°1919	00.75	64 22.7	11.37	G8	1.05
821		00.75	58 20.5	11.82	F5	0,29
822		00.75	59 33.0	11.77	G8 :	1.00
823		00.76	59 04.8	12.23	A	—
824		00.80	62 25.4	11.48	F5	0.49
825		00.80	61 28.7	12.24	G2	0.72
826		00.80	58 46.4	10.66	B8	—0.16
827		00.82	62 47.9	12.71	A	0.40
828		00.83	59 01.5	12.12	F8	0.20
829		00.83	64 11.6	12.57	—	0.50
830		00.85	58 29.1	11.32	F5	0.26
831		00.85	58 24.5	11.63	G8	1.03
832		00.86	61 03.1	12.54	B8	0.67
833		00.87	60 30.1	11.45	F5	0.32
834	63°1920	00.87	63 57.9	8.92	A0	—0.17
835		00.88	64 28.6	11.90	A8	0.44
836		00.89	63 01.7	11.99	A0	0.34
837		00.90	58 03.7	11.03	G8	0.86
838		00.91	59 16.1	10.67	F5	0.27
839		00.92	60 11.2	11.48	A0	0.18
840	63°1921	00.95	64 19.9	11.21	A2	—0.05
841	62°2161	00.96	63 25.8	8.71	B0	0.41
842		00.97	59 20.6	11.26	F5	0.42
843		00.97	60 23.8	12.09	G5	0.64
844		00.98	58 41.5	11.96	F5	0.40
845		00.98	59 04.5	12.08	F8	0.60
846		00.98	64 39.3	11.51	F8	0,32
847	63°1922	00.98	63 56.8	10.70	M	1.60
848		23 01.00	58 29.2	11.07	A2	0.07
849		01.02	58 45.2	11.93	G8	1.28 :
850		01.02	63 45.1	11.88	G0	0.64
851		01.06	60 56.8	12.27	F8	0.43
852		01.08	63 30.1	10.70	F8	0.29
853		01.11	59 24.1	10.88	A0	0.10
854		01.12	58 53.5	11.14	A5	—0.11
855		01.15	58 49.7	11.17	A5	0.19

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
856		23 01.17	61 04.2	11.53	A2	0.45	
857		01.20	58 44.7	12.20	G8	1.18:	
858		01.20	61 48.0	12.81	G2:	0.86	
859		01.20	59 10.3	10.55	A0	—0.11	
860		01.20	62 36.0	11.16	F8	0.36	
861		01.20	58 51.2	12.00	—	0.54	
862		01.22	58 53.7	12.28	B	0.08	
863	59°2631	01.22	60 10.4	(6.35)	B3	—	16481A
864	59°2630	01.22	60 10.3	9.5:	B8	—	
865		01.22	59 12.6	11.81	—	0.17	
866		01.23	59 10.5	11.02	A2	0.04	
867	59°2632p	01.24	59 43.5	10.53	B5	—0.09	
868		01.24	62 39.7	11.79	G0	0.47	
869	60°2472	01.25	60 56.5	10.91	K0	1.15	
870		01.26	63 06.3	11.30	G8	1.00	
871		01.28	60 46.9	12.71	G0	0.55	
872	57°2676	01.30	58 17.7	7.40	G8	0.92	
873	61°2385	01.30	62 22.5	8.01	A0	—0.21	
874		01.32	64 59.0	12.30	G0:	—	
875	62°2162	01.36	63 16.8	8.72	B1	0.10	
876		01.38	61 30.1	11.86	K2	1.28	
877		01.41	59 08.9	11.77	B8	—0.09	
878		01.41	59 32.4	11.02	A2	—0.15	
879		01.41	59 50.9	12.25	G0:	0.48	
880		01.44	63 15.6	11.83	—	0.23	
881		01.44	60 21.1	11.04	F2	0.32	
882	60°2473	01.45	61 12.1	8.04	B8	—0.08	16485A
883		01.52	58 31.7	11.51	B	0.09	
884	58°2535	01.54	58 31.3	10.94	B5	0.11	
885		01.55	60 29.6	11.13	A0	0.24	
886	59°2632	01.55	59 44.0	11.10	G8	1.00	
887		01.57	62 51.6	11.83	A0	0.38	
888		01.58	60 02.8	12.10	B:	1.84	
889	57°2678	01.58	58 02.3	10.02	B0	0.14	
890		01.60	64 00.3	11.78	G2	—	
891	63°1923	01.60	64 29.2	8.88	A2	0.04	
892	59°2633	01.60	59 33.6	10.88	G2	0.90	
893		01.60	59 06.1	12.17	—	0.09	
894	58°2536	01.61	59 26.8	10.13	B8	0.03	
895		01.62	59 07.9	12.10	A	0.36	
896	57°2679	01.64	58 22.8	10.08	A0	—0.07	
897		01.66	59 28.4	11.13	B8	—0.01	
898		01.69	64 39.0	11.27	A2	—0.07	
899		01.69	59 09.0	11.80	F8	—	
900		01.71	61 17.9	12.27	G5	0.88	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
901		23 01.73	64 28.0	12.02	G2	—	
902		01.73	63 21.4	11.45	A0	0.02	
903	59°2634	01.74	59 54.0	11.50	G8	1.06	
904		01.78	58 56.6	11.07	F5	0.27	
905	60°2474	01.79	60 35.5	8.93	A0	—0.11	16488
906		01.81	62 13.5	11.80	G5	0.55	
907		01.82	64 11.5	12.20	G0	—	
908	59°2635	01.85	59 49.4	9.38	A0	0.07	
909		01.87	63 03.3	11.69	B8	0.21	
910		01.87	63 12.0	10.91	B8	0.29	
911		01.87	63 19.5	12.15	—	0.21	
912		01.88	60 30.9	11.91	G0	0.53	
913		01.90	64 19.4	11.38	A2	0.33	
914		01.91	62 07.5	12.27	K2 :	1.48	
915		01.93	64 58.2	11.87	A0	0.00	
916		01.93	61 16.9	12.08	A2	0.28	
917	58°2537	01.99	59 12.0	10.57	F5	0.21	
918	63°1924	02.00	63 59.9	11.02	gK2	1.17	
919		02.00	58 00.4	10.61	A0	—0.07	
920		02.00	60 35.0	10.48	A2	—0.03	
921		02.01	58 25.5	11.92	A2	—0.07	
922		02.02	61 40.1	12.21	F0	0.49	
923	62°2163	02.04	63 07.7	(7.6)	B3	—	CW Cep
924	59°2636	02.06	59 49.5	9.82	A0	0.02	
925		02.08	63 01.4	12.07	G0	0.47	
926	59°2637	02.08	60 14.2	8.72	A0	—0.15	
927		02.09	58 19.7	12.18	G5	1.00	
928		02.10	62 24.9	12.00	G0	0.52	
929	58°2540	02.10	59 27.8	8.87	A2	0.13	
930	58°2539	02.11	59 25.2	10.72	F5	0.24	
931		02.12	58 18.8	11.37	F8	—	
932		02.12	59 06.0	12.10	A	—0.07	
933		02.12	58 54.7	10.24	A0	0.07	
934		02.15	62 18.0	12.12	G0	0.57	
935	58°2538	02.16	59 12.0	10.22 :	B8	—0.22 :	
936		02.17	61 52.8	12.42	—	0.33	
937	57°2682	02.18	58 26.3	10.11	B8	—0.05	
938		02.19	59 51.5	12.35	A	0.27	
939	61°2386	02.20	62 22.5	10.36	F0	0.15	
940		02.20	62 02.8	12.59	A	0.54	
941		02.21	59 37.5	12.30	F8	0.39	
942	64°1748	02.21	64 56.0	9.60	A0	—	
943		02.22	58 29.5	11.78	F5 :	0.37	
944	57°2683	02.25	58 14.9	9.97	A0	—0.13	
945		02.26	60 48.4	12.20	B5 :	0.16	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
946		23 02.27	62 06.4	11.50	G0	0.45	
947		02.28	63 01.3	10.89	B8	0.29	
948		02.28	59 45.2	12.19	B8	0.18	
949		02.28	58 28.1	12.23	F5	0.33	
950		02.28	59 29.3	12.00	G8 :	1.13	
951		02.29	62 07.2	11.85	G0	0.56	
952		02.31	58 15.5	11.80 :	—	—0.05	
953		02.33	60 41.7	11.52	F2	0.22	
954		02.35	60 56.7	12.48	F8	0.58	
955		02.36	59 34.5	12.07	A5	0.07	
956		02.37	58 15.0	11.37	A5	0.05	
957		02.38	59 04.5	12.17	B	0.09	
958		02.38	58 28.3	12.12	A8	0.04	
959		02.39	61 38.2	11.30	F0	0.17	
960		02.39	59 30.0	11.61 :	A5 :	—	
961		02.39	58 06.6	12.04	A3	0.08	
962	59°2638	02.39	60 06.1	10.35	G2	0.57	16494
963		02.41	63 48.4	12.68	G	1.01	
964		02.46	58 24.8	11.19	B0	0.37	
965		02.46	59 06.5	10.55	B5	—0.13	
966	61°2387	02.46	62 22.2	10.01	G8	0.81	
967	62°2165	02.48	62 58.3	7.67	gG8	0.86	
968		02.49	62 55.1	11.98	—	0.08	
969		02.51	64 27.3	12.23	G0	0.51	
970	62°2164	02.51	62 43.4	11.90	G8	1.18	
971		02.55	60 23.4	11.62	F8	0.37	
972		02.56	64 03.1	11.45	F0	0.41	
973		02.61	59 17.5	12.31	F5	0.45	
974		02.62	59 25.7	11.21	A0	0.07	
975		02.64	61 22.6	12.51	G2	0.62	
976	57°2684	02.65	58 28.0	8.09	A0	—0.14	
977		02.66	64 29.7	12.10	F0	0.32	
978		02.67	63 35.9	12.10	F2	0.29	
979		02.68	60 26.8	12.19	G0	0.44	
980	58°2541	02.68	58 36.3	11.43	G	0.75	
981		02.69	63 48.2	12.04	A	0.20	
982		02.70	59 07.4	12.67	G	0.51	
983		02.75	58 56.4	11.51	G5	0.77	C R Cas
984	62°2166	02.76	63 05.0	9.49	B2	—	
985		02.78	58 08.8	11.66	B8	0.04	
986		02.79	59 18.0	11.7	—	—	
987		02.79	61 07.5	12.86	A	0.53	
988		02.79	61 54.3	11.93	A2	0.14	
989		02.80	59 58.6	12.06	F5	0.42	
990		02.80	60 26.2	11.95	F8	0.39	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
991		23 02.81	59 49.5	12.23	F	0.29	
992		02.81	58 41.8	11.15	F2	0.30	
993		02.82	60 34.2	12.60	G0:	0.44	
994		02.84	59 13.0	11.83	A	−0.01	
995	63°1925	02.84	63 49.2	7.81	F2	0.43	
996	60°2475	02.90	60 49.2	10.94	F5	0.31	
997		02.90	58 10.1	11.35	—	0.08	
998		02.91	59 51.2	11.10	F2	0.31	
999		02.91	64 13.5	11.86	F8	0.39	
1000		02.92	58 49.3	11.21	A2	0.08	
1001	57°2686	02.96	58 11.6	9.86	G8	0.91	
1002		02.97	58 29.9	10.54	A0	—0.10	
1003		02.97	59 12.8	11.27	F5	0.42	
1004		02.98	63 25.0	12.57	K	1.44	
1005		02.99	59 08.0	11.20	A0	—0.12	
1006	57°2688	03.00	58 28.0	8.10	gK0	1.20	
1007		03.00	61 07.6	12.73	G	1.25	
1008	57°2687	03.00	58 24.3	9.03	F5	0.36	
1009		03.01	61 47.5	12.39	B5:	0.43	
1010		03.01	59 05.3	11.20	A0	—0.12	
1011	64°1750	03.05	64 58.4	11.60	K	1.55	
1012		03.07	63 08.4	11.16	A0	0.00	
1013	63°1926	03.08	63 36.7	11.06	G2	0.54	
1014		03.09	61 25.3	11.67	F5	0.31	
1015		03.11	61 59.6	10.80	B0	0.51	
1016	60°2476	03.16	60 31.8	10.18	A0	−0.04	
1017		03.16	61 16.5	12.41	F0	0.48	
1018		03.17	63 07.6	11.90:	A0	—	
1019	58°2542	03.20	59 22.5	10.21	G8	0.85	
1020		03.20	60 21.1	12.10	B8	0.12	
1021		03.22	59 06.0	10.82	A5	0.00	
1022		03.22	61 53.4	12.36	G5	0.96	
1023	62°2167	03.26	63 07.5	9.11	A8	0.31	16504
1024	64°1751	03.30	64 51.5	9.54	A0	0.04	
1025	61°2388	03.30	62 05.2	8.09	A0	0.09	
1026		03.32	60 16.9	12.29	—	0.39	
1027		03.33	64 33.1	11.88	G5	0.83	
1028	59°2639	03.37	60 04.9	10.90	M	1.50	
1029	62°2169	03.38	63 27.3	8.94	A8	0.20:	
1030		03.38	58 06.9	10.59	A	—0.08	
1031	62°2168	03.38	62 37.5	10.28	A2	0.08	
1032		03.39	63 37.9	12.68	F8	0.48	
1033		03.40	58 09.5	10.87	A3	0.12	
1034		03.40	60 54.0	11.63	G2	0.65	
1035		03.42	63 19.6	12.44	A	0.48	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
1036		23 03.50	63 08.9	11.60	B8	0.32
1037		03.51	64 53.3	11.74	A0	—0.02
1038		03.52	58 24.9	10.71	A0	−0.09
1039	59°2640	03.53	59 37.8	10.48	F5	0.40
1040	57°2691	03.53	58 13.3	10.96	G8	1.25
1041		03.53	59 32.1	11.08	G8	0.94
1042		03.55	59 22.9	12.49	B8	0.31
1043	61°2389	03.55	62 25.5	10.15	A0	0.21
1044	63°1927	03.56	63 59.5	10.82	K2	1.34
1045		03.57	64 05.2	12.08	A2	0.16
1046	57°2690	03.58	58 07.0	10.46	A2	0.02
1047		03.59	58 42.5	12.10	G0	0.61
1048		03.59	61 26.4	11.06	G0	0.50
1049		03.61	60 37.5	11.74	B8	0.08
1050		03.61	62 24.4	11.20	G8	0.85
1051		03.64	60 49.6	11.70	K2	1.05
1052		03.67	60 21.3	11.22	B8	0.04
1053		03.68	59 33.8	12.09	B8	0.08
1054		03.68	59 07.7	12.11	A0	0.51
1055		03.69	63 40.4	12.52	G0:	0.42
1056		03.69	59 22.5	11.74	G8	0.95
1057		03.70	58 03.9	11.87	A0	0.02
1058		03.70	60 28.2	11.65	B8	0.09
1059		03.74	58 02.4	10.94	B8	0.10
1060		03.74	60 57.0	11.24	F5	0.34
1061		03.75	64 05.1	10.94	A8	0.37
1062	64°1752	03.75	64 31.5	10.40	gK0	1.10
1063		03.76	59 07.5	12.59	F5:	0.39:
1064		03.77	59 38.0	12.30	F	0.45
1065		03.77	59 02.1	10.86	A0	−0.13
1066		03.78	59 10.8	11.11	A0	0.39
1067		03.79	63 19.5	10.66	A0	0.02
1068		03.79	62 24.0	12.13	F8	0.51
1069		03.80	59 33.3	11.46	F8	0.54
1070		03.81	59 32.5	12.06	—	0.54
1071		03.82	58 06.1	11.29	F8	0.53
1072		03.82	59 03.8	11.92	—	1.13
1073		03.82	61 35.5	11.88	B8	0.00
1074		03.82	59 01.2	12.21	A0	0.01:
1075		03.83	58 44.9	11.30	G8	0.88
1076		03.88	61 19.3	12.51	G0	0.48
1077		03.89	62 42.8	11.50	K0	1.16
1078		03.90	59 58.3	12.11	G0	0.55
1079		03.90	60 57.3	11.36	F2	0.28
1080		03.93	58 14.3	11.95	A5	0.12

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
1081	63°1928	23 03.96	64 01.0	7.95	B2	0.40	
1082		03.97	58 41.4	11.20:	F5	0.27:	
1083		04.01	59 09.2	11.02	M0	1.61	
1084		04.03	59 40.9	11.75	B8	0.08	
1085		04.04	60 12.0	11.73	B8	0.01	
1086	62°2170	04.06	62 56.1	7.56	B0	0.33	
1087		04.06	58 47.1	10.71	A0	−0.07	
1088		04·06	60 23.8	11.07	F2	0.25	
1089		04.06	63 39.4	12.02	K	1.26	
1090		04.09	59 59.0	10.61	B8	0.05	
1091		04.09	61 20.9	12.17	A	0.49	
1092		04.10	62 11.4	11.50	F2	0.48	
1093		04.10	64 41.2	11.58	A8	−0.02	
1094		04.10	58 05.3	12.27	B5	−0.09:	
1095		04.17	58 18.0	11.33	A2	−0.07	
1096		04.19	59 00.2	12.24	—	0.18	
1097	58°2544	04.19	58 48.2	9.19	A2	−0.02	
1098		04.20	59 02.3	11.36	A2	−0.04	
1099	60°2477	04.20	61 17.3	10.52	gK0	0.95	
1100	58°2543	04.20	58 36.5	10.38	K5	1.27	
1101		04.20	59 23.3	11.56	B5	−0.08	
1102		04.21	63 26.0	11.72	G0	0.57	
1103		04.21	59 48.8	11.28	A0	0.16	
1104		04.22	60 26.1	12.33	G0	0.57	
1105	60°2478	04.26	60 33.3	10.59	A0	−0.01	
1106	64°1753	04.28	64 35.7	8.93	A0	−0.06	
1107		04.28	63 08.8	11.04	B8	0.22	
1108		04.30	58 07.0	11.22	A0	−0.06	
1109		04.31	61 42.6	12.64	F	0.74	
1110		04.32	63 19.7	12.02	F	0.48	
1111		04.34	60 32.8	12.37	G0:	0.48	
1112		04.35	64 32.9	11.90	A0	0.16	
1113		04.35	60 14.4	11.70	G5	0.69	
1114		04.37	58 41.1	12.00	—	0.18	
1115		04.37	61 14.9	12.18	—	0.55	
1116		04.37	58 56.1	11.45	A0	0.03	
1117		04.37	58 43.2	11.10	A5	0.11	
1118		04.38	60 16.4	11.39	B8	0.13	
1119		04.39	59 25.7	11.20	A8	0.22	
1120		04.40	62 49.4	11.64	K0	1.03	
1121		04.40	58 22.4	12.71	F2:	— —	
1122	60°2479	04.41	61 09.9	7.10	F8	0.64	16514 AB
1123		04.41	60 42.3	12.01	F0	0.53	
1124		04.41	59 56.3	11.87	B8	0.06	
1125		04.43	62 12.2	12.35	F8	0.57	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
1126	61°2390	23 04.47	61 39.3	10.45	A2	0·21
1127	61°2391	04.48	61 36.2	10.08	A2	0.22
1128	59°2641	04.48	59 39.9	10.00	F0	0.28
1129		04.49	58 11.0	12.18	A0	0.06
1130	58°2545	04.50	59 08.5	(5.5:)	cB1	—
1131		04.50	63 28.0	11.78	B8	0.10
1132		04.52	58 15.4	12.20	A5	0.08
1133		04.57	61 12.2	9.92	A0	0.16
1134		04.59	59 14.3	11.49	—	—0.18
1135		04.59	61 15.7	12.14	—	0.50
1136		04.61	61 39.3	11.71	A0	0.03
1137		04.63	63 49.3	12.13	F8	0.47
1138		04.65	58 33.7	11.04	A0	—0.09
1139		04.65	61 24.8	12.02	F5	0.37
1140	59°2642	04.67	60 23.7	10.31	F0	0.41
1141		04.68	63 10.6	11.49	F0	0.14
1142	60°2480	04.68	61 30.4	10.20	A2	0.03
1143		04.74	60 06.6	11.36	K0	1.10
1144	63°1929	04.78	64 03.6	8.95	A0	—0.07:
1145		04.80	58 40.4	10.57	A2	—0.06
1146		04.80	61 52.3	12.55	F2:	0.53
1147		04.81	62 59.6	11.37	A0	0.01
1148		04.81	61 03.6	11.68	A2	—0.07
1149	60°2481	04.81	60 37.9	11.60	K5	1.81
1150		04.82	59 32.3	10.61	A5	—0.01
1151		04.83	58 41.1	11.70	B8:	—0.10
1152		04.86	60 19.5	11.85	A0	0.13
1153		04.86	60 46.5	12.30	G0	—
1154		04.86	59 11.5	12.30	F8	0.48
1155		04.90	63 21.8	12.02	A0	0.12
1156		04.90	58 10.4	11.90	A5	0.44
1157		04.90	59 00.7	10.42	A0	—0.20
1158		04.90	60 23.4	12.58	B5	0.50
1159		04.95	64 58.9	12.24	—	0.57
1160		04.96	60 14.6	12.28	A	0.42
1161		04.97	58 02.8	12.18	—	0.04
1162		04.98	58 07.2	10.96	A0	—0.14
1163	61°2392	05.00	62 22.5	10.42	K2	1.25:
1164	58°2546	05.00	59 27.4	(6.07)	B3	—
1165		05.01	59 00.8	12.19	—	0.19
1166		05.01	61 28.6	11.95	G5	1.06
1167		05.01	59 06.0	12.28	G2	—
1168		05.03	60 12.9	12.34	F2	0.48
1169		05.04	58 17.0	10.30	G2:	—
1170	64°1756	05.05	64 51.2	11.07	K0	0.85

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
1171		23 05.06	59 56.4	11.70	G8	1.02	
1172		05.08	63 03.4	10.84	B5	—	
1173	60°2482	05.08	60 33.7	7.90	A3	0.02	16518 AB
1174		05.10	59 38.5	11.10	F0	0.29	
1175	61°2394	05.10	62 24.7	8.44	A0	0.12	
1176	61°2393	05.11	62 19.6	10.96	K2	1.47	
1177		05.12	58 24.8	12.01	A2	0.00	
1178		05.15	60 35.8	11.95	A0	0.32	
1179		05.18	58 38.8	11.97	—	—0.10	
1180		05.18	61 12.1	11.89	F5	0.41	
1181	59°2643	05.19	60 05.7	10.34	A2	0.08	
1182	60°2483	05.20	60 47.1	10.94	A8	0.15	
1183		05.20	59 53.8	11.56	A0	—0.01	
1184		05.20	60 14.4	12.50	F5	0.44	
1185		05.21	58 57.1	12.13	—	0.31	
1186		05.21	62 23.3	10.74	A0	—0.10	
1187		05.21	58 27.7	11.12	A0	—0.14	
1188		05.21	58 00.5	11.67	F5	0.32	
1189		05.21	59 19.0	12.18	G8:	0.95	
1190		05.22	59 41.5	11.44	B8	—0.16	
1191	60°2484	05.23	60 37.5	10.61	A2	0.07	
1192		05.24	60 29.7	10.80	A0	—0.12	
1193		05.26	64 19.5	11.82	K	1.48	
1194		05.28	63 13.7	12.24	A	0.56	
1195	58°2547	05.30	58 44.2	9.54	gK0	1.22	
1196	60°2485	05.34	60 40.2	11.08	F8	0.40	16555 AB
1197		05.36	60 27.3	11.35	A2	0.11	
1198		05.38	62 55.5	10.62	B8	0.25	
1199	57°2693	05.38	58 08.4	8.83	A0	—0.14	
1200		05.38	58 39.8	11.94	F0	—	
1201		05.38	60 36.0	11.28	A2	0.19	
1202		05.40	59 22.6	11.67	A2	—0.05	
1203		05.41	63 09.7	12.38	B8:	0.56	
1204	63°1930	05.41	63 56.6	10.06	A2	0.08	
1205		05.42	58 39.6	11.30	B5	—0.07	
1206	59°2644	05.43	60 13.2	10.26	A5	0.24	
1207		05.44	59 04.5	11.58	A0	—0.14	
1208	60°2486	05.44	60 41.5	9.96	G5	0.70	
1209		05.44	60 32.9	11.73	G5	0.65	
1210		05.46	61 07.8	12.54	F8	0.62	
1211		05.47	62 57.1	11.58	A0	0.25	
1212		05.48	58 34.5	10.90	F8	0.44	
1213	57°2694	05.50	58 20.9	10.17	F8	0.44	
1214		05.51	58 37.3	10.26	gK2	1.26	
1215		05.54	63 51.2	12.22	G8	1.09	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
1216	57°2695	23 05.56	58 26.2	9.41	F5	0.21	
1217	60°2487	05.56	60 49.8	10.73	G5	0.73	
1218		05.58	64 09.2	11.45	A0	0.10	
1219		05.59	58 15.8	11.41	A0	—0.05	
1220		05.60	64 35.8	11.84	A8	0.24	
1221		05.61	61 03.9	11.83	F5	0.37	
1222		05.61	61 50.5	12.59	A5	0.26	
1223		05.63	62 07.8	12.69	—	0.65	
1224	59°2645	05.66	60 19.5	9.41	A0	0.15	
1225		05.69	58 30.8	11.58	G5	0.81	
1226		05.75	58 40.6	11.43	A0	—0.19	
1227		05.75	59 19.7	11.86	F5	0.54	
1228		05.76	59 54.2	11.62	A5	0.48	
1229	62°2171	05.78	63 22.0	(6.39)	B3	—	16530
1230		05.80	62 40.7	11.28	A2	0.14	
1231		05.80	62 53.4	12.25	G0	0.47	
1232		05.80	58 48.0	11.03	A0	—0.19	
1233		05.81	59 38.3	12.44	F2	0.42	
1234		05.82	59 59.3	11.72	G0	0.51	
1235	57°2698	05.82	58 00.0	10.35	A0	0.03	
1236		05.83	58 18.2	11.07	A0	0.08	
1237		05.83	58 37.6	11.92	A8	0.00	
1238	61°2396	05.85	62 23.5	9.58	A0	—0.06	
1239		05.85	62 56.3	12.80	A	0.60	
1240	63°1931	05.90	63 56.9	7.40	gG8	—	
1241	61°2395	05.90	62 00.3	12.03	A8	0.15	
1242		05.94	63 20.8	11 22	G8	0.92	
1243		05.95	58 53.0	12.08	—	—0.02	
1244	57°2697	05.95	58 28.9	10.02	A0	0.01	
1245		05.95	58 57.8	10.92	A0	—0.02	
1246		05.95	59 28.9	12.09	A0	0.23	
1247		05.96	59 24.3	12.18	F	0.48	
1248		05.98	64 51.8	11.41	—	—	
1249		05.98	64 20.5	12.40	F	0.47	
1250		06.00	59 15.7	12.27	A5	0.47	
1251		06.00	59 40.3	12.49	G0	0.49	
1252		06.01	58 22.9	12.43	—	0.49	
1253		06.02	60 48.5	12.31	G0	0.55	
1254		06.02	58 01.8	11.27	F8	0.31	
1255	59°2646	06.04	60 04.2	10.51	A0	—0.06	
1256		06.06	64 50.3	11.62	F8	0.37	
1257		06.06	58 19.3	11.88	A:	0.36	
1258		06.06	61 09.2	12.29	G0	0.51	
1259		06.07	61 43.8	12.43	A5:	0.13	
1260		06.08	60 23.0	12.45	—	0.51	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
1261		23 06.08	60 31.3	11.15	A2	0.27
1262		06.08	61 00.0	11.81	F5	0.49
1263	63°1932	06.09	64 27.8	9.53	A0	0.01
1264	63°1933	06.10	64 30.6	11.42	K0	1.38
1265		06.10	62 43.4	11.04	A0	0.14
1266		06.10	59 03.9	11.49	F5	0.53
1267	61°2397	06.10	62 19.7	9.21	A0	—0.14
1268		06.14	59 35.6	11.75	A0	0.01
1269		06.15	58 29.3	11.67	A0	—0.17
1270		06.15	58 12.6	11.75	A2	0.13
1271		06.16	61 00.0	11.80	G0	0.48
1272		06.18	61 10.4	11.01	A2	0.07
1273		06.19	59 10.0	11.44	A0	—0.12
1274		06.20	58 50.0	11.24	A8	0.26
1275		06.20	60 13.5	11.77	B	0.25
1276		06.20	61 51.0	11.37	F2	0.29
1277	60°2488	06.21	61 02.2	10.83	G8	1.04
1278		06.26	58 46.0	11.82	B8	0.10
1279		06.26	59 45.5	11.55	F5	0.38
1280		06.28	61 31.2	12.22	A2	0.50
1281	59°2647	06.30	60 01.2	8.88	A2	0.05
1282		06.31	58 19.9	12.35	A5	0.10
1283		06.31	59 38.5	12.01	M	1.63
1284		06.32	59 28.1	11.68	A5	0.04
1285		06.34	59 46.3	12.05	B5	0.29
1286		06.34	64 38.2	11.84	A	0.12
1287		06.35	62 00.2	11.65	A5	0.19
1288		06.35	59 14.9	12.68	A2	0.40
1289		06.36	60 33.4	12.03	G0	0.59
1290		06.37	61 25.2	12.73	—	0.25
1291		06.38	60 15.0	11.70	K2	1.35
1292		06.40	58 22.8	12.26	A0	0.15
1293		06.41	64 50.9	12.24	A2	0.55
1294		06.41	60 07.5	12.25	F8	0.49
1295		06.41	59 08.5	12.20	A2	0.12
1296		06.42	58 28.9	12.24	F2	0.19
1297	60°2489	06.45	60 58.3	10.70	F5	0.39
1298	59°2648	06.46	59 58.7	11.52	K	1.36
1299	63°1934	06.48	63 48.3	10.64	G8	1.29
1300		06.48	63 39.7	12.53	B8:	0.50
1301	59°2649	06.48	60 03.0	10.65	A0	0.01
1302		06.49	59 01.5	11.87	A8	0.22
1303	60°2490	06.50	60 37.6	10.95	gK0	1.19
1304	63°1935	06.52	64 22.6	11.90	K0	1.33
1305		06.53	58 07.9	11.80	A0	—0.02

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
1306		23 06.57	60 24.0	[1]1.09	A0	—0.04
1307		06.60	58 34.9	11.45	G8	1.26
1308	58°2549p	06.60	58 51.0	10.81	B0	0.43
1309		06.60	61 22.1	12.37	—	0.51
1310		06.60	62 36.4	12.31	B8	0.60
1311		06.64	60 40.8	12.69	G2:	0.58
1312		06.65	60 34.5	12.67	—	0.34
1313	62°2172	06.65	62 59.0	10.62	F5	0.20
1314		06.68	59 08.3	10.86	A0	—0.04
1315		06.68	63 40.3	12.21	A	—0.15
1316		06.68	63 10.6	12.66	A	0.24
1317		06.70	64 15.3	11.35	F0	0.53
1318	63°1936	06.70	64 21.3	9.61	F2	0.54
1319		06.72	64 30.2	11.44	G2	0.50
1320	64°1760	06·75	64 34.3	8.17	B8	—0.13
1321		06.78	59 33.6	12.11	B8	0.23
1322		06.78	60 54.0	12.52	F5	0.67
1323		06.80	58 15.7	11.76	F5	0.46
1324		06.81	62 33.8	12.16	A	0.59
1325		06.81	58 52.4	12.10	A0	0.04
1326		06.82	59 13.9	10.57	A2	0.11
1327	61°2398	06.87	62 06.0	10.35	A0	—0.11
1328		06.87	63 15.7	12.02	F8	0.38
1329		06.88	60 31.2	12.67	F0	0.50
1330	62°2174	06.88	62 38.1	8.04	gK0	—
1331		06.90	59 01.0	10.61	A0	—0.03
1332		06.90	58 16.3	12.07	A	0.11
1333	59°2650	06.90	59 53.4	8.80	G0	0.31
1334	62°2173	06.91	62 32.6	8.58	G8	0.98
1335		06.93	60 06.0	11.47	A5	0.37
1336		06.95	59 33.7	11.16	A0	—0.09
1337		06.95	61 25.0	12.08	F0	0.33
1338	64°1761	06.96	64 55.5	8.46:	A0	—
1339		06.98	64 42.4	11.20	F0	0.44
1340		06.98	58 45.1	12.02	—	0.38
1341		06.98	61 15.3	12.57	A5	0.50
1342		07.00	58 47.2	10.82	A5	0.07
1343	58°2550	07.00	58 32.4	10.32	gK0	1.08
1344		07.00	62 36.0	11.48	F2	0.18
1345		07.00	59 49.1	12.44	A0	0.14
1346	64°1762	07.01	64 38.6	10.68	A5	—0.03
1347		07.01	58 28.4	11.62	A0	0.10
1348		07.01	61 36.0	12.63	G8	1.02
1349		07.05	62 50.8	11.38	A0	—0.10
1350		07.07	64 45.3	10.99	A5	0.12

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
1351		23 07.08	60 04.8	11.80	G0	0.56
1352		07.08	59 56.2	12.06	F8	0.52
1353		07.08	60 23.2	11.17	A5	0.13
1354		07.11	61 03.0	11.59	A2	0.09
1355	63°1938	07.12	63 43.3	7.94	A0	—0.06
1356		07.12	58 44.9	11.29	F8	0.49
1357		07.13	62 29.0	10.90	A8	0.10
1358		07.14	60 02.6	11.49	A5	0.18
1359	63°1937	07.15	64 18.3	11.40:	G0:	—
1360	59°2651	07.15	59 53.5	10.22	A0	—0.04
1361		07.16	61 28.0	11.7:	—	—
1362		07.16	58 52.7	11.88	A0	0.12
1363		07.16	59 12.8	11.87	G0	0.55
1364	59°2652	07.18	59 32.3	10.12	A8	0.18
1365	64°1764	07.20	64 56.5	(6.49)	B3	—
1366		07.21	63 55.4	12.74	G0	0.54
1367		07.21	58 06.4	12.73	A0	0.55
1368		07.21	59 11.5	11.81	A2	—0.18
1369	62°2176	07.22	62 40.2	10.46	G8	0.87
1370		07.22	59 04.5	11.87	K5	1.43
1371		07.25	61 10.5	12.28	F8	0.50
1372	59°2653	07.25	59 53.7	10.62	gK0	1.35
1373	62°2175	07.28	63 06.5	11.61	G8	1.11
1374		07.28	58 42.5	11.42	A0	—0.09
1375	60°2491	07.29	61 23.2	7.89	A0	—0.23
1376		07.30	60 32.5	12.05	K	1.28
1377		07.36	58 10.5	12.43	A8	0.27
1378		08.39	59 17.9	11.97	A2	0.03
1379		07.41	61 36.3	12.75	F8	0.40
1380		07.41	61 28.3	12.39	A5	0.41
1381		07.42	61 16.4	12.43	A	0.15
1382		07.47	63 38.9	11.13	G8	0.96
1383		07.47	60 52.7	12.62	B	0.54
1384		07.47	58 53.0	12.29	A0:	0.12
1385		07.48	59 57.5	11.73	F8	0.63
1386		07.48	58 35.6	12.03	A5	0.19
1387	62°2177	07.48	63 03.5	11.48	B2	0.44
1388		07.49	64 53.2	11.24	K2	1.36
1389	63°1939	07.50	64 19.5	10.31	K0	1.39
1390		07.50	64 57.0	11.0:	G	—
1391		07.50	64 25.1	12.40	F	0.41
1392	62°2179	07.51	63 27.4	8.92	dG8	0.74
1393		07.51	59 12.9	11.62	G8	1.05
1394		07.53	62 01.9	11.72	F2	0.21
1395		07.53	58 13.8	11.96	A5	0.00

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
1396		23 07.54	64 49.6	11.22	F5	0.26	
1397	59°2655	07.54	60 25.5	9.38	A2	0.25	16555
1398	64°1765	07.55	64 37.5	9.07	A0	—0.13	
1399	60°2492	07.55	61 03.0	10.12	A0	0.04	
1400		07.55	58 45.8	10.77	K0	0.82	
1401		07.56	64 47.3	11.38	F2	0.16	
1402	60°2493p	07.56	61 11.8	10.06	cB0	0.69	
1403	62°2178	07.56	62 45.7	10.06	F8	0.41	
1404	60°2494	07.57	60 33.8	11.08	gK0	1.16	
1405		07.58	59 26.3	11.42	A2	0.22	
1406	58°2552	07.59	59 03.7	(5.67)	dA9	—	16556A
1407	58°2551	07.59	59 22.9	9.88	A0	—0.02	
1408		07.59	60 08.3	12.54	A2	0.42	
1409	59°2654	07.60	59 41.2	9.69	A0	0.17	
1410		07.67	63 06.9	12.29	F8	0.48	
1411		07.67	61 15.0	12.39	A	0.40	
1412		07.70	63 38.9	11.80	A8	0.14	
1413	58°2553	07.70	59 01.0	8.04	A	—0.14	16556c
1414		07.73	63 46.5	12.11	G0	0.41	
1415		07.75	64 04.8	11.05	A2	0.05	
1416		07.75	63 51.0	11.94	F2	0.29	
1417		07.76	60 43.5	11.41	G0	0.54	
1418		07.77	62 39.2	11.54	F5	0.15	
1419		07.79	59 00.3	11.75	F2	—	
1420	64°1766	07.81	64 42.6	10.36	A0	0.00	
1421		07.81	63 31.9	12.22	F0	0.43	
1422		07.82	63 56.0	11.66	G8	0.97	
1423		07.82	59 26.0	12.01	F5	0.41	
1424		07.83	58 09.2	11.12	A0	0.08	
1425		07.84	59 17.3	12.27	F8	0.54	
1426		07.84	61 55.5	11.86	F0	0.36	
1427	63°1940	07.87	64 24.9	10.37	A5	0.01	
1428	62°2180	07.87	63 15.8	11.31	G8	0.98	
1429	62°2181	07.87	63 21.6	10.17	A0	0.02	
1430		07.88	63 44.4	11.20	F0	0.27	
1431	58°2554	07.88	58 55.6	9.97	A0	—0.07	
1432		07.88	61 07.1	10.84	A5	0.21	
1433		07.89	61 16.0	12.36	A	0.22	
1434		07.89	62 03.9	12.28	F8	0.48	
1435		07.90	63 25.7	10.87	A0	0.07	
1436	59°2656	07.91	59 36.8	10.50:	G2	—	
1437	57°2701	07.95	58 25.0	10.15	A2	—0.03	
1438		07.96	64 11.2	11.51	G2	0.44	
1439	59°2657	07.97	60 06.0	10.47	F5	0.31	
1440		08.00	58 11.0	11.87	A3	0.36	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
1441		23 08.00	59 03.5	11.26	A0	0.16
1442		08.00	60 15.3	11.39	A0	0.07
1443		08.00	60 48.0	12.40	G8	1.08
1444		08.01	63 27.2	12.52	A	0.54
1445		08.01	58 17.3	11.54	F5	0.48
1446		08.02	60 49.4	12.51	B:	0.38
1447		08.04	60 37.4	11.35	B8	0.04
1448		08.08	58 24.0	12.42	A5	0.25
1449		08.09	58 14.0	11.28	A2	0.07
1450	59°2658	08.10	60 00.9	10.86	gK2	1.30
1451	61°2399	08.10	61 35.6	10.39	A2	—0.04
1452		08.11	59 25.0	12.24	F5	0.04
1453	64°1767	08.15	64 38.5	10.18	A0	0.12
1454		08.19	58 23.2	12.32	A0	0.24
1455		08.21	59 00.0	11.70	K0	1.01
1456		08.22	58 47.2	11.27	B8	0.16
1457		08.23	62 50.0	11.93	F8	0.33
1458		08.24	60 44.7	11.51	B5	0.35
1459		08.24	58 03.8	12.23	F5	0.37
1460		08.25	58 24.5	12.07	F2	0.36
1461	63°1941	08.30	64 15.3	7.51	F8	0.52
1462		08.31	61 19.2	12.64	G5	1.17
1463		08.33	61 19.1	11.29	F5	0.31
1464		08.34	64 09.1	12.41	—	0.40
1465		08.35	60 50.9	11.82	B8	0.02
1466		08.35	62 33.1	10.74	A5	0.05
1467		08.35	59 54.5	12.03	G8	1.02
1468		08.38	61 05.8	11.67	G5	0.73
1469		08.38	58 38.8	11.33	F8	0.41
1470	57°2703	08.39	58 09.8	10.20	A0	—0.07
1471		08.40	63 14.6	11.99	B5	0.36
1472	59°2659	08.40	59 38.5	10.28	A0	—0.10
1473		08.43	58 18.3	12.05	K	1.15
1474		08.45	60 00.2	11.84	A0	0.16
1475	57°2704	08.45	58 06.0	11.10	F8	0.52
1476		08.46	58 24.0	12.14	A2	0.24
1477		08.48	59 34.9	12.13	K0	1.21
1478		08.53	61 06.2	12.53	K	1.37
1479		08.55	58 35.0	11.98	F5	0.51
1480	58°2555	08.55	58 43.7	10.02	G8	0.75
1481		08.56	61 58.5	11.62	F8	0.32
1482		08.63	58 33.2	12.32	F8	0.42
1483	63°1942	08.66	63 57.6	9.25	A0	0.07
1484		08.68	60 18.2	11.50:	B0	—
1485		08.68	58 41.8	11.02	A0	—0.10

