Table 1: List of known members in Cha I with IR excess.

ISO ChaI	α(2000) h m s	δ(2000) ° ′ ″	I mag.	J mag.	K_s mag.	$F_{6.7}$ (mJy)	$F_{14.3}$ (mJy)	Id.	Ref.Id.
3	11 02 25.0	-77 33 36	10.12	9.00	8.26	47.3(1.2)	21.6(1.8)	CSCha	1
4*	11 02 33.0	-77 29 14	12.97	11.23	10.16	15.0(0.8)	7.5(1.9)	CHXR71	2
10*	11 02 49.2	-77 21 43	13.14	11.41	10.36	19.7(0.7)	16.8(1.2)	HM8	1
46	11 04 23.5	-77 18 09	16.25	14.48	12.36	29.1(1.1)	91.3(1.4)	HH48	11
52	11 04 42.3	-77 41 57	13.63	11.78	10.61	11.5(0.7)	22.3(0.9)	B18	6
55	11 04 57.7	-77 15 58	14.80	12.10	10.27	23.1(1.4)	14.4(2.1)	Sz13	1
75	11 06 13.4	-77 21 53	9.42	7.66	6.27	264.7(2.3)	137.5(3.2)	Ced 110/2	4
81	11 06 45.9	-77 27 05	12.00	10.31	8.76	74.8(1.1)	91.0(1.3)	CHXR20	2
84	11 06 48.6	-77 22 34			12.95	23.0(1.3)	59.1(2.1)	Ced 110/4	4
89	11 06 59.5	-77 18 54	12.92	11.30	9.89	44.6(1.1)	55.5(1.6)	UY Cha	1
92	11 07 09.8	-77 23 05			10.94	216.4(3.3)	349.2(4.2)	Ced 110/6	4
93	11 07 10.7	-77 43 48	16.72	14.15	12.52	8.9(1.1)		CHXR22	2
95	11 07 16.8	-77 35 57	16.58	13.44	12.17	6.7(1.8)	11.8(1.5)	Cha Hα1	5
100	11 07 21.0	-77 38 11	9.31	8.02	6.34	1159.4(18.4)	1643.4(36.9)	LHα33217	1
101	11 07 21.9	-77 22 13		15.28	10.86	54.8(0.8)	120.0(1.2)	B35	6
111	11 07 43.1	-77 34 00	15.26	12.15	10.55	24.5(1.4)	23.4(1.2)	Cha Hα2	5
112	11 07 44.6	-77 39 41	12.56	10.20	8.34	114.2(1.8)	164.6(1.7)	HM15	1
119	11 07 57.7	-77 38 45	12.76	10.18	7.19	1528.0(34.8)	2893.7(54.5)	HM16	1
120	11 07 57.9	-77 42 42	14.58	11.98	9.92	60.4(1.2)		Sz23	1
122*	11 08 00.9	-77 17 29	15.57	11.74	9.04	118.4(3.0)	90.9(1.4)	CHXR30	2
123	11 08 01.3	-77 42 33	10.56	8.66	6.98	355.8(4.8)	459.0(4.9)	VW Cha	1
124	11 08 03.1	-77 39 18	8.58	7.39	6.26	3704.4(83.7)	7473.2(79.6)	HD97048	1
135	11 08 16.0	-77 33 54	10.54	8.58	6.22	2736.4(80.4)	5259.9(134.9)	GlassI	1
