TABLE 2

SOURCES DETECTED IN THE ORION NEBULA REGION BY *Einstein*

X-ray Num	R.A. (B1950)	Decl. (B1950)	IPC count rate (c/s) ± (c/s)	HRI count rate (c/s) ± (c/s)	$\Delta\alpha$ $''$	$\Delta\delta$ $''$	Star Name	Mem Prob
1	$5^m29^h42^s.1$	$-5°04'30''$	0.00491 0.00164	···	15	9	HP	···
2	5 29 44.5	−5 09 14	0.00809 0.00208	···		···	*	···
3	5 30 08.6	−5 24 58	0.02572 0.00326	···	0	8	HR	92
4	5 30 16.4	−5 41 25	0.00608 0.00153	···	24	3	V705	···
5	5 30 39.8	−5 22 22	0.00630 0.00157	0.00135 0.00042	−1	7	P1097	87
6	5 30 43.1	−5 01 17	0.00498 0.00151	···		···	*	···
7	5 31 00.3	−6 04 44	0.00517 0.00143	···	−12	13	P1196	84
8	5 31 07.5	−4 53 07	0.00709 0.00178	···		···	···	···
9	5 31 07.9	−4 14 57	0.00540 0.00132	···		···	*	···
10	5 31 09.7	−5 28 52	0.01491 0.00225	0.00450 0.00068	−1	1	HU	88
11	5 31 17.3	−5 22 56	···	0.00123 0.00039	1	8	V730	94
12	5 31 17.3	−5 34 31	···	0.00127 0.00042		···	···	···
13	5 31 18.7	−5 59 07	0.00765 0.00256	···	−13	5	P1270	92
14	5 31 19.1	−5 33 18	0.00678 0.00165	···		···	*	···
15	5 31 26.6	−4 18 34	0.00334 0.00106	···	0	−8	V1069	51
16	5 31 27.6	−6 46 58	0.00743 0.00174	···	13	−12	P1309	···
17	5 31 30.1	−5 42 19	0.01087 0.00275	···		···	···	···
18	5 31 34.0	−4 46 30	0.01142 0.00205	···	7	11	P1322	84
19	5 31 35.7	−5 38 53	0.01482 0.00225	···	−4	1	WW	85
20	5 31 38.9	−5 13 55	0.00504 0.00150	···		···	*	···
21	5 31 42.2	−4 52 33	0.00638 0.00157	···	−1	0	P1366	88
22	5 31 43.3	−5 24 52	0.00743 0.00218	0.00130 0.00043	−4	1	P1374	99
23	5 31 47.3	−5 30 14	0.00774 0.00139	···	3	0	P1393	70
24	5 31 49.7	−6 38 02	0.01810 0.00206	···	0	0	SW	51

TABLE 2—*Continued*

X-ray Num	R.A. (B1950)	Decl. (B1950)	IPC count rate (c/s) ± (c/s)	HRI count rate (c/s) ± (c/s)	$\Delta\alpha$ $''$	$\Delta\delta$ $''$	Star Name	Mem Prob
25	5 31 50.8	−5 06 49	0.00743 0.00120	0.00113 0.00039	1	−3	EZ	85
26	5 31 52.3	−4 30 25	0.00441 0.00110	···	39	7	P1408	89
27	5 31 53.8	−4 49 10	0.00394 0.00082	···	−31	−2	P1440	88
28	5 31 53.9	−4 36 18	0.00509 0.00111	···	24	−15	P1416	···
29	5 31 54.4	−4 32 10	0.00505 0.00118	···	−3	1	P1425	81
30	5 31 54.5	−4 59 36	0.00253 0.00074	0.00133 0.00042	4	4	IN	96
31	5 31 59.9	−5 26 19	0.02013 0.00204	0.00162 0.00062	0	0	P1469	0
32	5 32 00.4	−6 45 38	0.00480 0.00129	···	9	−16	P1479	···
33	5 32 00.4	−5 33 56	0.00817 0.00225	···	3	−4	P1470	96
34	5 32 01.0	−6 12 02	0.00833 0.00275	···	−6	20	P1487	70
35	5 32 02.5	−5 16 25	0.00906 0.00205	···		···	*	···
36	5 32 02.7	−5 49 14	0.00998 0.00295	···		···	*	···
37	5 32 04.1	−5 30 34	0.01050 0.00239	···		···	*	···
38	5 32 04.3	−5 02 19	0.05738 0.00436	···	−10	18	V652	···
39	5 32 06.7	−4 37 50	0.00282 0.00095	···		···	···	···
40	5 32 11.7	−6 55 46	0.00940 0.00175	···	3	6	P1557	···
41	5 32 12.3	−5 26 19	0.01648 0.00217	0.00083 0.00027	0	3	P1540	0
42	5 32 12.8	−6 08 18	0.00396 0.00132	···		···	*	···
43	5 32 13.1	−5 42 23	0.00733 0.00154	···	3	−18	V398	86
44	5 32 14.0	−5 47 10	0.01697 0.00266	···	1	1	P1564	93
45	5 32 15.0	−5 14 20	0.00868 0.00140	···		···	*	···
46	5 32 15.2	−5 52 08	0.00621 0.00141	···	30	3	IY	91
47	5 32 16.5	−6 36 19	0.00764 0.00138	···	27	12	P1578	···
48	5 32 16.9	−4 25 14	0.00639 0.00133	···	36	13	P1546	38
49	5 32 17.6	−5 27 01	0.02651 0.00236	0.00254 0.00058	−2	−1	P1587	99

