



BULLETIN

THE JOURNAL OF
PRESERVATION TECHNOLOGY

Volume LII
Number 1

Published by Association for Preservation
Technology International

Association internationale pour la
préservation et ses techniques

Asociación Internacional para
Técnicas de Conservación del Patrimonio

APT Bulletin Editor and Advertising
Diana S. Waite, Editor
Elizabeth Marsh, Project Manager

Mount Ida Press
111 Washington Avenue
Albany, NY 12210
Tel.: 518-426-5935
Fax: 518-426-4116
Email: info@mountidapress.com

APT
PO Box 7317
Springfield, IL 62791
Tel.: 217-529-9039
Fax: 217-529-9120
www.apti.org

APT 2021 Annual Conference
Virtual Conference, Oct. 25–29

APT 2022 Annual Conference
Detroit, Mich., November

Articles from the *Bulletin* are copyrighted
and may be reproduced only with permis-
sion of the editor. Please submit requests in
writing to Diana S. Waite, Mount Ida Press,
111 Washington Ave., Albany, NY 12210, or
info@mountidapress.com.

Past issues of the *APT Bulletin* are available
on JSTOR. The *Bulletin* is indexed on APT's
website (www.apti.org), in the Getty Con-
servation Institute's Art and Architecture
Technical Abstracts, and in the Avery Index
to Architectural Periodicals.

Responsibility for the methods and/or ma-
terials described herein rests solely with the
contributors and should not be considered
official statements or endorsements of APT.

© 2021 by Association for Preservation
Technology International. ISSN 00449466.

Postmaster: Send address changes to APT,
PO Box 7317, Springfield, IL 62791.

Cover: Wupatki Pueblo, Flagstaff, Arizona, ca.
1100 CE and ca. 1220 CE. Photograph by
Caroline Dickensheets, 2018.

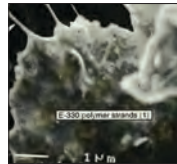
Printing: Fort Orange Press. Printed in U.S.A.

All *Bulletin* articles undergo peer review.

Performance Testing of Acrylic-Amended Earthen Mortars at Wupatki National Monument in Arizona

Caroline Dickensheets
Frank G. Matero

5



The Reassembly of the Rideau Street Convent Chapel in Ottawa

Harold Kalman

35

Testing the Flood Resilience of Traditional Building Assemblies

Jenifer Eggleston
Jennifer C. Parker
Mary F. Striegel
Peter B. Stynoski
Jennifer Wellock

15



Atlas Regained: Renewing a Modern Icon in Lima's World Heritage District

Rosabella Alvarez-Calderón
Silva-Santisteban
David N. Fixler

44

Practice Points 21: Specifying Mortars under ASTM C1713: Standard Specification for Mortars for the Repair of Historic Masonry

John Wathne
Follows page 26.



Editor's Note

Diana S. Waite

3

Building Technology Heritage Library

Mike Jackson

54

Book Reviews

Lesley Gilmore
Natascha Wiener
Book Review
Co-Editors

56

Directory of Advertisers

60

APT Membership Information

63