

**Central Bureau for Astronomical Telegrams  
INTERNATIONAL ASTRONOMICAL UNION**

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*COMET P/2010 C1 (SCOTTI)*

J. V. Scotti, Lunar and Planetary Laboratory, University of Arizona, reports his discovery of a comet (discovery observation tabulated below) with a nearly stellar nuclear condensation and a 23'' tail in p.a. 283° on CCD-mosaic images obtained with the Spacewatch 0.9-m *f*/3 reflector at Kitt Peak.

2010 UT	$\alpha_{2000}$	$\delta_{2000}$	Mag.	<i>Observer</i>
Feb. 9.21136	10 <sup>h</sup> 29 <sup>m</sup> 06 <sup>s</sup> .76	+11°36'19.4''	20.2	Scotti

The available astrometry (including single-night observations from Mount Lemmon on 2008 Dec. 30, 2009 Feb. 1, and Feb. 28; and Spacewatch observations from 2009 Jan. 2, 2010 Jan. 12, and Feb. 5), the following elliptical orbital elements, residuals, and an ephemeris appear on *MPEC* 2010-C26.

Epoch = 2009 Nov. 25.0 TT				
$T = 2009 \text{ Dec. } 1.2703 \text{ TT}$	$\omega = 3.6353$	} 2000.0		
$e = 0.258847$	$\Omega = 142.0341$			
$q = 5.235048 \text{ AU}$	$i = 9.1426$			
$a = 7.063383 \text{ AU}$	$n^\circ = 0.0525031$			

*COMETS C/2009 Q8, C/2009 V1, C/2009 V2 (SOHO)*

Further to *IAUC* 9115, additional Kreutz sungrazers have been found on SOHO website images. K. Battams notes that C/2009 Q8 was small and stellar in appearance (peak mag  $\sim 6.5$ –7). Comets C/2009 V1 and C/2009 V2 were very faint (peak mag  $\sim 8$ –8.5) and slightly diffuse. A. Watson also found images for the latter two comets in STEREO/SECCHI HI-1 website data.

Comet	2009 UT	$\alpha_{2000}$	$\delta_{2000}$	Inst.	F	<i>MPEC</i>
C/2009 Q8	Aug. 31.138	10 <sup>h</sup> 20 <sup>m</sup> .4	+ 7°49'	C3	MU	2009-W10
C/2009 V1	Nov. 5.054	14 32.6	−17 21	C3	MU	2010-B27
C/2009 V2	5.571	14 32.7	−17 53	C3	MU	2010-B27

*COMET 29P/SCHWASSMANN-WACHMANN*

E. Reina, J. Castellano, J. A. Henríquez, and J. M. Aymami report that F. García (Asturias, Spain) found the comet to be at red mag 11.7 on Feb. 2.999 UT (cf. *IAUC* 9114). Additional visual total-magnitude estimates: Feb. 6.54, 10.8 (M. Mattiazzo, Castlemaine, Victoria, Australia, 20-cm reflector); 8.10, 10.8 (M. Goiato, Aracatuba, Brazil, 22-cm reflector).