TABLE 2—*Continued*

X-ray Num	R.A. (B1950)	Decl. (B1950)	IPC count rate (c/s) ± (c/s)	HRI count rate (c/s) ± (c/s)	$\Delta\alpha$ $''$	$\Delta\delta$ $''$	Star Name	Mem Prob
50	5 32 17.9	−5 03 57	0.00860 0.00200	···		···	*	···
51	5 32 18.4	−4 56 06	0.00244 0.00063	···		···	···	···
52	5 32 21.4	−6 00 42	0.00949 0.00281	···	34	5	P1608	65
53	5 32 21.8	−5 53 58	0.00887 0.00138	0.00155 0.00047	7	−3	P1626	91
54	5 32 22.5	−5 05 06	0.00589 0.00177	···	−39	16	YZ	51
55	5 32 23.1	−5 25 58	···	0.00122 0.00029		···	*	···
56	5 32 23.5	−4 49 25	0.00580 0.00158	···	6	27	P1621	84
57	5 32 24.2	−5 44 20	0.00896 0.00291	0.00166 0.00049	6	−3	V776	78
58	5 32 24.8	−5 24 25	···	0.00094 0.00026	1	2	JW128	99
59	5 32 25.4	−5 29 47	···	0.00072 0.00024		···	*	···
60	5 32 27.7	−5 33 31	0.00860 0.00271	···	2	2	KO	97
61	5 32 28.4	−5 25 06	0.02379 0.00259	0.00377 0.00040	−1	2	KM	99
62	5 32 30.0	−6 20 10	0.00788 0.00158	···	−18	16	P1691	79
63	5 32 30.8	−5 38 22	0.00694 0.00231	···	−27	12	JW195	82
64	5 32 31.0	−5 13 38	0.00882 0.00204	···		···	*	···
65	5 32 31.8	−5 57 51	0.00769 0.00244	···	−43	−2	V787	···
66	5 32 32.4	−5 24 55	···	0.00066 0.00023	−1	2	KR	99
67	5 32 32.4	−4 14 03	0.00732 0.00122	···	−10	−8	P1679	84
68	5 32 33.0	−5 27 09	···	0.00057 0.00021	0	0	JW198	99
69	5 32 33.3	−5 26 05	···	0.00056 0.00018	−3	0	JW201	99
70	5 32 33.7	−5 25 59	···	0.00056 0.00018	0	−2	P1694	98
71	5 32 34.5	−5 28 30	···	0.00105 0.00026		···	*	···
72	5 32 34.7	−5 17 46	0.01618 0.00193	0.00088 0.00024	0	−3	V403	99
73	5 32 35.4	−6 32 20	0.00565 0.00117	···	−6	−13	V789	···
74	5 32 35.6	−4 51 09	0.00586 0.00082	···		···	*	···

TABLE 2—*Continued*

X-ray Num	R.A. (B1950)	Decl. (B1950)	IPC count rate (c/s) ± (c/s)	HRI count rate (c/s) ± (c/s)	$\Delta\alpha$ $''$	$\Delta\delta$ $''$	Star Name	Mem Prob
75	5 32 35.6	−5 31 51	···	0.00098 0.00026	0	5	KZ	76
76	5 32 36.2	−6 01 52	0.02363 0.00204	0.00278 0.00061	4	10	P1728	96
77	5 32 36.5	−5 10 08	0.04884 0.00132	0.00330 0.00049		···	*	···
78	5 32 36.6	−5 07 41	0.00709 0.00083	···	15	−6	P1712	99
79	5 32 38.1	−5 27 13	0.03370 0.00546	0.00143 0.00029	−1	1	LL	99
80	5 32 38.4	−5 00 29	0.00187 0.00062	···		···	*	···
81	5 32 39.2	−5 47 21	0.01368 0.00324	0.00106 0.00041	4	4	V482	51
82	5 32 40.5	−5 23 57	0.01538 0.00393	···		···	*	···
83	5 32 40.9	−5 38 34	0.00894 0.00223	0.01044 0.00189	1	7	JW315	99
84	5 32 41.3	−6 00 02	0.01431 0.00470	···	−19	11	P1788	···
85	5 32 41.7	−5 31 50	···	0.00081 0.00025	0	3	V356	99
86	5 32 42.2	−5 25 21	···	0.00221 0.00035	−1	0	P1771	99
87	5 32 42.4	−5 29 51	0.01657 0.00120	···		···	*	···
88	5 32 42.9	−5 28 11	···	0.00131 0.00028	−3	1	LR	99
89	5 32 43.0	−5 20 38	0.01542 0.00099	···	−12	28	JW361	99
90	5 32 43.0	−5 25 36	···	0.00322 0.00041	−3	2	LQ	99
91	5 32 43.4	−5 57 38	0.01439 0.00264	···	−12	−8	P1813	91
92	5 32 43.9	−5 27 56	0.08585 0.00578	0.00113 0.00027	−1	0	LU	99
93	5 32 44.2	−6 16 31	0.00517 0.00130	···	25	−17	P1791	92
94	5 32 45.0	−5 45 10	0.01146 0.00197	0.00110 0.00044	1	3	V486	90
95	5 32 45.5	−5 22 27	···	0.00063 0.00022	0	−3	JW394	99
96	5 32 46.0	−5 21 47	0.08867 0.00546	0.00066 0.00022	0	1	JW413	0
97	5 32 46.3	−5 32 49	···	0.00071 0.00023	1	2	V488	99
98	5 32 46.3	−4 53 33	0.01926 0.00110	···	16	5	P1798	91
99	5 32 46.4	−5 23 12	0.05236 0.00715	0.00063 0.00023		···	···	···

