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4U 0614+09 = V1055 Orionis

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SUPERNOVA 1993F IN ANONYMOUS GALAXY

C. Pollas reports his discovery of an apparent supernova of mag about 18.5 on two technical pan films (limiting mag 21-22) taken Jan. 18.97 and 20.94 UT by D. Albanese and himself with the 0.9-m Schmidt telescope at the Observatoire de la Cote d'Azur. The candidate, at R.A. = 7h54m26s.45, Decl. = +20 13'04".8 (equinox 1950.0), is superimposed on the nuclear region of a galaxy of mag 18, being roughly 0".6 east and 1".5 south of the galaxy's center. No such stellar image is present on a technical pan plate (similar limiting magnitude) obtained in 1990 January, though there is perhaps a condensation of mag about 20 nearly at the position of the supernova visible on an old film. A nearby star (mpg = 19) has end figures 20s.92, 14'17".7.

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S. Brandt, N. Lund, and A. J. Castro-Tirado, Danish Space Research Institute, report: "A new x-ray burst from the low-mass x-ray binary 4U 0614+09 has been detected by the WATCH all-sky monitor on the EURECA satellite. The burst started at Mar. 2.59408 UT and in 16 s reached a peak flux in excess of 20 Crabs in the energy band 6-15 keV. The burst was the second observed from this source within a two-week period and was about 50 percent brighter than the burst seen on Feb. 17 ([IAUC 5710](#)). A 4-sigma excess flux was also detected above 15 keV."

alpha ORIONIS

A. K. Dupree, E. Guinan, and M. Smith further report, in addition to the information on [IAUC 5716](#): "Photometry at Villanova on Feb. 28 UT suggests that alpha Ori has paused in its decline in brightness at V about +0.9. International Ultraviolet Explorer observations were acquired as a part of the ongoing monitoring program on Feb. 24. Radial velocity measurements in the H-alpha region continue at the McMath Solar Telescope at Kitt Peak."

CORRIGENDA

On [IAUC 5678](#), 'Supernova 1992bn in Anonymous Galaxy', line 5, for 1".2 east and 6".8 north read 1".2 west and 6".8 south

On [IAUC 5712](#), 'Corrigenda' for plates taken by M. J. Drinkwater read films taken by C. P. Cass