

Table 1
Discovery and Classification Data for SN Sample

SN Name	CfA Spectra ^a	CfA NIR ^b	R.A.	Decl.	SN Type ^c	Discovery Date	Discovery Reference	Spectroscopic ID ^e
SN 2001ej	M14		7:23:43	+33:26:38.0	Ib	2001 Sep 17	IAUC 7719	IAUC 7721
SN 2001gd ³	M14		13:13:23	+36:38:17.7	IIb	2001 Nov 24	IAUC 7761	IAUC 7765
SN 2002ap ¹	M14		1:36:23	+15:45:13.2	Ic-BL	2002 Jan 29	IAUC 7810	IAUC 7811/7825
SN 2003jd ¹	M14		21:03:38	-4:53:45	Ic-BL	2003 Oct 25	IAUC 8232	IAUC 8234
SN 2004ao ¹	M14		17:28:09	+07:24:55.5	Ib	2004 Mar 7	IAUC 8299	IAUC 8430
SN 2004aw ¹	M14		11:57:50	+25:15:55.1	Ic	2004 Mar 19	IAUC 8310	IAUC 8331
SN 2004fe	M14		0:30:11	+02:05:23.5	Ic	2004 Oct 30	IAUC 8425	IAUC 8426
SN 2004gk ^{1,2}	M13	Y	12:25:33	+12:15:39.9	Ic	2004 Nov 25	IAUC 8446	IAUC 8446
SN 2004gg ^{2,3}	M14	Y	5:12:04	-15:40:54	Ib	2004 Dec 11	IAUC 8452	IAUC 8452/8461
SN 2004gt ^{2,4}	M14	Y	12:01:50	-18:52:12	Ic	2004 Dec 12	IAUC 8454	M14
SN 2004gv ²	M14		2:13:37	-0:43:05.8	Ib	2004 Dec 13	IAUC 8454	IAUC 8456
SN 2005az ²	M14	Y	13:05:46	+27:44:08.4	Ic	2005 Mar 28	IAUC 8503	IAUC 8504
SN 2005bf ¹	M14	Y	10:23:57	-3:11:28	Ib	2005 Apr 6	IAUC 8507	IAUC 8521
SN 2005ek ¹	M14	Y*	3:05:48	+36:46:10	Ic	2005 Sep 24	IAUC 8604	CBET 235
SN 2005hg ²	M14	Y	1:55:41	+46:47:47.4	Ib	2005 Oct 25	IAUC 8623	CBET 271
SN 2005kf	M14		7:47:26	+26:55:32.4	Ic	2005 Nov 11	IAUC 8630	CBET 301
SN 2005kl	M14	Y	12:24:35	+39:23:03.5	Ic	2005 Nov 22	CBET 300	CBET 305
SN 2005kz ²			19:00:49	+50:53:01.8	Ic	2005 Dec 1	IAUC 8639	IAUC 8639
SN 2005la ^{1,2,d}	M14		12:52:15	+27:31:52.5	Ib-n/IIb-n	2005 Nov 30	IAUC 8639	IAUC 8639
SN 2005mf ²	M14	Y	9:08:42	+44:48:51.4	Ic	2005 Dec 25	IAUC 8648	IAUC 8650
SN 2005nb ²	M14		12:13:37	+16:07:16.2	Ic-BL	2005 Dec 17	CBET 357	IAUC 8657
SN 2006F ²			2:28:11	+19:36:13	Ib	2006 Jan 11	CBET 364	CBET 368
SN 2006T	M14		9:54:30	-25:42:29	IIb	2006 Jan 30	IAUC 8666	IAUC 8680
SN 2006aj ¹	M14	Y	3:21:39	+16:52:02.6	Ic-BL	2006 Feb 18	IAUC 8674	CBET 409
SN 2006ba			9:43:13	-9:36:53	IIb	2006 Mar 19	IAUC 8693	CBET 458
SN 2006bf			12:58:50	+9:39:30	IIb	2006 Mar 19	IAUC 8693	M14
SN 2006cb			14:16:31	+39:35:15	Ib	2006 May 5	IAUC 8709	CBET 529
SN 2006ck ²	M14		13:09:40	-1:02:57	Ic	2006 May 20	IAUC 8713	CBET 519