TABLE 2—*Continued*

X-ray Num	R.A. (B1950)	Decl. (B1950)	IPC count rate (c/s) ± (c/s)	HRI count rate (c/s) ± (c/s)	$\Delta\alpha$ $''$	$\Delta\delta$ $''$	Star Name	Mem Prob
100	5 32 46.7	−5 40 58	0.01249 0.00371	0.00114 0.00045	0	6	LY	92
101	5 32 47.1	−5 24 27	···	0.00201 0.00036		···	*	···
102	5 32 47.2	−5 35 59	0.01767 0.00202	···		···	*	···
103	5 32 47.6	−5 24 46	···	0.00603 0.00053		···	*	···
104	5 32 48.0	−5 27 04	···	0.00091 0.00025	−1	4	P1872	99
105	5 32 48.1	−5 25 02	···	0.01716 0.00086	−3	0	θ^1E	96
106	5 32 48.2	−5 53 32	0.01462 0.00306	0.00148 0.00046	4	4	MP	85
107	5 32 48.5	−5 25 42	···	0.00258 0.00042	0	1	P1869	99
108	5 32 47.7	−4 46 51	0.02366 0.00227	···	12	−15	P1817	87
109	5 32 48.9	−5 25 15	···	0.08792 0.00191	−1	1	θ^1C	99
110	5 32 48.9	−5 25 58	···	0.00163 0.00032		···	*	···
111	5 32 49.4	−5 23 23	···	0.00069 0.00023	−4	2	AE	99
112	5 32 49.4	−5 24 23	···	0.00148 0.00036	−1	3	P1887	99
113	5 32 49.5	−4 41 59	0.00672 0.00125	···	4	−15	P1853	···
114	5 32 49.7	−5 25 10	···	0.00216 0.00037	−1	0	θ^1D	99
115	5 32 49.9	−5 27 35	···	0.00106 0.00025		···	*	···
116	5 32 50.1	−5 14 45	···	0.00053 0.00020		···	···	···
117	5 32 50.3	−5 24 37	···	0.00632 0.00053	−1	2	MT	99
118	5 32 50.4	−5 17 29	···	0.00096 0.00026		···	*	···
119	5 32 50.5	−5 05 44	0.00577 0.00183	0.00124 0.00040	3	4	P1905	93
120	5 32 50.6	−5 18 31	0.02637 0.00109	0.00269 0.00040		···	*	···
121	5 32 50.7	−5 24 29	···	0.00407 0.00047	−1	2	P1925	99
122	5 32 52.6	−5 28 31	···	0.00088 0.00025	−1	1	P1962	99
123	5 32 52.6	−5 22 43	0.06814 0.00501	0.00101 0.00026		···	*	···
124	5 32 53.0	−5 23 34	···	0.00139 0.00029	−3	3	P1956	99

TABLE 2—*Continued*

X-ray Num	R.A. (B1950)	Decl. (B1950)	IPC count rate (c/s) ± (c/s)	HRI count rate (c/s) ± (c/s)	$\Delta\alpha$ $''$	$\Delta\delta$ $''$	Star Name	Mem Prob
125	5 32 53.6	−5 14 04	0.02560 0.00117	0.00118 0.00028	0	−2	P1955	98
126	5 32 53.5	−5 25 43	···	0.00137 0.00028	0	−1	P1961	99
127	5 32 53.8	−5 25 37	···	0.00137 0.00028	−1	2	JW681	99
128	5 32 53.7	−5 26 52	···	0.00140 0.00030	−1	−2	V377	99
129	5 32 53.8	−5 28 36	···	0.00181 0.00032	−3	1	P1975	99
130	5 32 54.6	−5 22 20	···	0.00084 0.00024	−1	2	P1972	99
131	5 32 54.9	−4 27 06	0.00388 0.00113	···	18	14	P1932	3
132	5 32 55.1	−5 52 59	0.01250 0.00249	0.00279 0.00058	4	3	P1996	95
133	5 32 55.4	−4 54 54	0.00491 0.00086	···	25	11	P1950	85
134	5 32 55.4	−5 26 48	0.06734 0.00186	0.00682 0.00053	0	3	θ^2 A	80
135	5 32 55.6	−4 51 13	0.00611 0.00079	···	9	−17	P1969	···
136	5 32 56.2	−5 18 36	0.02583 0.00106	0.00061 0.00021		···	···	···
137	5 32 56.3	−6 56 52	0.00443 0.00091	···	21	7	P2014	···
138	5 32 56.4	−4 52 26	0.00683 0.00096	···	21	−15	P1970	31
139	5 32 56.5	−5 32 38	···	0.00302 0.00039	0	2	V358	98
140	5 32 58.2	−5 10 32	0.01028 0.00085	0.00138 0.00052		···	*	···
141	5 32 58.3	−5 32 12	···	0.00085 0.00024		···	*	···
142	5 32 58.5	−5 21 42	0.02113 0.00273	···	−1	17	JW793	99
143	5 32 58.8	−5 29 27	0.02741 0.00132	0.00215 0.00034	0	2	P2033	99
144	5 32 59.4	−5 56 25	0.39441 0.00727	0.10716 0.00339	4	3	ι	42
145	5 32 59.9	−5 00 53	···	0.00112 0.00038		···	···	···
146	5 33 00.2	−5 02 48	···	0.00125 0.00040		···	···	···
147	5 33 00.4	−5 50 43	0.01567 0.00200	0.00140 0.00045	−1	1	P2050	97
148	5 33 00.5	−4 56 57	0.00766 0.00083	0.00166 0.00045	0	−1	P2043	0
149	5 33 01.8	−5 30 54	0.02074 0.00119	···	1	9	JW836	99