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
1486	62°2182	23 08.69	62 58.5	11.59	K0	1.16	16570
1487	59°2661	08.70	59 56.2	10.15	dK0	1.19	
1488	59°2662	08.74	59 51.8	9.52	A0	—0.03	
1489		08.74	60 40.8	10.44	A0	0.16	
1490		08.74	60 17.2	10.68	F8	0.30	
1491		08.80	60 31.9	12.60	K	1.42	
1492		08.80	59 27.1	12.22	F	0.42	
1493		08.80	59 31.7	12.62	F0	0.42	
1494	59°2663	08.80	59 41.6	9.51	A0	0.05	
1495	63°1943	08.85	64 22.0	9.47	A2	0.12	
1496		08.87	64 40.7	11.03	A8	0.15	
1497	62°2185	08.87	62 34.7	9.57	A2	0.21	
1498		08.88	59 20.6	11.65	A5	—0.01	
1499	62°2183	08.88	63 25.1	10.25	G0	0.53	
1500		08.90	60 18.3	11.56	B0	—	
1501		08.90	60 55.6	12.13	B8	0.26	
1502		08.91	62 54.3	10.02	A0	0.40	
1503		08.91	59 33.5	11.25	A0	—0.01	
1504		08.92	60 17.8	11.41	B0	—	
1505	60°2495	08.92	61 15.0	11.17	A0	—0.03	
1506		08.96	59 28.7	11.02	cB0	0.50	
1507		08.96	60 28.8	11.67	A0	0.00	
1508		08.98	59 46.8	12.00	G0	0.50	
1509		08.99	58 57.5	12.03	A5	0.05	
1510		09.00	58 24.7	12.11	A2	0.18	
1511		09.00	61 07.1	12.17	F8	0.51	
1512		09.00	61 28.0	11.95	G5	0.60	
1513	59°2664	09.00	60 18.8	10.26	O	0.70	
1514		09.00	60 30.3	12.14	B:	0.16	
1515		09.00	60 37.5	12.76	A	0.50	
1516		09.01	61 15.0	12.66	F8	0.54	
1517		09.03	59 15.6	11.99	A2	0.21	
1518		09.05	63 22.0	12.40	G0	0.60	166575
1519		09.06	61 09.0	11.66	G0	0.56	
1520		09.07	58 28.0	11.75	A0	0.10	
1521		09.10	64 53.9	12.17	G0	0.53	
1522	58°2556	09.10	58 56.3	11.07	G0	0.55	
1523		09.13	64 07.3	11.72	A0	0.11:	
1524	58°2558	09.15	58 50.8	11.25	G0	0.51	КЗП
1525	62°2186	09.16	63 06.4	10.24	A0	—0.19	
1526		09.16	60 06.3	12.70	K	1.20	
1527	58°2557	09.17	59 00.5	12.01	A2	0.28	
1528		09.17	61 11.1	10.99	G2	0.55	
1529		09.20	59 12.5	11.96	K	1.32	
1530		09.20	60 57.4	11.93	B5	0.10	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
1531		23 09.21	59 58.6	10.07	A0	0.07	
1532		09.22	62 21.9	12.15	G5	0.99	
1533	61°2400	09.25	62 15.1	9.64	A2	0.11	
1534		09.25	58 51.6	12.05	A2	0.13	
1535		09.29	62 36.4	11.58	F5	0.32	
1536		09.29	59 33.6	12.07	F8	0.51	
1537		09.29	62 07.0	12.11	G2	0.52	
1538		09.31	63 49.8	11.83	A0	0.08	
1539	60°2496	09.33	60 31.2	11.17	M0	1.51	
1540		09.33	63 08.0	12.15	F8	0.31	
1541		09.34	60 55.4	11.37	F8	0.39	
1542		09.35	61 06.0	12.58	G0	0.54	
1543		09.35	62 48.5	12.72	F	0.42	
1544		09.36	60 34.5	11.33	B3	0.33	
1545		09.36	63 46.5	12.76	—	1.11	
1546		09.38	60 37.3	12.29	F8	0.55	
1547		09.39	59 40.4	11.67	B8	0.01	
1548		09.39	62 28.2	12.27	A	0.34	
1549		09.39	61 11.9	12.04	G2	0.58	
1550		09.40	59 26.6	11.63	A2	0.11	
1551		09.40	59 43.1	12.02	G0	0.49	
1552		09.40	61 49.5	12.30	G0:	0.52	
1553		09.41	58 19.8	11.46	A0	0.20	
1554		09.41	60 03.0	11.89	A0	0.24	
1555		09.41	61 45.0	11.32	G8	0.77	
1556	58°2559	09.46	59 23.1	11.02	A0	—0.21	
1557		09.47	62 19.2	12.12	F5	0.34	
1558		09.47	59 20.1	10.75	F8	0.37	
1559		09.49	58 39.8	11.45	F0	0.08	
1560		09.50	59 56.2	12.78	F2:	0.67	
1561	57°2707	09.50	58 27.4	10.24	F5	0.46	
1562		09.52	64 10.6	11.71	G5	0.61	
1563	58°2560	09.52	59 25.8	11.1	gM6e	—	V Cas.
1564	63°1945	09.53	64 28.2	10.97	F5	0.41	
1565		09.55	59 06.4	12.07	A2	0.17	
1566	62°2187	09.57	63 26.5	10.37	A0	—0.07	
1567		09.59	62 09.3	12.62	G2	0.64	
1568		09.60	61 07.3	11.70	A2	0.02	
1569	63°1944	09.63	63 31.4	10.77	A0	0.03	
1570		09.63	58 00.3	11.40	A0	0.19	
1571		09.63	60 05.0	12.12	A0	0.19	
1572		09.64	59 33.7	10.91	A2	0.03	
1573	63°1946	09.65	64 07.2	10.41	F5	0.44	
1574		09.66	63 42.0	12.38	G2:	0.76	
1575	59°2665	09.66	59 39.8	10.52	A0	—0.02	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
1576	62°2188	23 09.68	63 00.7	10.09	F2	0.26	
1577	62°2190	09.71	62 46.1	10.80	A0	0.08	
1578	59°2666	09.75	59 36.2	10.32	A5	0.16	
1579		09.76	63 52.6	11.90	—	0.54	
1580		09.80	58 24.9	11.08	A2	0.25	
1581		09.80	58 09.8	11.53	A0	0.16	
1582	61°2401	09.80	61 46.4	10.65	F2	0.24	
1583		09.82	62 02.6	12.23	G0	0.52	
1584		09.82	62 54.4	12.23	F	0.46	
1585		09.83	58 34.9	12.32	F0	0.29	
1586		09.84	62 52.3	12.06	—	0.50	
1587		09.85	60 35.7	12.56	F8:	0.54	
1588		09.85	62 24.2	12.00	F0	0.29	
1589		09.85	61 40.8	12.66	G0	0.53	
1590	63°1949	09.90	64 26.7	7.15	B5	—0.18	
1591	63°1947	09.90	64 03.0	10.90	A2	0.00	
1592	64°1771	09.90	64 43.5	10.97	A2	0.20	
1593	62°2189	09.91	63 15.3	10.51	F5	0.18	
1594		09.91	63 47.9	12.64	K	1.28	
1595		09.98	63 06.0	11.91	A0	0.18	
1596	62°2191	09.99	62 44.7	10.24	K0	1.10	
1597	59°2660	10.00	60 09.4	9.25	gK0	0.85	
1598		10.00	61 50.1	12.40	A8	0.30	
1599		10.00	62 32.8	11.79	G2	0.55	
1600		10.00	61 34.6	12.15	F5	0.37	
1601		10.00	58 34.5	12.22	F0	0.50	
1602		10.00	59 20.0	10.99	B3	0.11	
1603		10.00	60 55.5	11.49	B1	—0.04	
1604	63°1948	10.01	63 42.9	10.71	K0	1.39	
1605		10.01	62 35.6	12.52	G0	0.58	
1606	59°2667	10.01	59 37.8	10.90	gK2	1.36	
1607	60°2497	10.03	60 37.5	11.07	A0	0.01	
1608	59°2668	10.07	60 24.0	8.92	B8	0.11	16590 A
1609		10.08	63 38.4	12.65	—	0.50	
1610		10.08	61 50.6	11.65	B7	0.64	
1611		10.09	58 58.9	11.49	F2	0.26	
1612		10.10	58 42.5	12.01	B5	0.45	
1613		10.12	61 16.5	10.82	F0	0.38	
1614		10.13	62 01.5	10.68	A5	0.07	16589
1615		10.14	59 02.0	11.15	A0	—0.05	
1616		10.15	58 37.2	11.75	B8	0.22	
1617		10.17	61 05.4	11.51	F0	0.24	
1618		10.18	58 09.5	11.34	A2	0.38	
1619	57°2708	10.18	57 59.4	11.10	G8	1.05	
1620		10.18	58 40.8	11.48	G8	0.94	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
1621		23 10.20	59 34.5	10.22	A0	0.04
1622		10.20	60 34.2	10.97	A0	0.25
1623	57°2709	10.20	58 29.8	9.94	A0	0.19
1624		10.21	61 02.2	12.22	G2	0.60
1625		10.21	61 37.4	11.88	F0	0.11
1626		10.21	59 15.6	11.38	A8	—0.12
1627		10.23	59 48.0	12.08	A	0.50
1628	59°2669	10.24	60 10.2	10.32	F5	0.34
1629	62°2192	10.25	62 51.6	8.77	A0	—0.27
1630		10.26	59 26.1	11.60	G2	0.58
1631		10.27	64 08.8	11.86	F8	0.34
1632		10.27	61 43.5	11.28	F2	0.26
1633		10.28	60 42.0	12.52	B:	0.83
1634		10.28	60 50.7	12.18	B8	0.20
1635		10.29	61 10.6	11.17	gK0	1.07
1636		10.30	63 21.2	11.09	A2	0.25
1637	62°2197	10.32	62 52.5	10.81	F8	0.43
1638		10.32	60 11.0	12.20	B3:	0.27
1639	60°2498	10.33	61 03.0	10.89	B8	0.07
1640		10.34	59 51.4	12.16	F5	0.44
1641	58°2561	10.34	59 29.1	10.31	A5	—0.09
1642		10.35	59 58.1	12.00	G5	1.06
1643		10.38	63 43.8	12.39	F	0.41
1644		10.39	62 09.0	11.36	A0	—0.22
1645		10.39	60 07.0	12.08	F0	0.29
1646		10.40	60 45.0	12.31	B3	0.58
1647	57°2710	10.41	58 06.5	10.69	F8	0.43
1648		10.44	64 13.4	12.55	F0	0.56
1649		10.44	64 02.1	11.37	F0	0.21
1650	64°1773	10.46	64 31.7	7.20	A0	—0.14
1651		10.46	59 39.9	12.35	F5	0.39
1652		10.46	60 10.3	11.48	G8	—
1653		10.47	59 25.7	11.23	A5	—0.09
1654	62°2193	10.51	62 42.9	9.43	G8	0.95
1655	59°2670	10.54	60 27.0	8.50	A0	—0.12
1656		10.55	64 34.8	10.52	F0	0.22
1657	60°2499	10.56	60 57.6	10.34	B0	0.12
1658		10.58	59 01.2	12.05	A2	0.32
1659		10.60	60 07.3	12.76	G0:	0.56
1660		10.60	58 19.5	12.61	G	0.77
1661		10.61	63 58.0	11.25	A0	0.43
1662		10.61	61 48.4	12.19	F	0.31
1663		10.65	58 05.4	12.12	F0	0.35
1664		10.65	61 11.5	11.61	G2	0.60
1665	62°2194	10.65	63 00.3	10.28	dG8	0.61

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
1666	64°1774	23 10.67	64 59.0	10.16	A0	—
1667		10.75	60 01.2	12.22	F0	0.31
1668		10.76	59 14.3	12.40	F0	0.38
1669	61°2402	10.80	61 44.7	10.42	A0	—0.14
1670		10.80	62 58.5	11.81	F2	—
1671	63°1950	10.81	63 51.1	10.60	F2	0.25
1672	62°2195	10.83	62 54.1	10.22	G8	0.80
1673		10.85	61 46.5	12.22	—	1.03
1674		10.85	62 43.5	12.48	A	0.24
1675	60°2500	10.85	61 02.5	11.20	G8	1.07
1676	59°2671	10.86	60 05.5	10.44	A5	—0.04
1677		10.88	64 20.5	12.09	A0	0.09
1678		10.88	60 55.6	12.03	A0	0.20
1679	63°1951	10.89	64 10.1	9.87	A0	0.02
1680		10.89	58 18.5	12.12	K	1.43
1681		10.90	61 11.8	11.54	G8	1.01
1682		10.92	59 56.3	11.30	G8	1.02
1683		10.92	61 09.6	11.47	G2	0.41
1684		10.95	59 19.5	12.11	A5 :	0.31
1685		11.00	60 07.7	11.97	A0	0.20
1686		11.01	59 21.9	12.15	B8	0.25
1687		11.02	63 17.0	11.55	F8	0.43
1688		11.02	61 26.4	11.10	F5	0.28
1689		11.05	60 26.0	11.63	K	1.35
1690	60°2501	11.07	61 26.0	10.30	A0	—0.14
1691	62°2196	11.08	63 23.1	9.88	A5	0.09
1692	58°2562	11.10	58 52.0	9.99	A0	0.15
1693		11.13	64 07.7	12.42	F8 :	0.57
1694		11.13	61 55.0	11.44	A2	—0.04
1695	64°1775	11.15	64 37.9	11.09	G8	1.15
1696		11.15	59 38.3	11.98	F8	0.62
1697		11.20	59 14.7	12.39	G0	0.49
1698		11.21	59 01.0	12.10	—	0.38 :
1699		11.22	60 04.5	12.41	G2 :	0.63
1700		11.22	59 05.3	10.09	A0	—0.15
1701		11.24	59 54.3	12.57	A	0.41
1702		11.26	59 45.6	12.45	G0	0.53
1703		11.26	60 26.4	11.86	A2	0.17
1704	58°2563	11.27	58 40.6	8.43	F2	0.33
1705		11.27	63 30.4	11.74	G2	0.78
1706		11.28	63 55.4	11.88	A0	0.26
1707		11.28	59 47.6	12.19	F5	0.17
1708		11.31	60 06.3	11.12	—	0.22
1709		11.32	59 29.1	11.64	F0	0.35
1710	59°2672	11.32	60 06.0	10.10	A2	—0.05

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
1711		23 11·33	64 35.8	12.38	F0	0.45	
1712		11.33	61 22.8	12.28	A5	0.38	
1713		11.34	60 48.3	12.65	F2	0.56	
1714		11.35	59 27.5	12.35	—	0.25	
1715		11.35	58 42.8	11.52	A0	0.52	
1716	63°1952	11.36	64 16.5	9.62	A0	0.06	
1717		11.38	63 19.7	11.60	A2	0.16	
1718		11.40	60 03.1	12.42:	G	—	
1719		11.40	59 45.9	12.20	F5	0.30	
1720		11.41	61 06.5	12.49	A	0.47	
1721		11.41	59 38.0	11.68	G0	0.56	
1722		11.41	59 09.0	12.15	A5	0.39	
1723		11.42	62 04.6	12.15	A5	0.33	
1724		11.42	62 53.2	11.67	G5	—	
1725		11.42	59 25.2	11.59	B8	0.06	
1726		11.43	60 54.7	12.17	A0	0.27	
1727		11.43	60 09.0	12.30	F8:	0.52	
1728	61°2403	11.43	62 23.7	9.16	F2	0.34	16609 A
1729	57°2711	11.45	58 16.0	11.12	F2	0.29	
1730		11.47	62 03.0	10.89	A2	0.17	
1731		11.48	63 24.4	12.68	G	0.71	
1732	58°2564	11.48	59 01.1	9.88	B8	—0.13	
1733		11.49	62 59.9	11.01	G2	0.43	
1734		11.50	59 21.5	11.06	A0	—0.08	
1735		11.56	58 51.5	12.08	F0	0.51	
1736		11.57	61 40.6	12.34	G0	0.53	
1737		11.58	58 25.5	10.88	A0	0.15	
1738		11.58	60 36.1	12.43	A0	0.47	
1739		11.58	58 44.4	11.74	F2	—	
1740		11.59	61 32.6	12.67	G0	0.52	
1741		11.60	62 36.7	11.55	A0	—0.02	
1742		11.60	61 53.4	12.49	G8	1.09	
1743		11.60	59 11.3	12.53	B:	0.50	
1744		11.61	60 03.0	12.37	F5	0.44	
1745		11.62	58 09.6	12.31	B8	0.30:	
1746		11.65	60 07.9	11.47	F	0.34	
1747		11.67	63 10.4	12.49	G0:	0.54	
1748		11.68	59 33.7	11.17	A0	—	
1749		11.71	64 15.8	11.88	F8	0.38	
1750		11.72	60 14.0	11.22	A8	0.26	
1751		11.75	60 41.3	11.41	A0	0.01	
1752	62°2198	11.75	63 16.0	10.63	F8	0.31	
1753	59°2673	11.76	59 32.9	9.00	B0	—	
1754	62°2199	11.78	62 58.3	8.37	A0	—0.18	
1755		11.78	62 37.0	11.72	F2	0.27	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
1756		23 11.79	60 49.8	11.80	A0	0.31
1757		11.79	60 04.5	12.01	A0	0.13
1758		11.80	58 14.5	11.15	F8	0.50
1759		11.80	62 45.6	11.85	G0	0.41
1760		11.80	59 19.9	11.45	A0	0.00
1761		11.82	59 36.4	12.13	F	—
1762	58°2565	11.82	59 06.2	9.60	cB0	0.79
1763		11.83	58 45.2	12.07	K	1.35
1764		11.85	61 31.3	12.11	A2	0.09
1765		11.87	63 24.9	12.31	A8:	0.41
1766		11.87	63 33.5	12.44	G0	0.58
1767		11.87	59 57.8	10.95	F5:	0.22
1768		11.87	61 37.4	12.16	G0	0.55
1769		11.88	58 48.3	11.66	A2	0.00
1770		11.90	59 54.5	10.82	A0	—0.03
1771		11.90	59 13.8	11.50	B0	0.20
1772	61°2405	11.91	61 56.6	8.25	A0	—0.10
1773	61°2404	11.92	61 44.1	11.01	K0	1.01
1774		11.94	60 40.8	10.65	A5	0.19
1775		11.97	61 06.5	11.64	K0	1.04
1776	59°2674	12.00	60 07.3	10.92	cB8	0.44
1777	63°1953	12.04	63 33.7	9.72	A0	—0.11
1778		12.04	60 21.0	11.12	F0	0.38
1779		12.06	62 40.5	11.89	F0	0.11
1780	60°2502	12.08	61 18.5	10.24	A0	0.10
1781		12.08	59 56.6	10.88	A0	—0.10
1782		12.10	59 28.8	10.99	F5	0.35
1783		12.12	62 21.8	12.06	F5	0.49
1784	59°2675	12.12	60 11.8	11.28	K0	1.00
1785		12.17	61 34.5	11.30	B8	0.46
1786		12.18	59 47.2	11.51	B8	—0.06
1787	58°2566	12.18	59 08.2	10.68	F8	0.36
1788		12.20	59 38.9	11.63	B2	0.29
1789	59°2676	12.22	60 30.4	9.39	A0	—0.05
1790	61°2406	12.26	62 21.9	9.44	A2	0.81
1791		12.26	59 19.9	12.18	A2	0.26
1792		12.27	59 08.4	12.57	F5	0.56
1793		12.28	59 33.8	11.54	A8	0.13
1794		12.28	58 02.8	11.93	G0	0.56
1795		12.30	64 34.5	11.16	F8	0.41
1796	62°2200	12.30	63 17.9	11.13	G8	0.93
1797		12.30	59 39.3	11.27	B0	0.41
1798		12.31	58 13.3	11.55	A0	0.13
1799		12.32	63 10.5	12.62	G0	0 66
1800	60°2503	12.33	61 22.4	10.99	K5	1.50

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
1801	59°2677	23 12.38	59 34.3	9.91	cB0	0.44
1802		12.38	59 32.5	10.81	F0	0.19
1803		12.38	60 45.0	11.40	A2	0.26
1804	62°2201	12.39	62 46.0	10.28	B8	0.06
1805		12.40	59 18.0	11.21	cB0	0.47
1806		12.41	62 45.2	12.15	—	0.43
1807		12.41	61 43.0	12.71	G0	0.53
1808		12.41	61 24.6	11.25	A8	0.11
1809		12.41	62 34.6	12.02	G5	1.00
1810		12.44	59 07.2	12.56	B	0.50
1811		12.46	63 48.0	12.82	—	0.75
1812		12.49	64 03.1	11.30	B8	0.22
1813		12.55	59 31.1	11.89	A0	0.15
1814		12.55	58 15.2	12.39	A8	0.43
1815		12.57	60 26.2	12.14	F8	0.46
1816		12.57	59 16.5	11.76	G8	1.37
1817	60°2504	12.59	61 15.4	9.97	A0	0.01
1818		12.60	59 02.8	12.50	A8	0.44:
1819		12.60	60 33.5	11.01	F8	0.33
1820		12.60	60 46.5	10.79	A2	—0.01
1821		12.60	59 39.4	11.11	B0	0.21
1822	64°1778	12.61	64 39.0	10.64	dK0	1.03
1823		12.61	60 14.6	12.92	—	0.83
1824	62°2203	12.61	68 48.4	10.18	A2	—0.02
1825		12.62	60 22.8	11.58	—	0.42
1826		12.67	62 55.6	12.24	F8:	0.36
1827		12.68	64 08.4	12.40	G2	0.74
1828	62°2202	12.68	63 17.6	9.92	B8	0.28
1829		12.68	61 16.3	11.15	G0	0.54
1830	59°2678	12.69	60 29.1	11.18	M	1.78
1831	61°2407	12.70	62 10.0	10.52	G8	0.81
1832		12.70	59 12.6	12.06	B	0.48
1833		12.70	60 23.0	11.68	B8	0.15
1834		12.71	64 37.4	11.41	A2	0.19
1835		12.72	63 32.8	11.30	G5	0.85
1836	59°2679	12.72	60 28.3	10.89	B2	0.50
1837	58°2567	12.75	59 13.0	10.86	F5	0.24
1838	63°1954	12.76	63 56.2	11.53	M	1.35
1839		12.79	59 47.8	11.65	F0	0.34
1840		12.80	59 08.6	11.90	A2	0.00
1841		12.81	61 32.6	11.23	gG8	1.09
1842		12.81	59 32.8	11.72	G2	0.54
1843	59°2680	12.83	59 50.8	10.76	gG8	0.91
1844		12.84	61 55.9	12.20	B8	0.47
1845		12.88	61 17.0	12.22	F5	0.38

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
1846		23 12.94	63 47.5	12.90	A5	0.85	
1847		12.96	60 33.8	12.52	—	0.51	
1848		12.97	60 21.0	12.61	B0	0.53	
1849	59°2681	12.98	59 37.5	10.51	B0:	0.18	
1850		12.98	59 43.8	11.52	A0	0.21	16628
1851		13.00	64 16.9	12.25	G5	—	
1852	59°2682	13.00	60 09.3	11.02	A0	0.08	
1853	60°2505	13.00	61 06.6	10.65	F5	0.22	
1854		13.00	59 36.7	11.93	—	0.13	
1855		13.01	61 34.6	11.91	G8	1.01	
1856	59°2683	13.02	60 10.8	10.19	OW	—	
1857	64°1780	13.05	64 44.6	7.90	F5	0.24	
1858		13.05	63 10.5	12.32	G0	0.58	
1859		13.06	60 10.2	10.70	B2	—	
1860		13.07	63 15.2	11.72	A5	0.53	
1861		13.08	60 10.6	11.48	—	—	
1862	62°2204	13.08	62 37.5	8.58	A5	—0.01	
1863		13·10	59 22.1	12.16	B	0.32	
1864		13.12	58 06.5	12.07	A3	0.50	
1865		13.15	62 49.5	10.51	A2	—0.19	
1866		13.15	59 21.0	12.36:	G	—	
1867		13.15	61 57.3	11.17	G8	0.86	
1868		13.16	61 36.1	11.85	A8	0.22	
1869		13.17	60 46.2	11.26	A0	0.24	
1870	58°2568	13.17	58 46.0	11.22	K0	1.17	
1871		13.19	64 08.8	11.90	F8	0.37	
1872		13.19	63 54.0	11.88	A0	0.15	
1873	60°2507	13.19	60 57.0	11.31	A0	—0.01	
1874		13.20	60 19.9	12.28	A5	0.43	
1875		13.20	59 49.0	11.09	F8	0.27	
1876		13.20	59 03.9	12.50	G	1.10	
1877		13.21	60 58.0	11.31	A0	—0.11	
1878		13.25	61 13.4	12.88	G	0.90	
1879		13.25	62 02.1	11.10	G8	0.60	
1880	60°2506	13.26	61 01.9	10.77	G0	0.43	
1881		13.30	59 13.0	12.53	F5	0.50	
1882		13.30	58 24.8	11.80	B8	0.48	
1883		13.31	63 15.2	12.14	G0	0.56	
1884	63°1955	13.32	63 59.2	(6.98)	B5	—	
1885		13.32	58 50.5	11.85	—	0.31	
1886		13.34	59 52.5	12.29	B8	0.35	
1887		13.34	58 53.9	11.44	A0	0.14	
1888		13.36	64 19.5	11.97	G	0.71	
1889	61°2408	13.37	61 48.6	10.27	cB0	0.63	
1890	61°2409	13.37	61 35.8	9.43	gK0	1.07	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
1891		23 13.39	63 57.6	11.42	F0	0.34	
1892		13.39	58 13.0	10.73	A0	0.25	
1893		13.39	59 31.3	12.01	A0	0.05	
1894		13.40	59 31.2	12.48	A0	0.12	
1895		13.40	58 19.3	11.10	G0	0.52	
1896		13.41	62 29.6	11.07	A5	0.28	
1897		13.42	63 46.1	12.46	A	—	
1898		13.46	63 36.3	12.07	G	0.93	
1899	59°2684	13.46	59 39.3	10.16	K0	0.80	
1900		13.48	60 19.2	12.05	G0	0.51	
1901		13.48	63 03.0	11.54	A2	0.10	
1902	63°1956	13.49	64 29.2	10.38	A0	0.16	
1903		13.52	59 25.5	12.65	F0	0.52	
1904		13.53	62 03.4	11.67	G	0.74	
1905	62°2205	13.54	63 22.6	10.06	A0	0.01	
1906		13.54	61 17.6	11.83	G0	0.48	
1907		13.55	60 20.7	12.48	—	0.57	
1908		13.56	62 05.9	11.90	G	0.55	
1909	59°2685	13.56	60 24.6	9.85	gK0	1.15	16635 A
1910		13.60	60 04.5	11.46	B2	0.48	
1911	63°1957	13.61	64 07.0	9.02	A0	—0.24	
1912		13.61	59 08.2	12.82	B0	0.75	
1913		13.61	62 57.2	11.51	G8	0.85	
1914		13.62	60 57.2	11.54	A5	0.29	
1915		13.62	59 34.6	12.55	A	0.27	
1916		13.63	58 55.0	12.32	G0	0.70	
1917	60°2508	13.63	60 38.7	10.00	A5	0.58	
1918		13.72	58 01.5	12.49	A2	0.33	
1919	63°1959	13.73	64 26.9	11.68	B5:	—	
1920	63°1958	13.74	63 50.6	9.34	G0	0.48	16638
1921		13.75	64 11.4	11.34	F5	0.30	
1922		13.75	61 58.6	12.16	A8	0.48	
1923	59°2686	13.75	59 56.9	11.48	gK2	1.71	
1924		13.76	61 29.9	12.76	A5	0.48	
1925		13.78	60 15.1	12.22	B8	0.35	
1926		13.78	59 25.2	11.60	F8	0.22	
1927		13.79	63 46.3	12.47	—	0.55	
1928	59°2687	13.80	59 53.5	9.90	A5	0.26	
1929		13.80	61 22.0	11.51	G8	0.91	
1930	61°2411	13.80	61 51.3	10.57	B8	—0.03	
1931	64°1781	13.81	64 32.2	8.37	A0	—0.23	
1932		13.81	64 27.7	10.81	F2	0.15	
1933		13.81	59 40.8	10.79	A2	0.03	
1934		13.82	59 56.0	11.96	A	0.13	
1935		13.83	58 26.9	12.10	A2	0.24	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
1936	59°2688	23 13.83	60 02.8	10.61	G8	0.95	
1937		13.85	59 20.2	12.18	—	1.50	
1938	61°2410	13.87	62 30.4	9.51	A0	—0.13	
1939		13.88	63 21.0	12.30	F8	0.45	
1940		13.89	61 27.0	11.88	G8	1.01	
1941		13.90	60 02.7	12.81	F8	0.74	
1942		13.90	59 46.8	11.93	B2	0.46	
1943		13.90	59 17.7	11.70	B5	—0.05	
1944		13.93	63 43.7	11.83	A0	0.21	
1945		13.95	59 12.3	11.74	B5	0.26	
1946		13.95	60 44.0	11.16	gG8	0.99	
1947		13.97	59 32.7	11.36	B8	—0.07	
1948		13.97	60 28.5	11.50	A0	0.02	
1949		13.98	59 54.6	11.73	A0	0.27	
1950		14.00	60 11.5	10.97	B0	0.29	
1951		14.00	59 14.4	11.56	B0	0.36	
1952	62°2206	14.01	62 54.9	10.40	A0	—0.10	
1953		14.02	59 34.5	12.26	B0	—	
1954		14.02	59 26.5	11.33	A0	—0.05	
1955		14.05	59 15.0	11.51	B0	0.40	
1956		14.05	58 58.1	11.59	G2	0.60	
1957	60°2509	14.07	61 25.3	10.06	A0	0.32	
1958		14.09	63 07.1	11.57	F5	0.38	
1959		14.10	59 11.9	11.19	B0	0.73	16640
1960		14.12	63 03.3	11.35	F0	0.15	
1961		14.13	62 12.7	11.92	A5	0.17	
1962	60°2510	14.14	61 21.1	9.55	F5	0.44	
1963		14.15	58 10.8	12.43	A5	0.37	
1964		14.16	63 56.8	10.35	F8	0.34	
1965		14.20	62 18.2	11.21	K0	1.03	
1966		14.20	60 20.1	12.46	F8	0.53	
1967	57°2717	14.20	58 21.7	11.15	F8	0.47	
1968	61°2412	14.20	62 28.9	10.24	F2	0.14	
1969		14.20	62 11.8	12.26	A	0.28	
1970		14.22	59.30.8	11.23	F5	0.39	
1971		14.22	58.32.9	10.80	G0	0.56	
1972	57°2716	14.22	58 03.2	10.57	A2	0.40	
1973		14.23	60 20.8	12.61	A0	0.45	
1974		14.26	59 16.6	11.80	B3	0.04	
1975	58°2569	14.26	59 22.6	9.25	A2	—0.06	
1976	60°2511	14.27	61 15.8	9.38	A0	0.01	
1977	63°1960	14.28	63 50.5	7.72	F2	0.48	
1978		14.28	59 57.0	11.93	F8	0.50	
1979		14.31	63 58.9	12.54	—	0.77	
1980	61°2413	14.31	61 41.4	(6.50)	B8	—	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
1981		23 14.31	62 58.9	12.12	A0	0.18	
1982		14.33	60 31.3	12.70	A	0.46	
1983		14.33	58 45.1	11.64	G2	0.64	
1984		14.34	60 17.2	12.72	A	0.44	
1985		14.35	58 24.3	11.43	G8	1.05	
1986		14.36	60 09.3	11.14	G0:	0.52	
1987		14.38	59 18.0	11.85	B5	0.14	
1988		14.38	59 30.2	12.64	B	0.50	
1989		14.39	62 10.3	12.33	F5	0.47	
1990	58°2570	14.40	59 09.7	10.48	F5	0.33	
1991		14.40	60 44.1	12.24	—	0.46	
1992		14.41	60 12.7	11.98	B2	0.39	
1993		14.41	62 15.7	11.49	F2	0.27	
1994		14.41	58 49.0	11.53	G5	—	
1995	59°2689	14.42	59 37.9	10.22	A0	—0.02	
1996		14.43	63 04.5	10.75	A0	—0.17	
1997	62°2207	14.44	63 27.2	11.14	G8	0.69	
1998		14.47	58 41.1	12.39	F0	0.65	
1999		14.50	64 47.8	11.35	A0	0.20	
2000		14.54	60 34.8	11.90	A5	0.26	
2001		14.57	59 19.5	11.25	B5	0.03	
2002		14.57	60 46.5	11.93	A0	0.51	
2003		14.58	60 19.9	12.57	—	0.53	
2004		14 58	60 34.2	11.11	A0	—0.09	
2005		14.59	61 52.0	12.66	F5	0.66	
2006		14.59	59 11.2	10.84	F5	0.45	
2007		14.60	60 11.5	12.11	B2	0.05	
2008		14.60	64 16.5	12.30	G2	—	
2009		14.60	63 30.3	11.04	F5	0.22	
2010		14.61	62 31.0	11.47	F8	0.47	
2011		14.62	63 43.4	11.34	G0	0.51	
2012	58°2571	14.63	59 25.8	9.70	A5	0.30	
2013	61°2414	14.64	61 31.7	9.48	A8	0.46	16645 AB
2014		14.70	60 13.3	12.78	A	0.24	
2015		14.71	58 58.4	12.08	A5	0.48	
2016		14.72	58 20.0	11.29	G0	0.61	
2017		14.72	61 10.3	12.32	G0:	0.57	
2018	59°2690	14.72	59 40.8	9.06	A0	—0.14	
2019		14.72	61 36.1	10.05	A2	0.06	
2020		14.73	63 04.0	11.13	A0	0.11	
2021		14.73	59 57.3	12.29	A2	0.21	
2022		14.75	59 34.1	12.55	—	—	
2023		14.75	62 58.5	12.32	—	0.00	
2024	63°1961	14.76	64 12.3	11.31	K2	1.30	
2025	60°2512	14.77	60 39.0	10.47	gK0	1.25	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
2026		23 14.79	63 37.5	10.83	A0	0.19	
2027		14.79	61 20.4	11.66	A0	0.08	
2028		14.80	59 07.8	11.77	F0	0.36	
2029		14.83	61 16.4	11.65	A0	0.15	
2030		14.83	59 38.9	12.18	F	0.43	
2031		14.87	62 57.0	11.63	F2	0.23	
2032		14.89	58 48.1	10.83	A0	0.01	
2033		14.89	63 22.6	12.55	G0	0.62	
2034	59°2691	14.90	59 42.0	11.00	gK0	1.06	
2035		14.92	64 26.8	11.87	A	0.39	
2036		14.94	61 37.2	11.10	cB0	0.80	
2037	63°1962	14.97	63 30.9	8.49	B2	0.03	
2038		15.00	64 52.5	10.65	F2	0.15	
2039		15.00	59 44.7	11.09	B2	0.32	
2040		15.02	59 13.6	12.11	B5	0.58	
2041		15.03	61 05.7	11.16	A2	0.24	
2042		15.04	59 11.7	12.17	B	0.50	
2043	62°2208	15.08	62 52.4	10.00	F2	0.22	
2044		15.08	62 24.3	11.86	A5	0.26	
2045		15.10	64 19.5	12.30	F8	0.36	
2046		15.13	59 28.2	12.30	—	0.38	
2047		15.14	59 25.9	11.91	F	0.41	
2048		15.17	62 35.9	12.69	G0:	0.57	
2049		15.18	59 43.3	12.31	B3:	—	
2050		15.18	62 44.5	12.34	F5	0.56	
2051		15.19	61 19.7	12.06	A8	0.29	
2052		15.19	59 43.2	11.72	K0:	—	
2053	63°1964	15.21	63 51.0	9.02	cB0	0.46	
2054		15.21	61 36.7	11.55	A0	0.01	
2055		15.21	59 59.8	11.52	F5	0.50	
2056	59°2692	15.22	59 59.0	9.95	B2	—0.04	16651
2057	60°2513	15.24	61 09.2	11.58	G8	0.91	
2058		15.25	64 18.8	12.70	G5	—	
2059		15.26	63 19.5	11.02	A0	—0.18	
2060		15.26	60 13.5	11.37	B5	0.16	
2061		15.27	63 10.9	12.30	F	0.10	
2062		15.29	63 38.8	11.90	—	0.08	
2063	61°2416	15.29	62 31.5	11.19	G8	1.03	
2064	63°1963	15.30	63 42.6	11.77	M	1.31	
2065		15.30	59 31.1	11.86	F8	0.28	
2066		15.30	60 08.4	12.18	A	0.16	
2067		15.32	59 25.2	12.01	G8:	1.19	
2068		15.37	59 10.3	11.86	G8	0.86	
2069		15.40	62 11.3	12.14	F5	0.23	
2070		15.40	59 43.9	12.50	F5	0.58	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
2071	59°2693	23 15.41	60 23.0	9.70	gK2	1.30
2072		15.42	60 48.0	12.52	A0	0.47:
2073		15.44	60 11.8	10.47	A0	—0.05
2074		15.46	60 39.2	11.46	A0	—0.02
2075		15.49	59 49.5	12.10	B8	0.14
2076		15.50	58 14.7	11.68	A0	0.45
2077		15.52	59 27.2	10.53	A2	—0.04
2078		15.56	61 12.0	11.38	A0	—0.12
2079	63°1965	15.56	64 29.0	9.17	F2	0.27
2080		15.56	62 46.6	12.10	A0	0.38
2081		15.59	60 54.0	12.18	F5	0.50
2082		15.60	64 13.5	12.46	A	0.21:
2083	62°2209	15.60	62 43.5	9.82	K5	1.39
2084		15.60	62 48.1	12.03	A0	0.21
2085		15.60	59 28.5	12.09	F8	0.50
2086	59°2694	15.61	60 23.2	8.78	A0	—0.18
2087	60°2514	15.61	60 52.5	10.24	gK0	1.10
2088		15.61	62 55.6	10.65	K2	1.32
2089	61°2417	15.62	62 25.7	10.98	F2	0.26
2090		15.63	60 10.7	10.62	A0	0.03
2091		15.65	61 28.1	12.14	A2	0.16
2092		15.68	61 10.2	11.91	B5	0.29
2093		15.69	62 42.2	11.88	A0	0.09
2094		15.69	60 16.3	11.08	A2	0.32
2095		15.70	59 14.6	11.12	A0	—0.04
2096		15.70	59 47.5	10.50	A2	0.05
2097	63°1966	15.70	63 49.5	8.46	A2	—0.27
2098		15.72	64 32.8	11.84	A8	0.65
2099		15.72	63 19.6	12.00	A5	0.26
2100		15.75	58 35.7	12.44	A5	0.74
2101		15.76	64 16.7	11.76	F2	0.41
2102		15.76	60 07.0	11.85	A2	0·13
2103		15.78	58 46.2	11.38	A0	0.22
2104		15.79	59 06.8	12.38	F0	0.53
2105		15.80	60 15.0	12.38	A5	0.40
2106		15.80	60 52.6	12.15	B8	0.27
2107		15.80	58 10.8	12.41	A0	0.55
2108		15.81	61 42.9	12.34	A5	0.58
2109		15.81	61 37.1	10.33	A0	0.04
2110		15.82	61 31.8	12.06	A2	0.38
2111		15.82	59 41.5	12.18	A	0.38
2112	59°2695	15.82	59 35.7	9.12	B0	0.34
2113	59°2698	15.83	60 00.6	10.65	B2	0.09
2114		15.83	60 07·6	12.46	A5	0.32
2115		15.84	59 23.8	12.42	A	0.24

