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*COMET P/2007 E3 (LINEAR)*

E. J. Christensen reports his recovery of comet P/1999 J5 (cf. *IAUC* 7201) on images obtained in the course of the Mount Lemmon Survey on Mar. 9 by himself and on Mar. 10 by R. A. Kowalski. The images were not obviously cometary, although they may have been slightly elongated toward p.a. 235° on the first night. On the second night, 30-second integrations in good seeing revealed neither coma nor tail. G. V. Williams, Minor Planet Center, identified further observations in Mt. Lemmon incidental asteroidal astrometry by Kowalski on Apr. 7.

| 2007 | UT | $\alpha_{2000}$ | $\delta_{2000}$ | Mag. |
|---|---|---|---|---|
| Mar. | 9.37740 | 11ʰ18ᵐ40ˢ.14 | +19°55′38″.2 | 21.2 |
| | 9.38374 | 11 18 39.96 | +19 55 40.8 | 21.1 |
| | 9.39006 | 11 18 39.74 | +19 55 42.6 | 21.1 |
| | 9.39652 | 11 18 39.49 | +19 55 44.2 | 21.0 |
| | 10.31285 | 11 18 07.57 | +20 00 05.7 | |
| | 10.33449 | 11 18 06.78 | +20 00 11.9 | |
| | 10.34527 | 11 18 06.39 | +20 00 15.3 | |
| Apr. | 7.26289 | 11 03 34.84 | +21 26 40.2 | 22.0 |
| | 7.26917 | 11 03 34.66 | +21 26 39.1 | 21.2 |
| | 7.27556 | 11 03 34.48 | +21 26 40.5 | 20.9 |
| | 7.28187 | 11 03 34.34 | +21 26 40.4 | 20.8 |

The indicated correction to the prediction on *MPC* 54170 is $\Delta T = -0.8$ day. The following improved orbital elements have been computed by Williams from 72 observations, 1999–2007:

Epoch = 1999 May 22.0 TT

$T$ = 1999 May 12.1310 TT $\qquad \omega$ = 132°.1799 
$e$ = 0.169470 $\qquad \Omega$ = 112.0187 } 2000.0
$q$ = 3.712711 AU $\qquad i$ = 13.7164
$a$ = 4.470289 AU $\qquad n$° = 0.1042799 $\qquad P$ = 9.45 years

Epoch = 2008 Oct. 21.0 TT

$T$ = 2008 Oct. 6.3021 TT $\qquad \omega$ = 131°.9564
$e$ = 0.170548 $\qquad \Omega$ = 112.0027 } 2000.0
$q$ = 3.693255 AU $\qquad i$ = 13.7323
$a$ = 4.452644 AU $\qquad n$° = 0.1049004 $\qquad P$ = 9.40 years

2007 April 7  *Daniel W. E. Green*