TABLE 2—*Continued*

X-ray Num	R.A. (B1950)	Decl. (B1950)	IPC count rate (c/s) ± (c/s)	HRI count rate (c/s) ± (c/s)	$\Delta\alpha$ $''$	$\Delta\delta$ $''$	Star Name	Mem Prob
150	5 33 02.0	−5 27 36	···	0.00067 0.00022	1	3	JW838	99
151	5 33 02.5	−5 34 40	0.01258 0.00372	0.00263 0.00037	0	6	P2069	99
152	5 33 02.9	−5 50 35	···	0.00205 0.00054	−1	7	V498	91
153	5 33 03.3	−4 22 19	0.00945 0.00153	···		···	*	···
154	5 33 03.4	−5 11 33	0.00610 0.00095	···	−12	−13	V360	81
155	5 33 03.5	−5 20 46	···	0.00130 0.00028	−3	2	P2075	99
156	5 33 03.6	−5 17 23	0.02297 0.00099	0.00072 0.00024	0	3	P2073	98
157	5 33 03.8	−5 27 06	···	0.00137 0.00028	−3	3	V361	99
158	5 33 03.8	−5 51 23	0.01010 0.00338	···		···	*	···
159	5 33 04.3	−5 46 18	0.02052 0.00327	···	−24	−3	P2103	···
160	5 33 04.9	−5 33 00	···	0.00061 0.00022	−1	3	P2100	98
161	5 33 07.4	−5 31 02	0.01076 0.00098	0.00170 0.00032	21	10	V907	10
162	5 33 07.7	−4 11 13	0.00462 0.00108	···	−1	8	P2101	···
163	5 33 07.7	−6 54 38	0.00382 0.00085	···	10	−8	P2127	···
164	5 33 12.5	−4 26 58	0.01071 0.00153	···		···	*	···
165	5 33 12.9	−4 47 17	0.00561 0.00164	···	13	30	OO	···
166	5 33 12.2	−4 59 18	0.00230 0.00073	···	6	3	P2142	···
167	5 33 13.7	−4 42 09	0.00389 0.00108	···	−22	−42	P2159	···
168	5 33 14.0	−5 11 02	0.00665 0.00090	···		···	*	···
169	5 33 14.1	−4 50 03	0.00511 0.00164	···		···	*	···
170	5 33 14.6	−5 30 02	0.01476 0.00324	0.00474 0.00049	0	2	AN	97
171	5 33 15.6	−5 38 11	0.01110 0.00287	···		···	*	···
172	5 33 15.6	−6 45 46	0.00520 0.00078	···		···	*	···
173	5 33 15.7	−7 03 32	0.00927 0.00126	···	−14	−8	A5353	···
174	5 33 17.9	−4 19 30	0.00486 0.00117	···	4	−8	P2176	···

TABLE 2—*Continued*

X-ray Num	R.A. (B1950)	Decl. (B1950)	IPC count rate (c/s) ± (c/s)	HRI count rate (c/s) ± (c/s)	$\Delta\alpha$ $''$	$\Delta\delta$ $''$	Star Name	Mem Prob
175	5 33 18.0	−5 22 23	···	0.00070 0.00022	3	5	P2199	99
176	5 33 19.2	−6 23 22	0.00359 0.00121	···	−31	5	V814	51
177	5 33 19.7	−5 24 37	0.01204 0.00259	0.00076 0.00023	−3	4	P2209	99
178	5 33 20.5	−4 26 34	0.00474 0.00113	···	−6	−4	V389	0
179	5 33 20.5	−6 31 16	0.00399 0.00088	···	−7	−15	V988	···
180	5 33 20.5	−6 35 40	0.00235 0.00071	···	−7	−28	V1074	···
181	5 33 20.8	−5 02 06	0.00985 0.00266	···		···	···	···
182	5 33 20.9	−5 09 05	0.01928 0.00106	···	−36	−5	V575	27
183	5 33 21.1	−5 12 29	0.00791 0.00085	···		···	*	···
184	5 33 22.3	−4 10 47	0.00348 0.00100	···	−7	−25	P2221	···
185	5 33 23.2	−5 09 18	0.02365 0.00113	···	−2	−18	V575	27
186	5 33 23.7	−5 18 19	0.00333 0.00074	···	9	1	OT	93
187	5 33 24.3	−4 31 54	0.00588 0.00116	···	−1	4	P2240	85
188	5 33 24.7	−5 30 32	···	0.00094 0.00025	1	6	AQ	99
189	5 33 25.3	−5 06 46	0.00611 0.00069	···	7	10	V815	99
190	5 33 25.4	−4 49 39	0.01100 0.00086	···		···	*	···
191	5 33 29.1	−4 59 58	0.00570 0.00068	···		···	*	···
192	5 33 30.7	−4 56 59	0.00259 0.00066	···		···	···	···
193	5 33 31.7	−6 05 07	0.03435 0.00408	···	−27	12	V654	···
194	5 33 32.3	−6 40 04	0.00677 0.00085	···	10	−1	P2298	···
195	5 33 33.3	−6 18 20	0.01496 0.00191	···		···	*	···
196	5 33 34.4	−5 19 17	0.00319 0.00068	...	3	10	V578	97
197	5 33 35.0	−6 52 04	0.00659 0.00103	···	−7	0	P2324	···
198	5 33 37.1	−5 09 57	0.00256 0.00068	···	37	−28	P2304	···
199	5 33 38.1	−6 12 59	0.01597 0.00359	···	1	18	S-31	···

TABLE 2—*Continued*

X-ray Num	R.A. (B1950)	Decl. (B1950)	IPC count rate (c/s) ± (c/s)		HRI count rate (c/s) ± (c/s)	$\Delta\alpha$ $''$	$\Delta\delta$ $''$	Star Name	Mem Prob
200	5 33 38.1	−6 21 18	0.00407	0.00122	···	−22	11	P2339	0
201	5 33 39.4	−5 43 51	0.01239	0.00129	···		···	*	···
202	5 33 43.1	−5 21 33	0.00256	0.00069	···	3	1	V502	68
203	5 33 43.5	−4 16 01	0.00357	0.00098	···	−3	22	P2341	···
204	5 33 46.2	−6 24 42	0.00637	0.00136	···	−4	41	S-33a	···
205	5 33 46.7	−5 39 31	0.01214	0.00338	···	−12	−7	V827	···
206	5 33 48.3	−6 40 26	0.00477	0.00098	···	7	12	P2370	70
207	5 33 48.8	−6 19 06	0.00438	0.00146	···	1	20	BB	51
208	5 33 49.4	−5 13 41	0.00645	0.00078	···	3	−10	AZ	89
209	5 33 50.9	−4 46 53	0.00662	0.00153	···	−18	−11	P2375	···
210	5 33 55.2	−6 29 15	0.00416	0.00080	···	−13	−26	P2385	80
211	5 33 59.0	−6 19 14	0.00866	0.00159	···	7	7	PR	89
212	5 33 59.7	−6 28 29	0.00566	0.00121	···	−12	−8	V990	···
213	5 34 00.2	−6 44 42	0.01307	0.00134	···	10	4	V380	···
214	5 34 03.0	−5 21 37	0.00357	0.00070	···	9	18	P2395	51
215	5 34 07.1	−6 05 47	0.00403	0.00124	···		···	*	···
216	5 34 09.5	−5 06 13	0.00292	0.00066	···	4	16	V657	···
217	5 34 11.3	−5 30 09	0.00448	0.00077	···	7	13	P2425	99
218	5 34 12.5	−6 35 31	0.00245	0.00080	···	25	−20	V585	···
219	5 34 17.8	−6 05 38	0.00768	0.00196	···	12	16	P2436	96
220	5 34 28.7	−6 21 49	0.00300	0.00092	···	−24	23	V856	···
221	5 34 36.4	−5 38 13	0.00670	0.00145	···	19	2	V381	87
222	5 34 37.3	−5 25 49	0.00370	0.00071	···	30	8	P2477	90
223	5 34 39.0	−5 01 11	0.00180	0.00061	···		···	···	···
224	5 34 44.1	−6 07 54	0.01135	0.00178	···	18	7	P2494	96

