Circular No. 8834

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SUPERNOVAE 2007be–2007bz

Numerous supernovae have been discovered on unfiltered CCD frames: 2007be by S. Moretti and S. Tomaselli (Bastia, Ravenna, Italy, 0.42-m reflector); 2007bf and 2007bj by T. Puckett (cf. *IAUC* 8822; 2007bf with E. Guido, and 2007bj with J. Newton and R. Gorelli); 2007bg by R. Quimby and E. Rykoff (cf. *IAUC* 8779); 2007bh by T.-w. Chen *et al.* (cf. *IAUC* 8667); 2007bi and 2007bo–2007bz by P. E. Nugent and the "Nearby Supernova Factory" collaboration; 2007bk by H. Mikuž (cf. *IAUC* 8687); and the rest by R. Martin (cf. *IAUC* 8496). Discovery observations for those objects reported to be brighter than mag 18.7:

SN	2007 UT		α_{2000}	δ_{2000}	Mag.	*Offset*
2007be	Apr.	7.96	$12^h38^m06^s.65$	$-\ 0°01'51''.4$	16.8	18″.4 E, 14″.7 S
2007bf	Apr.	8.30	14 15 12.05	+15 44 11.8	17.8	4″.3 E, 20″.1 S
2007bg	Apr.	16.15	11 49 26.18	+51 49 21.8	17.7	—
2007bh	Apr.	13.82	15 09 26.37	–10 41 33.2	18.6	24″.6 E, 10″.9 N
2007bi	Apr.	6.5	13 19 20.19	+ 8 55 44.3	18.3	—
2007bj	Apr.	18.32	16 22 10.59	– 1 30 51.4	15.1	3″.9 E, 2″.3 N
2007bk	Apr.	20.00	15 28 45.58	+58 52 12.8	16.5	5″.0 E, 12″.5 N
2007bl	Apr.	18.86	22 48 05.44	–47 13 54.3	16.5	18″.9 W, 21″.6 N
2007bm	Apr.	20.68	11 25 02.30	– 9 47 53.8	16.0	2″.4 W, 10″.8 S
2007bn	Apr.	18.86	22 55 52.81	–63 41 31.6	17.0	27″ W, 9″ N
2007bp	Mar.	26.4	9 24 00.55	+ 5 12 25.0	15.6	—
2007bt	Apr.	17.5	14 27 47.73	+12 48 47.1	15.6	—
2007bw	Apr.	18.5	17 11 01.99	+24 30 36.4	17.3	—
2007bx	Apr.	19.3	11 02 41.52	– 1 38 31.5	18.6	—
2007bz	Apr.	22.4	12 56 53.77	+22 22 22.1	16.7	—

Additional information is available on *Electronic Telegrams*: 2007be in UGC 7800, *CBETs* 917, 920 (type-II); 2007bf in UGC 9121, *CBETs* 919, 921 (type-II, discovered a few days past explosion); 2007bg, *CBET* 927 (type-Ic); 2007bh in PGC 54103, *CBET* 928; 2007bi, *CBET* 929 (peculiar type-Ic); 2007bj in NGC 6172, *CBETs* 930, 932 (type-Ia, discovered perhaps a week past maximum); 2007bk, *CBETs* 933, 937 (type-Ia); 2007bl in ESO 239-G1, *CBET* 935; 2007bm in NGC 3672, *CBETs* 936, 939 (type-Ia, discovered before maximum); 2007bn in NGC 7408, *CBET* 940; 2007bo–2007by, *CBET* 941 (all type-II except type-Ib 2007br); 2007bz in IC 3918, *CBETs* 941, 943 (type-Ia). Mikuž adds the following R magnitudes for 2007bk: Apr. 21.949 UT, 16.61 ± 0.05; 22.937, 16.76 ± 0.03.

2007 April 27 *Daniel W. E. Green*