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
2116		23 15.86	58 05.1	12.60	A5:	0.50
2117		15.88	59 45.7	11.57	A0	0.07
2118	63°1967	15.89	63 52.0	8.76	A0	0.08
2119		15.89	62 19.0	12.29	F8	0.55
2120	59°2697	15.94	60 22.4	9.41	A0	0.11
2121	57°2718	15.96	58 24.8	9.96	F5	0.54
2122		15.97	60 39.7	12.67	F5	0.63
2123		15.98	64 46.8	11.21	A2	0.21
2124	59°2696	15.98	59 53.2	10.14	A5	0.58
2125		16.00	62 25.3	12.17	A2	0.40
2126		16.00	62 15.9	12.25	B3	0.77
2127		16.03	60 16.9	12.30	—	0.28
2128		16.03	60 00.0	10.84	K2	1.98
2129		16.06	60 21.8	11.57	A8	—0.01
2130		16.07	62 06.3	12.18	F2	0.45
2131		16.08	62 55.0	11.40	F2	0.21
2132		16.12	63 36.0	12.01	F5	0.31
2133		16.14	63 02.1	12.19	A2	0.43
2134		16.14	63 22.0	11.82	F5	0.37
2135		16.14	60 19.2	11.90	B8	0.21
2136		16.15	59 27.0	11.25	A0	0.02
2137		16.15	59 34.4	12.10	A0	0.31
2138	58°2572	16.16	59 12.7	8.91	A8	0.43
2139		16.18	64 20.8	11.88	F0	0.40
2140	61°2418	16.19	61 31.1	10.96	A2	0.08
2141		16.19	63 54.0	11.23	A0	—0.14
2142		16.20	59 18.0	11.47	A0	0.45
2143		16.22	58 48.0	11.60	F8	0.31
2144	61°2419	16.22	61 33.4	10.33	F8	0.46
2145	93°1968	16.24	64 12.4	10.24	A0	0.23
2146		16.27	63 25.8	12.00	G8	1.16
2147		16.27	61 14.2	11.63	G8	0.84
2148		16.28	63 15.4	10.26	A0	—0.16
2149		16.29	62 26.5	12.21	G8	1.71
2150		16.33	58 38.8	12.01	G0	0.54
2151		16.34	61 49.0	12.02	K2	1.21
2152		16.36	64 54.2	11.19	F5	0.39
2153		16.36	59 35.8	12.09	B8	0.33
2154		16.36	59 32.8	12.90	A	0.98
2155		16.36	60 24.4	11.94	F5	0.41
2156	60°2516	16.36	61 11.8	10.44	gK0	1.11
2157		16.36	59 50.7	12.76	G	0.95
2158		16.37	60 12.0	12.16	—	0.18
2159	60°2517	16.37	60 32.8	11.43	A2	0.19
2160		16.38	61 56.3	11.58	A0	0.34

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
2161		23 16.38	60 49.9	12.48	G2	0.85	
2162		16.40	61 31.5	11.74	A2	0.14	
2163	60°2518	16.40	60 37.4	10.65	gK0	1.30	
2164		16.40	60 01.0	12.47	A	0.27	
2165	61°2420	16.43	62 22.9	10.76	A2	0.14	16667
2166		16.44	60 18.3	12.28	A0	0.33	
2167	62°2210	16.44	63 14.1	9.32	cB0	0.87	
2168	64°1785	16.47	64 43.4	11.12	F8	0.41	
2169	63°1972	16.48	64 10.3	11.27	A5	0.10	
2170		16.50	63 52.0	12.54	A	0.50	
2171		16.57	63 18.3	12.04	A0	0.21	
2172		16.58	60 00.0	11.83	A0	0.14	
2173		16.59	61 07.4	12.70	G0	0.59	
2174	58°2573	16.59	58 54.6	9.90	A0	0.14	
2175	63°1969	16.61	63 37.3	10.36	A0	0.13	
2176	62°2211	16.63	63 04.5	10.39	F8	0.41	
2177		16.63	60 19.2	12.33	B8	0.42	
2178		16.66	59 09.6	11.90	G8	1.12	
2179		16.69	63 36.0	12.50	F	0.47	
2180		16.70	63 10.8	12.17	F2	0.40	
2181		16.74	61 28.3	11.00	G8	0.92	
2182		16.75	61 59.2	11.86	K	1.32	
2183	59°2699	16.76	60 08.9	9.12	cB0	0.36	
2184		16.78	61 16.2	12.58	A0	0.31	
2185		16.78	58 49.5	11.72	A2	0.28	
2186		16.78	59 16.2	11.72	G0	0.52	
2187		16.79	61 44.9	11.17	A8	0.22	
2188		16.80	59 29.8	12.65	—	0.63:	
2189		16.80	59 07.3	10.90	B8	0.14	
2190	61°2421	16.81	62 01.8	10.30	F5	0.44	
2191		16.82	60 21.3	12.73	F8	0.57	
2192		16.82	58 37.0	12.28	F0	0.52	
2193		16.82	63 23.6	11.35	A0	0.11	
2194		16.85	61 07.7	12.09	F8	0.54	
2195		16.86	64 25.1	11.65	A0	0.01	
2196		16.88	64 54.0	11.76	G0	0.58	
2197		16.88	59 53.3	12.49	—	0.69:	
2198		16.89	64 11.4	12.29	G5	—	
2199	63°1970	16.90	64 10.6	11.72	G8	1.04	
2200		16.90	64 35.9	11.42	A0	0.08	
2201		16.92	63 09.2	12.64	—	0.56	
2202		16.92	62 12.3	11.93	G2	0.53	
2203	61°2422	16.93	61 43.0	10.48	A0	—0.16	
2204		16.97	59 18.5	12.70	G0:	0.71:	
2205		16.97	59 52.1	12.81	G2	0.66	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
2206		23 16.98	59 42.4	12.36	B3	0.46:	
2207		16.98	61 06.8	12.65	G0	0.43	
2208	62°2212	16.99	62 42.3	9.95	A0	—0.06	
2209		17.00	59 28.6	11.84	G2	0.78	16678
2210		17.01	64 57.4	12.03	K2:	1.68	
2211		17.01	59 48.7	12.67	B8	0.13	
2212		17.05	62 06.4	12.66	G0	0.57	
2213		17.06	60 06.0	12.42	A5	0.36	
2214	60°2519	17.07	61 15.0	8.81	F0	0.31	16677 A
2215		17.08	59 40.5	12.61	B8	0.27	
2216		17.09	64 51.3	12.37	G0	0.57	
2217		17.10	63 52.4	12.57	F5	0.50	
2218		17.16	59 18.4	12.83	A5	0.27	
2219		17.17	63 01.9	11.43	A5	0.03	
2220	58°2574	17.17	58 55.3	10.70	F2	0.50	
2221		17.20	58 00.0	12.40	G5	0.84	
2222	61°2423	17.20	62 28.7	9.7	gK5	—	var.
2223		17.20	60 34.3	12.76	F0	0.46	
2224		17.23	61 14.8	12.61	G0	0.54	
2225	58°2575	17.26	59 07.0	11.31	A5	0.43	
2226	62°2213	17.30	63 14.9	11.29	F0	0.24	
2227		17.30	64 21.2	11.28	F8	0.16	
2228		17.30	60 15.0	12.47	G	0.66	
2229		17.31	58 20.9	12.44	G0	0.57	
2230		17.35	59 46.5	12.49	A0	0.15	
2231		17.36	59 54.9	11.41	B3	0.20	
2232		17.37	61 19.4	11.43	F8	0.28	
2233	58°2576	17.37	59 12.8	10.26	A8	0.78	
2234	57°2721	17.37	58 31.3	9.50	G0	0.50	
2235	59°2700	17.38	60 19.3	10.19	A2	0.74	
2236	57°2720	17.38	58 05.3	10.36	gG8	0.95	
2237		17.39	59 16.5	12.22	—	0.40	
2238		17.40	59 53.1	11.57	B5	0.09	
2239		17.46	60 27.3	10.47	dK2	0.94	
2240	62°2214	17.50	62 40.5	10.85	F0	0.31	
2241	58°2577	17.50	59 21.9	7.72	B8	—0.27	
2242		17.50	59 28.0	12.12	—	0.52	
2243		17.55	60 28.6	12.54	—	0.52	
2244		17.56	59 59.9	11.55	A8	0.13	
2245		17.59	63 54.4	12.26	F0	0.36	
2246		17.60	61 30.0	10.78	A0	0.28	
2247		17.60	62 43.2	11.45	B3	0.35	
2248		17.61	62 24.2	11.41	G2	0.51	
2249		17.62	60 40.5	11.95	F5	0.51	
2250		17.62	59 27.7	11.35	A0	—0.04	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
2251		23 17.64	61 03.7	11.10	A0	—	
2252	60°2520	17.65	61 04.6	9.88	A0	0.28	
2253		17.69	63 55.8	12.09	B8:	0.25	
2254		17.70	63 43.7	12.18	F	0.30	
2255		17.72	62 55.0	11.96	F5	0.38	
2256		17.73	63 00.1	11.05	F0	0.41	
2257		17.77	60 01.9	12.16	F8	0.40	
2258	60°2521	17.78	60 52.2	(6.81)	B5	—	
2259	63°1971	17.78	64 01.4	10.30	A0	—	
2260		17.78	64 06.1	12.64	G0	0.58	
2261		17.79	64 14.7	12.39	A	0.40	
2262	64°1787	17.80	64 34.8	7.38	A5	0.21	
2263		17.80	59 59.1	11.69	F5	0.43	
2264		17.81	60 07.8	12.24	—	0.32	
2265		17.84	59 51.0	12.25	A	0.25	
2266		17.88	60 09.6	12.59	A	0.23:	
2267	62°2215	17.90	63 20.5	10.29	gG8	0.87	
2268	61°2424	17.92	61 52.1	8.83	G0	0.44	
2269		17.94	61 37.6	11.74	A0	—0.10	
2270	57°2722	17.95	58 15.0	12.14	G8	1.82	
2271		17.95	64 24.0	12.09	K	1.50	
2272		17.96	61 41.1	12.65	—	1.02	
2273	58°2578	17.96	58 31.1	10.24	F0	0.27	
2274		17.97	61 33.1	12.09	—	0.46	
2275		17.97	59 41.9	12.72	F	0.53:	
2276		17.98	60 05.6	12.56	—	1.07	
2277		17.99	61 43.4	11.23	K0	0.98	
2278	61°2425	18.00	62 12.0	10.39	gK0	1.05	
2279		18.00	58 47.7	12.38	F0	0.42	
2280	61°2426	18.00	62 21.3	7.95	F2	0.29	12530 B
2281		18.00	60 11.0	12.13	—	1.32	
2282		18.02	64 05.9	12.30	—	0.38	
2283	59°2701	18.02	59 59.8	7.16	cF3	0.44	
2284		18.02	59 31.5	12.38	A0	0.30	
2285		18.03	60 00.0	11.88	—	1.01	
2286		18.03	60 40.6	12.18	A0	0.24	
2287		18.03	61 32.4	12.40	F8	0.63	
2288		18.04	64 22.7	11.57	A0	0.13	
2289		18.09	61 58.7	12.38	G0	0.50	
2290	61°2427	18.09	61 42.1	8.17	K6	1.77	
2291	57°2723	18.09	58 15.0	9.16	G2	0.60	
2292		18.10	64 15.2	12.04	A5:	0.06	
2293		18.10	59 29.8	11.02	G8	0.77	
2294		18.10	58 46.6	12.93	B8:	0.93	
2295		18.10	60 35.3	12.82	A	—	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
2296		23 18.10	64 03.0	11.50	B8	0.34	
2297		18.11	59 54.7	11.45	F8	0.33	
2298		18.11	60 52.8	12.81	G	0.96	
2299		18.14	60 22.5	12.32	A8	0.36	
2300		18.15	64 17.8	11.70	G0	0.46	
2301		18.15	58 56.2	12 66	F	0.49	
2302		18.18	60 46.2	10.04	A0	—0.01	
2303		18.20	63 53.5	12.16	G8	1.29	
2304		18.20	61 50.3	12.47	G5	0.76	
2305		18.20	61 12.2	11.41	F8	0.41	
2306		18.20	60 13.7	12.58	—	0.48	
2307	59°2702	18.20	60 10.2	9.88	A0	0.22	
2308		18.21	58 26.8	12.45	K	1.70	
2309		18.22	59 37.0	12.62	F0	0.38	
2310	64°1789	18.25	64 32.7	9.76	A0	0.02	
2311		18.31	61 15.0	12.84	A	0.53:	
2312		18.31	59 55.8	12.58	A5:	0.48	
2313		18.33	63 52.5	11.65	A0	0.35	
2314		18.34	58 54.0	11.98	F0	0.60	
2315		18.35	60 48.2	11.40	A2	0.68	
2316		18.35	59 03.0	12.36	G8	—	
2317	57°2724	18.36	58 00.4	9.04	cB0	0.34	
2318		18.40	63 44.2	11.15	A0	—0.14	
2319	62°2216	18.40	63 27.6	11.04	F5	0.29	
2320	58°2579	18.40	58 33.0	10.80	F0	0.78	
2321		18.40	59 55.2	11.49	B5	0.26	
2322	61°2429	18.41	62 17.4	8.96	F5	0.36	16690A
2323	61°2428	18.41	61 56.8	8.11	gK2	1.71	
2324		18.42	58 07.2	11.92	F5	0.47	
2325	64°1790	18.44	64 44.2	9.92	A0	0.18	
2326		18.45	63 28.6	12.07	F	0.52	
2327		18.47	64 11.0	12.62	—	1.07	
2328		18.47	61 51.0	12.29	F5	0.27:	
2329		18.49	62 40.6	11.70	F8	0.51	
2330	60°2522	18.50	60 55.2	8.71	cB2	0.21	
2331		18.51	60 07.8	12.03	F0	0.45	
2332		18.55	59 31.5	11.25	A0	—0.03	
2333		18.56	59 28.2	12.40	—	0.40	
2334		18.57	60 45.9	11.27	A0	0.11	
2335		18.57	58 53.2	11.87	G2	0.97	
2336		18.58	59 43.4	11.35	G5	0.55	
2337		18.59	59 15.3	11.02	A0	—0.06	
2338		18.59	58 54.7	11.85	G0	0.53	
2339		18.60	59 52.2	11.99	B2	0.19	
2340	61°2430	18.62	62 07.8	8.02	A0	—0.14	16692

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
2341		23 18.64	61 50.8	12.31	—	0.55	
2342	61°2431	18.64	61 51.3	10.15	A5	0.64	
2343	63°1973	18.65	63 52.9	10.54	A2	0.03	
2344	62°2217	18.65	63 04.5	10.22	F0	0.26	
2345		18.67	63 39.9	12.67	—	0.57	
2346	64°1792	18.67	64 57.0	11.16	F5	0.38	
2347		18.68	62 43.5	11.99	G2	0.62	
2348		18.70	63 54.0	11.95	A0	0.03	
2349		18.70	62 08.5	12.0:	F	—	
2350		18.70	60 28.5	12.36	G	1.12	
2351		18.72	58 15.0	12.17	A2	0.51	
2352		18.73	60 11.8	12.88	F	0.56:	
2353	61°2432	18.76	61 53.8	10.62	F5	0.37	
2354		18.77	61 12.0	12.76	—	0.70	
2355		18.80	62 57.0	11.07	A0	—0.17	
2356		18.80	60 42.1	12.30	A0	0.30	
2357		18.80	62 05.0	11.80	F8	0.48	
2358		18.81	60 51.4	11.41	F8	0.88	
2359	58°2581	18.82	59 30.5	9.06	A8	0.01	
2360		18.82	61 42.0	11.09	A0	0.33	
2361		18.83	59 36.2	11.07	A2	—0.13	
2362		18.84	64 29.5	12.10	F8	0.54	
2363		18.84	61 30.6	12.57	B	0.72	
2364	59°2703	18.86	60 11.2	8.30	gK2	1.24	
2365		18.89	58 06.2	12.35	G5	1.36	
2366	59°2705	18.92	60 28.4	10.27	F5	0.43	
2367		18.92	60 40.5	12.57	A0	0.35	
2368	58°2580p	18.94	58 40.6	10.77	cB0	0.64	
2369	61°2433	18.94	61 44.7	8.92	gK0	1.03	
2370		18.96	58 48.1	12.45	F5	—	
2371		18.98	63 59.9	11.74	F5	0.20	
2372		18.98	63 01.9	12.02	F	0.44	
2373		18.98	61 27.4	12.24	G0	0.52	
2374		18.99	61 54.0	12.37	F8	0.39	
2375	63°1974	19.00	64 28.5	7.17	B8	—0.17	
2376	59°2704	19.00	60 18.0	10.18	A2	0.32	16695 AB
2377		19.01	64 09.8	12.40	F8	0.47	
2378		19.02	60 12.0	11.90	F5	0.97	
2379		19.02	61 15.4	12.44	—	1.17	
2380	59°2706	19.04	60 21.7	10.33	gK5	1.46	
2381		19.07	60 22.8	11.93	F5:	0.41	
2382		19.07	59 07.4	11.86	A5	0.13	
2383	60°2523	19.08	60 41.5	9.89	B2	0.11	
2384		19.09	60 29.0	10.43	A0	—0.07	
2385		19.12	60 35.6	11.81	A	0.17	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
2386		23 19.14	60 05.5	10.50	F0	0.37
2387		19.16	63 05.8	12.09	G8	1.12
2388		19.18	60 43.9	11.42	B5	0.06
2389		19.19	62 03.6	11.86	F5	0.40
2390		19.20	59 54.0	11.17	F5	0.37
2391		19.23	61 36.6	12.03	A0	0.48
2392	60°2524	19.24	60 50.0	9.95	gK0	1.10
2393	63°1975	19.25	63 53.7	8.58	A0	—0.28
2394	57°2728	19.25	58 06.0	10.03	B5	0.47
2395		19.30	63 13.0	12.03	G0	0.59
2396		19.32	60 31.5	11.83	F5	0,35
2397		19.32	62 54.8	12.07	G8	1.06
2398		19.35	60 32.0	11.54	A0	0.03
2399		19.35	58 05.9	11.94	A0	0.28
2400		19.37	60 23.2	11.60	A0	0.28
2401		19.39	59 48.1	11.82	G8	0.96
2402		19.39	60 17.3	11.96	G2	0.58:
2403		19.40	62 38.8	11.97	F8	0.41
2404		19.41	63 41.8	11.50	F5	0.43
2405	63°1976	19.42	63 40.1	10.08	A0	0.06
2406		19.42	59 28.8	11.14	F5	0.36
2407		19.42	58 19.7	12.41	F5	0.50
2408		19.43	59 13.2	12.47	A	0.35
2409		19.44	61 09.2	12.02	A0	0.12
2410	62°2218	19.45	62 33.5	9.30	gG8	0.93
2411		19.48	59 39.6	12.25	K5:	1.44
2412		19.50	60 03.4	10.40	A0	—0.17
2413	62°2219	19.52	63 27.4	11.22	K0	0.34
2414		19.52	64 18.8	10.21	A0	—0.11
2415		19.52	59 03.0	11.91	A5	0.46
2416		19.52	61 02.2	11.98	A0	0.16
2417		19.55	64 00.9	11.91	B8	0.39
2418	60°2525	19.56	60 34.2	9.72	B0	0.12
2419		19.57	62 00.8	12.49	G0	0.49
2420		19.58	61 40.7	11.52	B2	0.36
2421		19.60	59 40.8	10.32	A0	—0.06
2422		19.60	58 31.6	11.47	A0	0.35
2423		19.64	61 27.0	10.62	B3	0.32
2424		19.65	59 00.3	12.32	—	0.78
2425		19.66	61 22.5	11.59	B5	0.42
2426		19.66	58 58.4	12.31	—	0.51
2427		19.67	59 48.2	12.65	B0:	0.49
2428		19.70	59 24.5	12.74	G2	0.58:
2429		19.70	60 15.0	12.49	B:	0.41
2430		19.70	61 50.8	12.59	A	0.45

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
2431	62°2220	23 19.72	63 25.0	11.11	A0	0.16	
2432		19.73	61 07.6	12.81	A0	0.53	
2433		19.74	60 31.5	12.31	F0	0.31	
2434		19.75	60 46.7	12.52	A	0.24	
2435		19.75	59 16.5	11.68	A0	0.27	
2436		19.75	62 39.4	12.28	F8	0.37	
2437		19.80	61 52.0	12.45	G0	0.47	
2438	59°2707	19.80	60 05.3	10.32	B5	0.32	
2439		19.80	63 09.9	12.31	G0	0.52	
2440	59°2708	19.82	60 08.7	9.98	A0	0.10	
2441	62°2221	19.82	62 45.0	10.60	—	0.34	
2442		19.84	60 41.4	12.03	B0	0.33	
2443		19.84	59 05.5	12.55	A2	0.47	
2444	63°1978	19.85	64 15.2	7.81	A	—0.16	
2445		19.86	60 16.5	11.79	B5	0.23	
2446		19.89	61 58.5	12.17	G5	0.75	
2447		19.91	63 45.7	12.19	F5	0.35	
2448	60°2526	19.91	61 04.1	10.28	G2	0.56	16704 AB
2449	61°2434	19.92	61 52.8	11.58	B0	0.56	
2450		19.93	62 53.8	10.61	A0	—0.13	
2451		19.96	60 54.1	11.93	F5	0.93	
2452		20.00	61 04.6	11.65	G5	—	
2453	61°2435	20.00	62 16.8	8.56	A0	—0.24	
2454		20.00	59 14.0	12.08	A	0.36	
2455	63°1980	20.02	63 36.1	9.49	G2	0.70	
2456		20.02	60 21.1	11.82	G8	1.16	
2457		20.02	61 25.2	11.23	F2	0.29	
2458	58°2582	20.02	59 12.1	10.37	A0	—0.09	
2459	63°1979	20.06	63 54.8	10.08	A0	—0.02	
2460		20.07	63 34.3	11.13	A0	—0.07	
2461		20.07	63 44.4	11.61	A8	0.13	
2462		20.07	63 16.7	11.93	A5	0.21	
2463		20.12	60 58.3	12.40	B8	0.58	
2464		20.12	61 34.5	10.94	—	0.39	
2465		20.12	60 08.5	10.90	A0	—0.04	
2466		20.12	61 34.7	11.62	—	—	
2467		20.13	63 28.1	12.28	A3	0.19	
2468		20.13	64 56.0	10.44	A2	0.10	
2469		20.14	59 33.0	12.34	—	0.24	
2470		20.15	59 52.5	10.39	A0	—	
2471		20.16	59 21.0	11.98	B5	0.16	
2472	60°2527	20.16	60 44.7	10.80	B0	0.27	16709
2473	59°2710	20.18	59 51.4	7.66	gK5	—	
2474		20.20	62 16.4	11.57	F0	0.30	
2475	58°2583	20.20	59 01.9	11.29	M	2.42	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
2476		23 20.21	59 18.4	12.46	A0	0.52	
2477	59°2709	20.21	59 35.5	10.60	G8	0.75	16710
2478		20.22	59 19.6	12.74	A2	—	
2479		20.23	58 52.5	11.95	A0	0.31	
2480		20.23	60 34.8	12.38	A0	—	
2481	58°2584	20.24	58 49.6	10.24	G2	0.56	
2482		20.27	58 19.8	12.23	A2	0.54	
2483	59°2711	20.30	60 24.6	10.93	dK0	—	
2484		20.31	63 28.3	12.36	A8	0.42	
2485		20.32	63 01.0	11.95	G5:	1.00	
2486		20.32	60 24.5	12.08	—	—	
2487		20.33	62 41.2	12.35	A0	0.17	
2488		20.34	59 54.3	11.59	B8	0.07	
2489	61°2436	20.36	61 45.0	9.51	A0	—0.19	
2490		20.39	62 33.5	12.31	A2	0.20	
2491		20.40	64 51.5	12.02	A2	0.01	
2492	60°2528	20.40	60 57.5	10.48	F8	0.57	
2493		20.41	59 25.5	12.55	—	0.75	
2494		20.42	59 39.8	11.81	F8	0.39	
2495		20.42	60 33.5	11.21	A0	0.07	
2496		20.43	61 32.1	10.62	F2	0.16	
2497		20.44	60 13.6	11.31	A0	—0.07	
2498	58°2585	20.45	59 22.8	10.56	A0	0.00	
2499		20.46	61 14.8	11.53	F5	0.21	
2500		20.46	63 06.1	10.98	A2	—0.11	
2501		20.47	60 20.0	11.47	F5	0.39	
2502		20.47	61 20.9	11.02	A0	—0.15	
2503		20.48	63 18.0	12.60:	A0	—	
2504		20.52	61 03.7	10.56	A0	—0.25	
2505		20.53	60 50.3	12.06	G	1.12	
2506		20.54	60 53.3	11.56	B5	—	
2507		20.54	59 45.0	11.64	G0	0.57	
2508		20.55	59 01.3	11.60	G0	0.58	
2509		20.56	60 38.6	11.94	B5	0.10	
2510	62°2222	20.56	63 22.3	10.50	G5	0.68	
2511	63°1982	20.59	63 36.5	8.90	A0	—0.22	
2512	61°2437	20.60	62 13.0	11.10	dK0	0.99	
2513		20.60	61 34.9	10.46	B8	0.02	
2514		20.60	59 51.5	11.58	G0	0.58	
2515		20.62	60 53.3	12.19	G2:	1.06	
2516		20.62	63 13.2	12.42	A	—	
2517		20.63	60 24.4	11.70	A0	0.02	
2518		20.64	60 30.4	11.2	A0	—	
2519		20.64	61 52.0	11.32	O	0.50	
2520		20.65	58 28.5	11.87	F8	0.45	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
2521		23 20.70	64 32.6	12.48	G0	0.52
2522		20.70	64 40.3	12.00	A0	0.53
2523	63°1981	20.70	64 25.2	10.35	F8	0.22
2524		20.70	63 55.2	12.00	G8	1.43
2525		20.72	60 50.4	11.77	A0	0.17
2526	64°1795	20.73	64 53.9	11.33	A0	—0.03
2527	61°2438	20.75	62 22.5	9.88	F2	0.39
2528		20.78	63 36.9	11.89	B8	0.15
2529	61°2439	20.78	62 21.0	8.47	A0	—0.16
2530		20.78	59 00.3	11.70	A0	0.17
2531	63°1983	20.78	64 02.8	11.16	G0	0.51
2532		20.79	63 29.3	12.65	G0	0.55
2533		20.80	59 39.8	12.66	G0	0.70
2534		20.80	62 35.6	12.07	F0	0.41
2535		20.81	60 07.1	10.79	A0	0.11
2536		20.81	59 18.7	12.18	A0	0.42
2537		20.81	60 41.7	12.19	F5	0.42
2538		20.84	61 50.1	12.17	F8	0.42
2539		20.85	64 39.8	11.79	F5	0.32
2540		20.86	59 28.5	12.16	B5	0.48
2541		20.86	61 35.6	11.89	F8	0.55
2542		20.86	58 32.2	12.02	F5	0.50
2543		20.89	61 57.0	12.44	F	0.50
2544		20.90	63 34.2	12.60	G8	0.88
2545		20.90	59 19.6	11.51	A0	0.33
2546		20.90	64 22.8	12.37	A0	0.38
2547		20.90	64 28.5	12.6 :	A0	—
2548		20.94	60 23.0	12.55	F	0.60
2549		20.97	60 16.8	12.03	—	0.34
2550		20.98	59 53.8	12.16	A0	0.38
2551		20.99	63 59.3	12.24	A5	0.20
2552		21.00	59 46.7	12.22	A8	0.47
2553		21.00	63 06.6	11.18	A0	—0.13
2554		21.01	58 17.2	11.50	A2	0.50
2555		21.03	63 02.8	12.74	F	0.54
2556		21.03	61 07.6	11.46	A0	—0.01
2557		21.07	58 36.3	12.15	A2	0.29
2558		21.10	58 23.8	12.62	A	0.52
2559		21.11	61 12.2	12.36	G2 :	0.65
2560		21.14	59 06.3	11.31	A0	0.41
2561		21.15	64 52.9	12.42	A0	0.33
2562	61°2440	21.15	61 44.7	9.71	A0	—0.16
2563		21.15	58 46.2	11.71	F2	0.35
2564		21.20	58 03.0	11.43	A5	0.57
2565		21.20	60 21.0	12.33	G	1.21

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
2566		23 21.22	64 20.4	11.75	A0	0.09
2567	60°2529	21.24	61 26.9	9.19	A8	0.09
2568		21.26	59 09.8	11.44	A0	0.34
2569		21.28	59 30.2	12.05	G8	1.12
2570		21.30	64 00.9	12.55	F5	0.53
2571		21.31	59 13.2	11.70	K	1.05
2572		21.33	58 28.0	12.33	F2	0.63
2573		21.36	60 17.6	12.40	B3	0.38
2574		21.38	59 15.5	11.62	A2	—
2575		21.38	59 54.7	11.27	dG8	0.59
2576	59°2712	21.38	60 12.5	10.29	K5	1.60
2577		21.39	59 28.6	12.90	A2	0.64
2578	61°2441	21.40	62 12.8	10.00	A0	0.00
2579		21.40	61 41.0	12.32	G	0.73
2580		21.40	60 57.3	12.20	A0	0.18
2581		21.40	60 28.2	11.56	B3	0.17
2582		21.42	61 33.9	12.24	B2	0.61
2583		21.42	62 42.6	12.15	A0	0.05
2584	60°2530	21.43	60 35.0	10.96	gG8	1.33
2585	64°1797	21.45	64 50.4	10.36	A3	0.19
2586		21.45	60 04.1	12.32	—	0.44
2587		21.45	59 10.3	11.46	A0	0.22
2588	62°2223	21.45	62 33.0	8.66	F8	0.30
2589		21.49	64 24.4	11.46	A2	—0.16
2590		21.50	61 50.2	12.49	G	0.86
2591		21.51	64 18.5	12.26	G0	0.50
2592	58°2586	21.57	58 54.1	9.25	A0	0.38
2593		21.57	58 20.3	11.14	A0	0.30
2594		21.58	60 56.3	11.38	G8	0.80
2595		21.59	58 24.0	11.84	F5	0.43
2596		21.59	62 19.4	11.70	G5:	—
2597		21.60	60 42.6	12.42	G8	1.25
2598		21.60	61 25.6	12.11	F	0.35
2599		21.60	63 33.4	12.34	F0	0.40
2600		21.60	62 47.0	12.64	F0	0.47
2601		21.60	61 18.6	12.50	B8:	0.36
2602		21.61	60 07.9	12.46	—	0.54
2603		21.61	62 19.4	12.18 :	A0	—
2604		21.61	58 12.1	11.23	A2	0.65
2605		21.61	58 52.6	12.25	G8	1.28
2606		21.63	61 32.1	11.70	G8	0.98
2607		21.64	59 06.8	12.32	G2	0.62
2608		21.64	61 04.7	11.90	—	0.28
2609		21.65	58 38.8	11.34	A0	0.22
2610		21.68	60 37.3	12.15	A0	0.13

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
2611		23 21.69	62 39.6	11.73	F8	0.34
2612	63°1985	21.70	64 15.9	10.24	gG8	0.84
2613	60°2531	21.70	60 59.7	9.48	A2	0.51
2614		21.70	60 29.0	11.80	B2	0.36
2615		21.71	58 42.1	11.88	K8	1.30
2616	63°1984	21.72	64 22.7	11.53	A0	0.00
2617		21.73	59 06.0	12.83	B8	0.70
2618		21.75	60 38.4	12.07	—	0.37
2619		21.78	59 26.6	12.54	A	0.38
2620		21.78	60 30.5	11.32	A0	—0.02
2621		21.80	58 46.8	12.63	A0	0.53
2622		21.80	61 19.1	11.04	B8	0.28+
2623		21.80	62 43.8	12.06	G0	0.46
2624		21.82	58 02.5	12.97:	A8	0.76:
2625		21.82	60 36.6	10.62	A0	—0.15
2626		21.83	59 46.6	12.27	A8	0.31
2627		21.84	62 05.8	12.14	B2	0.70
2628		21.84	64 33.3	11.65	F5	0.39
2629		21.87	64 31.1	11.97	F5	0.31
2630		21.92	59 57.2	12.20	—	0.55
2631	61°2442	21.94	62 18.0	10.82	A2	0.02
2632	58°2588	21.96	59 27.3	10.07	B3	0.57
2633		21.96	62 05.3	12.40	A	0.60
2634	58°2587	21.96	58 56.2	9.70	A0	0.20
2635		21.96	60 02.3	11.57	A2	0.02
2636		21.97	61 14.5	11.15	B	0.23+
2637		21.97	61 09.5	12.30	G0:	0.60+
2638		21.98	61 19.8	11.50	—	0.30+
2639	60°2532	21.99	61 18.4	9.14	F8	1.01+
2640		22.00	60 24.6	12.03	G8	1.04
2641	58°2588	22.00	59 27.7	10.15	A0	0.00
2642		22.01	61 17.8	10.93	B8:	0.00+
2643		22.02	59 12.4	12.04	B8	0.43
2644		22.03	62 11.9	11.35	B3	0.36
2645		22.05	61 22.3	12.45	—	0.29+
2646		22.06	62 00.0	11.79	A5	0.24
2647		22.08	60 52.1	11.63	F2	0.36
2648		22.08	61 20.3	11.64	—	0.27+
2649		22.09	59 22.0	11.30	B0:	0.65
2650		22.11	62 48.1	11.38	K0	0.91
2651		22.13	61 21.6	12.29	—	0.44+
2652		22.15	59 07.8	10.95	A0	0.31
2653	61°2443	22.17	62 12.7	10.34	A2	—0.03
2654	58°2589	22.17	58 40.3	10.06	F8	0.46
2655		22.18	61 18.2	12.20	—	— +

