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INTERNATIONAL ASTRONOMICAL UNION

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 URL <http://cfa-www.harvard.edu/iau/cbat.html> ISSN 0081-0304
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COMET P/2006 Y1 (KORLEVIĆ-JURIĆ)

E. J. Christensen reports his recovery of comet P/1999 DN₃ (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 ^h 31 ^m 34. ^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	$\omega = 161.^\circ 2491$	} 2000.0		
$e = 0.135043$		$\Omega = 5.9549$			
$q = 3.907590$ AU		$i = 18.7192$			
$a = 4.517671$ AU	$n^\circ = 0.1026437$	$P = 9.60$ years			
Epoch = 2008 May 14.0 TT					
$T = 2008$	May 8.7944 TT	$\omega = 161.^\circ 6439$	} 2000.0		
$e = 0.135853$		$\Omega = 5.8430$			
$q = 3.893755$ AU		$i = 18.7301$			
$a = 4.505892$ AU	$n^\circ = 0.1030464$	$P = 9.56$ 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	<i>MPEC</i>
C/2003 B3	Jan. 22.696	20 ^h 32 ^m .4	-21°22'	C3	HS	2006-X25