150	11 08 37.1	-77 43 50	15.86	11.93	8.48	1278.8(21.2)	10260.8(166.0)	IRN	1
152	11 08 40.0	-77 34 16	15.13	12.21	10.90	12.7(1.5)		Cha Hα6	5
157	11 08 51.5	-76 25 14	14.74	12.45	11.30	7.5(1.5)		Sz28	1
160	11 08 54.8	-77 32 11	14.75	12.17	10.92	5.8(0.8)		CHXR78	2
162	11 08 55.2	-77 02 12	12.99	11.12	9.26	85.4(1.9)	69.8(1.3)	VYCha	1
186	11 09 18.7	-76 30 31	14.91	11.63	8.95	117.9(1.7)	113.5(2.6)	Hn9	7
189	11 09 23.3	-76 34 35	17.99	13.13	9.32	383.1(5.6)	611.3(19.3)	C1-6	8
192	11 09 29.2	-76 33 30			12.24	230.7(2.3)	1391.2(48.5)	Cha INa2	9
199	11 09 42.6	-76 35 01		13.56	9.80	126.6(6.7)	205.6(14.0)	C1-25	8
200	11 09 43.0	-77 25 57	15.71	12.19	10.42	14.9(1.3)	12.3(2.3)	Ced 110/9	4
204	11 09 46.9	-76 34 49	14.81	11.93	9.84	69.2(13.0)	93.4(14.0)	Hn10E	7
207	11 09 47.8	-77 26 28	16.02	12.38	9.93	34.4(1.0)	35.1(1.4)	Baud43	10
211	11 09 50.4	-76 36 48	8.84	7.56	7.05	6100.0(97.5)	7992.0(198.0)	HD97300	1
223	11 09 54.1	-76 34 26	14.61	10.62	6.42	3071.4(63.1)	4451.6(109.8)	HM23	1
224	11 09 54.6	-76 29 26	13.99	11.29	9.17	72.0(3.1)	81.9(2.9)	Sz33	1
226	11 09 55.7	-76 32 42		13.87	9.52	243.1(2.7)	345.9(11.2)	C1-2	8
228	11 09 58.8	-77 37 10	11.82	9.69	7.86	268.4(4.0)	262.0(3.1)	WXCha	1
231	11 10 00.8	-76 34 59	11.02	8.56	5.75	2974.7(65.2)	4168.8(102.5)	WWCha	1
232	11 10 04.3	-76 33 30	14.46	11.55	9.39	104.6(1.8)	102.9(2.8)	Hn11	7
233	11 10 05.4	-76 35 46	11.93	10.23	9.04	48.3(7.2)	43.4(6.2)	GK1	1
234	11 10 07.6	-76 29 38	11.60	9.87	8.31	154.6(1.8)	156.8(3.5)	WYCha	1
251	11 10 38.4	-77 32 41	11.66[1]	9.59	8.23	147.0(5.4)	162.5(2.7)	CHXR47	3
254	11 10 50.0	-77 17 53	13.01	10.91	9.07	134.1(2.9)	238.6(1.6)	HM27	1
258	11 10 54.0	-76 34 32	12.77	11.08	9.95	51.8(1.5)	57.8(1.9)	WZCha	1
259	11 10 56.3	-76 45 33	13.85	11.13	9.96	31.4(1.8)	27.5(1.9)	Hn13	7