+ — означает, что звезда принадлежит к скоплению № GC 76 54

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
2656		23 22.18	60 57.8	10.87	B3	0.27
2657		22.18	61 20.0	11.56	B	0.20+
2658		22.18	63 23.2	11.62	A0	—0.04
2659		22.19	61 15.1	12.25	—	0.13+
2660		22.20	58 03.0	12.22	A0	0.50
2661		22.20	61 28.6	12.32	B8	0.40+
2662		22.20	59 41.8	12.30	A0	0.10
2663		22.20	61 21.2	11.34	B8	0.01
2664		22.20	63 03.6	12.14	G0	0.51
2665	63°1986	22.20	63 55.2	9.90	A0	—0.05
2666		22.22	61 20.6	12.10	—	— +
2667	60°2533	22.24	60 53.0	8.77	A0	0.18
2668		22.25	59 37.7	11.20	B5	0.38
2669		22.25	60 19.8	12.40	F8	0.44
2670		22.26	61 19.4	10.60	B8	0.18+
2671	63°1987	22.26	63 47.9	10.70	gG8	—
2672		22.27	61 28.3	12.46	—	0.50
2673		22.28	63 30.2	11.66	F5	0.18
2674		22.32	59 31.6	12.56	F0:	0.55
2675	58°2590	22.33	59 07.5	9.33	A0	0.24
2676		22.33	61 27.4	11.73	B8	0.49+
2677	63°1988	22.33	63 34.3	7.88	gK0	1.12
2678	59°2713	22.36	59 52.3	11.33	K3	1.36
2679		22.37	62 08.9	10.56	A0	0.10
2680		22.38	61 21.0	10.75	B8	0.09+
2681	64°1802	22.38	64 54.6	10.53	G0	0.51
2682	59°2714	22.38	59 43.8	11.27	G0	0.50
2683		22.39	64 44.6	12.60	A0	—
2684	61°2444p	22.39	61 59.6	10.28	F5	0.24
2685		22.39	61 18.7	11.56	—	—0.04+
2686		22.40	63 22.5	12.59	G2	1.00
2687		22.40	60 50.3	11.12	B8	0.06
2688	59°2715	22.40	59 48.2	9.27	A0	—0.05
2689		22.40	61 14.5	12.49	B	0.39+
2690	59°2716	22.40	59 54.6	9.86	A0	—0.02
2691		22.41	61 20.2	12.08	—	0.24+
2692		22.43	60 19.7	11.94	A0	0.08
2693		22.46	64 17.3	12.20	A2	0.28
2694	59°2717	22.46	60 02.7	9.74	F8	0.34
2695	59°2718	22.46	60 03.9	11.24	G8	1.14
2696		22.48	64 54.0	12.08	A0	0.10
2697	60°2534	22.48	61 03.7	11.01	M	1.91
2698		22.49	61 09.5	12.02	B8	0.21
2699		22.50	63 40.3	10.60	gK0	1.00
2700	64°1803	22.51	64 49.0	12.67	G0:	0.94

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
2701		23 22.52	58 01.3	12.14	A0	0.46
2702		22.53	59 51.3	12.30	F5	0.53
2703		22.53	61 17.7	11.72	—	0.02+
2704		22.54	61 20.8	10.52	B8:	0.07+
2705		22.55	59 29.7	11.22	A2	0.28
2706		22.55	61 17.8	11.88	—	0.24+
2707		22.55	62 43.3	11.98	K0	1.05
2708	62°2224	22.55	62 55.1	10.90	G8	0.96
2709		22.56	60 28.9	11.58	A0	0.05
2710		22.56	63 32.6	12.30	G	0.75
2711		22.56	61 20.0	11.3	—	— +
2712	60°2536	22.57	60 58.2	10.44	A0	—0.10
2713	62°2225	22.57	62 59.2	9.96	A2	—0.10
2714		22.59	61 14.8	12.02	—	0.32+
2715		22.59	61 00.6	12.13	—	0.45
2716		22.60	62 38.4	11.07	gG8	0.88
2717	61°2444	22.60	62 00.4	(6.96)	gM2	—
2718		22.61	63 59.0	11.86	A3	0.29
2719		22.62	58 26.2	12.57	A8	0.50
2720		22.62	62 16.6	11.78	B3	0.38
2721		22.63	63 56.5	12.20	F	0.42
2722		22.64	59 07.8	11.73	A8	0.45
2723		22.66	61 19.8	12.08	—	0.50+
2724		22.66	64 47.9	11.76	G0	0.53
2725	64°1804	22.72	64 43.0	10.65	A2	0.05
2726		22.73	61 19.4	11.86	B8:	0.31+
2727		22.73	61 25.3	12.28	B5	0.50+
2728		22.77	63 21.0	12.34	F8:	0.36
2729		22.78	62 53.4	11.07	A2	0.10
2730	61°2445	22.79	61 35.2	10.65	A2	—0.04
2731	57°2736	22.80	58 08.6	9.87	A8	0.50
2732		22.80	61 05.5	12.06	B	0.62
2733		22.81	59 47.8	12.10	A2	0.44
2734		22.82	63 27.0	11.36	A2	—0.01
2735		22.86	60 53.3	11.70	F5	0.52
2736	60°2537	22.87	61 05.0	10.50	M	1.74
2737	63°1989	22.88	64 16.6	8.70	A0	—0.24
2738		22.95	61 54.8	10.72	B8	—0.19
2739		22.96	58 00.2	12.54	F8	0.54
2740		22.98	61 00.6	10.72	A2	—0.10
2741		22.98	61 15.7	10.91	B5	0.28+
2742		23.00	64 06.9	12.35	A5	0.38
2743		23.00	60 25.0	11.72	G8	0.59
2744		23.00	60 30.5	12.12	F0	0.36
2745		23.02	60 15.6	11.25	F8	0.52

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
2746		23 23.02	61 15.6	12.00	B8	— —+
2747		23.07	62 30.3	11.61	A5	0.10
2748	59°2719	23.08	60 22.2	11.06	B3	0.44
2749		23.08	59 34.5	11.08	A0	0.18
2750		23.09	60 01.2	12.18	F8	0.51
2751		23.10	61 19.0	12.34	B	0.36+
2752		23.10	62 14.4	11.78	F5	0.52
2753		23.12	63 11.3	11 85	G8	1.19
2754		23.14	59 00.0	12.66	G	0.75
2755		23.16	60 55.0	11.24	A0	0.04
2756		23.20	61 00.4	11.56	A0	—0.04
2757		23.21	62 21.2	11.96	F8	0.46
2758		23.23	61 05.0	12.04	A	0.42
2759		23.25	62 01.0	11.04	A0	0.16
2760		23.27	59 28.6	11.57	B5	0.60
2761	60°2538	23.28	60 32.3	9.61	F5	0.41
2762		23.28	61 07.1	11.72	F0	0.35
2763		23.29	64 06.7	11.7:	G2	—
2764	63°1990	23.30	64 06.6	11.50	F0	—
2765		23.31	64 36.8	10.90	A2	0.11
2766		23.31	60 45.6	12.31:	B5:	—
2767	59°2720	23.32	59 47.2	10.36	A5	0.08
2768		23.32	60 45.6	11.98	B8	—
2769		23.32	60 09.8	12.31	A0	0.13
2770	61°2446	23.35	62 30.1	10.27	F8	0.44
2771		23.36	61 03.7	12.39	K	1.09
2772		23.36	61 55.0	11.19	F5	0.43
2773		23.37	60 13.6	12.33	A0	0.06
2774		23.39	63 50.5	11.37	A2	0.11
2775	62°2226	23.42	62 51.2	10.67	F8	0.24
2776	59°2721	23.43	60 26.6	10.87	gK0	1.09
2777		23.45	61 00.6	11.71	A	0.35
2778		23.47	61 05.3	12.30	—	0.27
2779	63°1991	23.50	64 24.4	10.68	F2	0.38
2780		23.51	62 53.9	12.01	A0	0.29
2781		23.51	59 07.5	11.20	G8	1.03
2782		23.51	61 35.1	12.41	F	0.50
2783		23.52	59 25.1	12.21	—	0.44
2784		23.52	64 58.3	12.03	F0	0.43
2785	61°2448	23.53	62 01.4	10.87	A2	—0.07
2786	58°2591	23.56	59 22.9	8.72	A0	0.16
2787		23.56	62 16.5	10.38	A0	—0.07
2788		23.56	61 18.7	11.93	B5	0.34+
2789	60°2539	23.58	61 09.0	8.36	A5	0.72
2790		23.60	62 33.2	11.43	F0:	0.03

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
2791		23 23.62	62 24.2	10.63	A5	—0.01	
2792		23.63	61 04.4	11.99	—	0.19	
2793		23.64	61 03.2	11.22	—	0.13	
2794		23.65	58 33.6	11.84	A8	0.64	
2795		23.68	59 32.7	12.10	A0	0.36	
2796	61°2447	23.69	62 04.6	11.30	F2	—	
2797	59°2722	23.70	59 56.8	11.55	gG8	1.02	
2798		23.72	64 06.5	12.28	A0	0.26	
2799		23.72	63 13.2	12.92	A	0.54	
2800		23.73	64 16.0	11.90	F5:	0.30	16751
2801	61°2448	23.74	61 56.7	9.95	A0	0.29	
2802		23.76	58 03.2	12.28	G0	0.50	
2803		23.80	63 44.9	11.40	A8	0.24	
2804		23.80	60 26.6	10.86	B5	0.16	
2805		23.82	64 18.4	12.41	F0:	0.60	
2806		23.82	63 22.0	11.42	B3	0.50	
2807		23.83	63 37.1	12.47	F	0.41	
2808		23.86	63 28.2	12.65	A	0.49	
2809		23.87	58 00.2	11.79	G5	1.15	
2810		23.89	59 31.5	12.13	—	0.60	
2811		23.89	59 32.1	11.39	G8	1.00	
2812		23.91	64 02.3	11.83	F	0.33	
2813		23.95	63 26.5	11.48	G5	—	
2814		24.02	59 30.8	12.33	A0	0.53	
2815		24.03	62 09.8	12.13	F8	0.43	
2816		24.05	64 10.0	11.17	A0	—0.09	
2817		24.05	63 50.9	11.28	A0	0.17	
2818		24.05	60 21.1	12.46	G8	0.84	
2819	60°2540	24.07	60 48.3	(6.77)	gA5	—	
2820		24.10	60 07.0	11.61	A0	0.13	
2821	62°2227	24.11	62 43.6	11.53	B8	0.44	
2822		24.11	61 49.9	12.62	F8	0.47	
2823		24.11	62 28.5	12.80	F0:	0.60	
2824		24.11	64 14.5	12.58	F5:	0.50	
2825	58°2593	24.13	59 01.2	9.16	A2	0.06	
2826	63°1992	24.14	63 37.5	10.03	A0	0.07	
2827		24.15	58 02.2	12.06	—	1.60	
2828		24.16	61 06.2	11.55	B5	0.03	
2829	58°2592	24.16	58 45.2	10.58	F2	0.38	
2830		24.17	60 10.6	12.34	A	0.24	
2831		24.17	63 21.4	12.18	A8	—0.02	
2832		24.18	60 49.9	10.34	B8	—0.14	
2833		24.19	60 12.5	12.33	A	0.32	
2834		24.19	61 26.6	12.13	F8	0.59	
2835		24.20	61 30.1	11.82	A2	0.42	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
2836		23 24.20	58 43.9	11.46	A0	0.26
2837		24.20	62 03.0	12.9:	A0	—
2838	59°2723	24.21	60 20.8	10.72	F0	0.26
2839		24.23	59 42.3	11.97	A0	0.27
2840		24.23	59 13.2	11.03	F8	0.53
2841	61°2449	24.24	61 38.1	10.42	gG8	0.95
2842		24.25	59 51.6	12.86	A0	0.40
2843		24.27	64 36.2	12.36	B8	0.32
2844	57°2738	24.27	58 24.6	11.53	gK0	1.30
2845	61°2450	24.28	62 28.6	10.25	cF8	1.10
2846		24.30	61 05.7	12.50	A0	0.40
2847	62°2228	24.30	63 04.2	10.58	F8	0.24
2848		24.31	60 46.4	11.49	A2	0.12
2849		24.32	62 35.8	12.64	—	1.60
2850		24.33	64 58.4	11.44	A0	—0.08
2851		24.34	61 26.4	12.78	G5:	0.88
2852	57°2739	24.36	58 28.7	9.86	G2	0.64
2853	63°1993	24.37	64 01.9	7.97	A5	0.17
2854		24.38	61 49.6	12.66	G0	0.50
2855		24.38	63 49.2	11.67	F2	0.55
2856		24.39	64 22.5	11.24	G0	0.51
2857		24.39	63 41.8	11.93	A0	0.03
2858		24.40	60 40.8	10.89	A0	—0.11
2859		24.41	59 58.0	11.92	B8	0.31
2860		24.42	61 27.7	12.70	G0	0.57
2861	59°2724	24.42	60 06.1	10.56	gK2	1.07
2862		24.43	63 15.0	9.04	A0	—0.10
2863		24.47	64 47.9	12.49	B7:	0.43
2864		24.48	63 58.5	12.42	A	0.30
2865		24.48	60 07.5	12.20	K0	1.20
2866		24.50	60 20.8	11.60	A0	0.06
2867		24.50	62 37.8	11.28	F8	0.37
2868		24.53	64 31.4	12.14	F5	0.37
2869	61°2451	24.53	61 47.9	10.70	gK0	1.12
2870	62°2229	24.55	62 44.0	11.29	A0	—0.11
2871	61°2452	24.55	61 32.6	10.36	F2	0.35
2872	63°1994	24.59	64 20.8	10.12	F8	0.48
2873		24.59	61 54.1	12.17	K0	1.16
2874	61°2453	24.60	62 18.4	10.25	A5	0.42
2875	60°2541	24.60	60 37.6	10.43	F8	0.47
2876	62°2230	24.61	63 05.2	10.58	F	0.46
2877		24.62	58 32.9	12.22	K0	1.33
2878	63°1995	24.63	63 57.8	8.68	A0	—0.09
2879		24.65	63 21.6	12.87	A	—
2880	59°2725	24.65	60 01.6	10.59	A0	0.00

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
2881		23 24.66	64 28.7	12.57	A8	0.43
2882		24.69	64 35.5	11.23	A0	0.28
2883		24.70	59 40.8	12.34	F0	0.62
2884		24.70	59 23.3	12.37	A	0.37
2885	58°2594	24.71	59 05.8	10.19	A0	0.16
2886		24.73	64 17.8	11.86	G0	0.50
2887	62°2231	24.74	62 57.9	11.83	G8	1.03
2888		24.76	61 45.1	12.42	G0	0.54
2889	63°1996	24.77	64 20.2	8.50	A0	—0.14
2890		24.78	61 52.3	12.72	G2	0.74
2891		24.80	60 38.2	11.49	F8	0.46
2892		24.81	60 36.1	12.70	—	0.21
2893		24.81	61 14.5	12.23	A0	0.33
2894	60°2542	24.84	61 06.0	9.36	cB8	0.50
2895	59°2726	24.85	59 39.0	10.93	A0	0.10
2896		24.87	64 06.7	12.38	G	1.35
2897		24.88	61 36.1	11.73	K0	1.05
2898		24.90	60 43.7	11.87	A0	0.28
2899		24.92	60 35.5	11.84	F5	0.44
2900		24.93	61 47.5	12.97	A	0.67
2901		24.95	59 09.5	12.23	A2	0.53
2902		24.98	60 16.5	11.34	G8	0.78
2903		25.00	63 41.5	12.29	—	0.37
2904		25.01	63 40.2	12.87	G	1.20
2905		25.01	62 13.2	12.45	F0	0.35
2906		25.02	61 43.5	11.56	B0	0.54
2907		25.03	59 08.9	11.93	A0	0.55
2908		25.03	58 31.4	11.70	A5	0.53
2909		25.05	61 28.0	11.77	A0	0.31
2910		25.05	62 39.0	12.86	G	0.61
2911		25.06	60 56.4	12.14	A5	0.24
2912		25.09	60 38.2	12.84	A0	0.22
2913	60°2543	25.09	61 05.2	11.10	A8	0.27
2914		25.10	63 46.5	11.80	A0	—0.06
2915		25.10	62 02.6	12.51	F5	0.39
2916		25.11	61 37.4	11.71	B0	0.65
2917		25.14	59 47.1	12.82	A0	0.60
2918	63°1998	25.15	63 39.0	8.62	gK2	1.62
2919	59°2727	25.17	60 08.8	10.10	A0	0.03
2920		25.18	58 25.0	11.82	A0	0.52
2921		25.19	61 52.2	12.70	K	1.29
2922	63°1997	25.20	64 26.9	10.17	A2	0.15
2923		25.20	62 08.6	12.26	F8	0.50
2924		25.20	61 42.5	10.92	B1	0.40
2925		25.21	62 17.8	12.45	G8	1.10

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
2926		23 25.22	62 46.4	12.54	F8:	0.56
2927	60°2545	25.25	61 07.0	10.73	A0	—0.09
2928		25.27	58 03.0	11.48	F8	0.46
2929		25.28	58 26.7	11.86	A2	0.47
2930		25.28	62 31.5	12.69	G8	0.84
2931	59°2728	25.29	60 17.6	9.24	A0	—0.12
2932		25.30	61 32.2	12.4:	G2	—
2933		25.30	62 43.5	12.50	F2	0.41
2934	60°2544	25.30	61 04.5	11.93	—	1.16
2935		25.34	60 51.0	11.86	B7:	0.18
2936		25.34	60 32.3	11.95	A0	0.10
2937	57°2741	25.34	58 07.5	10.77	F8	0.45
2938		25.38	60 24.4	12.54	—	1.31
2939		25.38	58 32.8	12.11	F8	0.52
2940		25.40	63 05.6	11.64	F5	0.35
2941		25.40	61 19.0	12.76	A	0.33
2942		25.41	58 17.7	11.77	A0	0.50
2943		25.42	63 31.2	12.49	F2	0.51
2944		25.42	63 43.5	12.68	G5	1.03
2945		25.43	64 31.1	12.43	F	0.50
2946		25.43	60 36.2	12.55	G0	0.50
2947		25.43	60 44.0	12.38	F8	0.50
2948		25.45	64 22.7	11.28	K0	1.22
2949	62°2232	25.45	62 58.2	10.62	A2	—0.08
2950		25.47	62 38.8	12.16	F8	0.41
2951		25.51	63 53.4	12.50	F5	0.45
2952		25.52	64 07.9	11.97	G0	0.53
2953		25.52	61 11.8	12.47	A0	0.50
2954		25.53	58 44.8	11.78	A0	0.42
2955		25.53	61 30.7	12.67	G5	0.75
2956		25.55	61 28.3	11.42	A2	0.32
2957		25.56	59 52.5	11.91	A0	0.20
2958		25.58	60 24.1	12.12	A0	0.14
2959		25.59	63 19.1	12.64	A	0.24
2960	58°2595	25.60	59 25.2	7.66	A3n	0.11
2961		25.66	64 02.7	11.88	G8	1.08
2962		25.66	61 04.7	12.20	B	—
2963		25.68	59 09.9	12.15	A2	0.50
2964		25.69	59 02.9	11.47	G5	0.59
2965	60°2546	25.70	60 34.0	9.85	A5	0.90
2966		25.70	62 24.2	12.93	G2	0.64
2967		25.71	63 38.6	11.51	A5	0.17
2968		25.71	61 31.9	12.38	F8	0.46
2969		25.74	60 16.1	11.28	G0	0.42
2970		25.75	62 31.5	12.22	F5	0.44

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
2971		23 25.75	60 39.8	10.97	A5	0.07	
2972	58°2596	25.75	59 03.5	9.87	gK5	1.78	
2973	62°2233	25.77	62 44.2	9.22	gK0	0.96	
2974		25.78	58 08.5	11.46	A0	0.26	
2975		25.79	64 09.0	11.95	F2	0.37	
2976	60°2547	25.79	60 46.8	10.52	F5	0.28	
2977		25.80	62 54.0	11.53	F0	0.17	
2978		25.80	60 42.5	11.47	A8	0.27	
2979		25.80	60 29.8	12.38	A0	0.19	
2980	60°2548	25.80	61 04.5	9.74	A0	—0.06	
2981		25.81	60 32.5	11.76	G2	0.50	
2982		25.83	62 42.0	12.03	F0	0.22	
2983		25.86	61 20.8	11.68	G5	0.68	
2984	61°2454	25.88	61 38.1	7.85	A0	—0.23	
2985		25.88	63 12.4	11.00	G0	0.43	
2986		25.90	64 03.0	11.66	A5	0.26	
2987	60°2550	25.90	61 11.7	8.06	A2	—0.02	
2988	59°2729	25.90	59 46.8	8.48	gG8	0.99	
2989		25.90	61 42.4	12.90	—	0.98	
2990		25.90	60 03.3	11.8:	B8	—	
2991	60°2549	25.90	60 52.5	9.42	A0	—0.12	
2992		25.91	58 10.0	12.33	B8	0.57	
2993		25.96	60 22.7	12.2	A	—	
2994		25.99	64 56.0	12.26	F8	—	
2995		25.99	61 45.4	12.81	—	1.04	
2996		26.00	63 47.0	11.11	F5	0.25	
2997		26.01	62 26.7	12.60	A	0.48	
2998	58°2597	26.02	59 17.6	11.11	B5	1.17	
2999		26.05	58 33.0	11.73	G0	0.42	
3000		26.07	64 55.5	12.09	F8	0.45	
3001		26.07	64 24.0	11.50	F8	0.50	
3002	60°2551	26.07	60 55.3	9.94	A0	—0.08	
3003		26.07	59 29.4	12.48	A0	0.60	
3004	62°2234	26.07	63 06.8	8.68	F0	0.28	
3005	63°1999	26.09	64 07.8	10.62	F8	0.44	
3006	60°2552	26.09	60 30.9	10.01	A0	—0.07	
3007		26.10	61 28.8	12.07	F5	0.41	
3008		26.15	61 03.0	12.15	K	1.20	
3009		26.19	64 30.0	11.72	A0	0.08	
3010		26.19	61 16.0	11.44	gK0	0.76	
3011		26.20	60 17.2	11.70	A2	—	IS Cas.
3012		26.20	60 26.7	12.38	A0	0.19	
3013		26.20	61 57.3	12.30	B:	0.70	
3014	63°20000	26.21	64 27.2	11.17	G8	1.12	
3015		26.21	59 09.0	12.65	A5	0.53	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
3016		23 26.23	63 30.3	11.47	A0	0.19
3017		26.24	62 00.5	11.56	A0	0.34
3018		26.30	62 08.8	12.59	G0	0.50
3019		26.30	60 07.2	12.70	A0	0.34
3020	62°2235	26.31	62 44.8	10.53	A0	0.23
3021		26.32	63 34.3	10.86	A2	0.10
3022		26.38	61 15.6	12.72	B8	0.48
3023		26.38	60 49.5	12.14	F0	0.37
3024		26.40	60 07.2	11.82	G8	0.52
3025		26.40	61 41.5	11.63	A0	0.29
3026		26.40	60 45.0	11.23	F5	0.29
3027		26.45	63 11.2	12.09	G0	0.47
3028		26.45	61 24.5	11.33	F5	0.35
3029	60°2553	26.48	61 01.8	10.25	B0	0.17
3030		26.49	63 02.4	10.59	A5	0.07
3031		26.49	62 03.0	11.30	K0	0.96
3032		26.52	60 24.4	12.00	A2	0.16
3033		26.52	60 46.3	12.51	—	0.50
3034	60°2554	26.56	60 33.0	10.19	F5	0.31
3035		26.58	59 16.4	12.73	A2	0.50
3036	59°2730	26.60	59 59.3	11.78	A0	0.03
3037		26.60	60 48.1	12.45	B5	0.32
3038		26.62	61 26.1	12.52	F	0.50
3039		26.62	62 43.2	11.32	F5	0.32
3040		26.62	62 24.1	12.91	F5:	0.64
3041		26.62	59 48.8	11.80	A8	0.50
3042		26.63	63 16.3	12.17	G0	0.53
3043		26.64	60 28.3	12.24	A0	0.18
3044		26.65	63 05.5	12.5:	F5:	—
3045	63°2001	26.65	64 08.2	9.71	A0	—0.01
3046		26.67	64 54.0	12.91	G0:	0.75
3047	62°2236	26.70	62 52.9	10.00	gK0	0.88
3048	59°2731	26.71	60 14.7	10.81	K0	1.13
3049		26.72	64 26.4	12.36	G0:	0.50
3050		26.72	58 49.5	11.25	A0	0.26
3051	60°2555	26.72	61 09.0	8.40	A2	—0.11
3052		26.75	60 38.2	11.44	B8	0.15
3053		26.76	58 08.4	12.32	F5	0.78
3054		26.76	59 59.0	11.27	F2	0.44
3055	59°2732	26.77	59 41.1	11.19	B8	0.43
3056		26.77	61 40.5	11.38	A0	0.46
3057		26.77	63 35.5	11.74	A0	—0.02
3058		26.77	63 48.0	11.80	A5	—0.01
3059	58°2598	26.78	59 28.7	8.81	B8	0.36
3060		26.79	60 52.5	10.30	A0	—0.14

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
3061		23 26.79	60 29.6	10.95	A0	—0.26
3062		26.79	59 17.8	12.91	A8	0.78
3063	61°2455	26.80	62 18.4	8.74	A2	—0.06
3064		26.80	62 59.1	11.74	F5	0.58
3065		26.81	59 46.5	12.60	A	0.50
3066		26.83	59 40.4	11.63	K0	1.38
3067		26.85	60 59.3	11.90	F8	0.45
3068	61°2456	26.85	61 42.0	10.79	F0	0.21
3069		26.88	64 55.8	12.36	B7	0.51
3070		26.91	59 12.3	12.47	G8	—
3071		26.91	61 57.3	11.87	G2	0.60
3072		26.92	62 13.3	11.50	F0	0.20
3073		26.93	62 20.1	12.45	G0	0.57
3074		26.93	63 23.8	12.78	G5	0.92
3075	63°2002	26.95	64 18.9	10.45	G8	0.83
3076	61°2457	26.96	61 40.1	10.33	G2	0.55
3077		26.97	60 46.9	11.98	B	0.40
3078		26.97	59 57.3	12.40	A0	0.31
3079		27.00	60 27.0	11.52	A5	0.12
3080		27.00	63 09.4	12.11	F8	0.40
3081		27.00	58 01.8	12.71	G2:	0.74
3082		27.00	58 57.2	12.50	F0	0.48
3083	60°2556 p	27.00	61 04.4	11.0:	A0	—
3084		27.02	63 48.2	12.76	G2:	0.72
3085	60°2556	27.04	61 04.5	11.50	A0	—
3086		27.05	59 45.9	12.78	A	0.50
3087	60°2557	27.06	60 52.2	10.51	B2	0.19
3088		27.09	64 33.4	11.22	F5	0.30
3089		27.09	63 38.8	12.44	B8	0.52
3090	60°2558	27.10	61 25.8	10.26	cB2	0.50
3091	58°2599	27.13	59 08.0	10.19	gK0	1.18
3092	57°2745	27.14	58 09.0	10.67	G0	0.49
3093		27.15	58 48.3	11.42	A0	0.23
3094		27.16	60 41.5	11.87	B3	0.44
3095	58°2600	27.16	59 20.0	10.8:	A0	—
3096		27.17	62 20.8	12.50	G0	0.58
3097		27.18	59 40.5	12.12	F0	0.68
3098		27.18	60 14.4	11.24	A0	0.00
3099		27.19	64 41.7	11.20	F5	0.48
3100		27.20	63 24.0	12.68	F:	0.50
3101		27.20	58 53.8	11.60	A2	0.54
3102	60°2559	27.20	61 19.5	11.04	A0	—0.02
3103	58°2601	27.20	59 19.9	8.38	B5	0.36
3104		27.23	59 46.8	11.99	F8	0.29
3105		27.23	64 09.5	12.30	B:	0.50

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
3106		23 27.24	64 22.3	11.57	G5	0.78	
3107		27.26	64 32.8	12.01	B8	0.51	
3108	59°2733	27.30	59 52.0	11.43	G8	1.24	16790
3109		27.32	59 55.9	12.76	—	0.54	
3110		27.37	64 18.2	12.38	B:	0.32	
3111	59°2734	27.37	60 03.4	10.13	A0	0.07	
3112		27.38	63 22.5	12.46	F:	0.50	
3113		27.39	64 12.6	12.12	B:	0.47	
3114	62°2237	27.39	62 44.5	10.61	A0	—0.18	
3115	62°2239	27.40	63 45.0	11.09	A0	—0.08	
3116		27.41	60 55.5	11.91	A0	0.07	
3117		27.41	64 56.0	12.78	G0	0.50	
3118	60°2560	27.42	61 06.5	10.38	F2	0.27:	
3119		27.45	63 36.8	12.06	A0	0.52	
3120		27.48	61 13.7	11.32	B8	0.07	
3121		27.49	60 31.6	12.38	A5	0.32	
3122	57°2746	27.50	58 13.0	10.23	F5	0.33	16792
3123	57°2747	27.52	58 16.6	7.2:	A0	—	16795c
3124	61°2458	27.56	62 11.4	10.10	A0	—0.18	
3125		27.57	61 57.8	11.68	B5	0.40	
3126		27.57	62 19.2	12.08	F	0.44	
3127		27.58	62 36.0	12.65	A	0.53	
3128	61°2460	27.60	62 26.7	10.14	gK0	1.21	
3129	61°2459	27.60	62 24.0	9.50	F8	0.57	
3130		27.60	63 22.0	12.18	A	0.30	
3131		27.61	64 28.8	10.66	A2	0.10	
3132		27.61	63 21.2	12.26	A	0.25	
3133	60°2561	27.65	61 07.9	11.10	gK2	1.23	
3134		27.68	60 57.0	12.50	G8	1.06	
3135		27.68	58 30.5	11.84	F8	0.58	
3136		27.70	62 04.5	12.87	F	0.60	
3137		27.70	58 28.0	11.67	A2	0.45	
3138		27.70	60 43.0	11.74	A0	0.20	
3139	57°2748	27.70	58 16.4	var.	B3	—	16795 AB AR Cas.
3140		27.70	61 18.6	12.82	A	0.51	
3141	60°2562	27.72	60 37.5	10.10	A0	—0.12	
3142		27.76	58 17.9	10.5:	G2	—	
3143		27.77	63 28.6	12.32	G0:	0.58	
3144		27.79	62 19.5	12.52	F5:	0.46	
3145		27.80	61 56.8	11.55	B0	0.60	
3146		27.80	60 57.1	12.31	—	0.52	
3147		27.82	58 25.0	12.16	A0	0.49	
3148	58°2602	27.83	59 08.7	10.32	dK5	1.78	
3149		27.88	60 06.0	12.39	A0	0.09	
3150		27.88	59 56.8	11.59	G8	1.08	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
3151	64°1815	23 27.90	64 47.2	9.54	F8	0.39	16798 AB
3152		27.90	61 01.8	11.14	A0	—0.13	
3153	62°2238	27.90	62 47.8	10.55	F2	0.19	16799
3154		27.90	62 13.4	12.87	F0	0.50	
3155	59°2735	27.90	59 34.3	10.82	B2	0.95	
3156		27.90	59 09.3	12.08	A	0.58	
3157		27.94	63 06.6	11.14	A5	0.10	
3158		27.95	61 56.9	10.95	gK0	1.01	
3159		27.97	64 09.6	9.61	A0	—0.16	
3160		27.98	62 38.8	11.83	F8	0.26	
3161		27.98	60 38.8	12.41	F0	0.42	
3162		28.00	62 55.5	11.85	B8	0.09	
3163	57°2749	28.01	58 28.5	10.65	gK0	1.36	
3164		28.02	58 25.2	12.22	A5	0.36	
3165		28.03	62 31.8	11.58	G0	0.50	
3166		28.04	60 14.8	12.54	A	0.20	
3167		28.04	59 27.6	11.21	M0	1.55	
3168		28.04	64 44.0	12.66	G0:	0.50	
3169		28.06	63 13.6	11.39	F2	0.35	
3170		28.10	60 06.0	12.25	B8	0.24	
3171	58°2603	28.15	59 27.13	11.14	A0	0.40	
3172		28.16	58 22.1	12.52	F0:	0.59	
3173		28.16	64 01.8	11.36	G0	0.50	
3174	63°2003	28.18	63 38.9	11.02	F8	0.43	
3175	64°1816	28.20	64 52.5	10.63	gK0	1.23	
3176		28.20	62 52.7	11.78	A0	0.48	
3177		28.20	60 14.2	12.53	A0	0.27	
3178	61°2461	28.20	61 48.1	10.63	G0	1.23	
3179		28.20	62 47.9	12.74	—	0.55	
3180		28.21	64 30.3	12.30	B8:	0.29	
3181		28.21	60 01.0	11.89	A0	0.16	
3182		28.21	59 02.0	11.87	G0	0.43	
3183		28.21	64 55.4	12.66	—	0.13	
3184	64°1817	28.22	64 48.0	9.86	gK0	1.10	
3185	62°2240	28.22	62 44.5	10.97	A2	—0.06	
3186		28.23	64 10.5	10.27	A0	—0.11	
3187	63°2004	28.25	64 07.2	7.31	A5	0.01	
3188		28.27	60 36.6	12.63	—	0.48	
3189		28.27	60 22.8	12.47	A5	0.40	
3190		28.28	61 25.3	12.29	F2	0.41	
3191	59°2736	28.29	60 12.4	9.88	F5	0.47	
3192		28.30	60 45.8	12.40	F	0.75	
3193		28.30	58 32.7	12.36	G0	0.58	
3194		28.30	62 54.7	11.47	A0	—0.13	
3195		28.30	62 41.2	11.37	F5	0.37	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
3196		23 28.30	63 35.6	11.01	F5	0.16	
3197		28.30	63 24.6	11.59	B0	0.77	
3198	60°2563	28.32	60 34.4	10.47	F2	0.29	
3199		28.33	63 20.6	12.32	B	0.68	
3200	63°2005	28.36	64 23.7	11.67	G2	—	
3201		28.38	61 05.4	11.65	A0	—0.03	
3202		28.40	60 26.5	11.85	F8	0.39	
3203	62°2006	28.42	64 02.8	8.36	A2	—0.06	16806 AB
3204		28.48	60 45.0	12.68	A2	0.08	
3205		28.48	61 11.2	12.58	G5	0.86	
3206		28.49	61 45.3	12.25	B5	0.38	
3207		28.51	58 05.7	12.26	B7	0.87	
3208		28.51	60 15.1	12.36	A0	0.36	
3209		28.55	60 22.3	11.46	A0	0.14	
3210	57°2752	28.56	58 07.2	9.5:	A0	—	16805 AB
3211	61°2462	28.59	62 00.6	7.48	A0	—0.14	
3212		28.59	61 40.8	11.68	A0	0.35	
3213	63°2007	28.59	63 43.3	9.23	F8	0.43	
3214		28.59	61 54.0	12.20	K3:	1.25	
3215	59°2737	28.60	60 05.0	11.50	g:K5	1.49	
3216		28.60	62 06.9	11.29	G5:	0.60	
3217		28.60	58 07.5	8.3	A2	—	
3218		28.60	63 10.3	12.16	G0	0.52	
3219		28.60	63 23.2	12.18	F8	0.54	
3220	60°2564	28.61	61 23.4	11.05	B2	0.06	
3221		28.61	62 13.6	12.43	G2	0.60	
3222	58°2604	28.65	59 27.8	10.54	A0	0.39	
3223		28.66	61 21.0	11.13	A	—0.07	
3224	61°2463	28.67	62 02.6	9.68	F8	0.45	
3225		28.68	60 32.6	12.32	—	0.48	
3226		28.69	60 31.0	11.58	A0	—0.02	
3227		28.70	61 42.0	12.78	G0:	0.60	
3228		28.70	60 03.8	12.52	A	0.50	
3229	60°2565	28.74	60 45.7	10.90	G8	0.82	
3230		28.75	61 08.0	10.87	F8	0.44	
3231		28.76	59 59.0	12.32	B	—	
3232		28.76	62 22.5	12.10	A8	0.43	
3233	61°2464	28.78	61 31.3	11.35	A0	0.37	
3234	60°2566	28.80	60 54.0	11.08	K0	0.93	
3235		28.80	61 01.2	11.18	B8	0.04	
3236		28.80	60 01.5	11.65	A0	0.27	
3237		28.80	60 04.8	12.33	G	0.55	
3238		28.80	63 55.5	12.88	G0:	0.47	
3239		28.80	61 53.6	12.00	B8	0.08	
3240		28.80	58 29.7	12.7	A	—	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
3241		23 28.85	62 21.0	11.40	G5	0.50	
3242	59°2738	28.86	59 59.1	10.26	A0	0.28	
3243		28.88	58 45.1	12.71	—	0.68	
3244	58°2605	28.89	58 53.1	7.50	dK2	0.78	
3245		28.90	60 54.1	11.68	A5	0.20	
3246		28.90	58 48.4	12.73	—	0.64	
3247		28.90	60 16.3	12.54	A	—	
3248		28.90	63 37.5	12.96:	A	0.54:	
3249		28.93	61 01.0	12.08	K	1.10	
3250		28.94	60 16.4	12.08	K0	1.16	
3251	57°2753	28.94	58 01.9	11.21	G0	0.46	
3252		28.96	63 31.5	12 76	G2:	—	
3253		28.97	59 59.6	12.50	A2	0.42	
3254		28.99	64 25.8	11.56	F5	0.48	
3255	63°2008	28.99	63 45.0	10.06	F8	0.53	
3256		29.00	62 38.4	11.39	F2	0.29	
3257	62°2241	29.00	63 28.5	10.92	F5	0.34	
3258	58°2606	29.01	59 28.5	10.91	gG8	1.25	
3259	58°2607	29.03	59 11.2	9.06	gK5	1.62	
3260	61°2466	29.04	61 49.1	8.65	gK0	0.92	16814 AB
3261	61°2465	29.06	62 00.6	9.93	A5	0.35	
3262		29.06	63 56.4	11.22	G0	0.53	
3263		29.07	60 30.4	12.03	F8	0.50	
3264		29.10	64 45.2	12.54	G0	0.55	
3265	60°2567	29.10	61 11.0	8.70	A0	—0.12	
3266		29.11	59 23.3	12.10	A0	0.39	
3267	58°2608	29.18	58 48.4	11.84	B3	0.65	
3268		29.18	59 48.9	11.85	B5	0.40	
3269		29.18	61 21.2	12.84	A0	0.52	
3270		29.18	64 38.2	12.29	G0	0.53	
3271		29.19	63 19.4	12.72	F8	0.66	
3272		29.19	63 47.1	12.59	A5:	0.42	
3273		29.20	60 09.7	11.54	K2	1.30	
3274		29.20	62 13.8	12.56	G0	0.70	
3275		29.20	61 06.6	11.58	B2	0.39	
3276		29.20	61 19.5	12.76	A	0.51	
3277		29.25	61 16.5	11.99	G0	0.57	
3278		29.26	59 26.9	11.08	A	0.51	
3279		29.26	63 57.8	11.92	A0	0.39	
3280		29.27	59 27.5	11.71	—	0.45	
3281		29.27	61 55.3	12.60	F0	0.30	
3282	60°2568	29.28	60 43.1	10.84	gK0	1.30	
3283	59°2739	29.29	60 23.2	10.80	G2	0.56	
3284		29.31	63 21.2	12.85	A2	0.25	
3285	57°2755	29.31	58 18.0	11.20	K0	1.18	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
3286		23 29.38	63 32.8	12.57	A	0.52
3287	59°2740	29.39	60 15.2	9.89	A0	—0.17
3288		29.39	61 21.4	12.74	F	0.50
3289		29.39	60 58.7	12.10:	A5	0.40:
3290	58°2609	29.39	58 48.8	8.76	gK0	1.34
3291		29.40	60 31.0	10.80	A0	—0.08
3292		29.42	63 16.8	12.22	F8	0.51
3293		29.44	61 31.3	11.88	F8	0.37
3294		29.46	63 54.7	12.11	G0	0.55
3295	60°2569	29.49	60 47.0	10.14	A2	0.00
3296		29.50	62 57.5	12.61	A0	0.56
3297		29.50	61 15.4	12.94	G0:	0.62
3298		29.52	60 16.0	11.49	A0	0.07
3299		29.53	63 32.9	11.56	A2	0.20
3300		29.54	64 06.8	12.55	B8	0.40
3301	57°2756	29.57	58 29.2	9.53	A2	0.44
3302		29.59	61 45.6	12.54	A	0.65
3303		29.59	63 14.1	12.40	G8	1.14
3304		29.60	64 09.2	11.44	A2	—0.02
3305		29.60	64 50.8	12.16	K	1.68
3306		29.60	60 11.9	12.46	A0	0.25
3307		29.60	61 02.4	11.32	F5	0.48
3308		29.60	61 07.9	11.32	B2	0.44
3309		29.62	61 15.2	12.44	F	0.50
3310	62°2242	29.62	63 07.5	99.90	A2	0.02
3311		29.63	62 53.5	12.69	F8	0.59
3312		29.66	61 12.5	11.79	A2	0.12
3313		29.66	60 54.4	12.05	G8	1.12
3314	61°2467	29.70	62 03.3	10.41	A8	0.15
3315		29.77	62 38.7	12.91	G8	0.91
3316		29.78	62 58.8	11.30	F8	0.36
3317		29.78	63 13.5	12.69	F5:	0.59
3318		29.78	62 41.3	12.76	G5	0.73
3319		29.78	61 21.0	12.23	G8	1.17
3320		29.79	58 13.9	11.92	A2	0.50
3321	62°2243	29.79	63 17.5	10.26	gK0	1.05
3322		29.80	59 59.8	11.03	F5	0.56
3323		29.81	60 28.5	12.30	B:	0.54
3324		29.81	63.44.4	12.32	F2:	0.34
3325		29.83	59 26.2	11.38	F8	0.50
3326		29.91	60 47.2	12.16	A0	0.29
3327		29.91	63 52.6	12.55	G8	1.33
3328		29.92	63 21.0	12.14	A0	0.64
3329		29.95	60 08.8	11.10	A0	0.02
3330	59°2741	29.96	60 14.5	10.18	A0	0.03