SN 2006el ²	M14		22:47:38	+39:52:27.6	Ib	2006 Aug 25	IAUC 8741	CBET 612
SN 2006ep	M14		0:41:24	+25:29:46.7	Ib	2006 Aug 30	IAUC 8744	CBET 612
SN 2006fo ²	M14	Y	2:32:38	+00:37:03.0	Ib	2006 Sep 16	IAUC 8750	M14
SN 2006gi ¹			10:16:46	73:26:26	Ib	2006 Sep 18	CBET 630	CBET 635
SN 2006ir			23:04:35	7:36:21	Ic	2006 Sep 24	CBET 658	Leloudas et al. 2011
SN 2006jc ^{1,2,e}	M14	Y	9:17:20	+41:54:32.7	Ib-n	2006 Oct 09	IAUC 8762	CBET 672/674/677
SN 2006lc	M14		22:44:24	-0:09:53	Ib	2006 Oct 25	CBET 693	CBET 699
SN 2006ld	M14	Y	0:35:27	+02:55:50.7	Ib	2006 Oct 19	IAUC 8766	CBET 689
SN 2006lv	M14		11:32:03	+36:42:03.6	Ib	2006 Oct 28	IAUC 8771	CBET 722
SN 2007C ²	M14	Y	13:08:49	-6:47:01	Ib	2007 Jan 7	IAUC 8792	CBET 800
SN 2007D ²	M14	Y	3:18:38	+37:36:26.4	Ic-BL	2007 Jan 7	IAUC 8794	CBET 805
SN 2007I	M14	Y	11:59:13	-1:36:18	Ic-BL	2007 Jan 14	IAUC 8798	CBET 808
SN 2007ag	M14		10:01:35	+21:36:42.0	Ib	2007 Mar 7	IAUC 8822	CBET 874
SN 2007aw			9:57:24	-19:21:23	Ic	2006 Mar 22	IAUC 8829	CBET 908
SN 2007bg ^{3,4}	M14		11:49:26	+51:49:28.8	Ic-BL	2007 Apr 16	IAUC 8834	CBET 927/948
SN 2007ce	M14	Y	12:10:17	+48:43:31.5	Ic-BL	2007 May 4	IAUC 8843	CBET 953
SN 2007cl	M14		17:48:21	+54:09:05.2	Ic	2007 May 23	IAUC 8851	CBET 974
SN 2007gr ¹	M14	Y	2:43:27	+37:20:44.7	Ic	2007 Aug 15	CBET 1034	CBET 1036
SN 2007hb	M14		2:08:34	+29:14:14.3	Ic	2007 Sep 24	CBET 1043	M14
SN 2007iq	M14		6:13:32	+69:43:49.2	Ic/Ic-BL	2007 Sep 12	CBET 1064	CBET 1101
SN 2007ke ¹			2:54:23	+41:34:16	Ib (Ca rich)	2007 Sep 25	CBET 1084	CBET 1101
SN 2007kj	M14		0:01:19	+13:06:30.6	Ib	2007 Oct 2	CBET 1092	CBET 1093
SN 2007ru ¹	M14		23:07:23	+43:35:33.7	Ic-BL	2007 Nov 30	CBET 1149	CBET 1151
SN 2007rz ⁶	M14		4:31:10	+07:37:51.5	Ic	2007 Dec 8	CBET 1158	CBET 1160
SN 2007uy ¹	M14	Y	9:09:35	+33:07:08.9	Ib-pec	2007 Dec 31	IAUC 8908	M14
SN 2008D ¹	M14	Y	9:09:30	+33:08:20.3	Ib	2008 Jan 7	GCN 7159	CBET 1205
SN 2008an	M14		17:38:28	+61:02:13.7b	Ic	2008 Feb 24	CBAT 1268	CBAT 1271
SN 2008aq ⁷	M14		12:50:30	-10:52:01	IIb	2008 Feb 27	CBAT 1271	CBAT 1271
SN 2008ax ¹	M14	Y*	12:30:40	+41:38:14.5	IIb	2008 Mar 3	CBET 1280/6	CBET 1298
SN 2008bo ⁶	M14		18:19:54	+74:34:20.9	IIb	2008 Apr 1	CBET 1324	CBET 1325
SN 2008cw	M14		16:32:38	+41:27:33.2	IIb	2008 Jun 1	IAUC 1395	CBET 1408
