

Accepted Manuscript

Investigation of Newly Discovered Lobate Scarps: Implications for the Tectonic and Thermal Evolution of the Moon.

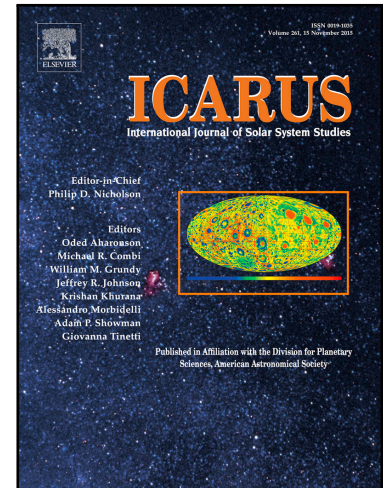
Jaclyn D. Clark , José M. Hurtado Jr , Harald Hiesinger ,
Carolyn H. van der Bogert , Hannes Bernhardt

PII: S0019-1035(17)30583-3
DOI: [10.1016/j.icarus.2017.08.017](https://doi.org/10.1016/j.icarus.2017.08.017)
Reference: YICAR 12570

To appear in: *Icarus*

Received date: 30 June 2015
Revised date: 3 July 2017
Accepted date: 4 August 2017

Please cite this article as: Jaclyn D. Clark , José M. Hurtado Jr , Harald Hiesinger , Carolyn H. van der Bogert , Hannes Bernhardt , Investigation of Newly Discovered Lobate Scarps: Implications for the Tectonic and Thermal Evolution of the Moon., *Icarus* (2017), doi: [10.1016/j.icarus.2017.08.017](https://doi.org/10.1016/j.icarus.2017.08.017)



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 for this manuscript:

- Absolute model ages ($\leq \sim 132\text{Ma}$) and crisp morphologies imply recent faulting.
- Average horizontal shortening across individual lobate scarps is ~ 126 m.
- Observations of faults may help constrain lunar thermal evolution models.
- Thrust faults are controlled by near surface material.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/5487342>

Download Persian Version:

<https://daneshyari.com/article/5487342>

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