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
3331		23 30.00	62 02.3	12.43	A8	0.39
3332		30.00	62 44.2	12.88	A0	0.51
3333		30.06	61 53.7	11.74	B0	0.70
3334		30.07	63 57.3	11.34	A2	0.07
3335	58°2610	30.07	58 32.7	10.97	G0	0.49
3336		30.08	60 23.6	12.12	B:	0.63
3337		30.08	60 52.5	11.09	A0	0.03
3338		30.09	61 28.5	12.63	A0	0.40
3339		30.10	59 49.8	12.48	cB0	1.04
3340		30.13	63 10.6	11.04	A0	0.05
3341	63°2009	30.13	63 59.2	9.53	A5	0.21
3342		30.15	59 24.3	11.45	F0	0.51
3343		30.15	58 00.5	10.90	G0	0.55
3344		30.16	59 15.3	12.54	A8	0.64
3345		30.18	64 39.1	12.63	A	0.38
3346		30.20	61 25.5	12.71	B8:	0.48
3347		30.20	64 04.5	11.82	F2	0.50
3348		30.21	62 34.8	11.54	A0	0.08
3349		30.21	59 01.3	12.47	A0	0.74
3350		30.21	60 00.3	11.51	K0	1.61
3351		30.22	62 36.2	12.72	F	0.68
3352	58°2611	30.23	58 52.5	10.50	gK0	1.85
3353		30.27	63 53.8	12.16	B8:	0.20
3354	63°2010	30.27	63 49.8	10.26	A0	0.12
3355		30.28	61 44.1	12.80	G0	0.58
3356		30.29	64 36.8	11.45	F0	0.21
3357	64°1820	30.30	64 35.2	10.37	A5	0.29
3358		30.30	62 27.2	11.31	A0	0.33
3359		30.31	60 55.4	12.01	A0	0.24
3360	61°2468	30.31	62 18.0	10.15	A2	—0.11
3361	63°2011	30.31	63 51.6	9.76	K0	1.21
3362	61°2469	30.32	61 59.8	9.17	A0	—0.14
3363		30.37	62 01.8	12.00	—	0.50
3364		30.37	58 13.4	12.54	B0	0.70
3365		30.39	58 22.3	12.60	A	0.60
3366		30.41	60 22.1	11.06	G8	1.02
3367	60°2570	30.42	60 47.6	10.96	A2	0.24
3368		30.45	61 01.3	11.84	A0	0.36
3369	62°2245	30.46	63 00.9	8.85	dF7	0.26
3370		30.46	64 18.2	12.50	K0	1.23
3371	60°2571	30.46	60 44.2	11.50	G8	0.97
3372	59°2742	30.48	60 10.4	10.90:	A0	—
3373		30.49	64 04.7	12.20	A0	0.18
3374	61°2470	30.49	61 35.1	10.67	F8	0.47
3375		30.49	61 28.4	12.37	F2	0.50

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
3376		23 30.51	61 07.0	12.74	A8	0.24	
3377		30.52	64 38.5	12.30	F2	0.44	
3378		30.54	59 41.0	11.71	B0	0.70	
3379		30.54	58 39.2	12.52	B8:	0.71	
3380	59°2742	30.54	60 10.2	10.96:	A2	—	
3381	62°2244	30.56	62 52.5	8.17	dG3	0.68	
3382		30.59	60 47.0	12.31	B:	0.54	
3383		30.59	59 14.8	11.58	F8	0.49	
3384	61°2471	30.60	61 36.1	9.66	gK0	1.20	
3385	59°2743	30.60	60 18.4	10.10	gK0	1.34	
3386		30.60	60 22.8	11.42	B2	0.43	
2387		30.62	62 19.5	11.36	A2	0.05	
3388		30.62	59 27.0	12.60	G	1.15	
3389		30.63	59 39.5	11.40	A0	0.50	
3390		30.64	62 12.0	11.73	F2	0.26	
3391		30.67	62 58.0	11.33	G2	0.55	
3392	61°2472	30.70	61 56.1	10.42	cB2	0.94	
3393		30.76	58 02.2	12.17	A0	0.15	
3394		30.77	22 59.1	11.16	A0:	0.16	
3395		30.78	58 04.6	12.17	—	0.50	
3396		30.78	58 10.5	12.36	—	0.56	
3397	62°2246	30.81	62 50.8	9.34	F8	0.40	
3398	63°2012	30.82	64 00.3	10.12	A0	—0.12	
3399		30.83	61 58.2	11.13	F8	0.45	
3400		30.85	62 45.0	12.02	F2	0.30	
3401		30.88	64 31.5	12.90	F:	0.65	
3402	62°2247	30.88	62 48.2	9.66	gG8	0.95	
3403		30.90	62 59.8	12.69	A5	0.49	
3404		30.93	61 41.7	11.39	F8	0.45	
3405		30.95	60 45.0	11.98	A0	0.06	
3406		30.95	58 44.6	11.61	F5	0.36	
3407		30.95	60 56.2	11.07	A2	0.17	
3408	60°2573	30.96	61 13.1	10.85	A2	0.11	
3409		30.98	63 45.6	11.85	—	0.15	
3410		30.99	58 08.2	12.78	A	0.63	
3411		30.99	59 15.3	11.91	A0	0.37	
3412		31.00	59 47.1	12.7	A5	—	
3413		31.00	59 12.5	12.70	—	1.36	
3414		31.00	59 26.2	12.29	G0	0.52	
3415	60°2572	31.00	61 26.6	10.07	G0	0.49	16829
3416		31.00	58 30.7	12.26	F5	0.53	
3417		31.00	60 23.4	12.37	F8	0.50	
3418		31.00	61 31.6	12.75	B	0.50	
3419		31.00	58 10.5	11.91	—	0.55	
3420		31.00	58 48.6	12.68	A	0.66	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
3421		23 31.01	63 38.9	12.94	A	—	
3422	58°2612	31.02	59 01.9	8.91	F8	0.37	
3423		31.03	63 01.4	12.74	F5:	0.66	
3424		31.04	63 34.5	12.26	F0:	0.40	
3425		31.04	64 46.1	12.16	K	1.20	
3426		31.04	61 30.1	12.00	G8	1.03	
3427	63°2013	31.05	63 40.2	10.11	A2	—0.01	
3428		31.06	64 03.3	11.84	F8	0.42	
3429	59°2744	31.07	60 08.3	8.07	gK0	0.89	12434 B
3430		31.10	60 15.0	10.97:	A2	0.29	
3431		31.12	60 13.7	11.61	F5	0.53	
3432		31.15	63 54.8	11.92	B8	—	
3433	60°2574	31.15	60 49.8	11.09	A0	0.24	
3434		31.15	63 26.0	12.23	G0	0.51	
3435		31.15	64 57.4	11.97	A2	0.21	
3436		31.17	58 01.2	12.15	—	0.50	
3437	59°2747	31.19	60 19.8	10.85	A0	0.18	
3438		31.20	61 01.0	11.65	G8	1.04	
3439	63°2014	31.20	63 45.0	10.37	A0	—0.13	
3440		31.21	59 11.0	11.66	A0	0.39	
3441		31.21	60 03.2	12.67	F0:	0.94	
3442		31.21	60 13.0	12.01	A5	0.45	
3443	63°2015	31.22	64 11.8	10.12	A0	0.04	
3444		31.25	60 58.4	12.20	A0	0.22	
3445	59°2746	31.28	60 11.4	8.24	gK0	0.84	12434 A
3446		31.29	64 16·4	11.78	G	1.07	
3447		31.30	62 35.9	12.27	A5	0.26	
3548		31.30	61 33.2	11.62	B3	0.44	
3449	59°2745	31.30	59 47.0	7.51	A0	—0.17	
3450		31.32	58 00.3	10.97	F5	0.35	
3451		31.32	63 49.4	11.70	F	0.48	
3452		31.34	60 15.6	12.26	A0	0.50	
3453		31.36	60 17.4	12.07	—	0.73	
3454		31.37	60 48.3	11.36	B2	0.40	
3455		31.37	61 14.8	12.46	F8	0.56	
3456		31.39	59 35.0	11.95	A0	0.47	
3457		31.39	60 21.0	12.64	G0	0.80	
3458		31.39	61 05.7	12.13	G5	1.00	
3459	64°1825	31.40	64 56.2	8.63	A2	—0.07	
3460		31.40	58 37.1	12.71	—	0.70	
3461		31.45	61 40.4	12.62	F2	0.51	
3462	62°2248	31.45	63 16.5	11.20	K0	1.12	
3463	64°1826	31.46	64 41.4	11.04	G8	0.96	
3464	60°2575	31.48	61 15.7	11.45	K5	1.85	
3465	63°2016	31.49	64 05.9	10.42	A0	0.01	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
3466	59°2748	23 31.51	60 10.3	11.75	gK0	1.58	
3467		31.55	60 13.8	12.46	—	0.48	
3468		31.55	61 38.4	12.62	F5	0.75	
3469		31.59	62 37.4	12.50	G0	0.50	
3470	60°2576	31.59	61 26.2	10.77	gG8	0.98	
3471		31.59	64 48.3	12.34	G8	1.05	
3472	61°2473	31.61	61 46.5	10.10	A0	—0.14	
3473		31.63	60 07.4	12.93:	A	—	
3474		31.66	59 38.5	12.41	A5	0.58:	
3475		31.68	58 12.2	11.26	B5	0.50	
3476	61°2474	31.74	61 33.1	9.94	F5	0.52	
3477	58°2613	31.74	59 30.5	9.44	A5	0.34	16837
3478	62°2249	31.75	63 10.6	11.29	A5	0.05	
3479	60°2577	31.76	60 41.5	10.40	A0	—0.09	
3480		31.77	60 04.3	11.45	A0	0.45	
3481		31.78	60 20.0	10.96	F8	0.28	
3482		31.79	58 59.6	11.13	A2	0.37	
3483		31.79	61 36.0	11.67	G	1.04	
3484		31.79	59 25.8	12.02	A5	0.50	
3485		31.79	63 54.1	11.80	G8	0.87	
3486		31.80	62 44.6	12.32	F8	0.50	
3487		31.85	64 18.4	12.54	A	0.50	
3488		31.85	62 27.6	12.12	A8	0.21	
3489		31.85	60 11.5	12.56	G5	0.88	
3490		31.89	60 22.1	11.82	F5	0.46	
3491	61°2475	31.90	61 35.3	11.00	dG8	0.62	
3492		31.90	59 11.1	12.11	G8	1.36	
3493		31.90	59 53.1	11.80	F8	0.48	
3494		31.90	62 14.2	12.27	F8	0.24	
3495		31.92	61 04.3	12.20	G8	1.02	
3496		31.92	58 51.0	11.76	gG8	1.21	
3497		31.93	59 12.7	12.55	B8	0.47	
3498		31.93	60 53.1	11.27	A0	—0.09	
3499		31.94	62 44.6	12.23	F2	0.53	
3500		32.02	63 26.8	12.12	A5	0.27	
3501		32.02	61 05.5	12.02	G5	0.95	
3502	60°2578	32.02	61 09.6	8.91	A2	—0.09	
3503	62°2252	32.08	62 54.4	11.15	F5	0.32	
3504		32.08	62 22.3	11.22	A8	0.07	
3505		32.09	59 48.0	12.27	A5:	0.50	
3506		32.09	59 22.0	12.40	G0	0.55	
3507		32.10	62 58.5	12.32	A8	0.70	
3508		32.10	61 52.0	10.95	A0	0.03	
3509	62°2250	32.11	62 44.7	10.81	F8	0.45	
3510		32.13	62 43.4	11.27	F0	0,25	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
3511		23 32.15	61 36.0	12.66	A	—
3512	58°2614	32.20	59 09.9	10.75	A2	0.45
3513		32.20	62 03.1	11.31	G0	0.52
3514		32.20	63 30.7	11.21	G0	0.51
3515	60°2579	32.25	61 25.0	10.83	gG8	0.90
3516		32.29	64 33.1	11.00	B8	0.48
3517	60°2580	32.34	61 21.2	9.97	A0	0.07
3518	63°2017	32.35	63 58.8	10.49	A2	0.06
3519		32.37	59 32.7	12.02	G8	1.30
3520		32.37	62 15.0	12.06	F8	0.41
3521		32.38	60 53.2	11.59	A2	0.01
3522		32.39	64 00.8	12.11	A	0.66
3523		32.39	62 19.5	12.12	K	1.22
3524		32.40	61 22.9	11.63	F0	0.25
3525		32.40	61 53.6	10.82	A0	—0.13
3526	63°2018	32.40	64 05.8	11.01	A0	0.31
3527	62°2251	32.40	63 23.0	9.37	A0	—0.05
3528		32.41	60 10.6	12.58	G8	1.40
3529		32.45	62 23.7	12.09	—	0.50
3530		32.48	60 55.3	12.27	F0:	0.45
3531		32.51	60 18.5	12.35	A2	0.50
3532		32.52	59 10.5	12.43	A2	0.50
3533	58°2615	32.53	58 34.5	10.44	B2	0.40
3534	61°2476	32.54	62 09.0	10.32	F8	0.52
3535		32.55	59 32.8	10.85	A0	0.37
3536		32.55	59 43.1	11.89	A2	0.36
3537		32.58	60 06.2	12.17	A0	0.65
3538		32.58	61 39.1	11.62	F8	0.44
3539		32.59	63 20.6	12.67	F	0.58
3540		32.60	59 29.3	11.07	A0	0.31
3541		32.60	64 28.4	12.22	F8	0.43
3542		32.60	64 10.3	12.04	F0	0.40
3543		32.60	58 47.6	12.74	—	0.51
3544	61°2477	32.62	62 10.5	11.67	K2	1.04
3545		32.64	63 15.0	11.75	F5	0.45
3546		32.69	61 03.2	11.80	K0	1.22
3547		32.72	61 13.0	11.31	A0	0.11
3548		32.73	62 37.2	12.08	F2	0.44
3549		32.75	58 42.7	12.49	—	1.37
3550	57°2760	32.75	58 17.6	12.00	M	2.38
3551		32.76	59 40.3	11.72	G0	0.44
3552	62°2253	32.77	62 44.2	9.46	F0	0.21
3553		32.79	60 54.9	12.16	F2	0.50
3554		32.79	60 35.9	11.62	F0:	0.46
3555		32.80	59 22.3	11.93	G0	—

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
3556		23 32.80	64 04.7	12.24	G0	0.52
3557		32.80	58 46.5	12.35	G0	0.55
3558	61°2478	32.80	62 12.9	10.48	A0	0.14
3559		32.80	61 55.2	11.66	F5	0.46
3560	61°2479	32.80	61 55.8	10.18	F0	0.34
3561		32.81	63 37.4	11.91	F5	0.35
3562	60°2581	32.86	61 07.4	11.02	B5	0.44
3563		32.86	60 59.0	11.72	A0	—0.02
3564		32.86	59 34.4	11.47	F8	0.34
3565		32.87	61 35.9	12.13	A0	0.11
3566		32.87	59 54.7	12.22	G0	0.60
3567		32.88	60 33.7	12.38	F5	0.56
3568		32.88	61 55.0	12.07	K0	1.20
3569		32.90	59 43.8	11.70	B0	0.83
3570		32.98	63 10.1	12.21	F0	0.35
3571	63°2027	33.00	63 21.5	12.74	F	0.34
3572		33.01	60 31.7	12.28	F5	0.52
3573		33.03	62 10.2	11.95	A0	0.11
3574		33.03	60 36.5	12.62	A5:	0.28
3575		33.03	58 56.8	12.90	F	0.65
3576	64°1828	33.04	64 53.0	10.24	A2	0.00
3577		33.04	63 04.4	12.22	G0	0.52
3578	58°2616	33.06	59 29.3	9.76	F8	0.48
3579		33.10	61 05.2	11.95	A5	0.05
3580		33.12	58 19.0	12.80	A	0.64
3581		33.13	63 45.9	12.87	F	0.72
3582	61°2481	33.14	62 01.3	10.82	B3	0.96
3583	61°2480	33.15	61 54.4	10.68	A0	—0.10
3584	63°2019	33.16	64 28.9	11.05	G5	0.95
3585	58°2617	33.18	58 39.0	8.17	A0	—0.14
3586		33.18	61 40.6	12.53	A	0.31
3587		33.18	62 22.0	12.36	A0	0.46
3588		33.19	62 44.2	12.82	F	0.50
3589		33.20	59 39.0	12.24	K	1.56
3590	60°2582	33.20	60 38.3	9.26	cB2	0.52
3591		33.21	62 07.0	11.00	A5	0.24
3592		33.24	59 49.0	11.21	A0	0.43
3593		33.24	61 32.3	11.56	F8	0.34
3594		33.27	60 51.7	11.21	F2	0.36
3595	60°2583	33.29	61 05.5	8.92	F2	0.30
3596	62°2254	33.36	62 59.0	11.17	A0	0.19
3597		33.36	61 01.8	11.38	F0	0.24
3598	60°2584	33.38	60 54.9	10.55	0	0.37
3599		33.38	60 08.5	12.43	G5	1.28
3600		33.38	61 09.9	11.36	G5	0.60

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
3601	58°2618	23 33.39	59 13.9	10.95	A0	0.35
3602		33.39	63 54.0	12.23	F8	0.57
3603		33.40	63 34.0	11.99	A2	0.27
3604		33.40	63 10.0	11.10	F0	0.30
3605		33.40	64 08.4	11.73	G2	0.65
3606		33.42	60 53.8	12.24	B:	0.56
3607		33.43	64 13.5	11.39	A0	0.04
3608		33.43	61 54.1	11.95	A8	0.16
3609	60°2585	33.43	60 51.3	11.50	M	1.84
3610		33.45	58 48.1	12.11	K	1.32
3611	62°2255	33.50	62 52.4	11.19	A0	0.24
3612	60°2586	33.52	60 37.5	8.26	B8	0.05
3613		33.56	61 34.0	12.12	A5	0.15
3614		33.57	58 15.1	12.06	B8:	0.71:
3615		33.57	61 27.0	12.03	F2	0.39
3616	57°2762	33.58	58 07.8	11.42	K5	1.60
3617		33.58	59 40.5	12.46	K	1.52
3618	63°2020	33.59	64 14.1	10.78	F8	0.33
3619		33.59	61 10.8	11.81	G8	1.03
3620	62°2256	33.60	62 56.4	10.18	A5	0.06
3621		33.60	59 23.4	11.78	F8	0.50
3622		33.60	58 31.9	12.22	F2	0.52
3623		33.61	59 15.7	11.56	gK0	1.43
3624		33.62	61 40.3	12.56	B	0.78
3625		33.62	63 34.5	11.47	A0	—0.01
3626		33.63	64 33.0	11.59	B8	0.04
3627	58°2619	33.64	59 20.6	11.05	F8	0.96
3628		33.66	60 26.6	12.56	A	0.38
3629		33.68	60 52.5	12.26	B5	0.31
3630		33.73	61 29.6	12.07	A2	0.07
3631	64°1829	33.76	64 55.0	10.20	gG8	0.96
3632		33.76	58 07.1	12.10	F	0.50
3633		33.78	59 51.2	11.18	G0	0.52
3634		33.80	62 37.2	12.78	G	1.02
3635	60°2587	33.82	61 30.2	9.90	B8	0.52
3636	57°2763	33.83	58 30.0	9.84	A0	0.48
3637	58°2620	33.85	58 57.0	10.12	A0	0.38
3638		33.87	62 55.4	12.59:	G:	—
3639		33.90	62 46.3	12.57	F5	0.50
3640		33.92	62 28.6	12.16	G0	0.54
3641		33.93	62 43.5	12.08	G2:	0.60
3642		33.99	62 23.9	12.55	A	0.45
3643	61°2482	33.99	61 45.1	10.2:	dG8	—
3644	61°2483	34.00	61 49.2	11.30	G8	0.98
3645	62°2257	34.00	63 21.0	10.16	A0	—0.20

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
3646		23 34.00	60 48.1	12.20	B0	0.50
3647		34.02	63 34.0	11.13	A0	—0.03
3648	61°2484	34.03	62 09.0	7.95	A0	—0.21
3649		34.05	61 44.8	12.28	G0:	0.42
3650	60°2588	34.05	61 10.9	10.75	gK0	1.21
3651		34.12	61 47.5	12.36	B8	0.46
3652		34.14	60 29.6	11.67	G0	0.55
3653		34.16	58 46.8	12.34	A0	0.33
3654	62°2258	34.17	63 27.5	11.13	K0	1.14
3655		34.18	61 42.6	12.72	A	0.53
3656		34.19	62 32.3	12·54	G	1.02
3657		34.20	61 37.6	12.97	A0	—
3658		34.21	63 27.4	12.13	G0:	0.52
3659	60°2589	34.21	61 26.6	10.70	F5	0.75
3660		34.22	61 51.0	12.04	B8	0.33
3661	60°2590	34.23	60 56.2	9.69	A0	—0.17
3662		34.25	64 40.1	11.63	A0	0.19
3663		34.26	59 18.7	10.78	A0	0.38
3664		34.26	60 41.1	12.77	F5	0.50
3665		34.27	60 45.3	12.46	A0	0.22
3666		34.28	61 27.4	12.61	B8:	0.41
3667		34.28	59 56.0	12.25	G0	0.55
3668	61°2485	34.33	62 31.2	11.21	gK0	1.27
3669		34.35	58 15.2	12.68	–	1.17
3670		34.35	61 12.2	10.94	G0	0.52
3671		34.35	60 00.7	12.50	G0	0.54
3672		34.38	58 22.8	12.06	B2	0,51
3673		34.39	62 51.3	12.90:	F0:	0.24:
3674		34.40	60 51.3	12.59	A5	0.09
3675		34.41	64 09.7	12.32	F5	0.39
3676	58°2621	34.41	59 01.9	11.13	A5	0.51
3677		34.41	61 47.8	12.22	G5	0.58
3678		34.45	63 20.7	11.41	F8	0.20
3679	63°2021	34.45	63 31.8	11.17	A2	—0.01
3680	63°2022	34.45	64 15.8	9.77	gG8	1.18
3681		34.46	62 34.3	12.84	F5	0.61
3682		34.49	61 56.6	12.19	F	0.28
3683		34.51	60 34.3	12.47	F	0.68
3684		34.58	61 57.3	12.04	A0	0.74
3685	58°2622	34.59	58 59.7	10.36	A0	0.32
3686		34.59	62 22.6	11.72	F5	0.48
3687	62°2259	34.60	62 44.4	11.25	A5	0.03
3688		34.60	62 29.9	11.87	G8	1.30
3689		34.60	61 29.0	11.38	—	0.28
3690		34.62	61 55.2	12.00	F	0.40

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
3691		23 34.62	58 13.7	11.43	F8	0.43	
3692		34.63	61 52.5	11.03	A0	0.00	
3693	60°2591	34.65	61 06.7	10.16	A0	−0.06	
3694		34.65	64 24.0	11.99	F0	0.23	
3695		34.65	60 01.3	12.15	G5	0.75	
3696	60°2592	34.68	61 30.6	10.12	A0	−0.16	
3697		34.75	60 25.9	12.56	F8	0.71	
3698		34.76	61 59.3	11.97	B8:	0.06	
3699	60°2593	34.78	61 08.4	9.50	A0	−0.04	
3700	63°2023	34.78	64 26.8	10.94	A0	−0.06	
3701	61°2486	34.78	62 02.5	10.06	G5	0.68	
3702		34.79	58 08.9	12.16	A0	0.14	
3703		34.80	58 12.0	12.75	—	1.38	
3704		34.80	58 05.0	10.77	A0	−0.05	
3705		34.80	60 27.3	12.17	A0	0.45	
3706		34.80	64 07.8	12.71	G0	0.50:	
3707		34.80	59 08.8	12.87	A	0.66	
3708		34.81	62 21.3	12.24	G5	0.78	
3709	64°1830	34.85	64 52.8	10.32	A2	0.12	
3710		34.90	58 50.0	12.20	G5:	1.24	
3711		34.93	62 50.6	12.87	G0:	0.75	
3712		34.97	59 19.7	12.22	A5	0.50	
3713		34.98	61 49.0	11.07	A2	−0.05	
3714	61°2487	34.98	62 09.0	11.6	cG5	—	RS Cas
3715		34.99	62 34.2	12.80	G	0.80	
3716		35.00	64 10.0	11.70	A2	0.12	
3717		35.00	61 04.7	12.00	K5:	1.66	
3718		35.02	59 10.3	11.52	A2	0.50	
3719		35.02	61 24.0	11.15	B8:	0.25	
3720		35.03	64 27.0	12.46	A	0.10	
3721		35.04	58 19.6	12.11	A2	0.31	
3722		35.08	64 22.0	11.81	A0	0.04	
3723	60°2594	35.09	61 31.0	10.39	F5	0.25	
3724	63°2025	35.09	64 29.8	11.80	G5	1.00	
3725		35.12	63 03.0	12.02	A2	0.16	
3726	59°2749	35.14	60 05.8	10.75	A0	0.09	
3727	62°2260	35.15	63 02.2	11.33	G0	0.50	
3728		35.18	61 08.8	12.42	B5	0.22	
3729		35.18	58 25.7	12.16	F2	0.50	
3730	58°2623	35.19	59 25.8	10.75	K5	1.80	
3731		35.19	63 45.0	12.08	G0	0.60	
3732		35.20	60 51.5	12.49	A8	0.27	
3733		35.20	63 12.7	12.75	G0:	0.54	
3734		35.20	58 03.2	10.54	F2	0.34	
3735		35.29	59 02.7	10.28	A0	0.14	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
3736	64°1831	23 35.30	64 51.4	11.36	G2	0.60
3737	59°2751	35.31	60 06.7	9.32	B8	0.40
3738	59°2750	35.34	59 49.6	11.71	K5	1.54
3739		35.35	63 04 0	12.57	G2	0.60
3740		35.37	61 28.5	12.11	F	0.50
3741	63°2024	35.39	64 01.5	10.45	A0	—0.21
3742	58°2624p	35.40	59 25.5	11.86	B2	0.74
3743		35.40	59 14.7	12.43	B5	0.47
3744		35.43	61 15.1	12.42	A	0.34
3745		35.45	59 05.7	12.15	K	1.65
3746	59°2752	35.46	60 26.2	10.03	F8	0.53
3747		35.53	58 19.1	12.11	G0	1.01
3748		35.55	61 03.0	12.04	B8:	0.41
3749		35.55	61 58.2	10.75	A0	—0.07
3750		35.56	63 54.9	11.62	G0	0.50
3751		35.57	60 32.3	11.60	A0	0.28
3752		35.58	62 43.1	11.18	F0	0.26
3753		35.59	64 01.8	11.09	A0	0.11
3754		35.60	63 40.2	11.49	A5:	0.21
3755		35.60	64 57.1	12.68	G0:	0.50
3756		35.61	62 30.1	12.49	A	0.49
3757	59°2753	35.62	59 33.3	10.00	A0	0.68
3758		35.63	60 49.7	11.45	F8	0.27
3759		35.64	58 24.7	11.20	A0	—0.11
3760		35.66	61 30.7	10.51	A2	—0.17
3761		35.71	64 31.4	12.34	F5	0.34
3762	58°2625	35.71	59 00.7	9.31	F2	0.23
3763		35.71	64 42.5	12.14	A8	0.38
3764	58°2624	35.71	59 25.7	11.97	K	1.58
3765		35.72	62 08.8	12.84	F	0.46
3766	57°2769	35.74	58 08.2	9.54	G0	0.50
3767		35.78	62 40.7	12.34	G5	0.88
3768		35.80	60 37.5	11.65	A0	0.12
3769		35.80	62 42.0	12.61	G0	0.65
3770		35.80	64 01.4	11.78	F8	0.31
3771		35.80	63 35.8	12.00	G0:	0.50
3772		35.81	59 42.4	11.46	B0	0.61
3773		35.81	59 23.2	12.72	A	0.50
3774		35.83	58 49.8	12.71	A8	0.55
3775		35.85	61 43.8	11.79	A0	0.03
3776		35.85	64 50.0	12.60	F5	0.59
3777		35.85	64 28.0	12.72	A5:	0.36
3778		35.88	62 46.0	11.57	A5	0.09
3779		35.90	58 12.4	12.33	A	0.94
3780	63°2026	35.98	64 03.4	9.4	A5	—

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
3781		23 35.98	61 17.0	11.73	F5	0.29	
3782	61°2488	35.99	61 41.8	9.81	A0	−0.17	
3783		35.99	64 51.0	12.45	F5:	0.31	
3784		36.00	61 15.0	12.00	G	0·74	
3785	60°2595	36.00	60 35.6	10.36	A0	−0.01	
3786		36.00	59 57.1	12.25	A0	0.48	
3787		36.00	60 22.2	11.98	B2	0.61	
3788	57°2770	36.01	58 22.5	7.94	gG8	0.94	
3789		36.02	61 45.0	11.94	—	0.52	
3790		36.03	62 04.7	12.07	A2	0.13	
3791		36.04	62 32.9	12.53	G	0.93	
3792		36.05	60 33.5	11.92	A0	0.29	
3793	62°2261	36.05	62 38.6	10.71	A2	−0.05	
3794		36.08	61 28.5	12.3:	—	—	
3795		36.08	62 19.2	12.41	F5	0.35	
3796		36.08	61 03.9	12.22	F0	0.23	
3797		36.10	59 13.2	12.12	G5	1.26	
3798		36.10	62 09.0	11.39	F8	0.41	
3799		36.12	59 55.6	11.40	G0	0.53	
3800		36.13	58 28.8	12.46	—	−0.93	
3801		36.16	61 16.2	12.36	K0	1.10	
3802		36.19	60 50.2	11.44	G8	1.07	
3803		36.20	61 46.8	11.62	A0	−0.01	
3804	60°2596	36.20	61 28.7	10.19	F0	0.29	
3805	61°2489	36.21	61 37.0	10.30	A0	−0.20	
3806		36.27	61 20.6	10.98	A2	0.08	
3807		36.28	59 10.8	11.37	F5	0.45	
3808		36.29	64 08.9	10.78	A0	−0.15	
3809		36.29	62 15.0	12.31	A0	0.19	
3810		36.40	63 40.4	11.57	A2	0.27	
3811		36.41	61 07.8	12.54	A	0.14	
3812		36.41	64 03.0	12.31	G	1.06	
3813		36.41	63 35.9	12.33	A2	0.40	
3814	58°2626	36.45	59 08.8	10.73	F5	0.26	
3815		36.47	61 46.3	12.41	—	0.64	
3816	60°2597	36.48	61 18.8	10.27	A0	−0.21	
3817		36.48	58 02.6	11.92	A2	0.03	
3818		36.48	64 03.4	10.95	G5	0.55	
3919	61°2490	36.50	61 51.2	6.88	A2	0.44	16898 A
3820		36.50	61 55.5	11.96	G0:	0.49	
3821		36.51	61 11.4	11.69	A5	0.19	
3822		36.55	62 46.6	12.91	G0	0.78	
3823		36.55	63 35.9	11.06	A2	0.18	
3824	62°2263	36.57	63 24.9	10.70	K0	1.09	
3825		36.58	63 40.4	12.72	—	0.60	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
3826	63°2030	23 36.58	64 01.8	8.78	F8	0.36	16910 BA
3827		36.60	61 53.6	10.85	A0	0.06	
3828	62°2262	36.61	62 33.8	10.30	G0	0.54	
3829		36.61	62 15.0	12.67	F0:	0.44	
3830	60°2598	36.62	61 01.5	9.39	gK2	1.36	
3831		36.64	60 22.5	12.31	G2	0.56	
3832		36.66	59 29.8	11.71	F8	0.49	
3833		36.67	59 17.8	12.45	K	1.44	
3834	61°2491	36.70	62 23.8	10.46	G2	0.61	
3835	63°2028	36.70	64 23.0	10.05	B8	0.12	
3836	62°2264	36.71	63 06.9	9.66	A8	0.19	
3837	57°2776	36.72	58 25.5	10.27	dG2	0.48	
3838		36.73	64 20.4	10·31	A0	−0.09	
3839		36.75	61 09.7	12.12	A2	0.38	
3840		36.75	63 46.2	11.57	G8	0.96	
3841		36.75	58 01.5	12.28	G0	0.53	
3842		36.77	61 30.2	12.33	K0	1.28	
3843	59°2755	36.80	59 36.0	11.12	A0	0.42	
3844		36.80	60 59.3	11.56	A0	0.12	
3845		36.80	60 50.9	11.71	A0	0.08	
3846		36.80	61 41.8	11.42	cB0	0.98	
3847		36.80	59 25.7	12.10	B3	0.50	
3848		36.81	62 38.9	12.41	A0	0.46	
3849		36.82	60 55.0	11.81	F8	0.31	
3850	59°2754	36.83	60 00.7	10.68	F8	0.37	
3851	57°2772	36.89	58 28.5	9.07	gK0	1.05	
3852		36.90	63 16.7	11.42	B5	0.62	
3853		36.95	61 48.7	12.68	F5	0.59	
3854		37.00	62 25.4	12.74	F	0.60	
3855		37.00	59 38.8	11.73	K2	1.49	
3856		37.00	58 55.7	12.23	A0	0.31	
3857		37.00	61 33.0	11.80	F8	0.42	
3858	63°2037	37.02	63 03.3	12.28	A5:	0.24	
3859	61°2492	37.02	61 47.4	8.92	A0	−0.23	
3860		37.08	61 02.4	11.44	B5	0.28	
3861		37.09	59 09.0	10.18	F5	0.33	
3862	62°2265	37.11	62 57.3	10.06	A0	0.05	
3863		37.11	58 11.9	11.39	A0	0.01	
3864		37.14	58 52.8	10.96	B8	0.20	
3865		37.17	60 57.6	11.77	A0	−0.09	
3866		37.17	61 13.3	11.72	G8	1.08	
3867		37.17	63 28.4	11.31	G0	0.50	
3868		37.17	59 41.2	12.79	G2	0.65	
3869		37.18	59 30.1	12.60	F0:	0.54	
3870	61°2493	37.18	62 09.6	9.12	A5	0.12	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
3871		23 37.20	59 30.3	11.84	A8	0.65	
3872		37.20	61 13.2	12.03	G5	—	
3873	58°2627	37.20	58 41.8	8.24	dK0	0.72	
3874	63°2029	37.21	64 22.5	10.31	A0	0.21	
3875		37.22	61 08.2	11.85	A2	0 09	
3876		37.26	58 21.3	10.41	A0	0.11	
3877	57°2774	37.28	58 03.5	10.42	F8	0.42	
3878		37.32	60 23.7	12.40	K	1.02	
3879		37.33	62 23.5	12.81	F5	0.84	
3880		37.33	64 12.5	11.26	F8	0.34	
3881		37.34	60 26.2	12.27	—	0.72	
3882		37.35	59 53.0	12.63	A8	0.50	
3883	60°2599	37.36	60 50.8	11.36	K0	1.26	
3884		37.38	64 37.8	11.42	F5	0.64	
3885		37.40	62 39.4	12.95:	F	0.68:	
3886		37.40	63 59.9	11.19	A2	0.21	
3887		37.40	58 30.2	12.18	A2	0.38	
3888		37.40	64 04.6	12.10	G	1.10	
3889		37.40	60 07.5	11.85	A0	0.53	
3890		37.40	61 13.6	11.98	F	0.35	
3891		37.42	59 19.4	11.09	A8	0.29	
3892		37.46	59 49.2	11.57	B0	0.85	
3893	64°1836	37.47	64 33.2	8.36	A0	0.06	
3894	62°2266	37.49	63 07.5	11.54	K0	1.04	
3895	61°2494	37.50	61 39.0	10.16	B0	0.34	
3896	62°2268	37.50	63 27.1	(6.85)	A2	—	16911 AB
3897		37.51	60 56.7	11.22	G0	0.53	
3898	62°2267	37.56	62 41.4	10.95	K0	1.02	
3899		37.59	62 53.6	12.40	F2	0.33	
3900		37.60	60 03.4	11.53	G0	0.46	
3901		37.60	61 06.9	10.75	A2	—0.11	
3902		37.61	58 30.2	12.36	A5	1.05	
3903		37.64	61 13.4	10.44	A2	—0.02	
3904		37.64	62 40.5	12.69:	G0:	0.56	
3905		37.65	62 37.5	11.99	F5	0.39	
3906		37.65	61 53.2	12.19	A2	0.51	
3907	63°2031	37.67	63 52.5	10.19	F2	0.33	
3908		37.69	61 02.8	11.35	A0	0.03	
3909		37.69	64 26.2	12.35	G0	0.59	
3910	59°2756	37.69	59 59.0	10.30	G2	0.58	
3911		37.70	59 03.0	12.78	G0:	0.64	
3912	62°2269	37.75	63 28.1	10.14	K2	1.40	
3913		37.77	61 07.7	11.02	A0	—0.11	
3914	61°2495p	37.78	61 47.5	10.29	A0	—0.18	
3915	63°2032	37.80	63 34.2	10.83	K2	1.43	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
3916		23 37.80	59 35.0	11.73	G2	0.60
3917		37.80	61 38.7	10.64	A0	—0.06
3918		37.80	64 16.9	11.87	F	0.34
3919		37.81	64 07.5	11.43	A2	—0.01
3920	64°1837	37.83	64 36.0	11.72	A0	0.52
3921	61°2495	37.89	61 46.1	10.06	A5	0.07
3922	60°2600	37.90	61 03.9	9.50	B2	0.14
3923		37.92	64 37.4	11.6:	G0:	—
3924		37.92	58 17.3	11.63	A0	0.17
3925	58°2628	37.93	59 15.5	11.94	K0	1.50
3926		37.94	58 59.5	11.19	G8	0.65
3927	60°2601	37.97	60 57.4	10.80	A0	—0.06
3928		37.97	60 17.4	12.00	G2:	0.90
3929		37.98	60 01.5	12.47	B5	0.58
3930		37.98	60 30.7	11.80	B8	0.71
3931		37.98	60 12.3	12.27	G8	1.14
3932		37.99	64 34.7	12.21	F5	0.45
3933		38.00	58 03.6	10.88	A0	0.22
3934	60°2601	38.00	60 55.0	11.29	A0	—0.17
3935		38.00	62 54.3	12.38	G0	0.47
3936		38.00	63 03.0	12.75	B8:	0.61
3937		38.01	58 08.0	12.51	F	0.50:
3938		38.03	63 34.3	12.10	G0	0.53
3939	59°2757	38.03	60 14.0	10.92	A5	0.73
3940		38.04	58 31.4	12.86	F	0.32:
3941		38.05	61 08.2	12.05	A5	0.09
3942		38.07	62 14.6	12.91	A5:	0.57
3943		38.08	64 21.6	12.73	G0	0.60
3944		38.10	64 13.8	12.22	G0	0.53
3945		38.10	61 56.0	11.75	A	0.73
3946		38.11	61 18.0	11.42	A0	0.24
3947	60°2602	38.15	60 35.0	10.47	A0	0.05
3948		38.16	59 04.5	11.55	B2	0.70
3949		38.16	59 55.5	12.16	B2	0.83
3950		38.19	59 49.5	12.73	A	0.51
3951		38.20	59 29.3	12.48	A5	0.54
3952		38.20	63 15.0	12.13	A8	0.26
3953	61°2496	38.21	61 36.5	9.56	A0	0.02
3954		38.21	62 40.5	12.02	A0	0.16
3955		38.22	58 57.0	10.73	F2	0.29
3956	57°2778	38.24	58 04.7	10.54	dG0	0.48
3957		38.24	58 14.6	11.81	G5	0.81
3958	63°2033	38.26	63 47.9	9.48	gK0	1.20
3959		38.28	62 34.5	11.99	A0	0.33
3960		38.32	58 25.4	12.54	A	0.54