SN 2008hh		Y*	1:26:03	11:26:26	Ic	2008 Nov 20	CBET 1575	CBET 1580
SN 2009K			4:36:36	-0:08:35.6	IIb	2009 Jan 14	CBET 1663	CBET 1665/1703
SN 2009er ^f	M14	Y	15:39:29	+24:26:05.3	Ib-pec	2009 May 22	CBAT 1811	M14
SN 2009iz	M14	Y	2:42:15	+42:23:50.1	Ib	2009 Sep 19	CBET 1943	M14
SN 2009jf ¹	M14	Y	23:04:52	+12:19:59.5	Ib	2001 Sep 17	IAUC 7719	IAUC 7721

Notes.¹ Indicates SNe whose early-time behavior has been studied in the literature. ²Included in the D11 sample.³ Radio studies, no published optical light curve. ⁴Progenitor studies, no published light curve. ⁵Host studies, no published light curve. ⁶Only spectra published. ⁷Only UV data published.^a These objects have spectra presented in M14.^b Object for which NIR data is available within the CfA survey. *Indicates *only* NIR data is available within the CfA survey for this object.^c SN reclassified with SNID using updated templates in M14 have the new classification reported.^d SN 2005la is spectroscopically peculiar showing narrow He and H lines in emission (Pastorello et al. 2008a).^e SN 2006jc is spectroscopically peculiar and showed narrow He lines in emission; see the text for details.^f The type classification of SN 2009er remains ambiguous. SNID classifies SN 2009er differently at different epochs. We also note the presence of high velocity He I lines.

Table 2
SN Host-galaxy Basic Data

SN Name	SN Type ^a	Galaxy ^b	cz_{helio}^c (km s ⁻¹)	M_B^d (mag)	m_B^d (mag)	$m - M^d$ (mag)	Morphology ^d	SN Offsets ^e		E_{B-V}^f
								(")	(")	
SN 2001ej	Ib	UGC 3829	4031	-20.46	13.44 (0.2)	33.90	Sb	4W	7N	0.0460
SN 2001gd	IIb	NGC 5033	1024	-20.95	10.70 (0.13)	30.92	Sc	52W	161N	0.0098
SN 2002ap	Ic-BL	M74	659	-20.71	9.70 (0.26)	29.67	Sc	258W	108S	0.0620
SN 2003jd	Ic-BL	MCG-01-59-21	5635	-19.81	15.21 (0.50)	34.42	SABm	8E	8S	0.0784
SN 2004ao	Ib	UGC 10862	1691	-18.53	14.41 (0.59)	32.15	SBc	6.3E	23.8S	0.0893
SN 2004aw	Ic	NGC 3997	4770	-20.78	14.04 (0.13)	34.48	SBb	28E	20S	0.0180
SN 2004fe	Ic	NGC 132	5363	-21.13	13.74 (0.33)	34.40	SABb	9E	12S	0.0210
SN 2004gk	Ic	IC 3311	-122	-18.00	14.71 (0.18)	31.48	Scd	2E	3N	0.0247
SN 2004gq	Ib	NGC 1832	1919	-21.41	11.64 (0.52)	32.00	Sbc	22E	22N	0.0627
SN 2004gt	Ic	NGC 4038	1663	-21.45	10.85 (0.11)	31.72	SBm	34W	10S	0.0398
