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INTERNATIONAL ASTRONOMICAL UNION**

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*COMET C/2006 O2 (GARRADD)*

G. J. Garradd reports his discovery of a comet on CCD images taken with the 0.5-m Uppsala Schmidt telescope (discovery observation tabulated below), the object showing a broad 40'' tail in p.a.  $\sim 120^\circ$ .

2006 UT	$\alpha_{2000}$	$\delta_{2000}$	Mag.
July 30.38855	14 <sup>h</sup> 44 <sup>m</sup> 32 <sup>s</sup> .89	-39°39'31".8	17.4

The available astrometry, the following parabolic orbital elements, and an ephemeris appear on *MPEC* 2006-P05.

$$\left. \begin{array}{l} T = 2006 \text{ Oct. } 5.228 \text{ TT} \\ q = 1.56375 \text{ AU} \end{array} \right\} \begin{array}{l} \omega = 19^\circ 660 \\ \Omega = 283.123 \\ i = 43.270 \end{array} \left. \vphantom{\begin{array}{l} T \\ q \end{array}} \right\} 2000.0$$

*COMETS C/1996 R5 AND C/1996 X3–X5 (SOHO)*

Additional comets have been found on archival SOHO website images (cf. *IAUC* 8724) — all described by K. Battams as being small and stellar in appearance. C/1996 R5, a Kreutz sungrazer, peaked at mag 7.5–8.0; the other objects belong to the Kracht group, with C/1996 X3 and C/1996 X4 peaking at mag  $\sim 7.0$ , and C/1997 X5 peaking at mag  $\sim 7.5$ .

Comet	1996 UT	$\alpha_{2000}$	$\delta_{2000}$	Inst.	F	<i>MPEC</i>
C/1996 R5	Sept. 3.821	10 <sup>h</sup> 34 <sup>m</sup> .6	+ 6°14'	C3	RK	2006-J44
C/1996 X3	Dec. 5.629	16 56.8	-22 39	C2	RK	2006-C49
C/1996 X4	5.813	16 57.0	-22 36	C2/3	RK	2006-C49
C/1996 X5	5.908	16 56.3	-22 32	C2/3	RK	2006-C49

*COMETS C/1998 G9, 1998 L10, 1998 T2, 1998 W8 (SOHO)*

The following SOHO comets (Kreutz sungrazers except for Meyer-group member C/1998 G9) were all small and stellar in appearance (mag 7.5–8.0), except for C/1998 L10, which was very faint and slightly diffuse.

Comet	1998 UT	$\alpha_{2000}$	$\delta_{2000}$	Inst.	F	<i>MPEC</i>
C/1998 G9	Apr. 11.894	1 <sup>h</sup> 22 <sup>m</sup> .8	+10°12'	C2	RK	2006-J45
C/1998 L10	June 2.316	4 36.9	+20 17	C2	RK	2006-J45
C/1998 T2	Oct. 14.806	13 01.2	- 9 43	C3	RK	2006-J45
C/1998 W8	Nov. 30.064	16 24.5	-23 15	C3	RK	2006-J45