1σ statistical errors for LW2 and LW3 are given in bracketts

Ref.Id.: (1) Gauvin & Strom (1992); (2) Lawson et al. (1996); (3) Huenemoerder et al. (1994); (4) Prusti et al. (1991); (5) Comeron et al. (1999); (6) Alcala' (1994); (7) Hartigan (1993); (8) Jones et al. (1985); (9) Persi et al. (1999); (10) Baud et al. (1984); (11) Schwartz (1991).

* ISOCAM-DENIS identification uncertainty

Table 2: Positions and photometry of the new members in Cha I with IR excess.

ISO-ChaI	$\alpha(2000)$	$\delta(2000)$	I	J	K_s	$F_{6.7}$	$F_{14.3}$
	h m s	$\circ$ ′ ″	mag.	mag.	mag.	(mJy)	(mJy)
1	11 02 16.3	-77 46 30	17.02	13.99	12.23	4.3(1.0)	
13	11 02 53.1	-77 24 07				5.3(0.8)	8.8(1.1)
28	11 03 42.0	-77 26 51	15.91	13.05	11.91	3.2(0.7)	
68*	11 05 53.7	-77 43 29	16.70	13.47	12.64	2.5(0.7)	
71	11 06 04.3	-77 39 30		15.53	12.67	2.9(0.8)	
79	11 06 39.4	-77 36 09		15.53	12.41	8.0(2.0)	9.9(1.5)
86	11 06 57.2	-77 22 51				45.7(1.5)	70.6(2.6)
91+	11 07 09.6	-77 18 47		15.12	11.32	12.7(1.1)	26.3(1.5)
97+	11 07 18.3	-77 23 13			11.83	51.2(1.1)	78.5(1.7)
98	11 07 19.0	-77 32 54	17.61	13.89	11.69	11.4(0.9)	9.2(1.3)
114	11 07 50.3	-77 10 01	15.30	14.19	12.85	2.9(0.7)	
126+	11 08 04.0	-77 38 42	14.39	11.64	8.24	676.4(5.7)	1279.3(16.8)
138	11 08 19.2	-77 30 41	16.74	14.07	13.02	15.3(0.8)	17.6(1.3)
143	11 08 23.2	-77 30 28	15.43	12.65	11.06	15.6(1.5)	16.5(1.5)
145	11 08 25.4	-76 55 58	15.03	13.31	11.87	5.9(0.9)	
147	11 08 27.1	-77 15 52	16.79	13.73	12.34	4.3(1.1)	
154	11 08 43.5	-76 27 49	14.42	12.84	11.32	5.6(0.9)	
164	11 08 55.4	-76 39 42	13.49	12.51	11.60	4.9(1.1)	
165	11 08 55.6	-76 32 43	15.87	13.03	11.38	12.0(1.8)	
177*	11 09 07.9	-76 49 10	14.75	13.12	11.95	2.9(0.9)	
206	11 09 47.7	-76 51 18		16.05	13.32	2.9(0.5)	
209+	11 09 49.0	-77 14 38		15.19	12.06	6.7(0.7)	7.0(1.4)
216	11 09 52.4	-76 57 59	15.74	13.27	11.40	10.3(0.6)	
217	11 09 52.6	-76 39 13	16.54	13.28	11.70	10.3(2.5)	
220	11 09 53.8	-77 28 35	18.11	14.36	12.38	5.3(0.7)	6.7(1.1)
225	11 09 55.0	-76 31 12	17.12	14.86	13.05	16.1(1,6)	17.0(2.3)
235	11 10 08.7	-77 27 46	17.58	13.47	11.18	15.7(1.1)	17.2(1.2)
237+	11 10 12.1	-76 35 30	13.90	10.77	8.51	186.3(6.2)	238.5(8.8)
247	11 10 34.0	-76 39 23	16.06	13.15	11.31	6.3(1.6)	
250	11 10 36.8	-77 22 13	15.57	12.34	10.80	20.0(0.7)	5.5(1.2)
252	11 10 42.3	-77 20 47	17.11	13.75	12.30	5.5(0.8)	6.8(1.2)
256+	11 10 52.4	-77 25 07	17.51	13.28	10.83	38.4(0.7)	47.4(1.2)
274*	11 11 24.8	-77 06 13	16.27	14.41	13.38	6.3(0.6)	
282	11 12 04.0	-77 26 03	15.52	13.01	11.56	7.6(1.2)	8.2(1.5)

$^{+}$ New YSOs candidates proposed by Cambrésy et al. (1998)

* ISOCAM-DENIS identification uncertainty

1σ statitical errors for LW2 and LW3 are given in brackets.

Table 3: Physical parameters of the identified Cha I cloud members.

