

Contents

Foreword	v
Mark D. McFadden and Chad J. Pritchard	
1. Basement, belt, and batholith: Bedrock geology of the Idaho Panhandle	1
Richard Gaschnig, Reed S. Lewis, Andy Buddington, and Klementina Mato	
2. Unscrambling the Proterozoic supercontinent record of northeastern Washington State, USA	25
Daniel T. Brennan, Stephen E. Box, and Athena Eyster	
3. Paleontology, stratigraphy, and structural features of the lower bedded member of the Metaline Formation, Lafarge quarry, Metaline Falls, Washington, USA	59
Glen J. Schofield and Chad J. Pritchard	
4. Geologic and anthropologic history of Riverfront Park, Spokane, Washington, USA	67
C.J. Pritchard, T. Morton, J. Imel, S. King, B. Vandenhaak, and S. Warren	
5. Stratigraphy, eruption, and evolution of the Columbia River Basalt Group	81
Evan R. Soderberg, Rachelle Hart, Victor E. Camp, John A. Wolff, and Arron Steiner	
6. Uncovering a Miocene forest in ancient Lake Clarkia and beyond	123
Renee L. Love, Lindsay MacKenzie, and Ian Spendlove	
7. Elbow tectonics: Smashing, translating, and rotating outboard terranes of the Syringa embayment of the Laurentian accretionary margin	139
Russell V. Di Fiori, Cody J. Steven, Ellen M. Nelson, Basil Tikoff, and Keegan L. Schmidt	
8. Ice Age megafloods through the Cheney-Palouse Scabland Tract, eastern Washington, USA	177
Bruce N. Bjornstad, Eugene P. Kiver, and Chad J. Pritchard	
9. Mesoproterozoic Belt basin transect from Rogers Pass, Montana, to Sandpoint, Idaho, USA: Constraints for Proterozoic supercontinents and geomagnetism	217
James W. Sears and Stuart Parker	
10. Arc versus river—The geology of the Columbia River Gorge (abstract)	239
Jim E. O'Connor, Ray E. Wells, Scott E.K. Bennett, Charles M. Cannon, Lydia M. Staisch, James L. Anderson, Anthony F. Pivarunas, Gabriel W. Gordon, Richard J. Blakely, Mark E. Stelten, and Russell C. Evarts	