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V2467 CYGNI

S. Mazuk, D. K. Lynch, R. J. Rudy, R. W. Russell, R. L. Pearson, The Aerospace Corporation; C. E. Woodward, University of Minnesota; R. C. Puetter, Center for Astrophysics and Space Science, University of California at San Diego; and R. B. Perry, Langley Research Center, NASA, report 0.4- to 2.5-μm spectroscopy of this nova (cf. *IAUC* 8821) using the Lick 3-m telescope (+ VNIRIS) on May 7 UT, as well as 0.8- to 5.5-μm spectroscopy using the Infrared Telescope Facility 3-m telescope (+ SpeX) on May 31. The spectrum increased in excitation between the two epochs, displaying coronal lines of [Si VI], [Si VII], [Ca VIII], [S VIII], and [S IX] at the later date. All coronal lines had complex profiles. He II emission was also present, in addition to the unidentified novae lines (Rudy *et al.* 2002, *Ap.J.* **573**, 794) at 1.11, 1.19, 1.55, and 2.10 μm. Despite the presence of these high-excitation features, emission from C I, N I, and O I persisted. There was no evidence of dust formation. The interstellar reddening derived from the O I lines was $E(B-V) = 1.5$.

COMETS C/2007 J1–J6 (SOHO)

Additional near-sun comets (cf. *IAUC* 8847) have been found on SOHO website images — all being Kreutz sungrazers except for C/2007 J1 (Meyer group). C/2007 J1 was stellar in appearance and reached mag ~ 6. C/2007 J5 was fuzzy, very faint, and tailless. C/2007 J6 was very diffuse and somewhat elongated, with a hint of a tail. The remaining three objects were very small, slightly diffuse, and faint (mag ~ 7.5–8).

Comet	2007	UT	α_{2000}	δ_{2000}	Inst.	F	*MPEC*
C/2007 J1	May	2.579	$2^h43^m.5$	$+15°29'$	C3/2	RK	2007-L03
C/2007 J2		3.121	2 44.8	+14 17	C2	BZ	2007-L03
C/2007 J3		4.746	2 54.4	+14 17	C3/2	TH	2007-L03
C/2007 J4		4.771	2 50.9	+14 43	C2	TH	2007-L03
C/2007 J5		7.538	3 01.3	+15 25	C2	BZ	2007-L16
C/2007 J6		9.146	3 06.3	+15 48	C2	BZ	2007-L16

COMET 8P/TUTTLE

C. W. Hergenrother reports his recovery of this comet as a stellar object of mag 20.3–20.4 in co-added CCD exposures taken on Apr. 22.5 and 26.5 UT with the Catalina 1.54-m reflector. The astrometry, revised orbital elements, and an ephemeris appear on *MPEC* 2007-L45.

2007 June 12 *Daniel W. E. Green*