TABLE 2—*Continued*

X-ray Num	R.A. (B1950)	Decl. (B1950)	IPC count rate (c/s) ± (c/s)	HRI count rate (c/s) ± (c/s)	$\Delta\alpha$ $''$	$\Delta\delta$ $''$	Star Name	Mem Prob
225	5 34 44.3	−6 37 17	0.00430 0.00091	···	−4	−5	V865	···
226	5 34 49.3	−5 46 53	0.00591 0.00135	···	21	29	P2509	96
227	5 34 53.3	−6 27 22	0.00528 0.00140	···	19	34	P2527	89
228	5 34 54.8	−5 07 41	0.00713 0.00074	···		···	*	···
229	5 35 03.2	−5 53 06	0.00501 0.00161	···		···	···	···
230	5 35 06.0	−5 14 07	0.00351 0.00065	···	4	14	V368	51
231	5 35 09.3	−4 57 29	0.00836 0.00161	···	9	17	P2564	92
232	5 35 09.3	−7 06 37	0.00535 0.00096	···	37	5	S-49	···
233	5 35 11.3	−6 03 33	0.00481 0.00133	···	13	41	P2576	90
234	5 35 11.5	−5 10 25	0.00242 0.00062	···	13	−1	P2572	···
235	5 35 17.8	−6 41 28	0.00387 0.00099	···	15	38	P2593	···
236	5 35 30.8	−6 59 02	0.00480 0.00104	···	12	−3	V592	···
237	5 35 47.4	−7 35 02	0.00311 0.00091	···	40	6	S-56	···
238	5 35 55.3	−6 39 25	0.00578 0.00159	···	−36	−3	P2675	···
239	5 36 05.6	−6 41 42	0.00622 0.00153	···	22	−21	S-58	···
240	5 36 06.0	−7 11 49	0.00410 0.00095	···	43	−9	S-57	···
241	5 36 07.5	−5 48 22	0.00568 0.00148	···	9	0	P2694	92
242	5 36 26.7	−7 22 31	0.00443 0.00094	···	−7	15	S-59b	···
243	5 36 31.5	−6 57 35	0.00495 0.00109	···	−31	−15	S-60b	···
244	5 36 51.9	−7 01 43	0.00511 0.00106	···	−16	1	S-61	···
245	5 36 53.0	−6 56 21	0.00554 0.00112	···	−7	10	P2797	···

* Indicates multiple candidate optical counterparts. See Table 3.

TABLE 3

Einstein Sources with Multiple Optical Counterparts

X−ray Num	$\Delta\alpha$ ″	$\Delta\delta$ ″	Star Name	Mem Prob	$\Delta\alpha$ ″	$\Delta\delta$ ″	Star Name	Mem Prob	$\Delta\alpha$ ″	$\Delta\delta$ ″	Star Name	Mem Prob
2	9	0	P858	78	−6	−22	P863	0		···	···	···
6	7	−7	V713	···	−7	18	V714	···		···	···	···
9	4	−33	V724	···	−19	−25	V544	···		···	···	···
14	22	−10	V386	···	18	−28	VZ	90		···	···	···
20	−9	−10	P1351	···	−24	−16	P1362	51		···	···	···
35	16	−13	JW3	0	13	12	JW4	0	0	−9	P1482	···
36	12	−4	P1485	···	−4	3	V935	···		···	···	···
37	3	17	JW17	99	−3	−11	JW18	99		···	···	···
42	10	−3	V938	···	−16	−26	P1555	···	−25	−31	P1572	···
45	4	−5	V473	81	4	14	JW59	80		···	···	···
50	6	6	V768	···	−6	−3	P1595	99		···	···	···
55	−1	−1	P1633	99	−13	−11	KL	···		···	···	···
59	0	1	JW137	99	0	3	V551	99		···	···	···
64	30	−10	KN	98	7	11	JW180	99		···	···	···
71	4	1	JW214	99	−1	1	P1704	99		···	···	···
74	24	−3	P1692	···	9	4	P1702	···	9	4	P1701	92
77	0	−1	P1724	0	−1	3	JW242	0		···	···	···
80	21	−11	V554	51	9	20	P1734	···		···	···	···
82	25	0	JW286	99	24	5	JW287	99	16	6	JW298	99
87	3	3	JW333	98	0	−4	LP	99		···	···	···
101	0	0	P1839	99	−3	2	JW452	99		···	···	···
102	19	−2	JW402	99	−4	11	JW458	99		···	···	···
103	−1	2	P1841	99	−1	4	P1842	99		···	···	···

