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Journal of the Royal Society of New Zealand

Publication details, including instructions for authors and subscription information: http://www.tandfonline.com/loi/tnzr20

Tephra studies in New Zealand: an historical review

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To cite this article: David J. Lowe (1990): Tephra studies in New Zealand: an historical review, Journal of the Royal Society of New Zealand, 20:1, 119-150

To link to this article: http://dx.doi.org/10.1080/03036758.1990.10426736

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Tephra Studies

John A Matthews

Tephra Studies:

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research There are lots of new articles and many of the articles that appeared in the first edition have been updated to reflect advances in knowledge since 2006 when the original articles were written The second edition will contain about 375 articles written by leading experts around the world This major reference work is richly illustrated with more than 3 000 illustrations most of them in colour Research in the Quaternary sciences has advanced greatly in the last 10 years especially since topics like global climate change geologic hazards and soil erosion were put high on the political agenda This second edition builds upon its award winning predecessor to provide the reader assured quality along with essential updated coverage Contains 357 broad ranging articles 4310 pages written at a level that allows undergraduate students to understand the material while providing active researchers with a ready reference resource for information in the field Facilitates teaching and learning The first edition was regarded by many as the most significant single overview of Quaternary science ever yet Editor in Chief Scott Elias has managed to surpass that in this second edition by securing even more expert reviews whilst retaining his renowned editorial consistency that enables readers to navigates seamlessly from one unfamiliar topic to the next New **Zealand Journal of Geology and Geophysics** ,1958-02 TephroArchaeology in the North Pacific Gina L. Barnes, Tsutomu Soda, 2019-03-31 TephroArchaeology from the Japanese kazanbai k kogaku lit volcanic ash archaeology refers to a sub discipline of archaeology developed in Japan in the last few decades This book brings into the English speaking world tephroarchaeological investigations by archaeologists in Japan whose results are usually only accessible in **Antarctic Journal of the United States** ,1989 Volcanoes in the Quaternary Callum R. Firth, 1999 A full **Tapanese** understanding of the complex interaction between volcanic activity and Quaternary environmental change requires the collaboration of both volcanologists and Quaternary scientists Volcanoes in the Quaternary brings together papers from workers in both fields and reflects the diversity of current research The papers are grouped geographically and focus on New Zealand's North Island the East African Rift Valley the Mediterranean and Iceland They cover the determination of eruptive chronologies discuss the impacts on local vegetation and society outline the importance of tephrostratigraphic records and provide detailed studies of hazard assessment Encyclopedia of Environmental Change John A Matthews, 2013-12-13 Accessibly written by a team of international authors the Encyclopedia of Environmental Change provides a gateway to the complex facts concepts techniques methodology and philosophy of environmental change This three volume set illustrates and examines topics within this dynamic and rapidly changing interdisciplinary field. The encyclopedia includes all of the following aspects of environmental change Diverse evidence of environmental change including climate change and changes on land and in the oceans Underlying natural and anthropogenic causes and mechanisms Wide ranging local regional and global impacts from the polar regions to the tropics Responses of geo ecosystems and human environmental systems in the face of past present and future environmental change Approaches methodologies and techniques used for reconstructing dating monitoring modelling projecting and predicting change Social economic and political dimensions of environmental

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