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NOVA PUPPIS 2007

Alfredo Jose Serra Pereira, Carnaxide, Portugal, reports his discovery of an apparent nova (mag 7.0) during his regular visual patrol on Nov. 14.23 UT with 14×100 binoculars, the position given as $\alpha = 8^h16^m.2$, $\delta = -34^\circ 15'$ (equinox 2000.0); he had nova-hunted for 625.85 hr since his discovery of the 2001 nova V4740 Sgr (cf. *IAUC* 7706). Pereira adds that nothing was detected at this position in his visual searches during Nov. 6.23, 7.22, 8.23, 10.23, and 11.22 down to mag $\sim$ 8; additional monitoring during Nov. 14.243–14.256 also yielded mag 7.0. Following requests by the Central Bureau, CCD astrometry for the variable has been reported by J. E. McGaha (Tucson, AZ, U.S.A., 0.62-m *f*/5.1 reflector) and by J. Young and H. Rhoades (Table Mountain 0.61-m *f*/16 Cassegrain reflector). From his 1-s exposure on Nov. 14.411, McGaha measures $\alpha = 8^h16^m18^s.01$, $\delta = -34^\circ 15'24''.1$, red mag 6.5 (USNO-A2.0 reference-star catalogue). From four exposures "in surprisingly good seeing for the low altitude" on Nov. 14.47–14.48, Young measures average position end figures $17^s.99$, $25''.0$, mag 6.7 in a red filter (USNO-B1.0 reference-star catalogue); Young also estimated visual mag 6.4 at this time. Young adds that comparison with a red image from the Digitized Sky Survey shows only an extremely faint star (mag $\sim$ 20) at the same spot as the apparent nova (located in a fairly empty area surround by "a busy star field").

COMETS C/2007 Q8, C/2007 Q9, AND C/2007 R6–R8 (SOHO)

Further to *IAUC* 8893, additional Kreutz-sungrazing comets have been found on SOHO website images, their "discovery" observations tabulated below. C/2007 Q8, also found by R. Kracht, was bright (mag $\sim$ 4.5) and elongated. C/2007 Q9, which was also clearly visible in SECHHI HI-1B images for several hours, was also quite bright (mag $\sim$ 5.5) and slightly elongated. C/2007 R6 was very faint (mag $\sim$ 8) and slightly diffuse. C/2007 R7 and C/2007 R8 were stellar in appearance and faint (mag $\sim$ 7) in C3 images; C/2007 R7 appeared small, diffuse, and very faint in C2 images.

Comet	2007	UT	α_{2000}	δ_{2000}	Inst.	F	*MPEC*
C/2007 Q8	Aug.	28.596	$10^h05^m.2$	$+\ 8^\circ 30'$	C3	HS	2007-U35
C/2007 Q9		28.988	10 07.2	+ 8 26	C3	JS	2007-U35
C/2007 R6	Sept.	1.075	10 31.5	+ 8 00	C2	HS	2007-U35
C/2007 R7		8.321	10 52.2	+ 4 09	C3/2	HS	2007-U35
C/2007 R8		9.863	10 53.8	+ 4 32	C3	BZ	2007-U36

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