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**INTERNATIONAL ASTRONOMICAL UNION**

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*COMET C/2006 S2 (LINEAR)*

An apparently asteroidal object discovered by the LINEAR project, and posted on the ‘NEO Confirmation Page’, has been found by J. Young to show a round coma with an outer faint shell 10'' in diameter and a central condensation 5'' in diameter, with no hint of tail, on CCD images taken on Sept. 18.12–18.16 UT with the Table Mountain 0.61-m *f*/16 reflector; his images from Sept. 19.14–19.17 show a round, diffuse coma of diameter 8'', and again no tail seen in long exposures.

| 2006 UT       | $\alpha_{2000}$                                     | $\delta_{2000}$ | Mag. |
|---------------|---|-----------------|------|
| Sept.17.17360 | 18 <sup>h</sup> 16 <sup>m</sup> 38 <sup>s</sup> .52 | +46° 40' 51''.1 | 19.0 |

The available astrometry, the following preliminary parabolic orbital elements, and an ephemeris appear on *MPEC* 2006-S26.

$$\left. \begin{array}{l} T = 2007 \text{ May } 11.772 \text{ TT} \\ q = 3.10570 \text{ AU} \end{array} \right\} \begin{array}{l} \omega = 168.186 \\ \Omega = 114.262 \\ i = 98.828 \end{array} \left. \vphantom{\begin{array}{l} T \\ q \end{array}} \right\} 2000.0$$

*SUPERNOVAE 2006fo–2006gh*

Two apparent supernovae have been reported following discovery on unfiltered CCD images: 2006fp by T. Puckett and R. Gagliano (cf. *IAUC* 8741); and 2006gc by R. Mostardi and W. Li (LOSS/KAIT; cf. *IAUC* 8744). Also, an additional 18 supernovae (2006fo, 2006fq–2006gb, and 2006gd–2006gh — most being fainter than magnitude  $g = 20$ ) have been reported by J. Frieman on behalf of the Sloan Digital Sky Survey II collaboration, with details published on *CBETs* 624, 627, and 629; the brightest, 2006fo (a type-Ia supernova  $\approx 1$  week past maximum), is included below.

| SN     | 2006 UT     | $\alpha_{2000}$                                    | $\delta_{2000}$ | Mag. | Offset           |
|--------|-------------|--|-----------------|------|------------------|
| 2006fo | Sept. 16    | 2 <sup>h</sup> 32 <sup>m</sup> 38 <sup>s</sup> .89 | + 0° 37' 03''.0 | 18.2 | 6''0 W, 0''6 N   |
| 2006fp | Sept. 17.15 | 22 45 41.13  | +73 09 47.8     | 17.7 | 13''9 E, 3''6 N  |
| 2006gc | Sept. 18.52 | 4 58 50.81   | + 6 58 28.6     | 18.2 | 13''1 E, 10''9 S |

Additional magnitudes for 2006fp in UGC 12182: 2005 July 14, [19.6 (Puckett)]; 2006 Sept. 18.27 UT, 17.6 (J. Grcevich, 2.4-m Hiltner telescope, MDM Observatory). Additional KAIT magnitudes for 2006gc in UGC 3219: Feb. 11.23, [19.5; Sept. 8.53, 18.1.