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
3961	59°2758	23 38.34	59 56.5	10.64	F0	0.62
3962		38.35	61 20.8	11.49	A0	—0.11
3963		38.35	63 13.4	11.80	F2	0.26
3964		38.37	62 19.1	12.82	F5:	0.50
3965		38.39	63 25.4	12.60	G0:	—
3966		38.39	61 51.3	11.54	G0	0.52
3967	60°2603	38.40	60 33.3	11.00	gK0	1.40
3968		38.40	63 43.8	11.84	F8	0.44
3969	62°2270	38.42	62 40.5	9.4	G2	—
3970	60°2604	38.47	61 31.5	9.65	A0	—0.13
3971		38.53	58 10.3	11.92	A0	0.22
3972	62°2271	38.54	62 40.8	10.30:	F8	0.27:
3973		38.55	61 02.2	10.95	A2	0.02
3974		38.56	62 33.0	12.97:	F8	0.69:
3975		38.57	63 49.8	10.92	A2	0.04
3976	57°2779	38.60	58 28.6	10.95	A0	0.02
3977		38.60	61 50.6	11.19	F8	0.21
3978		38.60	60 30.0	12.9	B	—
3979	60°2605	38.65	61 26.8	10.80	K0	0.95
3980		38.66	62 31.8	12.80	G0	0.60
3981	62°2272	38.66	63 25.4	11.51	G8	0.86
3982	58°2629	38.69	59 07.8	9.08	G0	0.51
3983		38.70	60 18.5	12.32	A0	0.50
3984		38.72	61 43.8	12.68	G	0.66
3985		38.74	58 04.5	12.67	F5:	0.75
3986		38.75	61 02.3	10.66	A2	0.03
3987		38.76	61 22.4	12.10	K	1.52
3988		38.77	60 55.4	12.46	A0	0.32
3989		38.78	59 27.7	11.96	A5	0.36
3990		38.80	60 38.2	12.42	A0	0.10
3991		38.82	63 23.9	12.16	A2	—
3992	62°2273	38.82	62 31.7	11.18	G0	0.50
3993		38.83	62 21.1	11.79	A2	0.50
3994	64°1838	38.87	64 50.8	8.80	gG8	1.08
3995		38.88	62 21.5	12.48	F5	0.54
3996		38.93	60 52.3	12.09	G2	0.73
3997	61°2497	38.96	62 13.6	9.80	G0	0.58
3998		38.96	60 59.1	11.11	A8	0.25
3999		38.96	64 01.4	12.48	G0:	0.57
4000		38.98	61 54.1	12.42	A	0.50
4001		39.00	64 12.0	11.44	G0	0.49
4002		39.00	59 15.0	12.39	G0	0.59
4003		39.04	62 59.9	12.37	A0	0.55
4004	63°2034	39.04	64 24.5	10.27	F2	0.50
4005		39.05	62 07.5	12.04	B5	0.42

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
4006		23 39.05	60 47.2	11.39	A2	0.34	
4007		39.10	63 46.2	12.35	F8	0.33	
4008	59°2759	39.13	59 37.4	11.88	K0	1.04	16932
4009		39.18	58 03.0	12.30	A	0.38	
4010		39.19	61 17.0	10.82	F0	0.20	
4011		39.20	64 59.8	12.25	—	0.49	
4012		39.20	61 55.1	12.22	K	1.36	
4013		39.20	59 51.1	11.99	G0	0.75	
4014		39.20	60 36.2	12.90	A	0.70	
4015		39.21	60 40.6	12.57	F5:	0.74	
4016		39.23	61 04.4	11.77	A5	0.13	
4017		39.25	59 33.0	11.76	A0	0.25	
4018	58°2630	39.25	58 35.8	11.47	G8	1.13	
4019		39.33	62 26.8	12.85	A	0.63	
4020		39.33	61 39.2	12.54	G	0.73	
4021	64°1841	39.35	64 51.2	10.25	A5	0.39	
4022	61°2498	39.35	62 28.2	10.79	dK8	0.81	16935
4023		39.36	62 38.5	11.08	F8	0.38	
4024		39.37	62 09.0	12.50	A	—	
4025		39.37	58 45.4	11.65	A0	0.51	
4026	62°2274	39.39	62 54.0	10.57	A8	0.17	
4027		39.40	64 45.1	12.25	G0	0.50	
4028		39.40	62 44.6	11.02	F2	0.27	
4029		39.41	62 06.9	11.19	G0:	0.55	
4030		39.43	58 30.2	11.40	A0	0.34	
4031		39.43	62 07.8	11.90	G0	0.60	
4032		39.43	64 38.5	12.23	F8	0.48	
4033	61°2499	39.44	61 40.8	10.01	A2	0.11	
4034		39.45	60 09.7	11.41	F0	0.47	
4035		39.50	63 19.5	12.04	G0	0.52	
4036		39.52	63 03.0	11.35	G8	1.02	
4037	58°2631	39.53	58 39.0	10.94	A0	0.04	
4038	59°2760	39.55	59 36.7	10.12	gK0	0.82	
4039		39.57	60 21.9	12.50	B0	0.75	
4040		39.57	63 31.5	12.21	G0	0.50	
4041	60°2606	39.58	60 56.4	10.49	A0	—	
4042		39.58	62 18.1	11.46	G0	0.56	
4043		39.59	61 36.9	12.69	G0	0.70	
4044		39.59	61 26.7	12.14	K	0.95	
4045	63°2035	39.64	64 14.2	9.37	A0	—0.02	
4046		39.65	64 59.9	12.19	G0:	0.50	
4047		39.68	63 25.4	12.61	G0	0.50	
4048		39.69	60 11.2	12.33	A8	0.51	
4049		39.70	63 35.0	11.82	A0	0.12	
4050	58°2632	39.71	59 18.0	10.72	G0	0.52	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
4051		23 39.74	61 41.1	12.91	F	0.61	
4052	58°2633	39.74	59 29.3	11.5:	G8	—	
4053	60°2607	39.75	60 41.3	10.42	F0	0.30	
4054	63°2036	39.78	64 23.2	9.65	A0	—0.04	
4055		39.79	59 57.8	11.30	F8	0.46	
4056		39.79	61 11.5	12.05	F8	0.55	
4057	62°2275	39.80	62 40.5	9.38	B8	0.19	
4058		39.81	62 45.2	12.68	F8:	0.54	
4059	60°2608	39.82	61 12.7	8.58	A5	—	
4060		39.82	62 33.2	12.65	B8:	0.60	
4061	58°2634	39.83	59 12.1	11.82	M8	1.92	
4062	62°2276	39.85	63 07.4	10.52	A8	0.12	
4063		39.85	63 58.3	11.24	gK0	1.04	
4064		39.86	62 08.1	12.65	B5	0.69	
4065		39.86	60 58.3	11.62	A3	0.25	
4066		39.89	61 09.8	12.22	F5:	0.56	
4067	61°2500	39.94	62 25.0	8.40	A5	—0.01	
4068		39.95	64 17.0	12.31	B8:	0.54	
4069		39.95	61 56.2	12.16	A0	0.30	
4070		39.98	61 16.7	11.86	—	0.60	
4071		40.00	60 34.2	12.59	A5	0.50	
4072	63°2038	40.00	64 14.2	8.6	M2	—	16940 A
4073		40.00	61 37.5	11.97	G0	0.48	
4074		40.00	62 04.2	11.80	B3	0.00	
4075		40.01	64 26.6	12.48	F8	0.41	
4076	57°2782	40.02	58 25.5	10.59	G0	0.55	
4077		40.02	58 38.8	12.52	A	0.30	
4078		40.02	58 41.7	12.55	A	0.46	
4079		40.05	58 21.1	12.84	—	0.55	
4080		40.05	61 50.5	10.64	A2	—0.01	
4081		40.07	62 14.8	11.99	G5	0.95	
4082		40.09	63 05.3	12.33	A0	0.26	
4083		40.09	63 46.8	11.08	F5	0.48	
4084		40.10	61 24.0	11.65	B0	—	
4085	62°2277	40.10	62 43.5	10.30	F0	0.28	
4086		40.10	63 35.1	11.37	F5	0.32	
4087	60°2609	40.13	61 23.8	7.80	gK2	1.28	
4088		40.14	61 53.3	12.50	F	0.53	
4089		40.14	60 27.7	11.85	A2	0.61	
4090		40.15	61 13.3	11.45	A0	—0.07	
4091		40.16	64 49.4	12.30	F5	0.40	
4092	62°2278	40.16	62 42.3	11.96	K	1.12	
4093	57°2783	40.18	58 19.6	9.52	A8	0.19	
4094		40.20	58 50.8	12.48	F	0.52	
4095	63°2039	40.20	64 18.4	10.29	A5	0.19	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
4096		23 40.25	62 58.4	12.25	K	1.15	
4097		40.32	58 01.6	11.54	A2	0.10	
4098		40.32	61 08.0	10.26	B8	0.07	
4099		40.33	61 03.4	10.48	A0	—0.10	
4100	61°2501	40.36	61 46.4	10.50	gK0	1.00	
4101		40.38	59 40.5	11.76	A2	0.56	16948
4102		40.38	62 08.3	12.44	G0:	0.50	
4103		40.39	58 05.4	10.09	A0	0.01	
4104		40.39	62 22.7	11.68	F8:	0.38	
4105		40.40	59 30.7	11.37	G8	1.19	
4106		40.40	61 59.7	11.52:	A5	—	
4107		40.40	64 29.8	10.86	A0	—0.02	
4108	58°2635	40.42	58 55.2	10.34	F8	0.48	
4109		40.43	61 57.5	12.38	A8	0.31	
4110		40.46	63 51.4	12.56	F8	0.52	
4111		40.49	61 11.9	11.32	A0	0.08	
4112	62°2281	40.50	62 39.5	10.78	A2	—0.09	
4113	61°2502	40.52	62 21.4	11.45	gK0	1.52	
4114		40.53	61 17.5	10.63	F8	0.51	
4115	61°2503	40.54	61 33.4	9.91	A0	—0.05	
4116	63°2040	40.57	63 55.5	10.76	B8	0.48	
4117		40.58	58 05.8	12.01	B7:	0.13	
4118		40.60	61 37.1	10.78	B3:	0.40	
4119		40.60	61 37.5	11.63	G8	1.10	16949
4120	61°2504	40.60	62 28.8	11.05	gG5	0.90	
4121		40.60	64 53.5	12.28	F0	0.34	
4122		40.61	61 42.4	11.25	A1	0.00	
4123	58°2636	40.64	58 47.8	10.86	B2	0.65	
4124		40.64	58 49.3	11.65	F8	0.45	
4125		40.64	60 55.4	11.89	A5	0.31	
4126		40.65	61 59.5	11.19	A8	0.12	
4127	63°2041	40.65	63 34.2	10.34	A2	0.20	
4128		40.67	63 03.3	12.10	F8	0.40	
4129		40.69	63 22.2	12.46	G0	—	
4130	60°2610	40.70	61 29.3	10.25	G8	0.87	
4131		40.70	61 55.2	11.86	B2	0.32	
4132	62°2279	40.72	62 39.7	11.04	F2	0.35	
4133		40.73	61 27.6	11.00	gK0	1.30	
4134		40.74	62 04.3	11.60	G0	0.50	
4135	61°2505	40.75	61 32.4	11.35	M	1.70	
4136	59°2761	40.76	59 40.2	9.40	B5	0.20	
4137		40.76	61 08.5	11.66	K0	1.05	
4138		40.76	61 38.1	11.46	A2	0.06	
4139		40.77	63 21.3	11.41	A2	0.03	
4140		40.79	60 14.1	12.60	A0	0.80	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
4141	62°2280	23 40.79	62 40.3	9.08	A0	—0.05	
4142		40.79	64 14.5	11.23	A0	0.03	
4143		40.80	62 13.2	12.22	F8	0.50	
4144		40.80	64 33.4	12.71	G	0.70	
4145		40.81	63 03.5	11.81	F8	0.27	
4146	58°2637	40.82	58 43.0	9.85	B8	0.87	
4147		40.83	58 47.8	12.36	A0	0.52	
4148		40.83	60 49.3	12.77	G	0.80	
4149		40.85	62 17.0	12.09	A5	0.31:	
4150		40.87	61 10.8	10.10	B0	0.40	
4151		40.87	59 25.5	12.55	A	0.81	
4152		40.88	63 32.0	12.57	G2	0.71	
4153		40.92	62 09.1	11.60	G8	1.00	
4154		40.93	64 16.8	12.17	F0	0.42	
4155		40.96	58 18.8	12.21	B8	0.50	
4156	61°2506	40.96	62 17.6	9.6	A2	—	12530 AB
4157		40.98	62 00.2	12.25	G0	0.50	
4158	64°1845	40.98	64 37.8	9.98	gK0	1.08	
4159		41.00	60 51.0	12.24	K	1.31	
4160		41.00	63 01.5	11.85	K0	1.24	
4161		41.00	62 22.5	12.04	A0	0.31	
4162		41.00	62 12.5	10.71	A2	0.02	
4163		41.00	63 12.6	12.75	B:	0.49	
4164	62°2282	41.00	63 09.0	9.98	A0	—0.05	
4165		41.02	62 38.5	11.60	A2	0.09	
4166		41.03	59 25.2	11.64	B8	0.30	
4167		41.07	60 15.0	12.95	G	0.92	
4168		41.09	62 31.6	11.84	gG8	1.08	
4169		41.09	59 56.7	12.12	G2	0.67	
4170	62°2283	41.10	62 53.4	10.00	F5	0.54	
4171	60°2611	41.10	60 54.2	10.12	gK2	1.58	
4172		41.15	64 55.4	10.96	A0	0.00	
4173	59°2762	41.15	59 40.6	9.83	gK2	1.70	КЗ.П
4174		41.16	61 21.3	10.45	G0	0.52	
4175		41.16	61 11.4	10.98	F5	0.40	
4176		41.16	61 39.0	11.87	OW	0.77	
4177	57°2790	41.19	58 11.4	9.46	A0	0.22	
4178		41.20	64 06.0	12.38	G0	0.48	
4179		41.20	62 15.0	10.96	A0	0.08	
4180		41.20	64 09.2	12.46	F5	0.50	
4181		41.20	60 14.9	12.13	F8	0.66	
4182		41.20	62 08.8	12.25	F5	0.36	
4183		41.21	58 07.8	11.22	A0	0.06	
4184	62°2284	41.22	62 59.5	11.45	A2	0.04	
4185		41.28	60 49.4	11.92	—	1.69	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
4186		23 41.28	60 51.2	12.28	G0	0.80
4187	57°2789	41.28	58 01.5	10.94	K0	1.21
4188	60°2612	41.30	61 01.5	8.99	A2	0.25
4189	63°2042	41.30	64 00.8	11.00	gK2	1.58
4190		41.31	58 10.1	10.32	A0	—0.14
4191	61°2507	41.32	61 44.5	10.20	A0	—0.20
4192	63°2043	41.33	63 42.6	9.34	A3	0.11
4193	58°2638	41.36	59 31.2	9.50	A0	0.20
4194	61°2508	41.36	61 39.6	9.53	A0	0.21
4195	64°1847	41.37	64 40.6	10.18	A0	0.12
4196		41.37	59 35.4	12.47	A0	0.54
4197		41.38	60 10.3	11.80	B5	0.80
4198	62°2285	41.38	63 00.2	9.92	A2	0.27
4199		41.38	64 40.6	10.55	A8	0.31
4200		41.39	60 02.4	10.94	F8	0.44
4201		41.39	60 24.3	12.14	A2	0.35
4202		41.40	61 26.5	11.11	G8	0.97
4203		41.40	61 10.2	11.25	B0	0.36
4204		41.40	64 12.4	12.47	F	0.45
4205	61°2509	41.40	61 53.3	8.57	cB0	0.28
4206		41.40	62 40.6	12.76	—	0.54
4207		41.40	62 50.3	12.33	B8	0.35
4208		41.43	64 01.8	12.10	G0	0.60
4209		41.44	64 00.0	11.73	K	1.56
4210		41.45	61 46.0	12.00	B2	0.28
4211		41.46	59 49.7	11.71	K	1.40
4212		41.50	61 24.0	11.36	B2	0.40
4213		41.52	61 45.8	11.65	A2	0.41
4214		41.53	58 22.0	12.11	—	1.64
4215		41.54	60 49.4	12.56	A	0.30
4216	57°2792	41.59	58 28.5	8.17	A0	—0.19
4217		41.59	62 51.0	11.11	A2	—0.07
4218		41.60	62 59.9	10.84	A5	0.16
4219	62°2286	41.60	63 03.0	11.05	B2	0.52
4220		41.61	61 22.4	11.23	F2	0.47
4221	58°2643	41.62	58 35.8	12.23	F0:	0.47
4222		41.67	63 43.9	11.92	A8	0.20
4223		41.68	60 36.6	12.30	A0	0.50
4224	58°2639	41.69	58 56.7	10.90	B8	0.56
4225		41.69	64 01.5	12.78	G0:	0.61
4226		41.70	61 10.8	12.10	B0	0.37
4227	58°2641	41.70	59 20.6	9.11	F0	0.29
4228	61°2510	41.70	62 27.2	9.80	gG8	1.14
4229		41.70	62 45.6	11.61	A0	—0.04
4230		41.72	61 50.4	12.29	B	0.39

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
4231	62°2287	23 41.73	63 22.5	10.21	A3	0.15	
4232	62°2288	41.77	62 53.8	10.40	F0	0.21	
4233		41.78	62 10.2	11.61	B3	0.50	
4234		41.78	61 53.5	11.49	B5	0.15	
4235		41.78	63 08.8	12.60	—	0.48	
4236		41.78	58 53.3	10.30	G5	0.71	
4237		41.80	64 04.8	12.48	F	0.51	
4238	58°2640	41.80	58 38.4	10.04	A0	0.09	
4239		41.80	60 15.7	11.65	A0	0.41	
4240		41.83	63 32.1	12.18	G0	0.55	
4241		41.84	62 23.2	11.52	B2	0.26	
4242		41.85	63 13.6	12.58	F	0.54	
4243	64°1848	41.85	64 46.9	11.00	G0	0.57	16961
4244	64°1849	41.90	64 39.9	11.04	K5	1.48	
4245	57°2793	41.90	58 29.4	8.30	A0	—0.04	
4246	58°2642	41.92	58 56.6	11.80	M0:	1.96	
4247		41.94	61 10.8	12.84	B5	0.00:	
4248		41.96	63 44.3	12.24	F5	0.46	
4249		42.00	62 03.0	11.16	F8	0.34	
4250		42.00	64 05.4	11.36	F8	—	
4251		42.03	59 49.5	11.67	A0	0.60	
4252		42.03	64 15.0	12.62	G0:	0.51	
4253	60°2614	42.07	61 00.1	10.23	A0	—0.04	
4254		42.07	61 56.3	11.24	F5	0.37	
4255		42.09	61 45.3	11.85	F5	0.25	
4256		42.10	60 11.8	12.67	B3	0.50	
4257		42.15	61 22.5	12.32	A0	0.27	
4258		42.15	61 28.3	10.65	A8	0.22	
4259		42.17	62 06.6	12.53	G5	0.74	
4260		42.18	61 42.3	10.86	B2	0.18	
4261		42.18	63 54.0	11.59	F0	0.21	
4262		42.18	58 08.8	12.20	G	1.00	
4263		42.19	61 50.9	11.23	A5	0.76	
4264		42.19	61 06.1	12.17	A	0.42	
4265		42.19	58 42.3	11.52	K0	0.90	
4266		42.20	62 15.1	12.47	B	0.63	
4267	57°2794	42.21	58 16.8	9.89	gK0	1.23	
4268		42.23	60 59.2	12.34	A8	0.50	
4269		42.23	58 24.1	11.26	F8	0.45	
4270		42.25	61 41.8	11.20	A2	—0.20	
4271	60°2615	42.30	61 23.3	9.50	cB0	0.40	
4272		42.31	62 54.0	12.38	F	0.42	
4273		42.32	62 03.0	11.70	G8	0.98	
4274	63°2044	42.32	64 18.0	10.55	gK2	1.40	
4275	63°2045	42.33	63 42.3	10.61	F0	0.21	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
4276		23 42.34	62 07.0	12.04	B3	0.66	
4277		42.36	61 52.9	10.68	A2	−0.14	
4278	61°2511	42.36	61 38.0	10.00	gG8	0.90	
4279		42.37	60 58.0	11.47	B0	0.63	
4280		42.38	59 44.2	11.58	G0	0.53	
4281	62°2289	42.39	62 47.6	10.59	A0	0.02	
4282		42.39	63 41.2	12.09	A0	−0.05	
4283		42.39	63 58.0	11.45	G2	—	
4284		42.40	63 02.8	12.20	F8	0.42	
4285		42.40	59 22.3	12.03	B5	0.41	
4286		42.41	61 28.5	11.12	A0	0.12	
4287		42.42	60 50.2	11.89	K	1.33	
4288		42.43	61 12.9	11.15	—	0.37	
4289		42.49	61 43.0	12.36	—	0.32	
4290		42.50	63 50.3	12.46	G0	0.53	
4291		42.50	62 18.5	12.50	G0:	0.54	
4292	63°2046	42.50	64 16.5	9.54	A0	0.01	
4293		42.51	64 18.0	12.10	—	1.18	
4294		42.52	63 27.1	12.68	G	0.85	
4295		42.53	61 47.6	12.27	A	0.14	
4296		42.54	61 41.7	11.46	B2	0.25	
4297		42.54	59 06.0	12.48	F0:	—	
4298		42.56	61 23.7	11.43	B3	0.43	
4299		42.56	62 02.5	11.29	B5	0.36	
4300		42.59	59 55.5	12.74	A	0.15	
4301		42.60	62 23.2	12.74	—	0.60	
4302		42.62	64 20.2	11.57	F8	0.50	
4303		42.65	58 24.2	11.89	A2	−0.10	
4304		42.65	64 34.2	11.51	F5	0.37	
4305		42.70	60 06.0	11.71	B3	0.43	
4306	62°2290	42.73	63 10.5	11.07	G0	0.47	
4307		42.73	62 43.6	11.90	G5	—	var?
4308	60°2616	42.75	60 58.9	10.61	A0	0.09	
4309		42.78	60 36.0	12.52	G2	0.69	
4310		42.78	58 05.4	11.71	A2	0.07	
4311		42.80	62 13.5	12.04	G8	0.85	
4312		42.80	62 58.5	11.48	F2	0.22	
4313		42.82	62 38.1	12.70	F	0.63	
4314		42.85	61 28.3	10.95	A0	0.03	
4315		42.85	63 14.2	12.23	F	0.37	
4316		42.87	62 56.9	12.21	A0	0.51	
4317		42.90	63 32.9	11.82	A8	0.12	
4318	63°2047	42.91	63 36.8	8.82	A0	−0.15	
4319		42.92	61 31.8	12.40	G	—	
4320		42.94	61 52.0	11.14	—	0.22	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
4321	62°2291	23 42.94	62 51.3	10.00	F8	0.52	
4322	59°2763	42.95	60 07.1	11.11	gG8	1.37	
4323	61°2512	42.96	61 53.5	8.88	gK0	0.82	
4324		42.97	63 34.7	11.42	cF2	1.14	
4325	60°2617	42.99	60 45.8	10.04	A0	0.50	16969 AB
4326		43.00	61 57.6	10.20	A2	0.15	
4327		43.00	59 28.5	12.09	B3	0.49	
4328	61°2513	43.02	61 37.5	9.02	A0	—0.13	
4329		43.03	60 29.8	11.75	A5	0.61	
4330	59°2764	43.04	59 53.8	11.05	G8	0.66	
4331		43.04	60 34.4	11.85	A2	0.23	
4332	60°2618	43.05	61 18.5	10.05	A2	0.11	
4333		43.05	58 14.2	12.28	—	1.17	
4334		43.07	61 51.9	12.39	B0	0.29	
4335		43.08	58 01.5	12.24	B8	0.32	
4336		43.08	63 45.6	11.34	F0	0.26	
4337		43.09	63 37.5	10.26	A0	—0.24	
4338	63°2049	43.11	63 54.0	9.62	A0	—0.17	
4339		43.13	61 38.0	12.12	B	0.34	
4340		43.13	58 09.7	11.55	A0	0.05	
4341		43.15	62 59.9	11.58	B0	0.69	
4342		43.15	64 21.8	11.10	A5	0.01	
4343		43.16	62 43.3	12.46	A0	0.55	
4344	59°2765	43.18	59 37.8	10.92	B2	0.74	
4345	62°2292	43.23	63 09.6	10.59	F5	0.31	
4346		43.24	61 52.0	10.96	B0	0.09	
4347		43.25	60 40.5	11.41	B2	0.59	
4348		43.25	62 37.9	11.36	A0	—0.19	
4349	63°2048	43.28	63 46.8	10.47	A8	0.10	
4350	61°2514	43.29	62 04.3	12.10	—	2.26	
4351	59°2766	43.30	59 56.5	9.48	F2	0.15	
4352		43.32	62 05.1	11.89	B3	0.43	
4353		43.35	63 33.5	12.29	G5	0.64	
4354		43.39	59 37.3	12.58	G0	0.71	
4355		43.39	58 58.9	11.56	F8	0.50	
4356		43.40	60 16.0	10.49	A5	0.13	
4357	61°2515	43.40	62 00.8	10.23	B3	0.31	
4358		43.40	61 45.5	12.31	B0	0.36	
4359	63°2050	43.42	63 40.0	9.08	F5	0.30	
4360		43.43	61 45.7	11.89	B	0.39	
4361		43.43	58 37.1	11.47	A8	0.13	
4362	57°2797	43.44	58 20.2	10.10	—	0.50	
4363		43.45	60 57.4	12.25	A2	0.35	
4364		43.45	61 54.5	11.25	F2	0.25	
4365		43.46	62 31.8	12.34	F8	0.57	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
4366		23 43.47	62 59.5	11.98	F8	0.41	
4367		43.49	61 09.8	12.91	A	0.56	
4368		43.50	61 39.8	10.90	F8	0.43	
4369		43.50	61 45.5	11.86	B0	0.26	
4370	62°2293	43.52	63 17.9	10.91	A0	0.11	
4371		43.53	61 25.6	12.15	F8	0.65	
4372		43.53	63 19.6	12.10	F2	0.17	
4373		43.55	62 08.8	12.05	F8	0.41	
4374	59°2767	43.56	59 57.0	10.91	B8	0.35	
4375		43.56	56 50.2	12.41	A5	0.50	
4376		43.56	60 05.2	11.19	dK0	0.71	
4377		43.58	63 01.8	11.36	A5	0.00	
4378		43.58	64 01.3	12.34	G5 :	—	
4379		43.58	63 41.7	12.40	G2	—	
4380	64°1853	43.59	64 32.6	10.57	F5	0.38	
4381		43.60	59 51.1	11.52	F	0.36	
4382		43.60	64 49.2	12.86	F5 :	0.50	
4383		43.60	61 54.5	12.02	—	0.56	
4384	61°2517	43.60	62 17.7	9.04	A0	0.02	
4385	57°2798	43.63	58 15.1	10.60	gK0	1.14	
4386	57°2799	43.63	58 25.1	10.74	K0	1.10	
4387	57°2800	43.64	58 13.6	11.34	K	1.33	
4388	61°2516	43.66	61 38.5	10.81	B3	0.11	
4389	59°2769	43.66	60 08.8	11.98	G0	0.50	
4390		43.68	60 11.9	8.0	gK0	—	16982 AB
4391	61°2519	43.69	62 23.5	7.52	A0	—	
4392		43.69	63 24.0	11.08	F2	0.27	
4393	59°2768	43.70	60 11.2	11.20	F	—	16982 c
4394		43.70	58 58.1	12.40	G0	0.50	
4395		43.70	62 00.5	12.06	B3	0.18	
4396		43.70	61 30.8	12.43	B	0.51	
4397	61°2518	43.70	61 42.6	8.32	B5	—0.09	
4398	62°2294	43.70	63 02.7	7.60	A0	—0.18	
4399		43.72	64 22.4	12.15	A	0.19	
4400		43.73	61 47.9	10.93	A0	0.03	
4401		43.74	61 30.2	11.27	B2	0.43	
4402		43.75	58 46.4	10.26	F8	0.39	
4403		43.75	62 44.7	11.95	F2	0.43	
4404		43.78	64 37.5	12.55	A	0.36	
4405		43.80	59 10.0	11.22	G0	0.41	
4406		43.80	61 46.2	11.60	B2	0.29	
4407		43.81	60 10.3	11.51	A0	0.18	
4408		43.81	60 16.2	11.30	A0	0.08	
4409		43.82	63 01.2	12.28	F2	0.52	
4410	61°2520	43.83	62 23.6	10.13	B5 :	1.02	16986 AB

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
4411		23 43.85	62 29.0	10.76	G8 :	0.94
4412		43.86	60 12.8	9.99	A0	0.02
4413		43.86	63 15.7	12.43	G5 :	—
4414		43.87	61 07.9	12.97	A	0.59
4415		43.87	58 28.8	12.18	G0	0.65
4416		43.92	61 38.4	11.64	A2	0.14
4417	58°2644	43.92	59 10.6	10.67	gK0	1.26
4418	61°2521	43.95	61 44.7	10.11	A5	0.27
4419		43.96	62 32.2	11.04	A0	0.40
4420	58°2645	43.98	59 00.0	9.56	A0	0.05
4421		43.99	58 16.8	11.25	A2	—0.04
4422	64°1855	44.00	64 38.5	10.21	A0	0.06
4423		44.00	63 25.1	11.03	A0	—0.03
4424	58°2646	44.04	58 44.0	8.70	A0	0.02
4425		44.05	64 32.2	12.23	—	0.39
4426		44.05	63 54.9	12.77	G2	0.72
4427		44.09	63 05.8	12.31	G0	0.51
4428		44.15	59 04.5	11.75	A0	0.43
4429		44.16	58 44.2	10.65	A0	0.03
4430		44.16	64 34.2	11.99	F8 :	0.41
4431		44.18	62 38.7	11.42	B2	0.10
4432		44.19	63 11.6	12.12	F8	0.40
4433		44.19	64 52.4	11.97:	F2	0.75 :
4434	63°2051	44.19	64 01.5	8.33	gK0	1.05
4435		44.20	61 16.5	11.74	A0	0.21
4436		44.21	64 05.9	11.81	G0	0.49
4437		44.22	61 51.9	12.25	B7	0.46
4438		44.25	62 20.6	11.15	F8	0.35
4439		44.26	59 03.0	10.30	A0	0.03
4440		44.30	62 11.2	10.56	A0	0.08
4441		44.32	61 11.0	11.55	—	—
4442	59°2771	44.32	60 26.5	10.47	A2	0.33
4443	61°2522 p	44.33	62 18.9	10.3	G0	—
4444		44.33	61 46.5	10.69	A2	—0.19
4445	59°2770	44.35	59 36.4	10.72	G0	1.04
4446	59°2772	44.35	60 25.5	11.45	G0 :	0.50
4447	61°2522 s	44.37	62 18.8	10.6	G0	—
4448		44.38	62 05.9	12.62	G0	0.50
4449		44.39	58 24.1	11.94	F5	0.52
4450	63°2052	44.39	64 26.2	9.64	G5	1.06
4451	63°2053	44.40	64 27.6	11.27	K0	1.32
4452		44.40	63 44.3	12.30	G2	0.52
4453		44.40	62 27.0	10.90	F8	0.36
4454		44.43	61 10.1	11.12	F	0.47
4455		44.43	59 55.3	11.81	G5	0.63

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
4456		23 44.44	60 23.5	11.50	G0	1.07	
4457		44.45	60 57.1	12.11	G0	0.54	
4458	61°2523	44.47	62 14.0	9.08	A5	0.04	
4459	58°2647	44.47	58 56.2	10.76	gK0	1.00	
4460		44.47	58 09.7	11.01	G0 :	0.51	
4461		44.53	63 28.5	11.81	F8	0.38	
4462	57°2802	44.55	58 02.7	9.22	gK0	1.00	
4463	57°2803	44.58	58 06.2	9.15	A0	—0.13	
4464		44.60	59 54.0	12.11	A2	0.32	
4465	57°2804	44.60	58 22.5	(6.1)	gG9	—	
4466	64°1857	44.60	64 47.8	10.07	A2	0.38	
4467		44.60	58 51.1	12.54	F0 :	1.07	
4468	62°2295	44.60	63 13.2	9.66	A0	—0.05	
4469		44.62	61 41.3	12.00	B3	0.16	
4470		44.62	62 07.2	11.15	B5	0.23	
4471		44.64	62 48.8	11.42	F0	0.66	
4472		44.65	60 23.9	10.60	G0	0.51	
4473		44.66	60 03.5	12.09	A	0.47	
4474		44.67	62 46.8	11.88	A0	0.12	
4475	59°2773	44.72	60 02.3	8.55	B3	0.14	
4476		44.76	62 29.9	11.97	B3	0.60	
4477	58°2648	44.79	59 06.2	8.78	F2	0·29	
4478		44.79	58 06.7	11.50	K	1.22	
4479		44.79	58 57.3	12.26	G2	0.70	
4480		44.80	63 54.6	12.34	G0	0.60	
4481		44.80	60 28.8	10.62	cB0	0.60	
4482		44.80	62 36.0	12.80	B8	0.84	
4483		44.85	59 40.5	11.31	F2	0.60	
4484		44.86	61 10.2	11.57	B2	0.48	
4485		44.86	59 47.0	12.06	F8	0.56 :	
4486		44.86	63 55.8	12.26	F	0.46	
4487		44.89	63 55.5	12.16	F5	0.34	
4488		44.91	62 12.5	11.89	G8	0.86	
4489	60°2619	44.92	61 11.4	10.20	A0	0.15	
4490	62°2296	44.96	62 56.7	9.74:	B0	—	17001 AB
4491		44.96	58 46.5	11.07	gG8	1.06	
4492		44.99	58 16.3	12.41	—	0.36	
4493		45.00	62 41.4	11.96	A0	0.50	
4494		45.00	59 51.4	12.57	F5	0.56	
4495	59°2774	45.00	60 28.5	10.56	B2	0.23	
4496	63°2054	45.02	63 52.2	7.70	A0	—0.25	
4497		45.03	58 53.7	11.60	B0	0.50	
4498	61°2524	45.04	62 07.8	10.80	K5	1.68	
4499		45.05	63 06.6	11.62:	B	—	
4500		45.05	60 58.7	12.56	G	0.70	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
4501	62°2297	23 45.07	63 06.3	10.25:	A0	—0.13:
4502	57°2806	45.10	58 23.6	9.84	gG8	1.08
4503		45.10	62 45.2	12.76	A	0.56
4504		45.17	60 03.6	10.72	F2	0.50
4505		45.20	58 49.5	11.93	A0	0.20
4506		45.20	58 56.9	10.94	A2	0.28
4507		45.21	58 27.1	11.54	K	1.31
4508		45.22	64 49.0	12.12	G0	0.50
4509	57°2807	45.22	58 25.7	9.71	gG8	0.98
4510		45.23	59 07.3	12.71	A0	0.56
4511		45.23	58 16.2	10.93	A0	—0.13
4512		45.23	60 03.5	11.04	A0	0.22
4513		45.26	60 33.9	11.85	F	0.50
4514	58°2649	45.27	58 37.6	9.50	A0	0.13
4515		45.28	61 52.6	11.18	G5	0.68
4516	61°2525	45.29	61 38.6	10 35	A0	—0.17
4517		45.30	60 11.5	10.65	F0	0.23
4518	61°2526	45.30	61 45.8	8.97	cB3	0.23
4519		45.31	60 42.3	11.24	F8	0.43
4520		45.32	60 44.4	11.23	A8	0.62
4521		45.34	61 58.3	11.13	A0	—0.15
4522		45.37	58 32.6	11.02	A0	0.19
4523	61°2527	45.38	62 31.2	11.26	B8	—
4524		45.38	59 52.7	12.03	F8	0.48
4525		45.39	63 02.9	12.10	G5	0.72
4526		45.40	60 49.5	11.29	B2	0.43
4527		45.40	63 38.0	12.09	A8	0.29
4528	62°2298	45.44	62 41.2	8.43	A8	—0.05
4529		45.48	61 13.5	12.37	A0	0.51
4530		45.51	62 55.2	12.52	—	0.80
4531		45.51	62 08.5	12.67	A0	0.54
4532		45.53	58 11.5	11.40	A0	0.12
4533		45.53	61 13.1	11.72	A0	0.37
4534		45.54	61 09.0	12.15	F	0.51
4535	58°2650	45.55	59 30.7	10.29	G8	0.71
4536		45.57	62 15.6	11.84	F5	0.30
4537		45.57	63 50.9	12.43	K	1.30
4538		45.58	60 57.2	11.53	B0	0.50
4539		45.60	64 36.2	12.51	A2	0.57
4540		45.60	62 31.8	12.42	—	0.50
4541		45.62	62 56.6	12.39	F5	0.39
4542		45.63	61 03.1	12.57:	B	—
4543		45.64	61 51.3	11.38	B5	0.11
4544		45.64	58 06.2	12.24	F	0.50
4545		45.66	60 36.1	10.84	A2	0.28

