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COMET 73P/SCHWASSMANN-WACHMANN

Another companion to comet 73P (cf. *IAUC* 8659, 8663) has been found by R. A. Tucker (Tucson, AZ, 0.35-m reflector, on Feb. 20.4 and 22.4 UT) and E. J. Christensen (at mag 17.2 with a 15″ coma and a fanlike tail ≈ 20″ long in p.a. 250°–310° on Mt. Lemmon Survey images taken on Feb. 24.5, with additional images also acquired on Feb. 25.5), denoted component 'G' on *MPEC* 2006-D47. Z. Sekanina, Jet Propulsion Laboratory, notes that this companion is not likely to be 'E' or 'F'. The positions of component 'G' are consistent with the orbit for component 'B' (cf. *MPEC* 2006-B27, *MPC* 55982) but with T = 2006 June 8.11 TT ('B' has T = June 7.94, and 'C' has T = June 6.95; cf. *MPC* 55524).

COMET 41P/TUTTLE-GIACOBINI-KRESÁK

This comet has been observed for the first time since 2001 via images taken in the course of the LINEAR survey on Feb. 3.2 UT and in the course of the Mt. Lemmon Survey on Feb. 24.2 and 25.2 (cf. *MPEC* 2006-D45). E. J. Christensen, Lunar and Planetary Laboratory, reports that the Mt. Lemmon images on Feb. 24 show a coma of total mag 17.0 and size 15″ × 20″, elongated along the axis in p.a. 100°/280°.

COMETS C/2005 Y7, Y8, Y9, Y10 (SOHO)

Additional comets have been found on SOHO website images (cf. *IAUC* 8672) — all being Kreutz sungrazers except for C/2005 Y8 (Meyer group), which was stellar in appearance but elongated horizontally (3×1 pixels), reaching mag 6.9 at $5.1R_\odot$ on Dec. 25.079 UT. C/2005 Y7 was small, stellar, and very faint in C3 images, and visible in C2 images as an extremely faint, fuzzy streak. C/2005 Y9 was stellar and condensed in C3 images, becoming teardrop-shaped near the C2 field-of-view, while in C2 images it showed a starlike head (reaching mag 4.0 at $7.9R_\odot$ on Dec. 27.412) with a thin, faint tail that reached a length of ∼ 28′ at $6.0R_\odot$ on Dec. 27.588. C/2005 Y10 was very faint, small, and slightly diffuse.

Comet	2005	UT	α_{2000}	δ_{2000}	Inst.	F	*MPEC*
C/2005 Y7	Dec.	24.779	18h21m.8	−26°22′	C3/2	RK	2006-D03
C/2005 Y8		24.963	18 15.2	−22 39	C2	RK	2006-D03
C/2005 Y9		26.221	18 29.5	−28 45	C3/2	SF	2006-D03
C/2005 Y10		27.229	18 30.0	−24 57	C2	QY	2006-D03

2006 February 27 *Daniel W. E. Green*