SN 2004gv	Ib	NGC 0856	6017	-20.78	14.21 (0.27)	34.69	Sa	14W	4S	0.0276
SN 2005az	Ic	NGC 4961	2517	-19.26	13.96 (0.06)	32.65	SBc	8W	6N	0.0097
SN 2005bf	Ib	MCG+00-27-5	5670	-21.53	13.60 (0.26)	29.67	Sc	13E	32S	0.0385
SN 2005ek	Ic	UGC 2526	4962	-21.29	15.38 (0.33)	33.99	Sc	66E	60S	0.1788
SN 2005hg	Ib	UGC 1394	6388	-21.10	14.66 (0.39)	34.54	Sa	4W	20S	0.0901
SN 2005kf	Ic	SDSS J0747+2655 ^g	4522	-17.01	17.33 (0.29)	-	-	1E	1S	0.0378
SN 2005kl	Ic	NGC 4369	1016	-19.11	12.36 (0.11)	31.67	Sa	6W	4N	0.0219
SN 2005kz	Ic	MCG+08-34-32	8107	-20.83	15.19 (0.33)	35.33	SBa	15.6E	9.5N	0.0460
SN 2005la	Ib/IIb	PGC 043632	5570	-18.43	16.67 (0.50)	34.62	Sc	6W	6S	0.0100
SN 2005mf	Ic	UGC 4798	8023	-20.34	15.34 (0.32)	35.49	Sc	6W	13N	0.0153
SN 2005nb	Ic-BL	UGC 7230	7127	-21.13	14.05 (0.2)	35.18	SB(s)d pec	2W	5N	0.0320
SN 2006F	Ib	NGC 935	4197	-21.39	13.75 (0.41)	33.44	Sc	3E	15N	0.1635
SN 2006T	IIb	NGC 3054	2396	-20.95	12.34 (0.14)	32.68	Sb	22E	21S	0.0647
SN 2006aj	Ic-BL	Anonymous	10052	-	-	-	-	-	-	0.1267
SN 2006ba	IIb	NGC 2980	5764	-21.78	13.60 (0.04)	34.48	Sc	21E	8S	0.0452
SN 2006bf	IIb	UGC 8093	7115	-20.82	14.92 (0.27)	35.18	Sbc	3.1W	15.5N	0.0216
SN 2006cb	Ib	NGC 5541	7708	-21.84	13.89 (0.58)	35.30	Sc	0.6E	5.7S	0.0094
SN 2006ck	Ic	UGC 8238	7312	-20.86	14.95 (0.36)	35.24	Sc	10W	3S	0.0245
SN 2006el	Ib	UGC 12188	5150	-	14.4 (0.4)	-	S+companion	13E	18S	0.0973
SN 2006ep	Ib	NGC 214	4505	-21.65	12.94 (0.05)	33.86	SABc	43W	11S	0.036
SN 2006fo	Ib	UGC 2019	6214	-20.36	14.81 (0.47)	34.69	Sbc	14E	4N	0.0250
SN 2006gi	Ib	NGC 3147	2780	-22.22	11.26 (0.15)	32.99	Sbc	30W	144N	0.0205
SN 2006ir	Ic	PGC 085376	6220	-	17.36 (0.50)	34.63	-	-	-	0.0393
SN 2006jc	Ib-n	UGC 4904	1644	-17.47	15.05 (0.35)	32.99	SBbc	11W	7S	0.0173
SN 2006lc	Ib	NGC 7364	4863	-21.24	13.44 (0.43)	33.87	S0-a	1E	10S	0.0556
SN 2006ld	Ib	UGC 348	4179	-18.44	15.86 (0.39)	33.71	SABd	1E	18S	0.0144
SN 2006lv	Ib	UGC 6517	2490	-19.33	14.12 (0.46)	32.99	SBbc	10E	12N	0.0245
SN 2007C	Ib	NGC 4981	1767	-20.31	12.07 (0.30)	31.71	Sbc	9E	22S	0.0363
SN 2007D	Ic-BL	UGC 2653	6944	-21.70	15.68 (0.50)	35.08	Scd	5E	3S	0.2881
SN 2007I	Ic-BL	PGC 1114807	6487	-16.77	18.30 (0.25)	34.99	-	-	-	0.0250
SN 2007ag	Ib	UGC 5392	6017	-20.33	15.94 (0.35)	35.30	Scd(?)	4E	16N	0.0250