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
4546	62°2299	23 45.66	63 07.4	10.00	B2	0.50	
4547		45.68	62 27.0	10.99	dG0	0.50	
4548	63°2055	45.69	63 32.2	7.35	A0	−0.15	17010 A
4549		45.69	58 24.0	12.03	A	0.11	
4550		45.72	64 46.2	11.43	F8	0.45	
4551		45.72	61 57.4	12.15	B5	1.10	
4552	61°2528	45.74	61 40.7	9.88	gG8	1.18	
4553	58°2651	45.75	59 13.3	10.72	B2	0.56	
4554		45.75	64 27.4	12.31	F5	0.52	
4555		45.77	61 54.3	11.79	B7	0.33	
4556		45.78	62 06.4	12.34	F8	0.50	
4557		45.79	61 09.5	12.24	B8	0.53	
4558		45.79	63 03.6	12.07	B	0.50	
4559		45.83	63 49.2	12.72	F5	0.52	
4560	62°2300	45.85	63 31.5	9.66	F2	—	17010 BC
4561		45.85	64 07.5	12.05	A	0.19	
4562		45.88	60 55.0	12.48	B	0.58	
4563		45.89	58 45.1	11.95	B5 :	0.35	
4564		45.89	61 31.2	12.19	—	0.31	
4565		45.89	60 34.1	12.21	G	0.95	
4566		45.90	61 07.1	12.50	F5	—	
4567		45.94	58 02.0	12.50	A	—	
4568		46.00	59 19.3	11.61	G2	0.50	
4569		46.00	61 31.0	11.17	B3	0.27	
4570	59°2775	46.00	60 00.6	10.20	B5	0.20	
4571		46.00	64 52.5	11.70	B8	0.50	
4572		46.02	61 02.0	12.61	A0	0.48:	
4573	63°2057	46.08	64 19.9	10.89	gK0	1.36	
4574		46.10	60 31.9	11.17	A0	0.13	
4575		46.10	60 48.6	12.70	F5	0.38	
4576	61°2529	46.10	61 42.1	9.04	cB0	0.42	
4577	59°2776	46.10	60 12.7	9.86	A0	0.43	
4578	61°2530	46.15	62 00.3	10.40	G5	0.69	
4579		46.17	58 20.7	11.83	A0	0.41	
4580	61°2531	46.20	61 57.8	9.70:	B3	—	
4581	64°1860	46.20	64 36.7	8.6	A0	—	17020 c
4582		46.21	63 55.5	12.09	G	—	
4583		46.23	61 04.8	11.87	A5	1.00	
4584	64°1861	46.23	64 36.0	(6.6)	A0	—	17020 AB
4585		46.23	59 20.9	12.85	A	0.49	
4586		46.24	62 57.0	11.84	A5	−0.01	
4587		46.25	63 39.0	12.12	F5	0.44	
4588		46.26	58 59.5	11.71	F2	0.50	
4589		46.28	61 25.2	12.22	G	0.66	
4590	60°2621	46.29	61 23.0	10.56	A0	0.10	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
4591	64°1859	23 46.29	64 49.6	10.04	F0	0.40	
4592	60°2622	46.30	61 30.7	9.92	gG8	0.95	
4593		46.30	61 56.7	10.38	B5	—	
4594		46.30	62 11.2	11.85	—	0.11	
4595		46.32	64 05.3	11.89	F5	0.40	
4596		46.35	59 14.6	12.00	G0	0.54	
4597		46.37	62 10.7	11.42	A5	—0.03	
4598	59°2777	46.38	59 42.0	(6.23)	A0	—	
4599		46.39	59 53.2	12.32	K	1.56	
4600		46.42	63 58.8	11.63	F2	0.21	
4601	61°2532	46.43	62 18.5	8.80	A2	0.03	
4602		46.43	63 03.0	12.64	F0	0.40	
4603		46.43	59 18.2	11.77	K	1.56	
4604		46.45	59 56.0	12.32	A0	0.54	
4605	61°2533	46.46	61 56.2	(6.00)	cA2e	—	
4606		46.48	60 42.1	12.87	B2	0.73	
4607		46.51	63 08.3	12.18	G0	0.50	
4608		46.52	60 19.7	11.65	A5	0.35	
4609		46.52	62 43.6	12.40	—	0.90	
4610		46.53	64 47.2	12.3	G2 :	—	
4611		46.55	59 15.5	10.93	A0	0.24	
4612	58°2652	46.56	59 11.0	10.07	A0	0.15	
4613	63°2058	46.56	64 17.5	10.24	A0	0.08	
4614	62°2301	46.56	63 30.3	9.92	A2	0.15	
4615	63°2057	46.57	63 35.7	10.04	A8	0.38	
4616		46.59	61 14.4	12.17	G5	0.66	
4617		46.59	64 12.4	11.94	F5	0.35	
4618	60°2623	46.60	61 05.2	10.40	gK2	1.69	
4619		46.60	63 20.8	11.97	B3	0.54	
4620		46.62	58 35.5	11.30:	G0	0.53:	
4621		46.63	63 29.5	12.07	G0	0.50	
4622		46.65	63 12.7	12.72	—	0.64	
4623	60°2620	46.70	60 59.8	10.51	gK5	1.75	17018 A
4624	59°2778	46.71	59 40.0	9.94	F8	0.57	
4625	58°2653	46.71	58 41.2	(6.75)	dF3	—	
4626	61°2534	46.71	61 34.0	10.10	gG8	0.87	
4627		46.72	61 15.0	12.09	B0	0.44	
4628		46.75	61 43.2	10.73	A0	—0.27	
4629		46.75	64 11.4	11.57	F8	0.58	
4630		46.77	61 27.4	11.92	F8 :	0.62	
4631	62°2302	46.75	62 40.1	10.40	G5	0.68	
4632	57°2812	46.79	58 21.5	10 47	F8	0.84	17026 AB
4633		46.80	62 32.8	12.02	A2	0.40	
4634		46.82	62 22.5	11.03	gG8	1.08	
4635		46.84	58 04.9	12.16	—	0.77	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
4636	61°2535	23 46.85	61 43.9	10.48	A2	0.06
4637	63°2059	46.85	63 57.8	10.32	F0	0.34
4638		46.88	63 46.2	11.45	G0	0.51
4639		46.89	59 03.6	12.07	A2	0.42
4640	60°2624	46.90	60 39.8	11.40	M	1.72
4641		46.90	60 58.9	11.65	A0	0.41
4642	61°2536	46.90	61 40.7	9.88	B3	0.40
4643		46.93	59 21.0	12.09	F8	0.41
4644		46.94	60 50.1	11.20	B2	0.40
4645	63°2060	46.95	63 54.8	10.18	A0	0.06
4646		46.95	62 52.2	11.69	A8	0.22
4647	57°2813	46.96	58 14.2	9.52	F5	0.26
4648		46.98	61 24.0	12.09	G	0.85
4649		46.99	59 39.1	12.68	A0	0.60
4650		46.99	65 00.0	12.05	G8	—
4651		47.00	60 20.0	12.06	G0	0.50
4652	59°2779	47.00	60 28.8	11.14	cB3	0.67
4653		47.00	58 16.5	12.50	—	1.11
4654	62°2303	47.09	63 11.2	9.52	A0	—0.10
4655		47.09	62 10.0	11.97	F5	0.38
4656		47.09	64 53.2	12.28	F8	0.46
4657	58°2654	47.10	59 00.8	9.86	F8	0.91
4658		47.10	58 18.4	11.52	B2	0.14
4659		47.12	60 38.2	12.46	G5	0.66
4660		47.12	60 41.2	12.48	—	0.50
4661		47.12	61 55.5	11.95	G0	0.52
4662	62°2304	47.14	62 50.0	10.48	B5	0.09
4663		47.15	62 02.8	10.67	B8	—0.10
4664	60°2625	47.18	60 36.0	8.50	F8	—
4665		47.18	60 51.9	10.94	G8	0.91
4666		47.18	64 29.4	11.64	F	0.54
4667		47.20	59 44.4	12.46	K	1.64
4668		47.20	61 54.4	12.11	B	0.12
4669		47.22	64 59.6	10.71	A5	0.04
4670		47.22	62 00.9	11.59	A0	—0.03
4671		47.23	59 54.0	11.96	G8 :	1.28 :
4672		47.25	62 19.1	11.42	A0	0.00
4673		47.26	62 47.2	10.97	A0	—0.09
4674		47.34	58 16.5	12.21	F0	0.70
4675	62°2305	47.35	62 41.8	11.01	A2	0.11
4676		47.37	61 37.0	10.97	A0	—0.07
4677		47.38	63 51.3	12.32	A0	0.36
4678		47.43	58 08.2	12.18 :	A0	0.75 :
4679		47.45	62 08.5	12.02	A	0.50
4680	58°2655	47.45	59 08.5	10.60	F5	0.38

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
4681		23 47.45	62 46.4	11.82	K	1.34
4682	61°2537	47.46	61 55.6	7.56	B3e	—0.27
4683		47.51	61 10.4	12.50:	F5	—
4684	60°2626	47.52	61 13.0	10.07	A5	0.17
4685		47.52	59 38.2	11.83	—	0.37
4686		47.52	62 25.3	11.30	F	0.50
4687		47.55	61 27.0	11.60	G0 :	0.53
4688		47.55	62 02.4	11.24	A0	0.07
4689		47.55	63 03.0	11.60	F	0.22
4690	62°2306	47.55	62 51.8	10.31	dG8	0.80
4691		47.56	61 43.7	11.92	B2	0.20
4692		47.57	62 07.1	11.85	F	0.45
4693		47.58	62 24.2	12.44	B	0.54
4694		47.59	62 25.5	11.42:	—	0.52:
4695		47.60	64 45.0	11.15	A2	0.32
4696		47.60	58 36.0	12.56	B8	0.48
4697		47.61	62 23.0	11.76	—	0.20
4698		47.63	62 18.5	12.28	G0 :	0.50
4699		47.63	62 15.2	11.85	G0	0.51
4700		47.64	59 35.7	12.37	A0	0.50
4701		47.66	60 39.0	10.84	B0	0.36
4702		47.66	58 18.6	11.28	B0	0.38
4703		47.66	62 47.6	11.43	A8	0.34
4704		47.68	61 04.7	12.74	A	0.68
4705		47.68	61 33.7	11.83	G5	0.67
4706		47.70	61 32.8	12.42	A	0.50
4707	60°2627	47.71	60 49.5	11.75	—	—
4708	58°2656	47.73	58 51.7	9.40	A0	0.00
4709		47.79	61 25.5	11.24	B8	0.26
4710		47.79	59 44.3	12.18	K	1.27
4711	62°2307	47.80	63 14.0	10.39	A0	—0.17
4712	62°2308	47.80	63 15.6	10.83	B3	0.76
4713		47.85	61 01.2	12.04	A8	0.71
4714		47.85	62 18.2	9.95	A0	0.15
4715		47.91	59 44.5	12.70:	F	0.50 :
4716		47.91	58 48.5	11.55	G8	0.83
4717		47.93	64 23.4	11.91	F0	0.29
4718		47.95	64 27.0	11.7	G	—
4719	58°2657	47.96	59 20.2	8.40	A5	0.17
4720		47.96	60 03.7	11.78	G0	0.58
4721		47.96	64 04.8	12.11	F5	0.38
4722	63°2062	47.96	64 11.0	10.29	A8	0.26
4723		47.97	64 22.6	10.76	gK0	1.40
4724		47.98	59 09.8	12.86:	A	0.50 :
4725	62°2310	48.00	63 28.5	8.56	K5	1.58

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
4726	63°2061	23 48.01	64 24.0	10.47	G5	0.66	
4727		48.04	62 17.8	11.97	F0	0.39	
4728	60°2628	48.05	60 44.4	9.48	A0	0.25	
4729	64°1864	48.05	64 58.5	10.32	A2	0.26	
4730		48.06	60 52.8	11.39	B2	0.55	
4731	62°2309	48.06	62 52.5	10.70	A2	0.09	
4732		48.07	62 30.0	10.80	A0	0.09	
4733		48.07	62 00.6	11.51	G0	0.53	
4734		48.08	61 18.1	11.09	F2	0.34	
4735	61°2541	48.08	62 09.5	11.06	B3	0.34	
4736		48.10	60 43.1	11.25	A8	0.38	
4737	61°2538	48.10	61 54.0	8.95	A0	—0.13	
4738		48.12	58 18.7	11.37	A0	0.39	
4739	64°1863	48.14	64 45.5	10.30	G0	0.50	
4740	61°2540	48.17	61 39.0	10.62	A0	0.00	
4741		48.17	58 52.9	11.41	A0	0.25	
4742	61°2539	48.17	61 46.4	9.18	F2	0.22	
4743		48.18	61 43.1	10.74	A0	—0.07	
4744		48.18	63 24.0	11.82	G8	0.98	
4745		48.20	58 49.1	12.10	K	1.11	
4746	60°2629	48.21	60 38.1	10.35	B0	—	UU Cas.
4747	64°1864	48.22	64 59.2	10.85	B8	0.50	
4748		48.23	64 35.6	11.43	A0	—0.22	
4749		48.24	63 11.9	12.21	G0	0.50	
4750		48.25	60 40.8	12.12	B	0.50	
4751		48.28	61 35.8	10.85	M	1.81	
4752		48.30	63 10.5	10.84	F0	0.20	
4753		48.32	61 32.4	12.20	A0	0.30	
4754		48.33	60 55.7	10.82	G5	0.64	
4755	58°2658	48.33	58 51.5	9.64	A0	0.01	
4756		48.34	64 27.0	12.49	B	—	
4757	62°2311	48.39	62 59.5	9.33	F5	0.43	
4758		48.40	62 09.3	11.00	M	1.58	
4759		48.40	63 53.9	12.44	G0	0.50	
4760	61°2542	48.40	62 01.3	10.29	A0	—0.27	
4761	58°2659	48.40	59 23.4	9.26	gG8	0.97	
4762		48.40	62 53.8	12.54	—	1.51	
4763		48.41	58 42.9	11.50	A5	0.14	
4764	61°2546	48.45	62 06.4	10.88	A0	—0.04	
4765	63°2063	48.45	63 50.6	10.47	G8	1.01	
4766		48.45	61 13.1	11.38	G0	0.50	
4767		48.47	61 52.5	12.41	G0:	0.50	
4768		48.48	59 02.9	11.64	G2	0.60	
4769	61°2544	48.50	62 15.7	8.92	A8	0.13	
4770		48.51	62 36.1	11.61	B	0.48	

	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
4771		23 48.51	62 55.5	12.62	F8	0.56
4772		48.52	58 40.9	11.79	F5	0.50
4773		48.52	62 27.8	11.93	A0	0.12
4774		48.53	60 47.7	11.72	B5	0.27
4775		48.53	61 18.7	11.36	F0	0.44
4776		48.55	61 14.6	12.12	A	0.50
4777	63°2064	48.57	63 42.5	(6.75)	A2	—
4778		48.58	58 31.0	11.11	A0	0.13
4779		48.59	60 43.5	10.90	A0	—0.16
4780		48.59	60 55.3	11.41	A0	0.05
4781	61°2545	48.59	61 38.8	10.43	A0	—0.09
4782	57°2818	48.59	58 11.3	10.41	A0	0.29
4783		48.60	60 33.6	11.97	A0	0.26
4784		48.60	59 45.1	12.08	A0	0.48
4785		48.60	62 58.2	12.44	A	0.44
4786		48.61	62 09.6	12.75	—	0.29
4787		48.61	62 12.1	12.12	A8	0.38
4788		48.62	62 06.8	11.02	M	1.68
4789		48.62	64 31.8	12.37:	G	0.58:
4790		48.63	58 01.0	12.14	B	0.38
4791		48.63	58 49.0	11.60	G0	0.54
4792		48.64	64 37.4	11.19	A5	0.29
4793		48.70	62 05.7	12.57	—	0.48
4794		48.73	60 10.4	12.12	A0	0.31
4795		48.76	64 59.6	11.22	F5	—
4796		48.77	62 44.9	11.45	F8	0.49
4797		48.80	58 40.0	11.49	G0	0.60
4798	61°2547	48.80	62 18.8	8.82	dG0	0.48
4799		48.80	62 08.8	11.24	B2	0.00
4800	58°2660	48.81	58 50.5	9.00	F5	0.36
4801		48.84	63 16.8	12.13	—	1.17
4802		48.86	61 47.8	11.32	B5	—0.10
4803		48.87	61 19.5	12.38	G0	0.62
4804		48.90	60 30.6	12.22	A	0.48
4805		48.90	59 25.5	12.36	A0	0.45
4806		48.90	62 44.0	12.06	G	0.28
4807		48.90	61 45.1	12.14	B8:	0.16
4808		48.93	64 44.4	11.80	A2	0.20
4809	58°2661	48.94	58 56.8	9.92	B8	0.31
4810		48.95	60 54.0	11.86	M	1.70
4811		48.95	60 13.5	11.72	A0	0.10
4812		48.96	64 57.3	11.22	G0	0.56
4813		48.97	63 10.1	11.35	B8:	0.30
4814		49.00	58 49.2	12.24	G0	0.58
4815		49.00	61 33.8	11.33	F5	0.26

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
4816	61°2548	23 49.04	61 59.5	10.88	M2	1.86	
4817		49.07	58 56.5	11.37	A0	0.00	
4818		49.08	63 51.8	11.94	A0	0.10	
4819		49.13	64 27.0	11.80	G8	1.11	
4820		49.14	58 07.2	11.27	A5	0.42	
4821	60°2630	49.15	60 46.1	10.92	G0	0.54	
4822		49.18	62 57.0	11.73	B5	0.26	
4823	63°2065	49.19	63 32.8	10.44	A0	−0.01	
4824		49.20	62 48.0	12.10	K	1.48	
4825		49.22	63 04.9	11.42	F5	0.28	
4826		49.22	61 44.2	12.08	A5	0.48	
4827		49.22	61 43.6	11.95	A0	0.55	
4828		49.22	59 16.7	11.77	A0	0.31	
4829		49.23	61 40.9	12.65	A	0.48	
4830	57°2821	49.23	58 31.4	10.46	A0	0.02	
4831		49.24	59 12.4	12.18	G	1.19	
4832		49.25	61 08.2	11.01	A5	0.45	
4833	59°2780	49.30	60 10.7	10.47	A0	0.25	
4834		49.31	60 54.4	12.61	B	0.07	
4835		49.31	63 52.3	11.97	F5	0.35	
4836		49.32	59 17.6	11.40	A0	0.05	
4837		49.33	62 41.6	12.11	—	0.46	
4838		49.35	61 05.6	12.24	A5	0.52	
4839		49.35	60 07.3	12.74	A5	—	
4840		49.39	62 08.2	10.70	B8 :	0.01	
4841		49.39	58 26.0	10.00	A0	0.28	
4842		49.40	62 09.3	11.88	—	0.28 :	
4843		49.41	59 52.1	11.90	A0	0.74	
4844		49.43	62 36.4	12.40	—	0.90	
4845		49.45	59 48.8	11.92	F2 :	0.45	
4846	58°2662	49.45	59 26.3	10.31	G0	0.57	
4847		49.46	60 44.7	12.21	A0	0.29	
4848		49.49	61 40.4	12.33	A5	0.47	
4849		49.50	59 38.2	11.42	G5	0.71	
4850	59°2781	49.50	60 06.3	11.31	gK5	1.70	
4851		49.50	61 53.6	12.13	K	1.26	
4852	62°2312	49.51	62 56.8	12.35	M	2.02	
4853		49.52	63 10.7	11.94	F8	0.43	
4854	59°2782	49.53	59 45.1	11.00	G0	0.50	
4855	61°2549	49.54	62 18.9	10.21	B3	0.11	
4856	62°2313	49.58	63 01.5	9.12	B3	0.28	
4857		49.61	61 28.1	11.63	F5	0.35	
4858		49.62	59 36.4	11.74	G2	0.63	
4859	57°2823	49.62	58 27.8	11.48	cG5	—	17057 RYCas.
4860		49.63	60 53.6	12.01	K	1.16	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
4861		23 49.63	62 53.3	11.74	A0	0.08	
4862	63°2066	49.63	64 20.5	10.22	A0	0.30	17056
4863		49.64	60 04.5	11.34	F2	0.50	
4864		49.64	59 05.0	12.66	G2:	0.64	
4865		49.65	58 45.5	11.15	A2	0.28	
4866		49.66	58 47.5	12.48	B	0.33	
4867		49.66	62 30.0	10.81	F8	0.33	
4868	58°2663	49.69	59 26.1	10.22	G0	0.78	
4869	59°2783	49.70	59 58.5	9.82	F5	0.45	
4870		49.71	61 55.5	12.4	F	—	
4871	63°2067	49.72	64 10.5	11.07	G8	1.04	
4872		49.74	62 43.3	10.80	dG5	0.60	
4873	60°2631	49.75	60 38.3	9.86	cB0	0.36	
4874	62°2314	49.75	63 04.6	10.47	A0	0.03	
4875		49.75	64 59.2	11.54	A2	—0.02	
4876		49.78	64 45.5	12.10	B7	0.50	
4877		49.79	62 10.9	12.44	A	0.46	
4878		49.80	60 21.2	12.11	G8	0.91	
4879		49.80	63 14.5	12.3	G5:	—	
4880		49.81	63 17.4	11.06	A5	0.12	
4881	63°2068	49.83	63 52.5	11.49	F5	0.37	
4882	61°2551	49.84	61 35.8	7.63	A8	0.51	
4883		49.85	62 22.5	12.07	G5	1.30	
4884		49.85	59 31.3	10.67	A0	0.09	
4885		49.86	58 30.8	12.58	—	0.50	
4886		49.88	63 23.1	11.49	F	0.37	
4887		49.89	59 07.1	12.62	K	—	
4888		49.90	59 11.2	11.08	K5:	1.96	
4889	61°2550	49.90	61 50.3	9.25	B0	0.02	
4890		49.91	59 46.6	12.14	G0	0.50	
4891	64°1867	49.92	64 59.4	9.52	A0	—0.06	
4892		49.92	60 54.5	12.38	K	1.29	
4893		49.93	64 07.4	12.53	B	—	
4894		50.00	60 38.2	11.60	A0	0.20	
4895		50.00	63 17.2	11.68	B3	0.40	
4896		50.05	62 07.2	11.17	B8	0.09	
4897		50.08	61 13.2	12.72	A5	0.44	
4898		50.09	62 08.4	10.24	B5	—0.02	
4899		50.12	60 54.1	12.05	F5	0.43	
4900	62°2315	50.12	62 35.4	10.37	G0	0.55	
4901		50.13	62 48.1	11.65	A2	0.19	
4902		50.14	62 04.8	11.52	B5	0.07	
4903		50.15	61 22.8	11.25	B5	0.36	
4904		50.16	61 59.5	11.69	B2	—0.08	
4905		50.17	64 08.4	11.85	F2	0.44	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
4906		23 50.18	62 01.2	12.35	F	0.39	
4907		50.20	63 21.0	12.08	—	0.50	
4908		50.20	63 14.2	12.27	—	0.20	
4909		50.21	60 26.6	12.07	B3	0.39	17073
4910		50.21	60 49.5	11.64	B5	0.22	
4911	60°2632	50.21	60 42.6	9.89	cB0	0.35	
4912		50.21	63 54.8	12.40	G0	0.50	
4913	57°2824	50.22	58 19.9	11.17	gK0	1.32	КЗП
4914		50.22	59 48.1	11.57	A0	0.44	
4915		50.23	60 24.5	11.63	—	—	
4916		50.23	61 53.4	11.90	F5	0.38	
4917		50.24	58 39.3	11.97	K	1.32	
4918	60°2633	50.25	61 00.5	9.16	gG8	0.90	
4919		50.26	63 24.0	12.51	A5	0.31	
4920	64°1868	50.26	64 55.3	9.29	A0	—0.07	
4921		50.28	58 11.0	11.09	F	0.39	
4922		50.29	60 52.8	11.71	B3	0.04	
4923		50.30	61 23.4	12.05	F	0.50	
4924	63°2069	50.30	64 01.7	10.12	gG8	1.06	
4925		50.30	62 10.0	11.46	B3	0.24	
4926		50.32	58 20.5	12.42	A	0.54	
4927		50.35	60 04.6	11.29	A0	0.16	
4928		50.35	61 04.8	10.27	F5	0.30	
4929		50.35	61 13.3	11.42	B2	0.39	
4930		50.35	61 51.6	11.56	F5	0.54	
4931		50.35	63 38.7	11.51	G8	1.06	
4932		50.36	61 50.2	11.81	A5	—0.09	
4933		50.36	60 35.9	11.58	G8	1.10	
4934		50.37	59 13.2	11.94	K0	1.15	
4935		50.38	63 22.8	12.73	F	0.50	
4936		50.39	60 53.3	12.08	A5	0.27	
4937	58°2666	50.40	58 44.4	10.63	A0	—0.09	
4938	58°2664	50.41	59 22.0	9.90	A0	0.52	
4939		50.45	60 05.0	11.11	A2	0.35	
4940		50.46	58 26.9	11.94	B5:	0.30	
4941	61°2552	50.47	61 42.6	11.25	B8	—0.01	
4942	60°2634	50.49	60 43.3	11.00	K	—	TZ Cas.
4943		50.52	62 18.0	12.51	F	0.25	
4944	58°2665	50.53	58 58.2	11.22	K0	1.22	
4945		50.53	59 18.0	10.96	A2	0.18	
4946		50.55	58 07.2	12.16	A	0.20	
4947		50.55	61 25.1	10.68	A2	0.51	
4948		50.55	60 12.3	12.13	—	0.66	
4949	62°2316	50.55	62 33.5	10.08	G0	0.65	
4950		50.56	63 49.8	12.70	G	0.74	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
4951	62°2317	23 50.57	62 55.6	11.87	F5	0.33	
4952	61°2553	50.57	62 21.6	9.77	gK0	1.16	
4953	57°2825	50.57	58 14.9	10.20	gK0	1.28	
4954	59°2784	50.57	60 25.5	8.28	gK2	1.55	17080
4955		50.57	60 46.5	12.12	—	0.31	
4956		50.58	58 45.1	11.67	K0	1.21	
4957	60°2635	50.59	60 37.8	10.37	B0	0.29	
4958	58°2667	50.60	59 09.0	8.84	gG7	0.93	
4959		50.63	63 24.0	12.18	A	0.50	
4960		50.66	59 13.5	12.13	F	0.41	
4961	61°2554	50.68	61 43.8	10.88	B2	0.14	
4962		50.70	60 12.3	12.90	G5 :	0.54	
4963		50.70	62 06.1	12.46	B	—0.03	
4964	61°2555	50.70	61 39.8	9.90 :	B0	0.38:	17081
4965		50.71	63 32.6	11.44	G0	0.50	
4966		50.72	63 46.4	12.37	G0	0.51	
4967		50.73	64 00.0	12.09	A8	0.17	
4968		50.74	62 39.6	12.56	A	0.39	
4969		50.74	60 07.5	11.80	A	—	
4970		50.75	60 24.7	10.57	A0	—0.03	
4971		50.75	62 41.0	12.04	F	0.32	
4972		50.75	58 45.5	12.05	G8	0.90	
4973		50.78	60 11.2	12.11	A0	0.13	
4974		50.78	60 20.4	12.08	G2	0.60	
4975	63°2070	50.79	64 03.0	10.72	A0	—0.16	
4976	61°2556	50.80	61 40.5	10.98	B2	0.02	
4977	58°2668	50.80	59 12.6	10.02	A0	0.25	
4978		50.82	62 49.5	11.96	B2	0.11	
4979		50.83	64 01.5	12.21	A2	0.78	
4980		50.84	60 04.5	10.84	A0	0.30	
4981		50.84	60 46.5	11.16	G0	0.50	
4982		50.86	59 57.0	12.11	K0	1.80	
4983		50.87	59 40.1	11.60	K2	1.25	
4984		50.89	64 08.9	11.38	F0	0.36	
4985		50.90	59 24.7	10.87	F5	0.50	
4986		50.92	60 21.3	10.65	B2	0.31	
4987	59°2785	50.95	60 24.0	10.25	B0	0.31	
4988		50.95	60 31.8	12.22	A2	0.03	
4989		50.98	62 43.8	12.47	F	0.59	
4990		51.00	61 19.6	11.03	F0	0.87	
4991		51.00	61 06.1	11.03	F	0.50	
4992		51.00	58 34.8	12.10	G8	1.16	
4993		51.00	59 00.7	11.41	A0	0.23	
4994		51.03	58 21.2	12.42	F	0.48	
4995		51.05	58 32.4	12.53	A8 :	0.33	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
4996	63°2071	23 51.05	64 06.7	10.55	gK0	1.32
4997	62°2318	51.11	62 36.3	10.98	A0	0.28
4998		51.13	64 31.8	12.43	A5 :	0.43
4999	63°2072	51.13	64 29.5	11.00	A5	0.36
5000		51.15	60 45.0	12.26	A	0.32
5001		51.15	60 51.2	12.48	G2	0.83
5002		51.20	63 37.5	11.66	—	0.14
5003		51.20	61 49.3	12.30	G8 :	1.10
5004		51.20	61 40.3	10.37	B0	0.11
5005	61°2557	51.21	62 15.4	9.62	A5	0.22
5006		51.23	61 25.5	11.69	A2	0.16
5007		51.24	59 18.0	12.62	A0	0.53
5008		51.24	61 39.5	12.00	B2	0.28
5009	61°2558	51.25	62 06.9	11.49	K	1.61
5010		51.25	64 33.5	12.22	A0	0.22
5011		51.30	61 37.0	11.67	B3	0.34
5012	64°1870	51.31	64 33.7	10.78	F8	0.42
5013		51.32	59 00.4	11.68	G0	0.50
5014	61°2559	51.32	62 08.3	9.80	B0	0.03
5015		51.32	61 33.4	11.67	A0	0.12
5016		51.33	59 14.8	12.70	A5 :	0.83
5017	60°2636	51.34	60 34.2	7.45	cAOe	0.61
5018		51.35	61 26.8	11.37	B3	0.19
5019		51.35	60 18.9	11.00	B0	0.28
5020	62°2319	51.36	63 16.5	10.16	gG5	0.83
5021		51.38	60 04.5	12.60	A	0.56
5022		51.40	61 50.8	12.00	K0	1.05
5023		51.40	62 56.9	11.27 :	A0	—
5024		51.40	63 01.2	11.62	F5	0.24
5025		51.40	61 36.3	12.34	B2	0.32
5026	62°2320	51.40	62 57.0	10.3 :	B5	—
5027	59°2780	51.45	60 05.8	10.25	B0	0.36
5028		51.47	60 47.4	11.03	F5	0.29
5029		51.50	59 35.9	12.11	F	0.39
5030		51.50	62 45.0	11.38	F2	0.26
5031		51.53	59 05.3	11.37	F2	0.60
5032		51.54	61 28.4	12.01	A0	0.21
5033		51.56	60 39.7	11.64	A0	—0.04
5034		51.56	63 47.2	12.10	F	0.30
5035		51.58	62 18.6	10.95	A0	0.05
5036		51.58	62 00.6	11.30	—	0.54
5037		51.58	58 11.8	11.97	K	1.20
5038		51.59	63 52.2	12.42	F	0.48
5039		51.59	60 57.9	11.90	B5	0.32
5040		51.59	64 49.2	12.29	—	0.35

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
5041		23 51.60	63 01.4	11.26	A2	0.07
5042		51.60	62 53.0	10.68	A0	0.20
5043		51.60	58 10.7	10.57	F5	0.31
5044	61°2560	51.64	62 04.3	11.08	F2	0.45
5045	64°1873	51.64	64 45.0	10.17	G0	0.51
5046		51.65	63 15.0	11.16	F	0.47
5047	60°2637	51.65	61 19.3	7.76	B0	0.24
5048	62°2321	51.70	62 45.5	10.69	G5	0.92
5049		51.73	62 25.4	12.41	K	1.74
5050		51.74	61 22.4	11.96	B2	0.42
5051		51.74	64 59.2	11.70	G0	0.50
5052		51.77	63 00.7	11.68	B7	0.06
5053		51.80	62 00.2	12.11	A	—0.01
5054		51.81	62 19.2	11.38	F5	0.52
5055	63°2074	51.82	63 33.0	11.22	K0	1.38
5056		51.84	58 42.6	10.88	A2	0.32
5057		51.84	62 17.9	11.37	A5	0.29
5058		51.85	58 05.1	11.77	A	0.17
5059	62°2322	51.85	63 09.0	10.48	gG5	0.92
5060		51.86	59 28.1	11.96	A5	0.48
5061		51.86	60 38.3	11.82	B8	0.14
5062		51.89	59 07.6	12.29	A2	0.55
5063		51.89	63 39.3	12.06	A5	0.33
5064		51.90	62 29.8	11.77	G8 :	1.26
5065		51.93	59 39.0	12.28	G	1.31
5066		51.93	64 10.8	11.24	A0	—0.13
5067		51.97	58 36.3	11.59	B7	0.35
5068	61°2561	51.98	61 36.2	7.63	A0	0.51
5069		51.99	63 23.0	12.41	—	0.33
5070	62°2323	51.99	62 55.3	8.75	A0	0.06
5071		52.00	61 16.6	12.40	A	0.53
5072		52.07	59 29.5	10.95	G0	0.50
5073		52.07	62 12.8	11.02	F5	0.71
5074		52.10	63 36.7	11.95	A0	0.11
5075		52.12	61 18.3	12.19	A0	0.21
5076		52.17	62 22.3	11.65	A5	0.43
5077		52.19	63 44.2	12.12	F	0.40
5078	61°2562	52.22	61 33.0	7.65	cB2e	0.50
5079	58°2669	52.24	59 19.1	10.07	F5	0.50
5080	59°2787	52.27	60 07.6	10.61	A0	0.33
5081	60°2638	52.32	60 32.8	9.84	A2	0.47
5082		52.32	59 55.5	11.78	A0	0.02
5083		52.32	59 40.3	12.27	B8	0.51
5084		52.33	60 42.8	11.65	F0	0.29
5085		52.34	60 45.8	10.94	B0	0.12

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
5086		23 52.34	62 30.9	11.93	B8	0.15
5087	59°2788	52.35	60 16.6	9.24	A0	0.15
5088		52.37	62 40.8	12.90 :	B :	0.59 :
5089		52.38	60 58.5	12.37	B8	0.39
5090		52.39	58 14.5	12.12	B8 :	0.40
5091	61°2563	52.39	61 45.3	10.42	F5	0.34
5092		52.40	62 12.6	10.98	F8	0.28
5093	61°2564	52.40	61 51.6	11.90	—	1.20
5094		52.41	60 37.8	11.92	B3	0.23
5095		52.42	63 38.0	10.74	A2	0.16
5096		52.45	62 53.4	12.43	F8	0.53
5097		52.45	64 38.7	11.50	G2	0.52
5098		52.48	60 54.7	11.68	F2	0.50
5099		52.48	61 49.5	12.60	B3	0.57
5100	58°2670	52.48	58 53.5	9.80	G2	0.60
5101	61°2565	52.49	61 47.5	10.18 :	A2	0.27 :
5102		52.55	60 57.6	12.00	—	1.44
5103	57°2827	52.56	58 08.5	10.83	G0	0.49
5104		52.58	61 48.5	11.62	B3	0.40
5105		52.62	63 22.5	12.32	G0 :	0.58
5106		52.65	63 39.4	12.16	A5	0.28
5107		52.65	62 37.6	12.02	A2	−0.05
5108		52.68	60 31.4	12.06	A	0.32
5109	58°2671	52.68	59 24.5	10.16	G0	0.52
5110	63°2075	52.70	63 36.6	9.64	F2	0.29
5111		52.76	61 25.0	11.59	M	1.86
5112	59°2789	52.77	60 31.4	10.10	F5	0.55
5113		52.78	62 41.7	12.00 :	A	—
5114		52.83	62 09.4	11.12	K0	1.26
5115		52.84	61 56.0	10.85	B5	−0.01
5116		52.85	64 19.0	12.11 :	F8	—
5117	62°2324	52.86	62 59.8	10.62	A0	0.21
5118		52.91	61 58.2	12.14 :	G	—
5119		52.93	59 57.4	11.91	A2	0.35
5120		52.99	62 31.8	12.20	A0	0.14
5121		53.00	61 27.1	12.18	B	0.45
5122		53.00	62 14.4	11.54	K0	1.46
5123		53.00	64 09.4	12.30 :	B8 :	—
5124		53.02	64 37.5	12.20	A2	0.16
5125		53.02	63 43.5	10.90	G8	1.09
5126		53.06	58 49.0	12.06	B8	0.16
5127		53.07	59 40.1	10.91	F5	0.22
5128	58°2673	53.08	59 04.3	10.68	F8	0.52
5129	58°2672	53.08	59 08.6	8.94	gK0	1.08
5130		53.11	62 34.0	10.59	A0	−0.01

