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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)
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Phone 617-495-7440/7244/7444 (for emergency use only)

V477 SCUTI

S. Mazuk, D. K. Lynch, R. J. Rudy, and C. C. Venturini, Aerospace Corporation; R. C. Puetter, University of California at San Diego; R. B. Perry, Langley Research Center, NASA; and B. Walp, Lick Observatory, report 0.47- to 2.5-μm spectroscopy of V477 Sct (cf. *IAUC* 8617) with the Lick 3.0-m telescope (+ VNIRIS) at Nov. 15.094 UT. The nova showed doubled line profiles with FWHM of 2700 km/s. The Lyβ-fluoresced O I lines were strong, as were those of H I and He I. He II was present but weak. Coronal lines of [S VIII] and [S IX] were evident, but not those of [Ca VIII] or [Si VI]. As derived from the O I lines, the reddening is $E(B-V) =$ 1.2. A strong continuum increasing toward longer wavelengths appears to be thermal emission from dust.

COMETS C/2005 T9–T11 AND C/2005 U2–U6 (SOHO)

Further to *IAUC* 8640 (where on line 4 the designation *should read* C/2005 S13), additional near-sun comets have been found on SOHO website images — all the following being Kreutz sungrazers except for C/2005 T9 (Meyer group). C/2005 T9 was tiny, stellar, and too faint for photometry. C/2005 T10 was very faint and diffuse. C/2005 T11 reached mag 4.9 at $10.9 R_\odot$ on Oct. 15.821 UT, as seen in C3 images; in C2 images, it showed a bright, long, thin tail that reached a length of $\sim 38'$ at $3.5 R_\odot$ on Oct. 16.226. C/2005 U2 and C/2005 U3 were small, very faint, and stellar in appearance in C3 images, while they were very faint and diffuse in C2 images. C/2005 U4 was diffuse and very faint. C/2005 U5 was small, very faint, and stellar in appearance. C/2005 U6 was tiny, faint, and stellar in appearance in C3 images, and it appeared as a small, faint blob in C2 images.

Comet	2005 UT	α_{2000}	δ_{2000}	Inst.	F	*MPEC*
C/2005 T9	Oct. 8.226	$12^h52^m.3$	$-4°00'$	C2	HS	2005-X52
C/2005 T10	14.726	13 11.8	$-$ 9 13	C2	HS	2005-X52
C/2005 T11	15.029	12 57.3	$-$11 39	C3/2	TH	2005-X52
C/2005 U2	18.113	13 19.3	$-$11 00	C3/2	HS	2005-X53
C/2005 U3	18.513	13 14.5	$-$11 32	C3/2	HS	2005-X53
C/2005 U4	19.454	13 30.2	$-$11 04	C2	HS	2005-X53
C/2005 U5	21.448	13 30.6	$-$13 36	C3	TS	2005-X53
C/2005 U6	23.447	13 39.1	$-$13 13	C3/2	BZ	2005-X53

2005 December 10 *Daniel W. E. Green*