

Response to editor:

We thank the editor, Jens Turowski, for suggesting a body of literature that was previously missing from our manuscript. We believe the revised manuscript does better justice to the existing research on bedrock river meanders in both the highlighted sections.

Of particular interest to us was Moore (1926), which specifically detailed many of the stretches of the San Juan River which we studied. As mentioned by Turowski, Moore posited higher lateral migration with increasing bed cover as well as the relative strength of the lithology forming the bank, noting that once rivers encountered more erodible rock the meanders were “effectively obliterated”. This corresponds very well with our observations of in the area surrounding our sampling sites and are glad to be able to give proper credit to Moore’s work.

We have amended Line 90 and Section 5.3 to include the majority of the suggested references and give better context to the history of thinking on lateral migration in bedrock channels. Thank you for the suggestions!