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
5131	62°2326	23 53.11	62 52.0	9.92	F0	0.46
5132		53.13	61 32.6	12.18	—	0.30
5133	62°2325	53.13	63 02.8	10.30	G0	0.57
5134	61°2566	53.15	61 32.2	10.53	A0	0.23
5135		53.15	60 19.8	11.03	A0	0.24
5136		53.17	63 44.5	12.34	A2	0.33
5137		53.19	58 52.5	11.83	B8	0.17
5138		53.20	62 43.0	12.21	A0	0.21
5139		53.20	63 35.8	12.37	B8:	0.23
5140		53.21	61 43.5	12.49	A2	0.33
5141		53.24	59 18.7	11.47	B7	0.64
5142		53.25	62 42.0	12.06	F8	0.52
5143		53.27	60 40.2	11.72	A0	0.28
5144	60°2639	53.28	60 58.2	9.16	A5	0.08
5145		53.30	64 20.8	12.39	G0	—
5146		53.31	59 04.3	12.60	A0	0.47
5147		53.32	61 33.0	10.57	B8	0.23
5148		53.34	61 08.4	12.20	G0:	0.67
5149		53.36	61 01.8	11.62	A2	0.00
5150		53.38	62 08.7	11.67	K0	1.36
5151		53.40	60 48.2	12.20	A0	0.16
5152		53.41	63 34.8	12.36:	B8:	0.08:
5153		53.41	58 42.8	12.45	G	0.53
5154		53.45	61 08.8	10.74	—	0.10
5155		53.46	61 45.0	11.58	B5	0.24
5156		53.49	63 40.8	12.34	G0	0.60
5157		53.49	63 57.0	11.91	G8	1.11
5158	60°2640	53.50	61 23.0	8.56	A2	0.13
5159		53.50	64 24.3	12.4	G0:	—
5160	62°2327	53.52	62 35.4	9.42	A0	0.14
5161		53.56	60 38.5	11.46	B2	0.21
5162		53.57	60 49.4	11.50	K0	1.24
5163		53.57	58 50.8	11.83	A2	0.41
5164		53.58	62 16.5	12.02	B3	—0.12
5165		53.58	62 55.5	12.72	G5:	—
5166		53.60	61 12.8	11.12	G8	1.09
5167	63°2076	53.60	63 55.2	9.84	gK0	1.12
5168		53.60	58 39.4	12.53	F5	0.50
5169		53.60	62 26.2	11.92	B5	0.12
5170		53.60	63 10.3	12.32	A	0.30:
5171		53.61	64 38.0	12.36	G5	0.80
5172		53.62	63 05.9	12.34	B2	1.00
5173	64°1877	53.62	64 42.2	9.01	gG5	0.75
5174		53.62	59 59.5	11.36	G5:	0.50
5175		53.65	60 06.0	12.22	A5	0.48

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
5176		23 53.65	61 36.0	12.41	F8	0.59
5177	58°2674	53.66	59 29.1	8.24	G2	0.50
5178		53.67	61 14.5	12.16	F	0.50
5179	60°2641	53.70	61 10.6	9.88	gG8	1.10
5180	63°2077	53.70	64 15.4	10.70	G8	1.06
5181		53.71	62 16.6	10.34	B8	0.30
5182	58°2675	53.72	59 09.1	9.38	A8	0.38
5183	59°2790	53.74	60 00.8	8.76	A0	0.18
5184	64°1878	53.80	64 52.5	11.29	G8	1.20
5185		53.80	63 33.2	12.61:	G2:	0.75:
5186		53.81	62 27.0	11.75	B5:	0.15
5187		53.83	64 18.3	12.05	A8	0.34
5188		53.85	63 49.2	11.34	F8	0.46
5189	63°2078	53.86	63 10.2	10.97	K0	1.05
5190		53.87	59 12.9	12.23	F8	0.75
5191		53.89	61 51.6	12.14	A2	0.21
5192		53.90	63 04.6	11.53	A5	0.30
5193	62°2328	53.90	63 08.5	10.37	A2	0.03
5194		53.90	60 01.5	11.26	A2	0.26
5195	61°2567	53.91	61 49.1	10.92	G8	1.02
5196		53.92	59 56.5	11.22	B5	0.10
5197		53.95	61 03.0	11.40	F5	0.28
5198		53.99	62 03.8	12.29	A	0.31
5199		54.05	58 44.8	11.56	A0	0.02
5200		54.08	61 02.8	11.45	A	—0.15
5201	60°2642	54.09	60 32.1	10.43	F5	0.38
5202		54.12	61 08.2	11.33	B8	—0.13
5203	60°2643	54.15	61 05.1	10.06	A2	0.12
5204		54.17	62 09.8	11.76	G8	1.10
5205		54.17	59 39.5	11.94	A2	0.38
5206	60°2644	54.18	61 06.8	9.40	B0	—0.02
5207		54.18	60 31.6	11.85	F2	0.41
5208		54.18	62 19.5	11.76	B5	—0.02
5209	61°2568	54.20	61 54.4	11.78	K	2.12
5210		54.20	58 13.1	11.17	F5	0.29
5211		54.25	61 06.5	11.42	B0:	0.02
5212		54.25	62 34.1	12.50	A	0.23
5213		54.25	60 02.0	12.05	K	1.67
5214		54.25	61 12.8	11.83	A0	0.15
5215		54.26	62 12.3	10.73	B3	—0.04
5216		54.27	60 19.1	11.52	A0	0.22
5217		54.28	60 29.2	10.95	A0	0.06
5218		54.28	62 17.7	10.49	A2	0.07
5219		54.30	61 04.1	12.01	B2:	0.15
5220	60°2645	54.30	61 22.0	9.53	A0	0.19

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
5221	60°2646	23 54.30	60 57.0	10.10	cB0	0.37	
5222	62°2329	54.30	63 12.6	10.21	B3	0.09	
5223		54.32	58 31.6	10.96	A8	0.34	
5224	59°2791	54.35	60 04.5	9.90	cB5	0.52	
5225		54.36	60 54.0	11.54	B8	0.10	
5226	62°2330	54.36	63 20.0	10.41	A5	0.13	
5227		54.37	58 51.3	11.66	A2	—0.10	
5228		54.39	62 37.0	11.30	G2:	—	
5229		54.39	58 02.4	11.87	G0	0.51	
5230		54.40	61 34.6	12.00	A0	0.36	
5231		54.40	64 07.5	12.16	A0	0.38	
5232		54.40	63 44.8	11.06	B0	0.50	
5233		54.41	62 39.0	12.57	—	0.33	
5234		54.42	63 04.8	12.39:	G	1.00:	
5235		54.44	61 51.2	12.22	G8	0.50	
5236		54.44	61 07.8	11.02	B0	0.07	
5237		54.44	59 09.9	12.43	F0	0.50	
5238	61°2569	54.45	61 44.1	9.27	G0	0.54	
5239		54.48	63 35.5	11.61	A2	0.11	
5240		54.49	63 53.8	11.37	A0	—0.19	
5241		54.51	61 12.0	11.84	B2	—0.12	
5242	62°2331	54.53	62 55.7	11.12	G8	0.97	
5243		54.54	60 32.2	12.40	G8	1.10	
5244		54.55	62 33.1	12.57	K	1.25	
5245		54.57	62 06.3	11.23	A0	—0.19	
5246		54.58	62 35.9	12.24	K	1.20	
5247		54.58	61 01.5	8.94	A0	—0.11	
5248		54.58	60 49.8	12.44	A	—	
5249		54.60	58 58.3	11.54	A5	0.30	
5250		54.60	61 22.9	11.02	B0	0.16	
5251	61°2570	54.61	62 12.6	9.40	B8	—0.14	
5252		54.62	63 19.5	12.24	—	1.36	
5253		54.63	60 12.3	11.45	B2	0.40	
5254	59°2792	54.63	60 21.9	9.87	A0	0.31	17116 A
5255		54.65	57 59.5	10.69	B8	0.01	
5256		54.65	62 54.2	11.90	F2	0.40	
5257	61°2571	54.70	61 47.6	9.53	F8	0.49	
5258	62°2332	54.70	62 43.7	9.97	B3	—0.02	
5259		54.70	59 11.8	12.54	A	0.50	
5260		54.71	64 17.6	12.24	F2:	0.21	
5261		54.72	58 32.8	11.85	A5	0.35	
5262	59°2793	54.72	59 46.0	10.10	A5	0.29	
5263		54.72	61 06.0	11.27	B0	—0.01	
5264	61°2572	54.75	62 00.2	11.74	F2	0.10	
5265		54.76	63 00.3	11.32	B5	0.18	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
5266	60°2647	23 54.78	60 45.0	8.37	gM2	1.58	17119 AB
5267		54.79	63 05.8	11.03	F5	0.29	
5268		54.80	58 51.7	11.68:	A5	0.58:	
5269		54.80	61 20.0	10.90	B2	0.22	
5270		54.82	60 35.2	12.13	G8:	1.17	
5271		54.90	60 49.7	12.14	A	0.12:	
5272	62°2333	54.90	62 49.8	10.46	F5	0.40	
5273		54.94	62 35.6	12.22	A	0.18	
5274	60°2648	54.96	61 05.8	11.08	gK0	1.50	
5275	59°2794	54.97	59 40.5	9.86	F8	0.89	
5276		54.98	61 21.1	11.85	A2	0.45	
5277		54.98	60 58.3	12.40:	A	—	
5278		55.00	61 46.5	11.55	B5	0.41	
5279		55.00	61 05.3	10.55	B0	—0.07	
5280	57°2832	55.01	58 21.2	9.52	F0	0.34	
5281	59°2795	55.02	59 44.8	(6.26)	A0	—	
5282		55.03	60 32.6	10.98	F5	0.33	
5283		55.05	61 13.0	11.68	B5	0.01:	
5284		55.05	62 38.3	12.59	A	0.35	
5285		55.09	59 56.2	12.25	F5	0.60	
5286	61°2573	55.09	61 42.4	7.62	A0	—0.16	
5287		55.10	59 25.3	12.35	G2	0.73	
5288	59°2796	55.10	59 38.6	10.76	gK0	1.22	
5289		55.14	60 54.0	11.83	G5	0.60	
5290		55.14	62 13.5	11.82	B3	—0.14	
5291		55.14	62 26.4	11.23	G8	—	DD Cas
5292		55.15	58 02.4	11.22	A0	—0.24	
5293		55.15	61 51.2	11.28	A2	0.30	
5294		55.15	60 01.1	10.93	A0	0.19	
5295		55.17	64 55.5	11.70	A0	0.29	
5296	63°2079	55.20	64 04.6	9.48	A0	0.13	
5297		55.23	62 52.2	12.12	A8	0.12	
5298		55.23	60 36.5	12.65	G0:	0.74	
5299		55.24	59 44.2	11.09	A2	0.27	
5300	58°2676	55.24	59 26.5	8.61	cBIe	0.50	
5301		55.25	61 03.0	11.59	A0	—0.14	
5302		55.25	62 24.8	11.97	B8	0.02	
5303		55.25	61 43.6	11.90	G8	1.00	
5304		55.26	60 18.1	10.20	B8	0.20	
5305		55.28	59 03.7	12.71	A	0.43	
5306		55.29	58 43.3	12.22	B8	0.22	
5307		55.30	62 50.1	11.25	B	—0.05	
5308		55.31	62 10.1	12.18	A5	0.20:	
5309		55.35	62 45.4	12.55	—	0.12	
5310		55.39	62 50.2	11.94	A	0.29	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
5311		23 55.39	63 40.5	11.14	A0	0.30
5312		55.40	64 19.3	12.36	G0	0.53
5313		55.42	59 46.0	11.34	F8	0.43
5314	60°2649	55.43	60 42.4	10.60	F2	0.28
5315		55.44	63 54.4	12.26	G8	1.28
5316		55.45	62 54.0	11.78	F5	0.38
5317		55.46	62 39.0	11.33	B8:	—0.13
5318		55.46	63 43.8	12.5	G0	—
5319		55.47	59 06.0	11.49	M0	1.85
5320		55.49	59 48.2	12.04	B	0.44
5321	61°2574	55.49	61 55.6	10.94	gG8	1.84
5322		55.52	59 46.7	12.08	F0	0.20
5323		55.54	59 49.5	11.81	B	0.08
5324		55.55	60 55.2	11.07	B2	—0.09
5325	58°2677	55.55	58 57.3	10.90	A5	0.26
5326		55.56	63 21.5	11.73	B8	0.20
5327		55.56	60 40.8	11.45	A0	0.12
5328		55.56	60 56.2	11.07	—	1.06
5329		55.57	61 35.2	12.36	B	0.06
5330	60°2650	55.59	60 45.6	9.34	A8	0.39
5331		55.60	61 22.0	10.84	F0	0.24
5332		55.60	58 52.3	11.22	A2	0.08
5333	57°2833	55.60	58 14.5	10.38	F0	0.51
5334		55.65	60 31.5	10.74	F2	0.35
5335		55.68	61 00.2	12.17	B	0.59
5336	61°2575	55.70	62 19.6	9.5	G8	—
5337		55.71	60 29.0	11.74	A0	0.23
5338		55.73	61 48.8	12.08	A2	0.38:
5339		55.74	60 56.5	12.30	—	1.22
5340		55.75	61 31.8	12.31	B	0.07
5341	63°2081	55.76	63 34.2	10.75	gK0	1.16
5342		55.77	58 43.1	12.18	B	0.27
5343	63°2080	55.77	63 57.0	9.53	A0	0.12
5344		55.78	62 51.3	12.36	B:	0.12
5345	62°2334	55.78	63 19.2	10.98	A0	0.12
5346		55.78	62 04.8	11.90	G8	1.04
5347		55.79	60 28.1	12.42	—	0.30
5348	57°2835	55.80	58 20.0	11.20	K0	1.28
5349		55.81	59 08.8	12.38	A	0.22
5350		55.81	61 51.4	11.25	A0	0.15
5351		55.82	61 25.7	12.14	F	0.51
5352		55.83	61 48.2	12.18	A	0.25
5353		55.84	58 23.6	11.53	A0	—0.07
5354	62°2335	55.85	62 39.8	11.02	F2	0.32
5355		55.89	64 21.0	11.46	gK0	1.34

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
5356		23 55.90	60 56.2	—	G5	—	CE Cas.
5357	59°2797	55.92	60 24.2	9.06	K0	1.04	
5358	62°2336	55.93	63 20.8	11.11	gK0	1.12	
5359		55.93	62 16.0	12.50	K2	1.32	
5360		55.95	63 55.1	11.17	A0	—0.04	
5361		55.97	62 39.9	11.80	K	1.20	
5362		55.99	64 24.8	11.93	B8	0.13	
5363		56.00	63 00.8	12.62	A2	0.20	
5364		56.02	60 35.2	12.26	G5	—	
5365		56.02	59 08.3	11.00	F5	0.38	
5366		56.03	62 38.6	11.96	F8	0.31	
5367		56.04	62 21.7	12.20	F2	0.50	
5368		56.05	63 58.5	12.57	G0	0.50	
5369		56.05	61 02.5	11.27	A5	0.22	
5370		56.06	63 02.8	12.61	B	0.50	
5371		56.09	61 31.0	11.44	B8	—0.10	
5372		56.10	61 31.2	10.70	B5	0.02	
5373		56.10	63 13.4	12.55	A0	0.51	
5374		56.12	61 45.0	12.00	B3:	0.00	
5375		56.12	64 27.1	10.3	A0	—	
5376		56.14	60 52.8	10.16	B0	—0.08	
5377	61°2576	56.16	62 14.9	10.03	A0	0.21	
5378		56.16	63 10.4	11.23	F2	0.27	
5379		56.19	61 03.1	11.74	G8	1.08	
5380		56.19	59 39.4	11.86	G8	1.14	
5381		56.20	59 14.4	12.18	B5	0.43	
5382	61°2577	56.20	62 26.6	10.97	G8	1.00	
5383		56.20	63 21.2	12.00	B3:	0.32	
5384		56.20	63 01.5	11.98	B5	0.18	17138
5385		56.23	60 03.6	11.08	A0	0.16	
5386		56.24	60 31.3	11.26	A0	0.00	
5387		56.24	58 33.3	10.63	A0	0.04	
5388		56.25	58 06.0	11.62	A0	0.18	
5389	62°2337	56.26	63 23.0	10.13	A2	0.62	
5390		56.26	62 45.0	11.00	G5	0.60	
5391	58°2678	56.27	59 02.6	10.24	A2	0.51	
5392	59°2799	56.28	59 59.2	9.67	B2	0.18	
5393	59°2798	56.29	60 27.7	10.45	F5	0.50	
5394	62°2342	56.29	63 06.0	10.63	A0	—0.01	
5395		56.31	59 30.5	11.33	A2	0.06	
5396		56.31	62 59.8	11.65	F5	0.48	
5397	63°2082	56.34	63 46.0	10.60	A2	0.72	
5398		56.35	61 16.1	11.02	F2	0.28	
5399		56.35	59 36.6	12.16	—	0.46	
5400		56.36	61 54.0	11.58	B5	—0.08	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
5401		23 56.37	62 02.3	12.34	A:	0.19
5402		56.37	62 07.0	11.85	F5	0.22
5403		56.37	62 01.5	11.82	K0:	1.28
5404		56.40	61 26.2	11.77	B3	0.03
5405		56.40	63 02.8	12.28	A2	0.26
5406	64°1883	56.42	64 36.8	8.5	A8	—
5407		56.44	63 21.0	12.47	B2	—
5408		56.44	63 06.8	12.20	A0	0.16
5409		56.46	59 17.7	11.70	B8	0.48
5410		56.48	59 32.2	11.59	F2	0.31
5411		56.49	62 15.0	11.16	A0	—0.16
5412	59°2800	56.50	60 07.5	10.25	G0	0.64
5413	62°2338	56.51	63 20.4	10.53	A2	0.21
5414		56.51	63 59.4	12.29	G2	0.87
5415		56.52	63 01.8	11.41	G0	0.72
5416		56.53	63 12.6	12.16	G5	1.11
5417	63°2083	56.57	64 29.0	10.20	A0	0.28
5418	62°2339	56.58	63 19.0	10.84	A0	0.46
5419		56.61	59 30.2	11.66	A5	—0.02
5420		56.61	62 52.4	10.27	F8	0.39
5421	58°2680	56.62	58 49.7	10.0:	F5	—
5422	62°2340	56.63	63 17.8	10.85	F0	0.67
5423		56.64	59 07.1	10.34	A2	—
5424		56.65	59 36.7	11.76	A5	0.26
5425		56.65	61 53.4	11.17	A0	0.11
5426		56.66	59 55.4	11.64	A0	—0.04
5427		56.66	64 36.7	10.8	G5	—
5428		56.67	62 24.4	12.41	G0	0.49
5429	59°2801	56.68	59 44.8	9.90	B0	0.43
5430		56.70	63 39.4	10.92	A0	0.08
5431	58°2679	56.70	59 07.3	11.02	A0	0.12
5432		56.70	59 33.2	12.14	A0	0.08
5433	63°2084	56.72	63 32.3	9.34	B3	0.14
5434		56.74	61 58.2	11.65	F8	0.44
5435		56.75	63 05.2	12.45	A0	0.20
5436		56.76	64 12.7	12.26:	—	—
5437		56.78	61 39.1	11.56	B8	0.25
5438		56.80	58 41.4	12.16	K	1.26
5439	63°2085	56.80	64 10.5	9.49	A2	0.33
5440		56.81	60 31.5	12.09	—	1.09
5441		56.83	61 52.5	12.03	A	0.25
5442	62°2341	56.84	62 54.3	9.09	A0	—0.09
5443		56.85	61 41.4	11.72	B8	0.15
5444		56.85	63 07.2	11.45	A8	0.20
5445	61°2578	56.91	62 03.8	9.50	A0	0.09

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
5446		23 56.91	63 33.5	10.97	F5	0.49
5447		56.95	62 15.0	11.89	—	1.40
5448		56.95	62 33.1	12.24	A	0.26
5449		56.96	62 22.8	11.71	B5:	—
5450		56.96	61 40.5	11.35	A0	0.00
5451		56.96	64 44.5	11.53	A5	0.31
5452		56.97	61 16.7	11.92	B8	0.04
5453		56.98	62 14.7	12.13	K0	0.98
5454		56.98	59 41.2	11.99	A0	−0.11
5455		57.00	62 13.6	12.40	G	—
5456		57.00	60 30.8	11.66	A	—
5457	60°2651	57.01	60 32.1	9.62	A0	−0.02
5458	59°2802	57.01	59 40.0	9.96	F5	0.52
5459		57.01	64 03.0	11.35	A2	0.16
5460	63°2086	57.02	64 21.1	9.84	gK0	1.16
5461		57.03	62 43.5	10.87	F2	0.19
5462	58°2682	57.03	58 36.5	10.15	A0	0.33
5463		57.07	61 11.2	10.95	B5	−0.11
5464		57.07	63 10.0	12.17	G5:	0.78
5465		57.08	64 31.9	11.95	F5	0.41
5466		57.11	62 13.5	10.57	A0	−0.09
5467		57.12	61 25.8	11.75	A5	0.00
5468		57.12	63 40.2	12.46	B:	0.26
5469		57.13	58 57.8	11.61	F2	0.46
5470		57.14	60 56.1	10.20	B2	—
5471	57°2840p	57.15	58 12.4	11.45	K5:	1.50
5472		57.17	60 58.5	11.66	F2	—
5473	58°2683	57.17	58 55.8	9.68	B5	0.48
5474	59°2803	57.18	60 01.5	8.85	gG8	1.01
5475	57°2840s	57.18	58 11.8	11.72	A0	0.06
5476	63°2087	57.18	64 18.5	10.00	F0	0.54
5477		57.21	62 01.4	12.34	B8:	0.26
5478		57.21	63 18.3	11.91	F2	0.55
5479		57.23	60 58.5	11.64	F2	0.61
5480	62°2343	57.23	62 42.7	9.52	gK2	1.62
5481		57.24	58 08.5	11.10	A0	−0.05
5482	59°2804	57.25	59 47.6	9.1	A0	—
5483		57.28	63 56.7	11.78	G0	0.50
5484		57.29	59 26.2	11.27	B8	−0.01
5485		57.29	58 14.9	10.68:	A0	—
5486		57.30	64 07.5	12.29	F5	—
5487		57.30	62 45.1	12.05	F2	—
5488		57.30	59 46.5	11.39	A2	−0.07
5489		57.31	60 51.0	10.99	F5	0.53
5490		57.32	58 00.0	10.90	G0	0.50

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
5491		23 57.35	59 30.5	11.04	F2	0.39
5492		57.35	63 04.8	10.03	A0	0.21
5493		57.38	63 31.2	12.21	B3:	0.21:
5494		57.39	62 34.8	12.50	A	0.28
5495	63°2088	57.42	63 35.3	10.68	K0	1.56
5496		57.43	62 26.8	11.97	B5	0.07
5497	63°2089	57.44	63 43.5	10.01	B3	0.41
5498		57.44	63 15.4	11.03	B3	0.23
5499		57.45	60 33.6	11.53	F5	0.45
5500		57.47	62 07.5	12.04	A5	0.28
5501		57.48	61 41.8	10.93	A0	0.29
5502		57.52	59 58.9	10.50	A2	—0.12
5503		57.57	59 23.4	11.20	A0	0.09
5504		57.58	58 07.5	10.88	F8	0.28
5505		57.58	58 18.7	10.92	F8	0.39
5506		57.58	64 09.4	12.84	F0	—
5507		57.59	63 38.0	12.09	B7:	0.37
5508		57.59	58 52.0	11.93	F5	0.43
5509		57.60	60 33.5	12.18	A0	0.28:
5510		57.60	60 47.9	10.05	A2	0.26
5511		57.62	58 46.2	11.03	A0	0.19
5512	59°2805	57.63	59 32.0	9.86	A8	0.10
5513		57.64	62 00.7	11.35	A5	—0.05
5514		57.67	62 31.5	12.37	A5	0.39
5515		57.68	61 51.0	11.74	B3	0.28
5516		57.72	60 42.8	11.30	B5	0.36
5517	63°2090	57.75	63 48.4	10.73	B5	0.45
5518	59°2806	57.76	60 04.2	9.94	M	1.58
5519		57.78	59 44.5	11.30	G8	0.92
5520	58°2684	57.78	59 21.7	10.72	A0	—0.06
5521		57.80	60 51.0	10.25	A5	0.50
5522		57.80	63 03.4	11.24	A2	0.42
5523	59°2807	57.84	60 08.8	10.3	G8:	—
5524		57.84	64 57.0	11.79	K	1.93
5525		57.85	63 18.0	11.41	F8	0.52
5526		57.88	63 30.8	12.35	B	—
5527		57.88	62 53.8	11.82	G0	0.50
5528		57.88	59 46.9	11.32	G8	0.93
5529	61°2579	57.90	62 26.5	9.99	A0	0.11
5530		57.93	62 22.8	11.65	A0	0.09
5531	59°2808	57.97	60 07.6	9.99	A0	0.07
5532		57.97	59 15.3	11.28	G8	1.16
5533		57.97	64 13.5	11.59	A5	0.23
5534	58°2685	57.98	59 16.7	7.34	gG8	0.94
5535		57.98	61 45.0	11.99	B3	0.03

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
5536		23 57.98	61 38.4	11.30	B8	0.01	
5537		57.99	62 00.2	11.97	B8	0.05	
5538	63°2091	58.00	64 20.0	10.61	A2	0.23	
5539		58.00	61 18.8	12.23	A	—0.02	
5540	60°2652	58.03	61 12.2	9.99	A0	—0.05	
5541		58.07	63 06.4	12.19	B3:	0.13:	
5542		58.10	62 16.5	12.05	B2:	0.15	
5543	60°2653	58.10	60 46.4	10.50:	F5	0.61:	
5544		58.11	62 18.8	11.87	B5	—0.09	
5545		58.13	62 04.2	11.30	A0	—0.15	
5546		58.14	61 40.5	12.04	K2:	1.65	
5547		58.16	60 41.9	10.94	K0	1.20	
5548		58.18	61 18.2	11.94	A0	0.33	
5549		58.18	59 54.3	11.84	A2	0.12	
5550	61°2580	58.18	61 53.4	7.43	F8	0.51	
5551		58.19	60 01.0	11.69	A0	—	
5552	60°2654	58.20	60 31.8	10.00	A0	0.20	
5553		58.20	60 45.8	11.80	B	0.16	
5554		58.23	59 52.8	10.98	A0	0.17	
5555		58.24	60 22.2	12.29	G2	0.55	
5556		58.26	58 58.2	11.39	F2	0.55	
5557		58.28	62 15.9	12.05	—	0.23	
5558		58.30	62 13.8	10.64	A0	—0.16	
5559		58.32	64 47.6	11.74:	A5	—	
5560		58.33	63 58.5	12.50	G	1.13	
5561		58.36	58 19.3	10.98	A0	—0.06	
5562		58.39	62 58.1	12.62	A2	0.23	
5563		58.40	60 58.0	11.38	B8	—0.17	
5564		58.42	58 56.9	12.46	A5	0.34	
5565		58.44	59 39.6	12.2	B8	—	
5566		58.44	58 16.0	11.74	A0	0.02	
5567		58.45	62 03.5	12.30	A	0.34	
5568		58.46	61 08.8	10.89	A0	—0.17	
5569		58.47	62 17.6	11.92	B2:	0.08	
5570	61°2581	58.48	61 47.8	10.04	B2	0.24	
5571	59°2809	58.48	60 06.7	10.70	gK0	1.20	
5572		58.48	59 44.8	11.51	G8	1.03	
5573		58.48	59 55.6	12.05	A0	0.04	
5574		58.49	62 31.3	12.13	—	0.23	
5575		58.50	58 51.6	12.20	G0	—	
5576		58.53	62 25.1	11.92	A0	0.12	
5577		58.55	64 10.5	11.10	B8	0.18	
5578	59°2810	58.56	60 04.5	9.88	N	—	12693A WZCas
5579		58.56	60 51.7	11.62	B5	0.34	
5580		58.57	60 25.3	12.18	B8	0.36	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.	
5581		23 58.57	58 41.8	11.58	B0	0.43	
5582		58.58	60 10.6	10.98	B8	0.12	
5583		58.58	61 09.3	11.31	A0	—0.26	
5584		58.59	59 50.6	12.34	A2	—0.06	
5585	62°2344	58.60	63 19.5	10.45	G8	1.00	
5586		58.61	60 17.3	11.51	A0	0.25	
5587		58.62	61 53.1	11.95	B5:	0.08	
5588	64°1885	58.62	64 51.0	10.76	A0	—0.07	
5589	57°2843	58.62	58 23.2	10.02	B8	0.32	
5590		58.64	59 07.0	11.82	A2	0.50	
5591		58.65	62 04.7	10.35	A0	—0.17	
5592		58.65	62 14.4	11.53	G8	1.08	
5593	57°2842	58.65	58 01.3	10.82	F8	0.45	
5594		58.65	58 51.7	11.66	B2	0.37:	
5595	59°2811	58.66	60 16.0	9.90	A0	0.05	
5596		58.66	64 21.0	11.24	B3	0.02	
5597	60°2655	58.68	60 32.8	10.00	B8	—0.02	
5598		58.68	61 54.1	12.84	A	0.46	
5599	64°1886	58.68	64 43.1	10.81	A0	0.66	
5600		58.68	58 12.5	11.75	A0	0.50	
5601		58.69	61 46.3	11.55	A0	0.18	
5602		58.70	58 13.7	11.64	B8	0.27	
5603		58.70	61 32.4	10.43	A0	—0.05	
5604		58.74	62 35.8	12.08	K2	1.46	
5605		58.75	60 43.8	12.2	A0	—	
5606		58.75	61 19.9	10.43	F0	0.17	
5607		58.76	60 24.0	11.03	A2	0.03	
5608		58.76	60 10.3	11.94	K	1.23:	
5609	62°2345	58.76	62 57.9	10.00	B5	0.00	
5610		58.77	64 04.2	12.44	F2	—	
5611	60°2656	58.78	60 33.0	7.24	B5	—0.21	
5612		58.78	59 07.9	12.20	F8	0.75	
5613		58.78	63 13.5	11.82	A0	0.06	
5614	59°2812	58.80	60 04.5	8.26	A0	0.10	12693 B
5615		58.80	61 21.0	11.88	—	0.55	
5616		58.80	62 27.9	12.50:	A0	—	
5617	62°2347	58.84	63 30.5	10.80	F5	0.44	
5618		58.85	61 10.8	11.72	F0	0.32	
5619		58.88	59 45.0	12.14	A2	0.38	
5620		58.88	58 59.3	11.75	F5	0.39	
5621	62°2346	58.88	63 13.5	10.05	B8	0.40	
5622		58.89	61 13.7	11.59	A5	0.64	
5623		58.89	61 47.2	10.31	A0	0.09	
5624		58.91	62 14.2	11.28	A2	—0.11	
5625	58°2686	58.92	58 41.3	11.30	F8	0.34	

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
5626		23 58.93	60 50.0	11.24	F5	0.48
5627		58.93	61 51.5	11.40	K0	1.23
5628		58.95	60 02.8	11.72	A2	—0.08
5629	63°2092	58.95	63 44.0	10.81	G8	1.04
5630		58.95	58 42.0	11.80	G	—
5631		58.96	58 47.8	11.68	A0	0.00
5632		58.97	58 47.3	12.10	—	0.40
5633		58.98	64 49.0	11.67	A5	0.37
5634	60°2657	59.00	60 56.3	(5.80)	A5	0.00
5635		59.00	61 16.6	10.65	G2	0.50
5636		59.00	63 16.2	11.71	B	−0.09
5637		59.00	62 42.7	12.38	B	0.15
5638		59.00	62 48.0	12.66	B8:	—
5639		59.00	64 13.1	11.76	A	—0.12
5640		59.02	64 14.1	11.82	B3:	—
5641	58°2687	59.02	58 45.1	10.18	dG5	0.60
5642		59.03	60 03.0	10.96	F8	0.80
5643		59.03	60 21.0	11.48	A5	—0.06
5644		59.04	59 48.6	10.31	A0	−0.10
5645		59.06	61 18.0	12.16	A0	0.20
5646		59.06	59 33.7	11.97	F5	0.33
5647	63°2093p	59.08	64 20.7	10.25	B3	0.35
5648		59.09	64 03.8	11.42:	A0	—
5649	59°2813	59.09	60 10.3	8.42	B9	0.08
5650		59.10	60 25.1	11.49	A0	—
5651		59.10	59 32.6	11.13	G8	0.87
5652		59.10	63 24.0	10.68	A5	0.20
5653		59.12	58 48.6	10.59	A	0.07
5654		59.16	61 19.9	10.88	A0	—0.07
5655	60°2658	59.16	60 42.3	9.11	A8	0.14
5656		59.17	63 11.7	12.5	A	—
5657		59.18	63 17.8	11.57	A0	0.11
5658	61°2582	59.18	61 44.1	8.17	A2	—0.05
5659	62°2348	59.20	63 25.6	10.83	G8	1.04
5660		59.20	61 54.4	11.70	K5	1.82
5661		59.20	63 41.2	11.78	A8	0.39
5662		59.20	59 21.8	11.90	G5	0.58
5663		59.21	59 57.3	11.05	A0	—0.07
5664		59.22	63 11.3	12.39	A5	0.15
5665		59.22	60 22.7	11.46	G5	0.74
5666	58°2688	59.22	58 45.3	10.20	dK0	1.03
5667		59.24	59 15.3	11.85	F8	—
5668		59.25	61 14.8	11.51	A0	—0.05
5669		59.26	64 19.0	11.66	B2:	—0.12
5670		59.30	58 14.8	11.22	A0	—0.23

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
5671	63°2093	23 59.33	64 20.9	10.45	G5	0.70
5672	62°2349	59.34	62 53.5	10.22	gK0	1.16
5673	62°2350	59.36	63 02.3	9.44	A0	0.00
5674		59.39	62 46.6	12.38	F5:	0.15
5675		59.39	64 05.1	12.44:	F0	—
5676		59.39	60 39.8	10.71	A0	—0.09
5677		59.40	64 34.5	12.08	A5	—
5678		59.40	61 51.5	11.77	F5	0.50
5679		59.40	62 15.8	11.72	B5	0.02
5680		59.43	60 13.9	11.45	A2	—0.11
5681		59.43	62 50.0	12.66	F5:	0.50
5682		59.43	58 34.0	11.5	G5	—
5683		59.44	59 41.6	12.10	—	0.53
5684		59.45	60 31.5	11.82	G5	1.12
5685		59.45	62 14.8	11.06	F5	0.40
5686		59.45	61 53.9	11.91	A2	0.45
5687	62°2351	59.46	63 04.7	8.58	A0	—0.03
5688	60°2659	59.48	60 39.4	10.47	A0	0.10
5689	59°2814	59.48	59 39.8	8.80	dK0	0.88
5690		59.48	59 50.8	12.41	A0	0.17
5691		59.48	62 33.3	12.74	G	0.80
5692		59.48	63 14.2	12.26	F5	0.62
5693	63°2094	59.48	63 34.5	10.96	gK0	1.47
5694		59.50	61 51.5	11.78	A2	0.10
5695		59.52	58 52.2	11.96	A0	0.10
5696		59.55	61 46.8	12.02	K0	1.45
5697		59.57	59 58.3	11.24	A0	0.18
5698		59.57	58 08.5	12.08	G	0.91
5699		59.57	62 07.4	11.27	B5	—0.07
5700	62°2352	59.57	62 37.2	12.10	A5	0.36
5701		59.58	63 12.3	12.05	B	0.03
5702		59.60	60 47.8	11.72	A0	—0.02
5703		59.60	60 24.4	12.02	—	—
5704		59.61	60 58.5	11.91	B2	0.12
5705		59.61	62 23.0	12.29	A2	0.31
5706		59.63	59 31.1	12.16	A0	0.22
5707	59°2815	59.63	59 41.1	9.74	gG8	0.92
5708		59.65	61 19.1	10.57	A0	—
5709		59.68	61 52.4	12.11	G0	0.65
5710	59°2817	59.70	60 13.5	10.28	dK2	1.08
5711	59°2816	59.70	60 25.3	8.64	gK5	1.82
5712		59.71	63 42.4	11.31	G8	1.18
5713		59.72	58 47.8	12.05	F8	0.50
5714		59.75	62 19.3	12.15	F5	0.50
5715		59.77	58 57.3	11.96	K	1.16

N	BD	α 1950	δ 1950	m_{ph}	Sp	C.I.
5716		23 59.77	62 08.2	11.87	A0	0.09
5717		59.78	59 23.8	12.28	A5	0.26
5718		59.80	63 28.4	12.12	K	1.20
5719		59.80	62 17.1	12.10	F2	0.60
5720		59.80	61 35.7	11.95	B7:	0.15
5721		59.81	64 05.0	11.22	A5	0.02
5722		59.81	58 28.7	11.91	A0	0.11
5723		59.82	64 30.1	11.33	A2	0.03
5724		59.82	60 47.3	11.63	A0	—0.03
5725		59.83	62 51.3	12.68	G	1.06
5726		59.85	60 49.8	11.61	B7	—0.02
5727		59.85	60 43.1	10.53	F2	0.50
5728	62°2353	59.86	62 37.2	9.96	B0	0.10
5729		59.86	61 56.0	11.55	G2	0.67
5730		59.87	58 11.8	10.65	A0	0.11
5731		59.88	59 52.7	11.34	A0	—0.07
5732		59.88	60 58.7	11.94	B3	0.25
5733	58°2689	59.91	59 26.3	10.26	A0	—0.18
5734		59.91	59 48.0	12.25	A	0.21
5735		59.91	58 44.9	12.28	F5:	0.41
5736		59.91	63 22.4	11.91	A2	0.35
5737		59.92	60 19.0	12.0	B	—
5738	63°2095	59.92	64 15.6	10.20	A0	0.17
5739	59°2818	59.93	59 32.7	9.86	F8	0.50
5740		59.95	62 31.2	12.09	A5	0.29
5741		59.97	59 07.0	10.99	A0	0.18
5742		59.97	58 16.0	11.59	B8	—0.03
5743		59.97	62 34.2	12.38	—	0.16
5744		59.98	61 46.1	12.02	F2	0.50
5745		59.99	60 28.5	11.79	A0	—0.07
5746	57°2845	59.99	58 11.5	10.18	A2	—
5747		59.99	58 50.9	10.18	A0	0.32
5748		0^h 00.00	63 17.5	12.17	A5	0.25
5749		00.01	60 07.1	11.53	G8	0.87
5750		00.10	60 43.7	10.98	A0	0.02
5751		00.16	61 21.0	11.44	A0	—0.11
5752		23^h 36.80	61 47.7	11.40	A0	—0.01

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