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V5585 SAGITTARII = NOVA SAGITTARII 2010

John Seach, Chatsworth Island, NSW, Australia, reports his discovery of an apparent nova on three 6-s CCD exposures (limiting mag 11) obtained on Jan. 20.72 UT (time corrected from that published on *CBET* 2140) with a Nikon D300 camera (+ 50-mm $f/1.4$ lens + orange filter), providing a position for the variable as $\alpha = 18^{\mathrm{h}}07^{\mathrm{m}}26^{\mathrm{s}}$, $\delta = -29°01'$ (equinox 2000.0); nothing is visible at this position on his images taken on 2009 Nov. 15.89 (limiting mag 11.5). Following posting on the Central Bureau's unconfirmed-objects webpage, S. Kiyota (Tsukuba, Japan) reports that CCD images taken on Jan. 22 with a 20-cm reflector (and Apogee Alta E47+ CCD camera) yield the following position end figures for the variable: $26^{\mathrm{s}}.79$, $00'42''.8$. Kiyota also provides the following magnitudes for the nova: Jan. 22.862, $V = 8.98$, $R_c = 8.38$; 22.864, $I_c = 7.78$. W. Vollmann, Vienna, Austria, reports that he measured green mag 9.3 from unfiltered images taken by H. Koberger (Vilaflor, Tenerife) with a digital SLR camera (+ 300-mm camera lens) on Jan. 22.287, adding that nothing is visible within $10''$ of its position on Digitized Sky Survey blue and red images to limiting mag ≈ 18. K. Nishiyama (Kurume, Fukuoka-ken, Japan) and F. Kabashima (Miyaki-cho, Saga-ken, Japan) report mag 8.5 and position end figures $26^{\mathrm{s}}.95$, $00'43''.6$ from five 5-s unfiltered CCD frames (limiting mag 15.0) taken around Jan. 23.892 using a Meade 0.40-m reflector (+ SBIG STL1001E camera). H. Maehara, Kwasan Observatory, Kyoto University, reports that a low-resolution spectrogram (range 400–800 nm), obtained on Jan. 23.887 with the 25-cm telescope of the Kwasan Observatory, shows Hα, Hβ, and Fe II emission lines, suggesting that this object is a "Fe II"-class nova. Additional details are given on *CBETs* 2140 and 2142. E. Kazarovets and N. N. Samus report that the GCVS designation V5585 Sgr has been assigned to this nova.

COMETS C/2009 M4 AND C/2009 M5 (SOHO)

Further to *IAUC* 9094, additional Kreutz sungrazers have been found on SOHO website images. C/2009 M4 was small and stellar in appearance (peak mag ~ 7) on C3 images, but quite diffuse (mag ~ 8.5) and elongated in C2 images. C/2009 M5 was very faint (mag ~ 8.5) and very diffuse.

Comet	2009 UT	α_{2000}	δ_{2000}	Inst.	F	*MPEC*
C/2009 M4	June 24.488	$6^{\mathrm{h}}04^{\mathrm{m}}.5$	$+21°06'$	C3/2	RK	2009-P02
C/2009 M5	25.038	6 07.6	+21 50	C2	BZ	2009-P02

2010 January 28 *Daniel W. E. Green*