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COMET C/2009 S3 (LEMMON)

An apparently asteroidal object discovered in the course of the Mt. Lemmon survey (discovery observation tabulated below) has been found to be diffuse on follow-up CCD images taken by W. H. Ryan and E. V. Ryan on Sept. 26.2 UT with the Magdalena Ridge Observatory 2.4-m $f/8.9$ reflector, following posting on the Minor Planet Center's 'NEOCP' webpage.

2009 UT	α_{2000}	δ_{2000}	Mag.
Sept.24.16207	$18^h01^m23^s.44$	$+33^\circ14'06''.3$	20.9

The available astrometry, the following preliminary parabolic orbital elements, and an ephemeris appear on *MPEC* 2009-S122.

$$T = 2011 \text{ Dec. } 25.349 \text{ TT} \qquad \left.\begin{aligned} \omega &= 129^\circ.389 \\ \Omega &= 223.179 \\ i &= 59.962 \end{aligned}\right\} 2000.0$$
$$q = 6.68049 \text{ AU}$$

2000 WT_{169} AND 2003 YU_{179}

K. S. Noll, Space Telescope Science Institute (STScI); W. M. Grundy, Lowell Observatory; S. D. Benecchi, STScI; and H. A. Levison, Southwest Research Institute, report the detection of binary companions to the transneptunian objects 2000 WT_{169} (cf. *MPECs* 2000-X31, 2002-B11) and 2003 YU_{179} (cf. *MPEC* 2006-H29), from four dithered observations of each object that were made using the Hubble Space Telescopes Wide Field Planetary Camera 2 through the F606W filter starting on 2008 Sept. 24.3825 and 27.3823 UT, respectively. For 2000 WT_{169}, a second component was found at $-0''.069 \pm 0''.003$ in α and $-0''.050 \pm 0''.001$ in δ, which was fainter than the primary by 0.43 magnitude. The 2003 YU_{179} secondary was found at $-0''.039 \pm 0''.008$ in α and $-0''.054 \pm 0.005$ in δ, being 1.3 magnitudes fainter than the primary.

COMET 225P/2009 Q3 (LINEAR)

Corrigendum. On *IAUC* 9068, in the title, the designation should read 'P/2009 Q3'.

2009 September 27 *Daniel W. E. Green*