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COMET 9P/TEMPEL

D. Schleicher, Lowell Observatory; and K. Barnes, Franklin and Marshall College, report that they obtained narrowband photometry of comet 9P on June 9 using the Hall 1.1-m telescope at Lowell Observatory, with the following averaged results: log Q(OH) = 27.79; equivalent log Q(water; vectorial) = 27.83; log $Af\rho = 2.1$ (cf. *IAUC* 7342). No trends with aperture size are evident for the gas species, but the radial fall-off of the dust is significantly steeper than the canonical $1/\rho$. When combined with monthly photometry previously obtained by Schleicher beginning in March, it is clear that water production is consistently about a factor of 2.4 lower than during the equivalent time interval in 1983, and CN is lower by about 2.0 times. Dust production, based on the proxy $Af\rho$, is also lower, but only by about 1.3 times. Measurements from 1994 show intermediate values between the 1983 and 2005 results, most likely implying an on-going significant secular decrease in vaporization due to the exhaustion or covering over of a major source region on the nucleus.

SUPERNOVAE 2005bo AND 2005bt

M. A. Pérez-Torres, M. Jelínek, J. Gorosabel, A. de Ugarte Postigo, A. J. Castro-Tirado, A. Sota, and A. Alberdi, Instituto de Astrofísica de Andalucía (IAA), Consejo Superior de Investigaciones Científicas, Granada, report R-band magnitudes ($\pm$ 0.1) for two supernovae obtained with the IAA 0.6-m and 1.5-m telescopes at Sierra Nevada Observatory: SN 2005bo in NGC 4708 (cf. *IAUC* 8514), Apr. 29.00 UT, 15.2; May 22.88, 16.0. SN 2005bt in UGC 8205 (cf. *IAUC* 8518), Apr. 29.10, 17.0.

VARIABLE OBJECT IN BOOTES

R-band magnitudes for this object (cf. *IAUC* 8518) by Pérez-Torres *et al.*: Apr. 29.07 UT, 16.5; May 18.94, 18.0.

COMET C/2000 S6 (SOHO)

Following is the initial available position for another Kreutz sungrazing comet found on SOHO website images (continuation to *IAUC* 8530). K. Battams adds that this object appeared stellar and was barely above the background noise.

Comet	2000 UT	α_{2000}	δ_{2000}	Inst.	F	*MPEC*
C/2000 S6	Sept.28.488	$12^h03^m.2$	$-3^\circ03'$	C2	HS	2005-K43

2005 June 17 *Daniel W. E. Green*