SN 2007aw	Ic	NGC 3072	3431	-19.91	13.83 (0.19)	33.68	S0-a	3.3E	5.2S	0.0338
SN 2007bg	Ic-BL	Anonymous	10370	-	-	-	-	-	-	0.0179
SN 2007ce	Ic-BL	Anonymous	13890	-	-	-	-	-	-	0.0200
SN 2007cl	Ic	NGC 6479	6650	-20.85	14.50 (0.33)	34.90	Sc	3W	8N	0.0200
SN 2007gr	Ic	NGC 1058	518	-18.70	11.96 (0.14)	29.28	Sc	25W	16N	0.0535
SN 2007hb	Ic	NGC 819	6669	-20.90	16.23 (0.35)	34.91	S(?)	19W	5S	0.0518
SN 2007iq	Ic/Ic-BL	UGC 3416	4003	-20.19	15.08 (0.32)	33.59	Sc	39W	30S	0.1182
SN 2007ke	Ib (Ca rich)	NGC 1129	5194	-21.64	13.40 (0.72)	34.30	E	39.1W	29.8S	0.0954
SN 2007kj	Ib	NGC 7803	5366	-20.92	13.08 (0.11)	34.34	S0-a	6W	10S	0.0691
SN 2007ru	Ic-BL	UGC 12381	4636	-20.37	15.12 (0.44)	33.99	Sc	5E	41S	0.2254
SN 2007rz	Ic	NGC 1590	3897	-20.25	14.49 (0.04)	33.71	Sc B	9E	0N	0.1723
SN 2007uy	Ib-pec	NGC 2770	2100	-20.78	12.76 (0.05)	32.08	SABc	21E	15S	0.0194
SN 2008D	Ib	NGC 2770	2100	-20.78	12.76 (0.05)	32.08	SABc	38W	56N	0.0194
SN 2008an	Ic	UGC 10936	8124	-20.79	15.36 (0.49)	35.35	Sb	5E	10S	0.0450
SN 2008aq	IIb	MCG-02-33-20	2389	-	13.27 (0.15)	32.45	SB(s)m	15E	45S	0.0383
SN 2008ax	IIb	NGC 4490	630	-21.82	9.76 (0.17)	29.90	SBcd	15E	45S	0.0186
SN 2008bo	IIb	NGC 6643	1484	-21.10	11.76 (0.08)	31.57	Sc	31E	15N	0.0513
SN 2008cw	IIb	PGC 2181396	9724	-18.34	17.60 (0.47)	-	-	1E	2N	0.0060
SN 2008hh	Ic	IC 112	5819	-21.23	14.16 (0.41)	34.51	Sd	9.8E	8.4S	0.0427
SN 2009K	IIb	NGC 1620	3530	-21.82	12.87 (0.21)	33.07	SABc	8.7W	1.5N	0.0499
SN 2009er	Ib-pec	SDSS J1539+2426 ^h	10500	-18.22	18.05 (0.50)	35.87	-	8W	9S	0.0389
SN 2009iz	Ib	UGC 02175	4257	-21.82	12.87 (0.21)	33.84	SABc	12W	14N	0.0729
SN 2009jf	Ib	NGC 7479	2443	-19.00	15.60 (0.32)	32.64	SABb	54W	36N	0.0971

Notes.^a The SN Type “Ic-BL” stands for broad-lined SN Ic. SN 2006jc is a SN Ib-n (“n” for narrow) which showed narrow He lines in emission. See text for details.^b “Anonymous” stands for non-catalogued host galaxy.^c From NED catalog.^d From HyperLEDA catalog (bold) or NED catalog.^e From <http://www.cbat.eps.harvard.edu/lists/Supernovae.html>.^f Galactic extinction calculated according to Schlafly & Finkbeiner (2011)^g Abbreviated galaxy name for SDSS J074726.40+265532.4.^h Abbreviated galaxy name for SDSS J153930.49+242614.8.