

*Research article*

## **Degradability, rumen fermentation, and rumen microbiota of livestock rations containing different levels of *Azolla pinnata***

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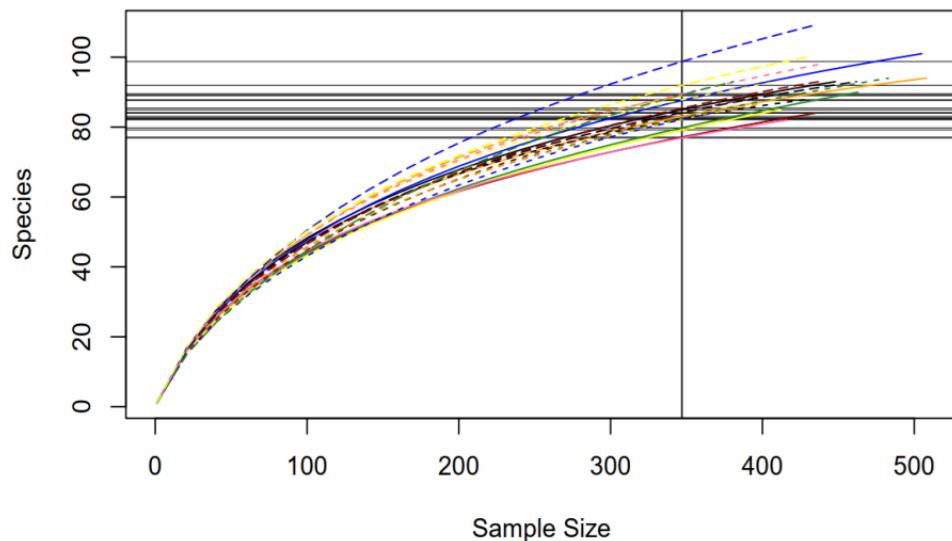
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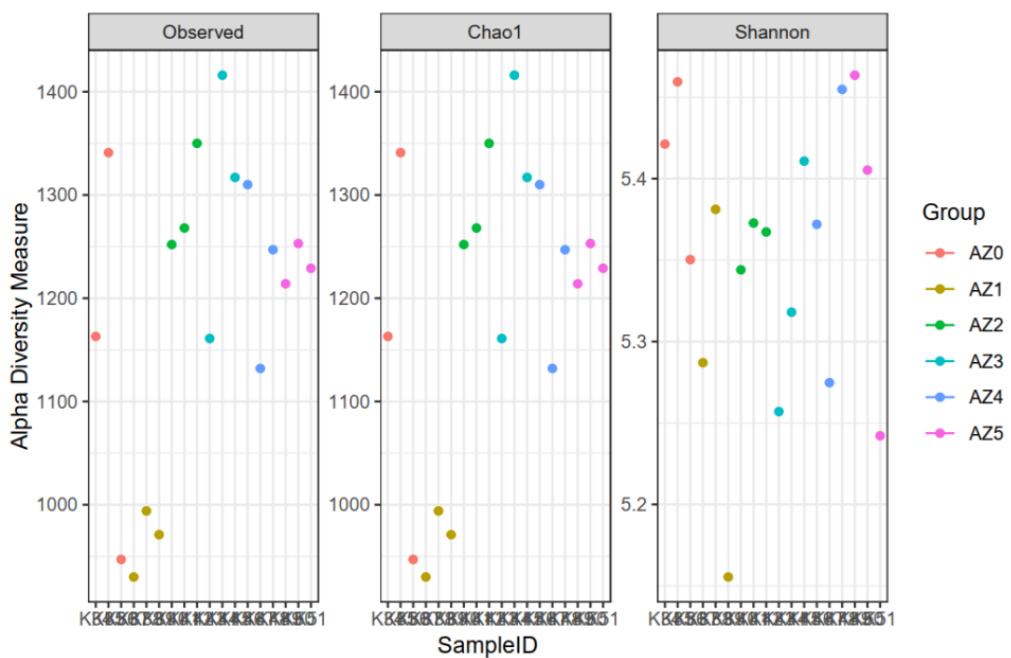
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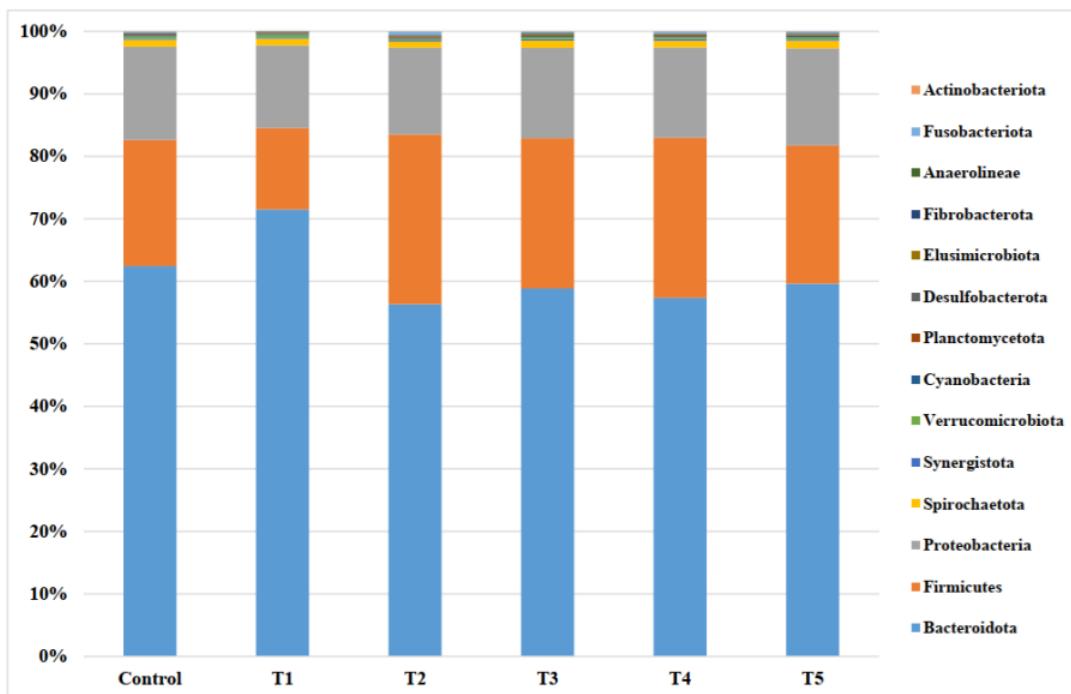
## Supplementary



**Figure S1.** Rarefaction analysis of microbial communities associated with rations with different levels of *azolla*.



**Figure S2.** Alpha diversity indices of microbial communities associated with ration supplemented with different levels of *azolla*. Control group (AZ0), T1 group supplemented with 10% *azolla* of CFM (AZ1), T2 group supplemented with 20% *azolla* of CFM (AZ2), T3 group supplemented with 30% *azolla* of CFM (AZ3), T4 group supplemented with 40% *azolla* of CFM (AZ4), and T5 group supplemented with 50% *azolla* of CFM (AZ5).



**Figure S3.** The relative abundances (%) of bacterial phyla associated with the ration supplemented with different levels of *azolla*. Non-supplemented ration (Control), T1 group supplemented with 10% *azolla* of CFM, T2 group supplemented with 20% *azolla* of CFM, T3 group supplemented with 30% *azolla* of CFM, T4 group supplemented with 40% *azolla* of CFM, and T5 group supplemented with 50% *azolla* of CFM.



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