ISO-ChaI	A_J	$L_\star$()	α_{IR}	Sp.type	Id.	IR Class
3	0.3	1.61	-2.4	K4	CSCha	Class III
4	0.5	0.22	-2.1	M2	CHXR71	Class III
10	0.6	0.20	-1.5	M0.5	HM8	Class II
17	1.1	0.66	-2.9	G5	CHXR11	Class III
32	1.2	0.35	-2.5		Hn2	Class III
34	0.4	0.26	-2.7	M3	CHXR12	Class III
46	0.5	0.03	+0.3		HH48	Class I-II
48	1.0	0.44	-2.8		HM10	Class III
52	0.5	0.12	-1.3		B18	Class II
55	1.2	0.16	-1.5		Sz13	Class II
65	0.4	0.14		M5	CHXR15	
75	0.8	8.80	-2.4	K6	Ced 110/2	Class III
78	1.1	0.07		M4.5	CHXR73	
80	0.7	0.31			UXCha	
81	0.6	0.56	-1.4	M0	CHXR20	Class II
87	0.4	0.11		M4.5	CHXR74	
89	0.5	0.19	-1.2	M1.5	UYCha	Class II
93	1.5	0.04		K7	CHXR22	
94	0.8	0.28		K7	Hn6	
95	0.3	0.02	-0.8	M7.5	Cha Hα1	Class II
100	0.7	9.94	-1.1	G2	LHα33217	Class II
105	0.3	0.12		M1	CHXR25	
106	0.4	0.07		M5	B34	
108	2.3	0.93		K7	CHXR26	
111	1.3	0.08	-1.3	M6	Cha Hα2	Class II
112	1.1	0.95	-1.3	M1	HM15	Class II
116	0.6	0.06		M6	Cha Hα3	
117	0.7	1.82	-2.8	M1	CHX10a	Class III
119	1.4	1.56	-0.4	K7	HM16	Class II
120	1.1	0.17		M2.5	Sz23	
122	2.5	0.93	-1.3	K7	CHXR30	Class II
123	0.7	2.90	-1.5	M0.5	VWCha	Class II
135	1.0	4.29		K7	Glass I	
136	0.5	0.20		M3.5	HM19	
144	0.6	0.08		M6	Cha Hα5	
151	0.3	0.10	-2.3	M0	HM20	Class III
152	0.8	0.08		M6	Cha Hα6	
153	0.9	0.66		M0	CHX13a	
157	0.9	0.09			Sz28	
160	0.6	0.07		M5.5	CHXR78	
162	0.7	0.29	-1.3	M0.5	VYCha	Class II
174	0.7	0.14			Hn7	
182	0.4	0.84	-2.6	M0	Sz30	Class III
185	0.8	1.15	-2.8	K7	CHXR37	Class III
186	1.7	0.40	-1.2		Hn9	Class II
189	2.9	0.32	-0.4		C1-6	Class II
198	0.6	0.88		K7	CHXR40	
200	1.8	0.39	-1.5		Ced 110/9	Class II
204	1.3	0.23	-0.9		Hn10e	Class II
207	1.9	0.26	-1.4		Baud43	Class II
223	2.2	3.63	-0.5		HM23	Class II
224	1.4	0.48	-1.3	M0	Sz33	Class II
228	1.0	1.53	-1.3	M0	WXCha	Class II
231	1.4	6.56	-0.9	K5	WWCha	Class II
232	1.4	0.33	-1.1		Hn11	Class II
233	0.6	0.61	-1.6	M0	GK1	Class II-Class III
234	0.8	1.10	-1.4	K7	WYCha	Class II
244	0.8	0.19			Hn12W	
251	1.1	2.22	-1.4	K3	CHXR47	Class II
254	1.1	0.56	-0.8	K7	HM27	Class II
258	0.5	0.26	-1.1	M1	WZCha	Class II
259	1.2	0.42	-1.5		Hn13	Class II

Table 4: Physical parameters of new Cha I cloud members.

ISO-ChaI	A_J	$L_\star$()	α(IR)	IR Class
1	1.5	0.04		
13		0.05		
28	1.3	0.08		
68	1.6	0.07		
71		0.03		
79		0.07	-0.8	Class II
86		0.28		
91		0.10	-0.9	Class II
97		0.31	-0.0	Class II
98	2.0	0.07	-1.2	Class II
114	0.4	0.03		
126	1.2	0.27	-0.3	Class II
138	1.2	0.03	-0.2	Class II
143	1.3	0.11	-1.2	Class II
145	0.4	0.03		
147	1.5	0.05		
154	0.3	0.04		
164	0.2	0.04		
165	1.3	0.08		
177	0.3	0.03		
206		0.03		
209		0.06	-1.2	Class II
216	1.0	0.05		
217	1.6	0.09		
220	2.0	0.05	-1.1	Class II
225	0.8	0.02	-0.2	Class II
235	2.3	0.14	-1.2	Class II
237	1.5	0.79	-1.1	Class II
247	1.4	0.08		
250	1.6	0.20	-1.9	ClassII-III
252	1.7	0.06	-1.1	Class II
256	2.4	0.17	-0.8	Class II
274	0.7	0.02		
282	1.0	0.06	-1.4	Class II