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K. S. Noll, Space Telescope Science Institute (STScI); D. C. Stephens, Brigham Young University; W. M. Grundy, Lowell Observatory; H. F. Levison, Southwest Research Institute; and S. D. Kern, STScI, report the detection of a binary companion to the transneptunian object (123509) in observations made during 2005 Nov. 24.365–24.395 UT with the High Resolution Camera of the Advanced Camera for Surveys on the Hubble Space Telescope (HST), using the clear filters with one 300-s exposure at each of four dithered positions on the detector. The two components are clearly resolved in each image and in the coadded image; they were separated by an angular distance of $0''.080 \pm 0''.004$ and differ in brightness by 0.40 magnitude. The fainter component lies at a position angle of $138^\circ.9 \pm 5^\circ.5$ from the primary. The projected separation of the objects in the sky plane is 2470 $\pm$ 60 km. The HST corrected for parallax and tracked both components of (123509) as they moved together at an average rate of $0''.50$/min.

COMETS C/2006 V2–V10 (SOHO)

Additional Kreutz sungrazing comets have been found on SOHO website images (cf. *IAUC* 8807). C/2006 V2 was very bright, peaking at mag 1.3 on Nov. 3.154 UT at $11.0R_\odot$ in C3 images, with a thin tail that was $1^\circ.25$ long at $8.0R_\odot$ on Nov. 3.429; in C2 images, the long, thin tail survived for some hours after the comet's head had disappeared behind the occulter. C/2006 V3 and V4 were stellar in appearance and faint (mag 7.5). C/2006 V5, V6, V7, V8, and V10 were somewhat diffuse and faint (mag $\sim$ 8, 7.5, 7, 7.5, and 8, respectively). C/2006 V9 was stellar in appearance and of mag $\sim$ 5 in C3 images; in C2 images, it had a condensed head and an extremely faint, thin tail that extended to $\sim 17'$ on Nov. 14.171 at $5R_\odot$.

Comet	2006	UT	α_{2000}	δ_{2000}	Inst.	F	*MPEC*
C/2006 V2	Nov.	2.013	$14^h00^m.6$	$-18^\circ18'$	C3/2	JS	2007-B38
C/2006 V3		3.021	14 27.2	−16 13	C2	HS	2007-B38
C/2006 V4		4.013	14 25.3	−17 28	C3	HS	2007-B38
C/2006 V5		7.379	14 46.0	−17 44	C2	HS	2007-B38
C/2006 V6		7.521	14 46.1	−17 43	C2	TH	2007-B38
C/2006 V7		8.579	14 50.6	−18 02	C2	HS	2007-B38
C/2006 V8		11.851	15 04.7	−19 07	C2	RK	2007-B75
C/2006 V9		13.321	14 59.3	−21 16	C3/2	BZ	2007-B75
C/2006 V10		13.993	15 13.4	−19 40	C2	HS	2007-B75

2007 February 21 *Daniel W. E. Green*