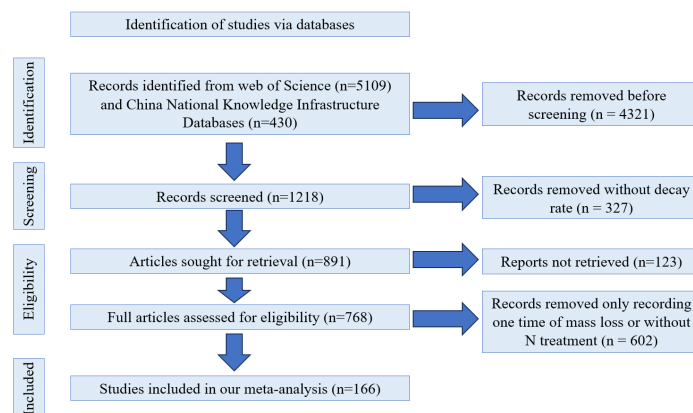
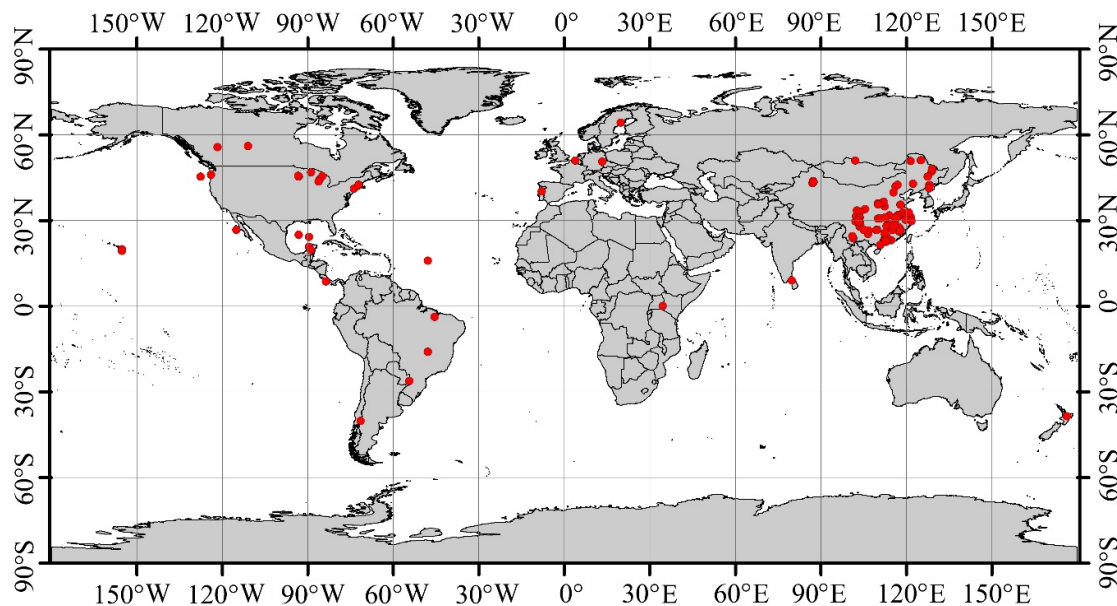