TABLE 3—*Continued*

X−ray Num	$\Delta\alpha$ ″	$\Delta\delta$ ″	Star Name	Mem Prob	$\Delta\alpha$ ″	$\Delta\delta$ ″	Star Name	Mem Prob	$\Delta\alpha$ ″	$\Delta\delta$ ″	Star Name	Mem Prob
110	0	−2	P1895	99	−3	1	JW521	85		···	···	···
115	0	3	JW551	99	−3	1	JW557	99		···	···	···
118	1	−3	JW560	97	1	3	JW563	99		···	···	···
120	0	−3	JW574	99	−3	0	MS	99	−4	−2	JW593	99
123	−1	7	TU	99	1	−6	JW634	99	−6	−6	JW651	99
140	0	−5	JW785	98	−3	3	NP	94		···	···	···
141	1	0	JW784	···	0	1	V417	99		···	···	···
153	−3	−22	P2063	···	−9	−23	V797	···		···	···	···
158	30	15	P2070	68	12	−41	V498	91		···	···	···
164	24	7	P2128	89	−28	−11	BO	80		···	···	···
168	15	−9	V363	91	−22	6	V569	0		···	···	···
169	16	18	P2145	97	−28	−3	OP	51		···	···	···
171	22	−14	P2168	0	−6	9	OR	89	−25	14	JW979	99
172	13	−1	P2188	···	9	12	P2189	···		···	···	···
183	9	32	JW1003	7	21	−9	V574	45	16	−7	P2216	36
190	6	−11	P2251	84	8	−5	P2256	···	18	−2	P2257	86
191	37	1	P2261	92	34	12	P2262	···		···	···	···
195	7	0	P2308	66	0	−21	P2307	79		···	···	···
201	3	−5	P2328	91	−12	20	V501	89		···	···	···
215	−21	−10	P2418	96	−28	−7	P2422	80		···	···	···
228	16	−24	P2525	···	−15	4	P2531	···		···	···	···

TABLE 6

Optical and X-Ray Data for Typed Cluster Members

X-ray Num	Designations Par	J&W	GCVS	Spectral Type	$\log T_{\rm eff}$ (K)	B (mag)	V (mag)	$I_{\rm C}$ (mag)	$\log L_{\rm X}$ (ergs s^{-1})	$\log \frac{L_{\rm X}}{L_{\rm bol}}$	Notes
5	P1097			B8	4.053	8.61	8.64	···	30.57	−5.15	apu
7	P1196			A2	3.960	9.95	9.78	···	30.44	−4.57	apu
13	P1270			K1	3.708	13.03	12.11	···	30.61	−3.54	apu
18	P1322			G8	3.736	12.55	11.70	···	30.79	−3.61	afu
22	P1374			F6IV	3.798	10.31	9.75	···	30.55	−4.27	afu
23	P1393			K0	3.719	13.02	12.16	···	30.62	−3.46	afu
26	P1408			K5	3.643	13.65	14.40	···	30.37	−3.03	afu
25	P1409		EZ	G4Ve	3.756	12.44	11.60	10.59	30.61	−3.78	afw
24	P1412		SW	K1e	3.708	14.12	13.08	11.82	31.29	−2.81	dhz
29	P1425			G7	3.742	12.91	12.00	···	30.67	−3.71	afu
27	P1440			K5	3.643	13.65	12.70	···	30.32	−3.73	afu
34	P1487			K5Ve	3.643	···	12.9	···	30.65	−3.33	dlD
43	P1553		V398	K2e	3.695	13.76	12.40	···	30.59	−3.46	afu
46	P1554		IY	G8e	3.736	13.18	12.30	···	30.52	−3.51	aft
49	P1587	JW75		K2	3.695	14.44	12.60	11.4	30.98	−3.48	bfy
52	P1608			K5e	3.643	13.98	12.95	···	30.71	−3.25	afu
53	P1626			F8V	3.778	11.95	11.25	10.51	30.63	−3.79	agw
57	P1643		V776	K0	3.719	13.93	13.30	···	30.66	−3.00	afu
54	P1648		YZ	K5e	3.643	···	13.9	···	30.50	−3.08	duzk
61	P1659	JW157	KM	K2	3.695	···	12.0	10.5	31.58	−3.16	bfy
67	P1679			K2	3.695	12.95	12.20	···	30.59	−3.54	afu
66	P1684	JW193	KR	K6e	3.623	···	14.9	12.0	30.92	−3.05	bny
62	P1691			G0V	3.771	11.89	11.24	10.46	30.69	−3.83	apu

TABLE 6—*Continued*

X-ray Num	Designations Par	J&W	GCVS	Spectral Type	$\log T_{\rm eff}$ (K)	B (mag)	V (mag)	$I_{\rm C}$ (mag)	$\log L_{\rm X}$ (ergs s^{-1})	$\log \frac{L_{\rm X}}{L_{\rm bol}}$	Notes
78	P1712			B9	4.025	8.74	8.74	···	30.58	−4.98	afp
76	P1728			B0.5V	4.418	4.54	4.78	···	30.82	−7.23	doD
79	P1746	JW273	LL	A0V+K0e:	3.719	10.32	10.17	10.5	30.99	···	bfvyC
85	P1773	JW330	V356	K6e(SB)	3.623	14.20	13.26	11.87	30.48	−3.28	be
90	P1784	JW352	LQ	K2V	3.695	···	12.36	10.31	31.77	−2.70	bs
88	P1785	JW348	LR	K0	3.719	···	11.9	11.5	30.95	−3.44	bfyD
93	P1791			G0V	3.771	11.42	10.85	10.17	30.40	−4.14	ah
98	P1798			B3	4.253	7.67	7.85	···	31.01	−5.47	apu
94	P1811		V486	K7e	3.602	···	14.2	···	30.48	−3.09	doz
91	P1813			B4	4.200	7.35	7.49	···	30.89	−5.65	ao
108	P1817			K2(SB)	3.695	12.15	11.22	···	31.16	−3.41	dgD
105	P1864		θ^1E	G0−5+B5−8	3.761	···	11.4	···	32.06	···	dqBD
107	P1869	JW499		G5:	3.753	···	13.79	11.45	31.94	−3.05	bs
111	P1884	JW544	AE	K7e	3.643	···	13.04	10.82	30.82	−3.65	be
114	P1889		θ^1D	B0Vp	4.490	···	6.69	6.19	31.16	−6.59	cvj
109	P1891		θ^1C	O7V	4.580	5.14	5.13	4.72	33.09	−5.92	byov
119	P1905			A0IV−V	3.993	9.42	9.38	···	30.53	−4.69	afp
117	P1910	JW567	MT	K3−4	3.665	···	12.01	10.11	31.85	−3.00	be
121	P1925	JW589		M0e	3.593	···	13.39	11.33	32.00	−3.24	be
133	P1950			G8	3.736	13.14	12.00	···	30.56	−3.71	afu
125	P1955	JW670		G8	3.736	12.14	10.98	9.65	31.01	−4.01	bfw
124	P1956	JW660		B3	4.253	···	9.62	8.93	31.18	−5.18	bfs
130	P1972	JW706		K3	3.680	···	12.62	11.80	30.75	−3.54	bs
134	P1993		θ^2A	O9.5V	4.519	···	5.06	5.37	31.66	−6.69	civ

