

# Elements

An International Magazine of Mineralogy, Geochemistry, and Petrology



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Present-day, salt patterns forming through mineral precipitation at the acidic, hydrothermal springs of Dalo, Ethiopia.

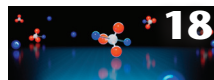
## Birth and Growth of Minerals from Aqueous Solutions

Guest Editors: **Alexander E. S. Van Driessche** and **Alejandro Fernandez-Martinez**



### A Mineral World

Alexander E.S. Van Driessche and Alejandro Fernandez-Martinez



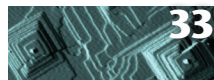
### Early Stages of Mineral Formation in Water: From Ion Pairs to Crystals

Mariette Wolthers, Denis Gebauer, and Raffaella Demichelis



### The Birth of Minerals: From Single Step to Multiple Step Mechanisms

Tomasz M. Stawski, Matteo Salvalaglio, Adam F. Wallace, and James J. De Yoreo



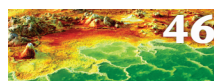
### How Minerals Grow: From Monomer-By-Monomer to Particle-Mediated Pathways

Jeffrey D. Rimer, R. Lee Penn, and Christine V. Putnis



### Pathways for Nucleation and Growth in Confined Spaces and at Interfaces

Benjamin A. Legg, Yandi Hu, Ayumi Koishi, and Michael Whittaker



### Natural Wonders Formed by Minerals

Electra Kotopoulou, Silvia Frisia, and Alexander E.S. Van Driessche

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