## BULLETIN OF GUNMA ARCHAEOLOGICAL RESEARCH FOUNDATION

2019.3 \_\_\_\_\_



## GUNMA ARCHAEOLOGICAL RESEARCH FOUNDATION

## **CONTENTS**

TANIFUJI Yasuhiko · · · · · · 1
Atypical Earthenware of the Early Jomon Period in Gunma Prefecture
ISHIMORI Akira·····2
Jadeite Bead Surface Collecion at Shimoimai Site, Isesaki City The Availavility as a Stone Whistle
OOKI Shinichirou · · · · · 33
Late Yayoi Period's Sites in the Agatsuma River Basin of Gunma Prefecture
TOMOHIRO Tetsuya · · · · · 53
There Were No Settlers in Gunma From a Perspective of Human Mobility and Interaction
TAKASHIMA Hideyuki · · · · · 71
Historical Significance of Ancient Inscribed Spindle Whorls Unearthed in the Tohoku and Kyushu Regions
IIMORI Yasuhiro·····9
The Siege of Matsuida Castle in Kōzuke Province and Its Peripheral Encampment in the 18th yea of Tensyō (A.D. 1590)
OONISHI Masahiro · · · · · 101
Basic Investigation of Ceramic Reeling Pans Produced in Shinshu Province Focusing on the Marusen-gumi and Hayashi-kogyo Companies
SEKI Kuniichi ······ 121
V roy CT Applyoic of Artifacta Uncortical at March Uncortical City Annalysis of Artifacta Uncortical at March 11

X-ray CT Analysis of Artifacts Unearthed at Kanai Higashiura Site ---An Attempt to Know and Visualize the Shape of Traces of Low-Density Organic Matter Including Strings Accompanying Unearthed Ironware ---