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*2002 GZ<sub>31</sub>*

K. S. Noll, Space Telescope Science Institute (STScI); W. M. Grundy, Lowell Observatory; S. D. Kern, STScI; H. F. Levison, Southwest Research Institute; and D. C. Stephens, Brigham Young University, report the detection of a binary companion to the transneptunian object 2002 GZ<sub>31</sub> (cf. *MPECs* 2002-K12, 2003-M16; *MPO* 66276). The observations were made during 2006 Apr. 23.352–23.377 UT with the High Resolution Camera of the Advanced Camera for Surveys on the Hubble Space Telescope, using the clear filters with one 300-s exposure at each of four dithered positions on the detector. The two components were separated by an angular distance of  $0''.070 \pm 0''.009$  and differ in brightness by 1.0 magnitude. The fainter component lies at a position angle of  $352^\circ \pm 10^\circ$  from the primary. The projected separation of the objects in the sky plane is  $2060 \pm 270$  km.

*COMETS C/2006 X3–X10 (SOHO)*

Additional comets have been found on SOHO website images (cf. *IAUC* 8813) — all Kreutz sungrazers except for C/2006 X10 (Meyer group). K. Battams notes that C/2006 X3, C/2006 X5, C/2006 X6, C/2006 X8, and C/2006 X9 were all extremely faint (mag  $\sim 8.5$ ). C/2006 X3, which was observed during a solar-particle storm that hit the SOHO spacecraft, appeared diffuse. C/2006 X4 was stellar in appearance and reached mag  $\sim 6$  in C3 images, while C2 images showed a hint of a very faint tail. C/2006 X5 was very diffuse and elongated. C/2006 X6 was tiny and slightly diffuse. C/2006 X7 was stellar in appearance in C3 images, of mag  $\sim 6.5$ , while C2 images showed it as slightly diffuse with a hint of a faint tail. C/2006 X8 was stellar in appearance. C/2006 X9, which was also found by R. Kracht, was a very diffuse blob. C/2006 X10 was stellar in appearance, reaching mag  $\sim 7.5$ .

Comet	2006 UT	$\alpha_{2000}$	$\delta_{2000}$	Inst.	F	<i>MPEC</i>
C/2006 X3	Dec. 9.567	17 <sup>h</sup> 06 <sup>m</sup> .8	−24°43′	C2	BZ	2007-C40
C/2006 X4	10.513	17 08.9	−26 51	C3/2	TS	2007-C40
C/2006 X5	10.550	17 11.4	−24 49	C2	MM	2007-C40
C/2006 X6	11.675	17 16.4	−24 53	C2	XG	2007-C40
C/2006 X7	11.988	17 17.0	−26 10	C3/2	HS	2007-C41
C/2006 X8	12.567	17 20.9	−24 55	C2	BZ	2007-C41
C/2006 X9	15.204	17 34.6	−25 01	C2	TH	2007-C41
C/2006 X10	15.479	17 30.3	−22 17	C2	RK	2007-C41