Central Bureau for Astronomical Telegrams
INTERNATIONAL ASTRONOMICAL UNION
Mailstop 18, Smithsonian Astrophysical Observatory, Cambridge, MA 02138, U.S.A.
IAUSUBS@CFA.HARVARD.EDU or FAX 617-495-7231 (subscriptions)
CBAT@CFA.HARVARD.EDU (science)
URL `http://cfa-www.harvard.edu/iau/cbat.html` ISSN 0081-0304
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V5115 SAGITTARII = NOVA SAGITTARII 2005

N. N. Samus and E. Kazarovets, Institute of Astronomy, Russian Academy of Sciences, inform us that the designation V5115 Sgr has been given to this nova (cf. *IAUC* 8500, 8501).

Visual magnitude estimates: Mar. 30.127 UT, 7.7 (K. Hornoch, Lelekovice, Czech Republic); 30.20, 8.0 (A. Pereira, Cabo da Roca, Portugal); 30.273, 7.7 (R. Y. Shida, São Paulo, Brazil).

SUPERNOVA 2005ay IN NGC 3938

S. Taubenberger, Max Planck Institut für Astrophysik, Garching; and S. Benetti and A. Harutyunyan, Instituto Nazionale di Astrofisica, Osservatorio Astronomico di Padova; on behalf of the European RTN collaboration (cf. *IAUC* 7987), report that a spectrum of SN 2005ay (cf. *IAUC* 8500), obtained on Mar. 29.98 UT by A. Zurita with the Calar Alto 2.2-m telescope (+ CAFOS; range 340–880 nm), is that of a type-II supernova soon (maybe 8–10 days) after explosion. The spectrum is characterized by a blue continuum with broad P-Cyg features of the hydrogen Balmer series (the expansion velocity from Hβ is $\sim$ 9600 km/s). The He I 587.6-nm P-Cyg line is also present.

H. Yamaoka, Kyushu University, writes that K. Itagaki (Teppo-cho, Yamagata, Japan) found nothing at the location of SN 2005ay (cf. *IAUC* 8500) on a CCD image taken on Mar. 19.621 UT (limiting mag 19.0).

SATELLITES OF JUPITER

Further to *IAUC* 8177, the IAU WGPSN has approved the following new designations and names of satellites of Jupiter:

Jupiter XXXIX	Hegemone	=	S/2003 J 8
Jupiter XL	Mneme	=	S/2003 J 21
Jupiter XLI	Aoede	=	S/2003 J 7
Jupiter XLII	Thelxinoe	=	S/2003 J 22
Jupiter XLIII	Arche	=	S/2002 J 1
Jupiter XLIV	Kallichore	=	S/2003 J 11
Jupiter XLV	Helike	=	S/2003 J 6
Jupiter XLVI	Carpo	=	S/2003 J 20
Jupiter XLVII	Eukelade	=	S/2003 J 1
Jupiter XLVIII	Cyllene	=	S/2003 J 13

2005 March 30 *Daniel W. E. Green*