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COMET P/2009 H1 (LINEAR)

E. Guido, G. Sostero, P. Camilleri, and E. Prosperi report their recovery of comet P/2002 LZ_{11} (cf. *IAUC* 8240) on unfiltered CCD exposures taken remotely with a 0.25-m reflector near Mayhill, NM, U.S.A., on Apr. 17; co-added exposures show an extremely compact coma $\sim 12''$ in diameter and a short tail nearly $25''$ long toward the west. Confirming astrometry on Apr. 18 was obtained by the same team remotely with a 0.37-m reflector near Sonoita, AZ, U.S.A.; co-added exposures show a coma about $8''$ in diameter with a faint extension toward the west.

2009	UT	α_{2000}	δ_{2000}	Mag.
Apr.	17.45321	$18^h07^m32^s.66$	$-17^\circ42'44''.3$	18.8
	18.37396	18 07 49.24	−17 38 42.0	19.4

The indicated correction to the predictions on *MPC* 59599 and in the *2008/2009 Comet Handbook* is $\Delta T = -0.4$ day. The following orbital elements by B. G. Marsden are from 154 observations spanning 2002 June 5–2009 Apr. 18 (mean residual $0''.7$). Additional astrometry and orbital elements, residuals, and an ephemeris appear on *CBET* 1772.

Epoch = 2010 Mar. 25.0 TT

T = 2010 Mar. 5.73233 TT ω = 107°.76353
e = 0.3532609 Ω = 231.05130 } 2000.0
q = 2.3643294 AU i = 11.52093

a = 3.6557699 AU n^o = 0.14100542 P = 6.990 years

COMETS C/2008 Y12–Y15 (SOHO)

Further to *IAUC* 9037, additional near-sun presumed comets have been found on SOHO website images. C/2008 Y12 and Kreutz sungrazer C/2008 Y15 were stellar in appearance (mag $\sim$ 7.5). C/2008 Y13, also a Kreutz sungrazer, appeared stellar (mag $\sim$ 7–7.5) in C3 images, but was very diffuse, faint, and slightly elongated in C2 images. C/2008 Y14 was very diffuse (mag $\sim$ 8).

Comet	2008	UT	α_{2000}	δ_{2000}	Inst.	F	*MPEC*
C/2008 Y12	Dec.	22.704	$17^h58^m.6$	$-22^\circ42'$	C2	RK	2009-F17
C/2008 Y13		27.888	18 36.1	−25 38	C3/2	AK	2009-F18
C/2008 Y14		27.896	18 20.0	−22 43	C2	JR	2009-F18
C/2008 Y15		29.821	18 45.1	−25 36	C3	BZ	2009-F18

