



Structure

Introduction

Landscape Origins

- **Volcanism**
 - Volcanic Landscape
- **Erosion – Deposition System**
 - Erosion – Deposition
- **Glaciation**
- **Tectonism**
- **Vegetation**
- **Human Impact**

Summary

Recommended Literature

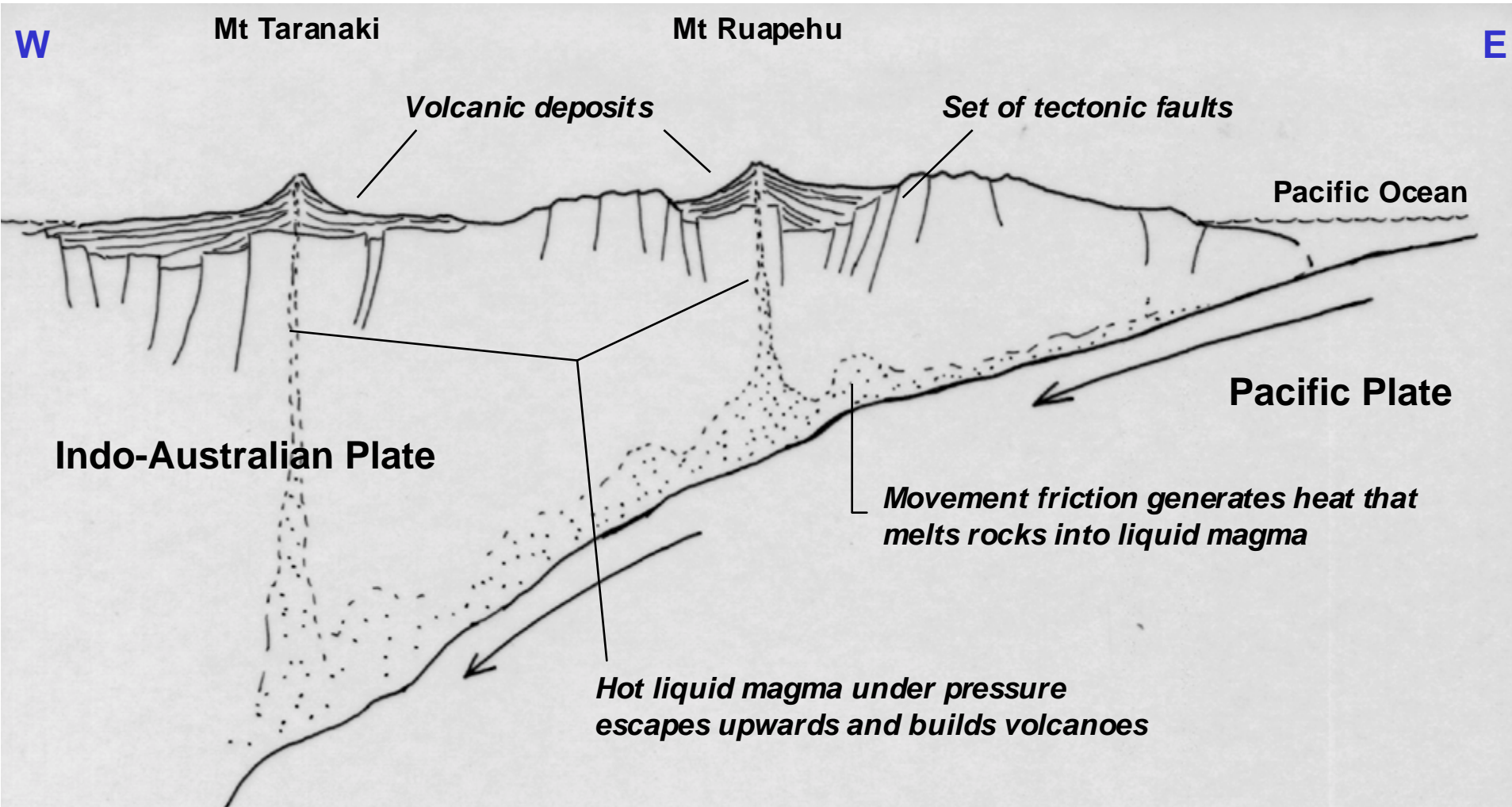
Acknowledgements



Emerald Lakes



Simplified diagram showing Earth crust movement resulting in volcanism





Mt Tongariro is also a multiple stratovolcano. Multiple means “of many vents and craters” therefore there are many hills, ridges and basins separating them





Detail of young lava flow erupted from Mt Ngauruhoe





Fragile alpine vegetation is also carried downhill by solifluction



solifluction lobes

Western slopes of Mt Tongariro



Further away from volcanic activity and at lower altitudes, dense bush covers the land making its own imprint on the landscape



Fern and rimu forest on the shores of Lake Rotopounamu - northern enclave of the TNP