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Independent Discovery of an Apparent Nova in M31

ATel #9896; ***K. Hornoch (Astronomical Institute, Ondrejov, Czech Republic)***
on 23 Dec 2016; 03:01 UT
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Subjects: Optical, Nova, Transient

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We report the independent discovery of an apparent nova in M31 on a co-added 360-s R-band CCD frame taken on 2016 Dec. 23.033 UT with the Danish 1.54-m telescope at La Silla.

The object designated PNV J00424659+4116578 was first announced and designated AT2016ize by R. Belligoli et al. ([see here](#)) and is located at R.A. = 0h42m46s.59, Decl. = +41o16'57".8 (equinox 2000.0), which is 25.5" east and 49.3" north of the center of M31 (see link to discovery image below).

The following R-band magnitudes were obtained using the Danish 1.54-m telescope at La Silla:

2016 Dec. 18.045 UT, [20.1; 23.033, 16.73 ± 0.08.

This work is based on data collected with the Danish 1.54-m telescope at the ESO La Silla Observatory. We thank J. Vrstil for getting images on Dec. 18.045 UT.

[Discovery image](#)

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