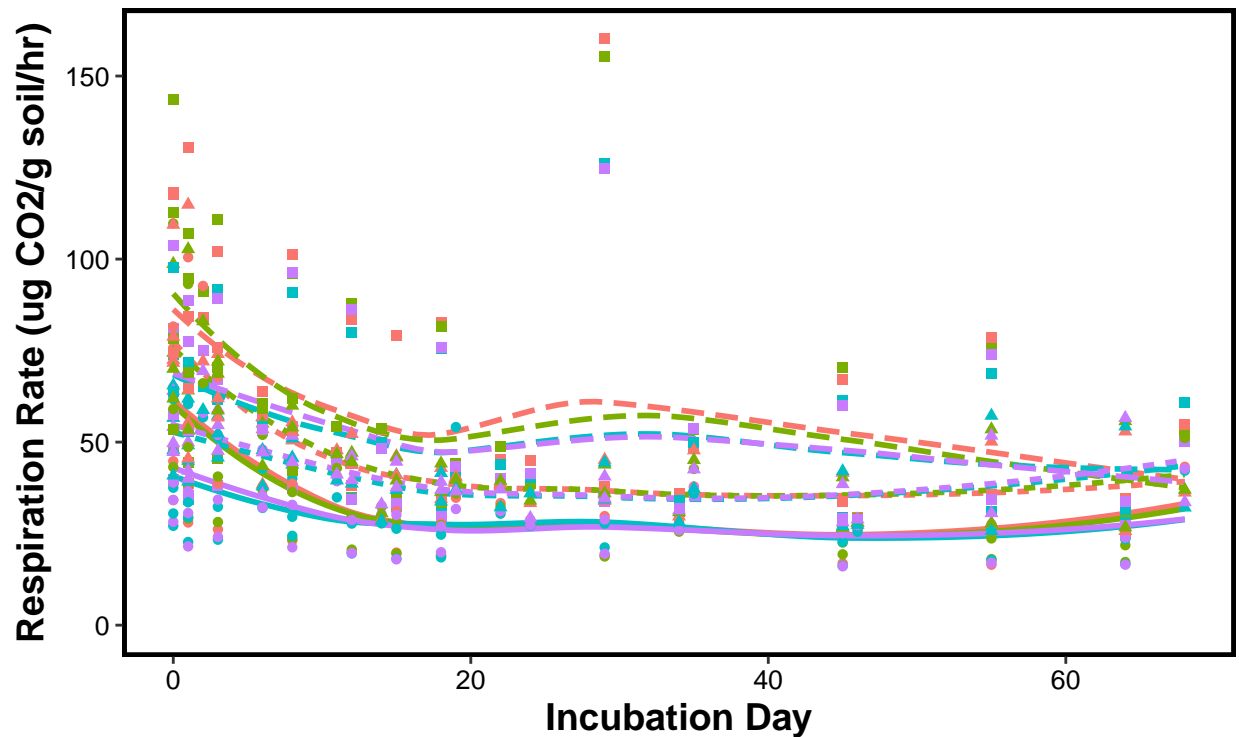


# Holmon Grazing x Litter Incubation

*Kenna Rewcastle*

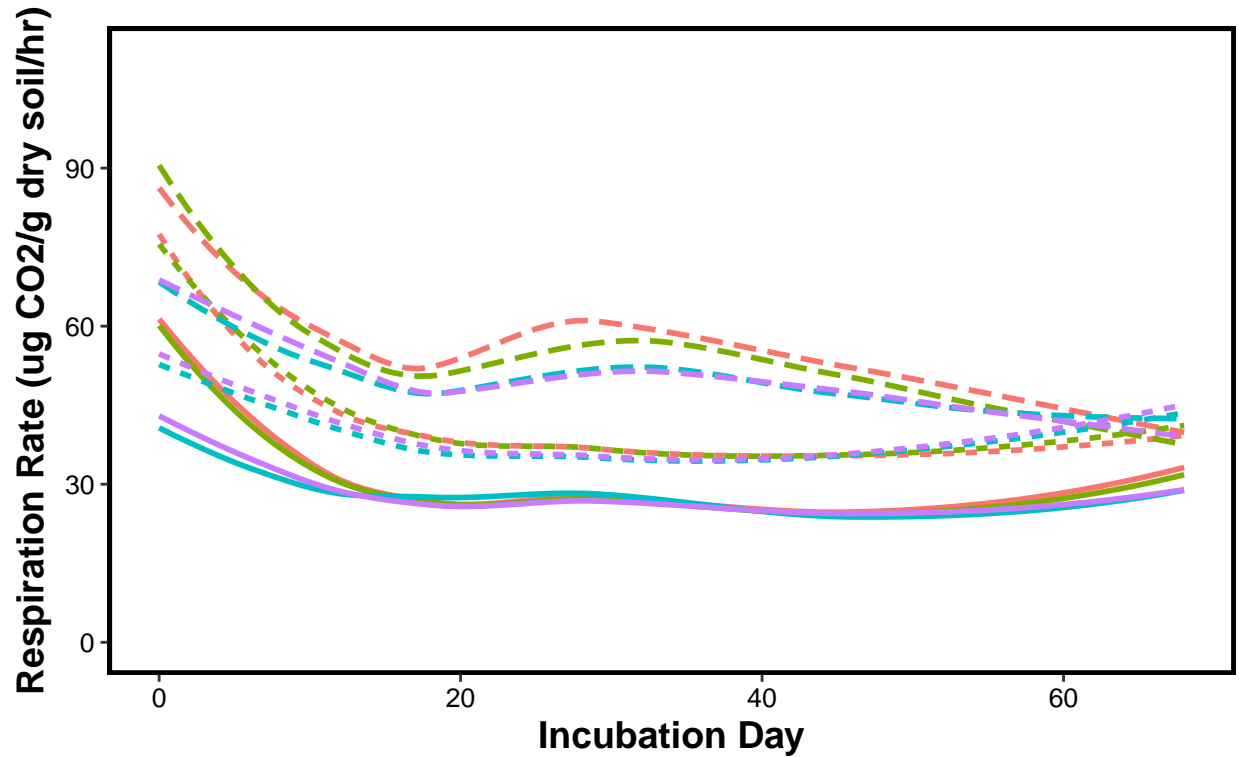
Respiration rate over the course of the incubation. Line color corresponds to type of litter added, while linetype corresponds to grazing treatment. All 12 treatments were averaged across 4 replicates; lines were plotted using loess smoothing. It appears that lines are grouped by grazing treatment, meaning that grazing treatment has a stronger influence over microbial activity than does type of litter added.

