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SUPERNOVA 2005V IN NGC 2146

Further to *IAUC* 8473, S. Mattila *et al.* report the discovery of another apparent supernova (mag 13.8) in K_s-band images obtained on Jan. 30.16 UT at the William Herschel Telescope. The new object is located at $\alpha = 6^{\rm h}18^{\rm m}38^{\rm s}.28$, $\delta = +78^{\circ}21'28''.8$ (equinox 2000.0), which is $1''.8$ east and $3''.4$ north of the K_s-band nucleus of the starburst galaxy NGC 2146. J- and H-band observations of SN 2005V yield preliminary colors $J - H = +0.13 \pm 0.33$ and $H - K = +0.18 \pm 0.34$, indicating modest extinction.

Following requests by the Central Bureau, T. Boles (Coddenham, Suffolk, England; limiting mag 20.5), T. Puckett (Ellijay, GA; limiting mag 20), and K. Kadota (Ageo, Saitama-ken, Japan; via S. Nakano) report that their CCD images obtained on Feb. 1 UT show that SN 2005V could not be definitively separated from the bright core of NGC 2146.

S. Taubenberger and A. Pastorello, Max-Planck-Institut für Astrophysik, Garching; and S. Benetti, Istituto Nazionale di Astrofisica, Osservatorio Astronomico di Padova, on behalf of the European RTN collaboration, report that inspection of a spectrogram of SN 2005V, obtained on Feb. 1.0 UT by J. Aceituno with the Calar Alto 2.2-m telescope (+ CAFOS; range 330–880 nm), shows it to be a type-Ib/c supernova, $\sim$ 1–2 weeks past maximum. The very red continuum and the deep interstellar Na I D (EW = 0.55 nm) suggest heavy host-galaxy extinction. The spectrum shows P-Cyg lines of Fe II, Na I D, O I, and Ca II. Also, a strong absorption at 620 nm is visible, possibly due to Si II. No clear evidence of He I lines is found.

SUPERNOVA 2005M IN NGC 2930

R. C. Thomas, Lawrence Berkeley National Laboratory, writes on behalf of the 'Nearby Supernova Factory' that a spectrogram (range 330–990 nm) of SN 2005M (*IAUC* 8470), obtained Jan. 24.52 UT with the University of Hawaii 2.2-m telescope (+ SuperNova Integral Field Spectrograph), shows it to be a type-Ia supernova that is most similar to SN 1991T at $\sim$ 12 days before maximum. Weak Ca II H and K and Fe III features are evident. The spectrum is very blue and lacks interstellar Na I D, indicating very little or no extinction.

COMET 164P/2004 Y1 (CHRISTENSEN)

Following the identification of observations in 1998 Jan. and Apr. (cf. *MPC* 53463), comet P/2004 Y1 (cf. *IAUC* 8458) has been numbered 164P/Christensen.

2005 February 1 *Daniel W. E. Green*