## Supporting information for

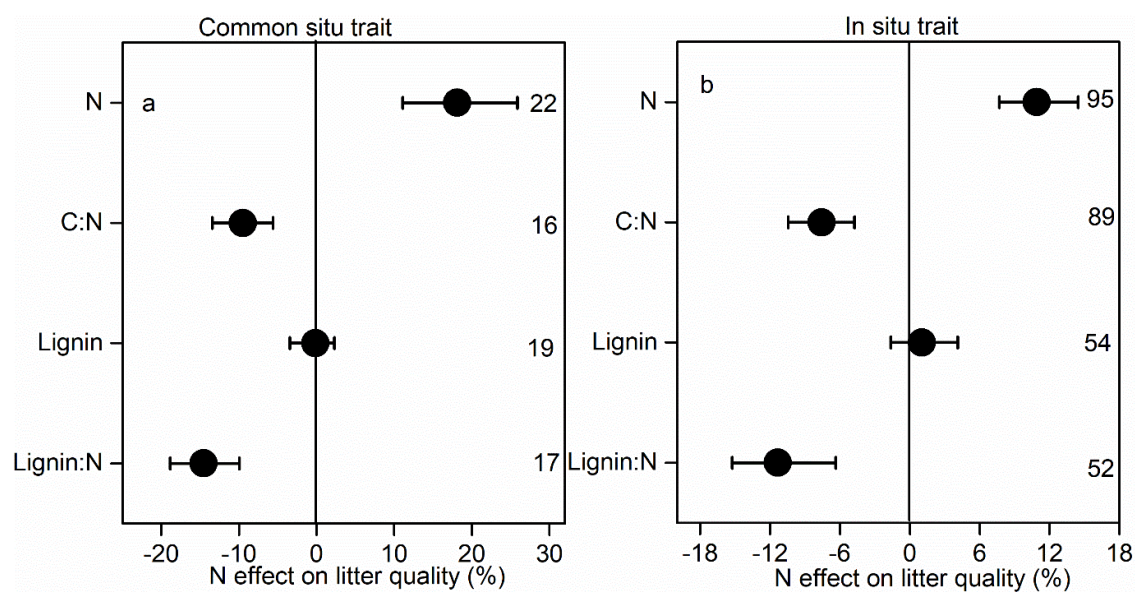
### Responses and controlling factors of litter decay rate to nitrogen addition across global forests: A meta-analysis



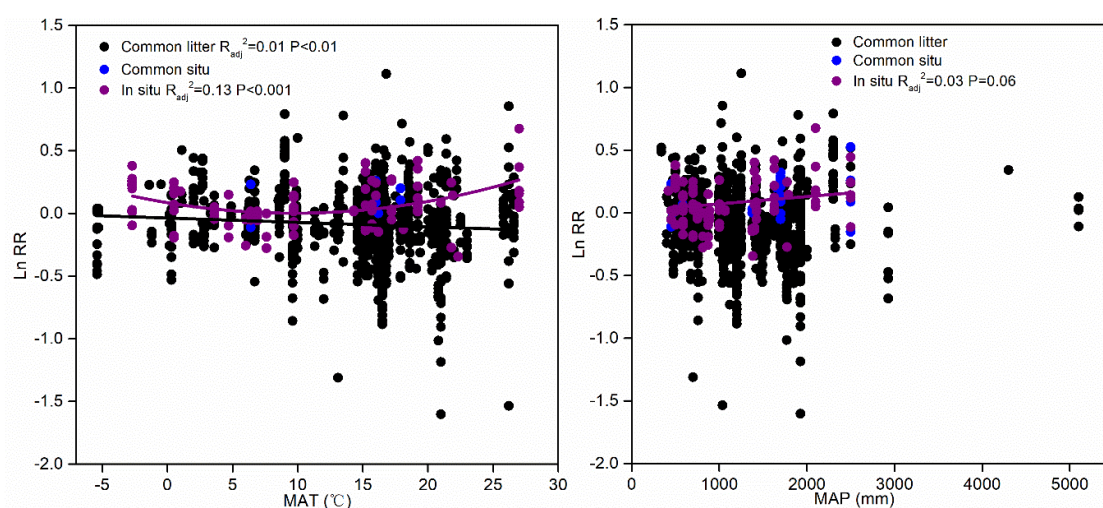
**Figure S1** PRISMA 2020 standards for study selection in this meta-analysis.



**Figure S2** Distribution of N addition traits included in this meta-analysis in Chinese grasslands.



**Figure S3** N addition effect on litter quality in common soil traits and in situ decay trait.



**Figure S4** Relationships between effect size of litter decay rate ( $\ln RR$ ) and MAT (a) and MAP (B) in the three kinds of decay trait.