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**A Petrographic Atlas of an Ophiolite: An Example from the Eastern India–Asia Collision Zone.** Naresh Chandra Ghose, Nilanjan Chatterjee and Fareeduddin. Springer Geochemistry, India. 2014. 234 pp. Price: 142,79 € (ebook), 176,79 € (hardcopy). ISBN: 978-81-322-1568-4 (hardback); 978-81-322-1569-1 (ebook).

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The *Petrographic Atlas* documents a detailed structural and lithological description of the Indian ophiolite sequences across the India–Asia collision zone with particular focus on the Naga ophiolite complex. A wide variety of optical photomicrographs and Back Scattered Electron (BSE) images help to understand the textural signatures of different ophiolitic assemblages under collisional geodynamic settings. The up-to-date glossary and description of the scientific terms are also supportive in this context. In addition, the geological maps for

different ophiolite suites, along with the location index of different collected images, have enriched the acceptability of the book for further research.

The whole atlas is mainly divided into two parts. The first part includes 6 chapters. The first chapter describes the Oman ophiolites and the Troodos ophiolites in brief whereas chapter 2 deals with the basic outline of the ophiolite occurrences along the Indian plate margin (East, North, West portion). Chapter 3 focuses particularly on the geology of the Naga–ophiolite complex whereas the microstructural features and associated tectonic signatures of this ophiolite complex are documented in chapter 4. Following this, chapters 5 and 6 respectively describes the petrographic details and petrogenetic evolution of the Naga Hills ophiolites. The tables of the detailed petrographic descriptions are helpful in this atlas. Part-II, sequentially deals with the textural evolution of different

plutonic rocks based on photomicrographs and BSE images. A chronologically upward sequence is maintained for this description that starts from the peridotitic tectonites (chapter 7) and ends with the late Tertiary granite (chapter 27). The final chapter 28 addresses the issue of metamorphism of Nimi Formation within the Naga Hills.

Overall, this book on the Indian ophiolite sequence will not only improve the understanding of early-stage researchers about collision zone ophiolites, but also engages a wide range of geological and/or geophysical researchers to work in this area.

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