

Accepted Manuscript

Mid-infrared spectra of comet nuclei

Michael S.P. Kelley, Charles E. Woodward, Robert D. Gehrz,
William T. Reach, David E. Harker

PII: S0019-1035(16)30772-2
DOI: [10.1016/j.icarus.2016.11.029](https://doi.org/10.1016/j.icarus.2016.11.029)
Reference: YICAR 12275

To appear in: *Icarus*

Received date: 13 October 2015
Revised date: 11 November 2016
Accepted date: 21 November 2016

Please cite this article as: Michael S.P. Kelley, Charles E. Woodward, Robert D. Gehrz, William T. Reach, David E. Harker, Mid-infrared spectra of comet nuclei, *Icarus* (2016), doi: [10.1016/j.icarus.2016.11.029](https://doi.org/10.1016/j.icarus.2016.11.029)



This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Highlights

- We observed two comet nuclei with the Spitzer Space Telescope.
- Spectral features are similar to those of D-type asteroids.
- Spectral features match those seen in the coma of some comets.
- Comets and Jovian Trojans likely have similar origins in the Solar System.

Download English Version:

<https://daneshyari.com/en/article/5487147>

Download Persian Version:

<https://daneshyari.com/article/5487147>

[Daneshyari.com](https://daneshyari.com)