TABLE 6—*Continued*

X-ray Num	Designations Par	J&W	GCVS	Spectral Type	$\log T_{\rm eff}$ (K)	B (mag)	V (mag)	$I_{\rm C}$ (mag)	$\log L_{\rm X}$ (ergs s^{-1})	$\log \frac{L_{\rm X}}{L_{\rm bol}}$	Notes
132	P1996			F8	3.778	11.76	11.80	···	30.88	−3.31	afu
139	P2001	JW747	V358	K0	3.719	13.40	12.31	11.3	31.05	−2.69	bfv
143	P2033	JW795		K0.5e	3.710	···	11.75	10.63	30.91	−3.44	be
151	P2069	JW847		K3	3.680	13.32	12.30	10.8	30.99	−3.19	bfuy
152	P2078		V498	K2	3.695	···	12.8	···	30.75	−3.15	dkD
154	P2084	JW876	V360	K3	3.680	13.80	12.49	10.6	30.99	−3.48	bfpy
157	P2085		V361	B4V	4.187	8.26	8.22	8.02	30.71	−5.50	bfvy
160	P2100	JW887		K0e	3.719	11.80	10.80	10.4	30.36	−4.06	bfuy
170	P2167	JW959	AN	K0e	3.719	···	11.60	10.1	31.25	−3.43	bfty
186	P2246	JW1016	OT	K5e	3.643	···	15.2	13.6	30.53	−2.79	bny
189	P2252		V815	G8e	3.736	12.38	11.50	···	30.51	−3.89	afu
188	P2253	JW1020	AQ	K0:	3.719	14.4	···	13.0	30.55	−2.82	bkyB
202	P2347		V502	K1e:	3.708	···	13.4	···	30.41	−3.10	akz
208	P2368		AZ	K4eIV−V	3.661	14.26	13.1	···	30.65	−3.29	an
207	P2369		BB	K5e	3.643	14.86	13.71	12.28	30.42	−3.31	dhz
206	P2370			F6V	3.797	10.59	10.48	9.77	30.41	−4.31	ah
211	P2388		PR	K4e(SB)	3.661	12.61	11.53	10.22	30.67	−3.87	ah
217	P2425			B5V	4.140	7.94	8.09	···	30.38	−5.82	afu
219	P2436			K3−4	3.670	13.89	12.76	···	30.66	−3.48	drhz
221	P2478		V381	G8Ve	3.736	13.28	12.45	···	30.55	−3.41	apu
224	P2494			K0IVe	3.719	11.61	10.74	9.75	30.86	−3.91	arh
227	P2527			F5V	3.806	11.14	10.69	10.13	30.43	−4.18	arh
231	P2564			B3	4.253	7.03	7.19	···	30.65	−6.10	apu
233	P2576			K0V	3.719	12.75	12.00	···	30.41	−3.76	apu

TABLE 7

Optical and X-Ray Data for Untyped Cluster Members

X-ray Num	Designations Par	J&W	GCVS	B (mag)	V (mag)	I_C (mag)	$\log L_X$ (ergs s^{-1})	$\log \frac{f_X}{f_V}$	Notes[a]
3	P958		HR	13.26	12.25	···	31.28	−1.87	auz
10	P1229		HU	12.92	11.45	···	31.26	−1.77	auz
11	P1255		V730	···	13.24	···	30.70	−2.00	dz
15	P1292		V1069	15.37	14.11	···	30.39	−2.17	dz
19	P1341		WW	···	13.3	···	31.04	−1.84	dD
21	P1366			14.16	13.10	···	30.67	−2.29	au
30	P1427		IN	13.72	13.19	···	30.73	−2.11	dz
33	P1470			···	12.3	···	30.78	−2.50	dD
44	P1564			···	13.8	···	31.10	−1.58	dD
56	P1621			14.60	14.10	···	30.63	−1.93	au
58		JW128		···	···	13.2	30.58	···	by
60	P1667	JW165	KO	···	13.6	11.9	30.80	−2.64	byD
63		JW195		···	···	13.7	30.71	···	by
68		JW198		···	···	13.8	30.36	···	by
69		JW201		···	16.22	13.34	30.35	−1.35	br
70	P1694	JW206		···	13.9	13.4	30.35	−2.28	byD
72	P1703	JW221	V403	···	15.0	12.0	30.55	−1.65	byD
75	P1727	JW232	KZ	···	13.9	11.8	30.60	−2.04	byD
81	P1756		V482	···	14.80	···	30.63	−1.64	dD
83		JW315		···	17.66	14.82	30.82[b]	−0.31	br
86	P1771	JW337		···	13.47	11.71	30.95	−1.84	bs
89		JW361		···	···	13.8	31.05	···	by
92	P1800	JW365	LU	···	13.1	12.2	30.66	−2.30	byD
95		JW394		···	···	14.3	30.41	···	by
97	P1827	JW421	V488	14.20	13.40	11.9	30.46	−2.38	byu
100	P1846	JW433	LY	14.86	13.90	12.1	30.66	−2.21	byA
104	P1872	JW478		···	13.4	11.64	30.57	−2.27	bsD
106	P1877		MP	13.48	14.5	···	30.78	−1.62	auB
112	P1887	JW536		···	14.60	12.44	30.78	−1.58	bs
122	P1962	JW641		···	13.3	11.9	30.55	−2.33	byD
126	P1961	JW669		···	12.25	10.68	30.74	−2.59	bs
127		JW681		···	15.93	14.16	30.74	−1.10	bs
128	P1974	JW678	V377	···	14.17	12.33	30.75	−1.75	bs
129	P1975	JW683		14.5	13.7	12.3	30.86	−1.85	byg
142		JW793		···	···	14.2	31.19	···	by
147	P2050			13.22	12.90	···	30.75	−2.28	au
149		JW836		···	15.41	13.31	31.18	−0.85	br

