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COMET P/2006 Y1 (KORLEVIĆ-JURIĆ)

E. J. Christensen reports his recovery of comet P/1999 DN_3 (cf. *IAUC* 7167) on CCD images obtained with the 1.5-m reflector at Mt. Lemmon, with his astrometry provided below. On Dec. 16.4 UT, 60-s images obtained in average seeing showed a moderately condensed 5″ coma with a 15″ tail in p.a. 270°. Four co-added 60-s images obtained the following night in poor seeing confirm a faint 10″ tail in p.a. 260°.

2006 UT	α_{2000}	δ_{2000}	Mag.
Dec. 16.36258	$7^h31^m34^s.32$	$+45°48'08''.8$	20.0
16.36796	7 31 34.06	+45 48 10.0	
16.37348	7 31 33.81	+45 48 10.9	
16.37911	7 31 33.60	+45 48 12.2	
17.28139	7 30 55.98	+45 51 21.3	20.7
17.28505	7 30 55.83	+45 51 21.4	20.5
17.28874	7 30 55.69	+45 51 22.2	20.5
17.29240	7 30 55.58	+45 51 23.1	20.7

The indicated correction to the prediction on *MPC* 54168 is $\Delta T = -2.0$ days. The following linked orbital elements are by B. G. Marsden:

Epoch = 1998 Sept. 24.0 TT

T = 1998 Sept.30.4678 TT ω = 161°.2491
e = 0.135043 Ω = 5.9549   2000.0
q = 3.907590 AU i = 18.7192
a = 4.517671 AU $n°$ = 0.1026437 P = 9.60 years

Epoch = 2008 May 14.0 TT

T = 2008 May 8.7944 TT ω = 161°.6439
e = 0.135853 Ω = 5.8430   2000.0
q = 3.893755 AU i = 18.7301
a = 4.505892 AU $n°$ = 0.1030464 P = 9.56 years

COMET C/2003 B3 (SOHO)

Another Kreutz sungrazing comet found on SOHO website images (cf. *IAUC* 8783), being of stellar appearance (mag ~ 7.5–8):

Comet	2003 UT	α_{2000}	δ_{2000}	Inst.	F	*MPEC*
C/2003 B3	Jan. 22.696	$20^h32^m.4$	$-21°22'$	C3	HS	2006-X25

2006 December 20 *Daniel W. E. Green*