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INTERNATIONAL ASTRONOMICAL UNION**

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*COMET P/2007 B1 (CHRISTENSEN)*

E. J. Christensen reports his discovery of a comet on CCD images obtained with the Catalina Sky Survey's 0.68-m Schmidt telescope (discovery observation tabulated below); four stacked 30-s discovery images, taken in good seeing, show a slightly condensed 10'' coma, while four stacked 90-s follow-up images reveal a 15'' tail oriented toward p.a. 220°–250°. Following posting on the Minor Planet Center's 'NEOCP' webpage, several other CCD observers have noted the object's cometary appearance, including G. Sostero and L. Donato at Remanzacco, Italy (0.45-m *f*/4.4 reflector, Jan. 20.04–20.09 UT; coma diameter 10'' with a 16'' tail toward p.a. 250°); D. Mayes at Table Mountain (0.6-m reflector, Jan. 20.4); and L. Buzzi at Varese, Italy (0.60-m *f*/4.6 reflector, Jan. 20.0; 60 stacked 15-s exposures show a compact 10'' coma with a possible elongation in p.a. ~ 230°).

2007	UT	$\alpha_{2000}$	$\delta_{2000}$	Mag.
Jan.	17.27421	8 <sup>h</sup> 57 <sup>m</sup> 29 <sup>s</sup> .84	+32°29'41.0''	18.6

The available astrometry, the following preliminary elliptical orbital elements, and an ephemeris appear on *MPEC* 2007-B25.

$$\left. \begin{array}{l} T = 2007 \text{ Feb. } 8.351 \text{ TT} \\ e = 0.57317 \\ q = 2.42086 \text{ AU} \end{array} \right\} 2000.0$$

$$\left. \begin{array}{l} \omega = 54.294 \\ \Omega = 76.702 \\ i = 12.114 \end{array} \right\} 2000.0$$

$$a = 5.67165 \text{ AU} \quad n^\circ = 0.072969 \quad P = 13.5 \text{ years}$$

*COMET C/2006 P1 (McNAUGHT)*

Unfiltered-CCD total-magnitude estimates in daylight: Jan. 13.14 and 14.13 UT, –5.0 (A. Nakamura, Kuma, Ehime, Japan, 7.2-cm reflector; integrated coma diameter 1'.4); 15.48, –5.2 (K. Hornoch, J. Srba, and E. Brezina, Vsetin Observatory, Czech Republic, 6.3-cm reflector + neutral-density filter; aperture size 8'). Further visual total-magnitude estimates: Jan. 16.94, –2.8 (S. J. O'Meara, Mauna Loa, HI, U.S.A., 10×50 binoculars, daylight; 0°5 tail); 18.50, –2.1 (A. Pearce, City Beach, W. Australia, naked eye; 4°5 tail); 20.51, –0.7 (Pearce; 23° tail; tail synchronous easily visible).

*COMET 183P/KORLEVIĆ-JURIĆ*

Comet P/2006 Y1 = 1999 DN<sub>3</sub> (cf. *IAUC* 8786) has been numbered 183P (cf. *MPC* 58485).