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COMET P/2009 B5 (NEAT)

G. Hug, Scranton, KS, U.S.A., reports his recovery of comet P/2002 O8 (cf. *IAUC* 7949) on images obtained with the 0.56-m reflector at his Sandlot Observatory. The indicated correction to the prediction on *MPC* 59599 is $\Delta T = -0.34$ day.

2009	UT	α_{2000}	δ_{2000}	Mag.	*Observer*
Jan.	22.49485	$15^h17^m07^s.22$	$-\ 9°52'16''.5$	20.3	Hug
	22.51117	15 17 08.08	− 9 52 18.0	19.7	"
Feb.	2.48785	15 25 27.25	−10 19 33.3	19.9	"
	2.51010	15 25 28.13	−10 19 35.9	20.2	"

The following linked orbital elements by B. G. Marsden and an ephemeris appear on *MPEC* 2009-C19.

$$\text{Epoch} = \text{2010 June 13.0 TT}$$

$$\begin{array}{llll} T = \text{2010 June 8.0390 TT} & \omega = 222°.4526 & \\ e = 0.201114 & \Omega = 75.4410 & \left.\right\} 2000.0 \\ q = 3.213378 \text{ AU} & i = 12.7900 & \end{array}$$

$$a = 4.022322 \text{ AU} \qquad n° = 0.1221768 \qquad P = 8.07 \text{ years}$$

COMETS C/2008 T6–T10 (SOHO)

Further to *IAUC* 9014, additional near-sun presumed comets have been found on SOHO website images; all were Kreutz sungrazers except for C/2008 T6 (Meyer group) and C/2008 T7 (no known group). Those objects visible in C3 images appeared stellar therein. C/2008 T6 was small and faded quickly (peak mag $\sim$ 7). C/2008 T7 was tiny (mag $\sim$ 7.5–8). C/2008 T8 peaked at mag $\sim$ 6.5–7 in C3 images, but was quite diffuse with a short, diffuse tail in C2 images. C/2008 T9 and C/2008 T10 were of mag 7.5–8 in C3 images; the former was diffuse and very faint in C2 images, while the latter was very diffuse and slightly elongated in C2 images.

Comet	2008	UT	α_{2000}	δ_{2000}	Inst.	F	*MPEC*
C/2008 T6	Oct.	2.379	$12^h31^m.1$	$-\ 2°17'$	C2	BZ	2009-A59
C/2008 T7		3.868	12 42.4	− 2 46	C2	RK	2009-A59
C/2008 T8		5.279	12 26.6	− 6 13	C3/2	JR	2009-A59
C/2008 T9		5.304	12 31.8	− 6 02	C3/2	MK	2009-A59
C/2008 T10		11.846	12 57.8	− 8 32	C3/2	TH	2009-A59

2009 February 2 *Daniel W. E. Green*