TABLE 7—*Continued*

X-ray	Designations			B	V	I_C	$\log L_X$	$\log \frac{f_X}{f_V}$	Notes[a]
Num	Par	J&W	GCVS	(mag)	(mag)	(mag)	(ergs s^{-1})		
150		JW838		···	···	13.8	30.43	···	by
155	P2075	JW867		···	13.82	11.77	30.72	−1.95	be
156	P2073	JW866		···	13.6	12.0	30.46	−2.29	byD
175	P2199	JW981		···	14.5	13.4	30.45	−1.94	byD
176	P2236		V814	17.28	16.80	···	30.42	−1.05	dA
177	P2209	JW998		···	14.6	13.6	30.49	−1.87	byD
187	P2240			···	13.2	···	30.64	−2.28	dD
196	P2305	JW1049	V578	14.7	13.3	11.9	30.51	−2.17	byD
210	P2385			12.66	12.10	···	30.49	−2.87	au
214	P2395			···	14.8	···	30.42	−1.86	dD
222	P2477			···	14.4	···	30.43	−2.00	dD
226	P2509			···	13.4	···	30.64	−2.20	dD
230	P2557		V368	···	14.4	···	30.41	−2.02	dD
241	P2694			···	12.2	···	30.62	−2.70	dD

[a] See notes for Table 6.
[b] JW315 may have been flaring during the HRI exposure (see Table 2).
Consequently, we have used the IPC count rate to determine L_X.

TABLE 8

ROTATIONAL AND X-RAY DATA FOR LATE-TYPE CLUSTER MEMBERS

X-ray	Designations			Spectral	$\log L_X$	$\log F_X$	$v \sin i$	P_{rot}	Notes
Num	Par	J&W	GCVS	Type	(ergs s^{-1})	(ergs cm^{-2} s^{-1})	(km s^{-1})	(days)	
13	P1270			K1	30.61	7.05	16	···	h
18	P1322			G8	30.79	7.08	70	···	e
23	P1393			K0	30.62	7.17	10	···	f
25	P1409		EZ	G4Ve	30.61	7.00	45	1.50	dg
27	P1440			K5	30.32	6.59	$\leq$20	···	e
43	P1553		V398	K2e	30.59	7.07	28	···	e
46	P1554		IY	G8e	30.52	7.19	30	···	e
49	P1587	JW75		K2	30.98	7.05	$\leq$20	···	e
52	P1608			K5e	30.71	7.08	26	···	e
53	P1626			F8V	30.63	7.09	94	···	e
61	P1659	JW157	KM	K2	31.58	7.38	$\leq$20	17.25	eb
62	P1691			G0V	30.69	7.01	68	···	i
85	P1773	JW330	V356	K6e(SB)	30.48	7.02	···	1.57	a
90	P1784	JW352	LQ	K2V	31.77	7.31	···	7.98	c
88	P1785	JW348	LR	K0	30.95	7.19	$\leq$20	···	e
111	P1884	JW544	AE	K7e	30.82	6.72	···	3.43	a
117	P1910	JW567	MT	K3−4	31.85	7.44	···	8.53	b
121	P1925	JW589		M0e	32.00	7.86	···	14.32	b
125	P1955	JW670		G8	31.01	6.69	109	···	e
130	P1972	JW706		K3	30.75	6.94	$\leq$20	···	e
132	P1996			F8	30.88	7.56	63	···	e
139	P2001	JW747	V358	K0	31.05	7.94	$\leq$20	···	e
143	P2033	JW795		K0.5e	30.91	7.16	56	1.56	eb
151	P2069	JW847		K3	30.99	7.28	38	···	e

TABLE 8—*Continued*

X-ray Num	Designations Par	J&W	GCVS	Spectral Type	$\log L_X$ (ergs s^{-1})	$\log F_X$ (ergs cm^{-2} s^{-1})	$v \sin i$ (km s^{-1})	P_{rot} (days)	Notes
156	P2073	JW866		···	30.46	7.19:	···	6.77	b
154	P2084	JW876	V360	K3	30.99	6.99	$\leq$20	···	e
160	P2100	JW887		K0e	30.36	6.57	72	···	e
170	P2167	JW959	AN	K0e	31.25	7.20	57	···	e
196	P2305	JW1049	V578	···	30.51	7.07:	$\leq$12	···	f
208	P2368		AZ	K4eIV−V	30.65	7.57	28	···	h
206	P2370			F6V	30.41	6.63	160	···	i

[a] Rotational period from Attridge & Herbst 1994.
[b] Rotational period from Attridge & Herbst 1992.
[c] Rotational period from Mandel & Herbst 1991.
[d] Rotational period from Walker 1990.
[e] Spectroscopic rotational velocity from Strom 1993.
[f] Spectroscopic rotational velocity from Duncan 1993.
[g] Spectroscopic rotational velocity from Walker 1990.
[h] Spectroscopic rotational velocity from Hartmann et al. 1986.
[i] Spectroscopic rotational velocity from Smith, Beckers, & Barden 1983.