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Hydrol. Earth Syst. Sci. Discuss., community comment CC1
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Comment on hess-2020-680

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Community comment on "Insights into the isotopic mismatch between bulk soil water and *Salix matsudana* Koidz trunk water from root water stable isotope measurements" by Ying Zhao and Li Wang, Hydrol. Earth Syst. Sci. Discuss., https://doi.org/10.5194/hess-2020-680-CC1, 2021

The separation between mobile water and bulk soil water isotopic signals have been widely observed in previous studies, and named "two water worlds". This study mainly focused on the isotopic dynamics in the soil-root-xylem continuum. The result indicated that isotopic offset occurred at the interface between the soil and plant stem roots. The author attribute this to combination of plant fractionation and "two water worlds" separation of bound and mobile soil water. This study is interesting on isotopic dynamics in the soil-root-xylem continuum and provide valuable insights into fundamental ecohydrological process