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SUPERNOVAE 2007cr–2007cv

Further to *IAUC* 8851, additional apparent supernovae have been discovered on CCD frames: 2007cr and 2007cv by A. Klotz (0.25-m 'TAROT' robotic telescope, La Silla; *R*-band indicated), and the rest by W. Li (LOSS, unfiltered KAIT; with D. Winslow for 2007cs, and with N. Joubert for the rest). Discovery observations for objects brighter than mag 17:

SN	2007 UT	α_{2000}	δ_{2000}	Mag.	*Offset*
2007cr	June 16.30	$16^h21^m56^s.5$	$-60°40'24''$	15.0	20″ E, 15″ S
2007cs	June 24.49	23 49 39.00	+29 55 52.1	15.9	12″.4 W, 2″.5 S
2007cv	June 29.00	10 37 45.4	–27 04 57	15.3	24″ W, 6″ S

Additional information is available on *Central Bureau Electronic Telegrams*: 2007cr in ESO 137-19, *CBET* 985; 2007cs in UGC 12798, *CBETs* 986 and 987 (type-Ia, discovered some two weeks after maximum); 2007ct in NGC 6944A, *CBETs* 988 and 994 (mag 18.1 on June 28; type-II); 2007cu in UGC 10214, *CBETs* 988 and 994 (mag 18.9 on June 27; type-II); 2007cv in IC 2597, *CBET* 989.

COMETS 189P/NEAT AND 190P/MUELLER

Comet P/2007 N2 = P/2002 O5 (cf. *IAUC* 8856) has been given the permanent number 189P, and comet P/2007 O2 = P/1998 U2 (cf. *IAUC* 8859) has been given the permanent number 190P (cf. *MPC* 60237).

COMET P/2007 N1 (McNAUGHT)

Additional observations have shown this comet (cf. *IAUC* 8855) to be of short orbital period, as indicated by the following orbital elements (from *MPC* 60281):

$$\begin{array}{lll} T = 2007\ \text{Sept.}15.892\ \text{TT} & \left.\begin{array}{l}\omega = 275^\circ.699 \\ \Omega = 105.867 \\ i = 8.721\end{array}\right\}2000.0 & \\ e = 0.38791 & & \\ q = 2.03021\ \text{AU} & & \end{array}$$

$$a = 3.31687\ \text{AU} \qquad n^\circ = 0.163159 \qquad P = 6.04\ \text{years}$$

SATURN XLIV (HYRROKKIN)

The IAU Working Group on Planetary Science Nomenclature has voted to change the spelling of the name of Saturn XLIV from 'Hyrokkin' (as announced on *IAUC* 8826) to 'Hyrrokkin'.

2007 July 31 *Daniel W. E. Green*