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V1647 ORIONIS

C. Aspin, Institute for Astronomy, University of Hawai'i (UH); C. Briceno, J. Downes, F. Hernandez, and R. Rojas, Venezuela National Astronomical Observatory (VNAO); and M. Nakano, Oita University, Japan, report the following optical observations from the VNAO 1-m Stock Telescope (in V and I bands) and the UH 2.2-m telescope on Mauna Kea (in r' and i' bands). On Sept. 11 UT, the young eruptive variable star V1647 Ori — emerging from conjunction with the sun — was observed to have magnitudes V = 18.00 ± 0.15, I = 14.55 ± 0.03, and $V-I$ = +3.45 ± 0.17. On Sept. 12 UT, V1647 Ori had magnitudes r' = 17.69 ± 0.05, i' = 15.85 ± 0.05, and $r'-i'$ = +1.84 ± 0.07. These values are close to the maximum values reached by V1647 Ori both soon after outburst in February 2004 (cf. *IAUCs* 8354, 8396, 8600) and during its subsequent brightening in September 2008 (cf. *IAUCs* 8968, 8969).

COMETS P/2009 QG_{31}, 226P, AND 227P

Comet P/2009 QG_{31} (cf. *IAUC* 9078) has been given the name "La Sagra" by the Committee on Small Bodies Nomenclature. Comet P/2009 R2 (= P/1783 W1 = P/2003 A1; cf. *IAUCs* 9072, 9073) has been assigned the permanent number 226P. Comet P/2009 S4 (= P/2004 EW_{38}; cf. *IAUC* 9077) has been assigned the permanent number 227P.

COMETS C/2009 F10, C/2009 G2–G6 (SOHO)

Further to *IAUC* 9077, additional Kreutz sungrazers have been found on SOHO website images. All were very diffuse except for C/2009 G2 (which was small and elongated, with a short, faint tail) and C/2009 G3 (which was small and condensed, peaking at mag ~ 7 in C3 images, though C2 images showed it to have a hint of a tail and a 'lump' suggestive of possible fragmenting). Approximate peak magnitudes in C2 images: C/2009 F10, 8–8.5; C/2009 G2, 7; C/2009 G4, 8.5; C/2009 G5 and C/2009 G6, 8.

Comet	2009	UT	α_{2000}	δ_{2000}	Inst.	F	*MPEC*
C/2009 F10	Mar.	30.038	$0^h43^m.5$	$+3^\circ09'$	C2	MU	2009-N29
C/2009 G2	Apr.	2.104	0 52.4	+ 3 52	C2	HS	2009-N30
C/2009 G3		2.113	1 04.4	+ 3 47	C3/2	BZ	2009-N30
C/2009 G4		4.646	1 03.9	+ 5 13	C2	AK	2009-N30
C/2009 G5		6.963	1 12.1	+ 6 02	C2	HS	2009-N30
C/2009 G6		10.329	1 24.6	+ 7 11	C2	BZ	2009-N30

2009 September 9 *Daniel W. E. Green*