Added — Aspen — Empetrum — Lichen — Moss      Grazing Cond. — Grazed — Moss-Dominate



```
## `geom_smooth()` using method = 'loess'
```

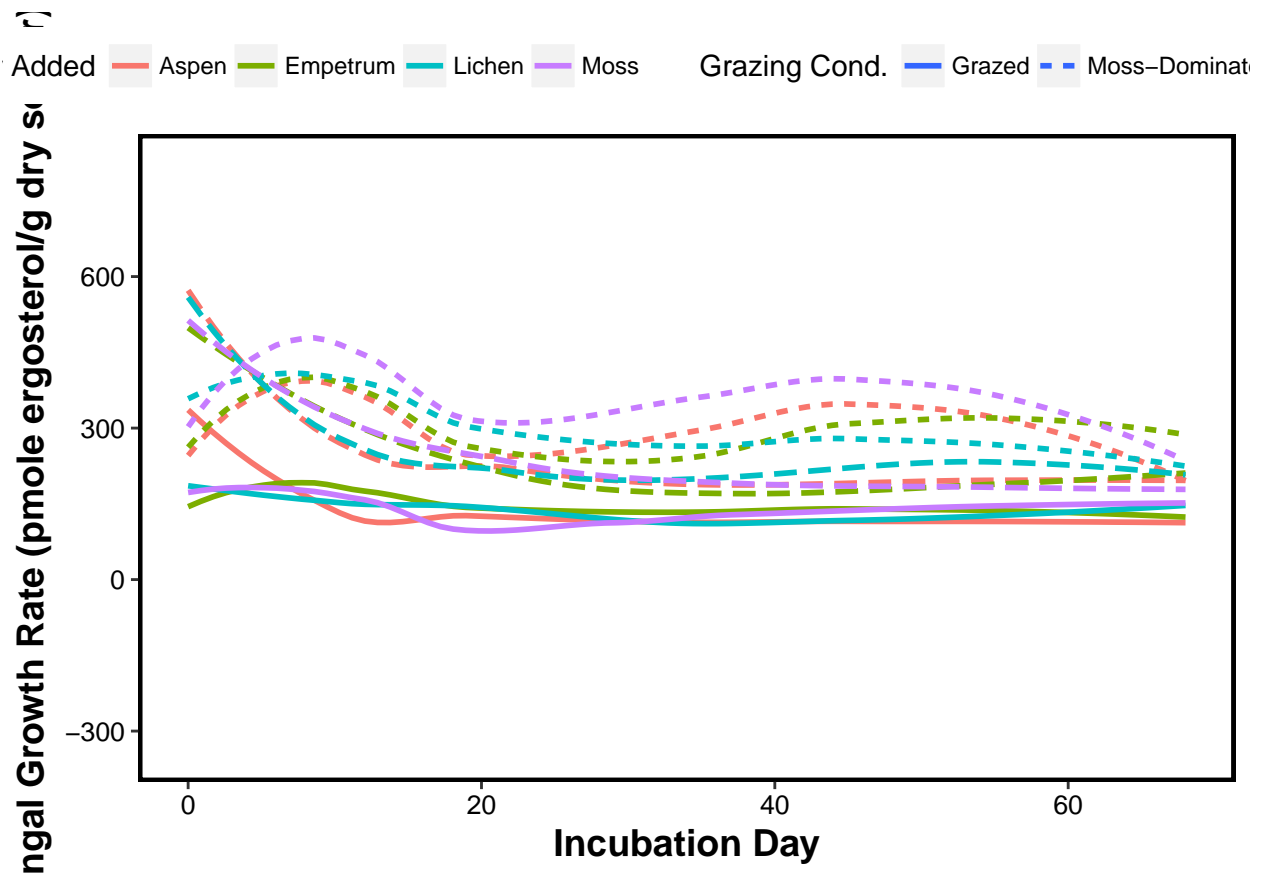
Added Aspen Empetrum Lichen Moss Grazing Cond. Grazed Moss-Dominate



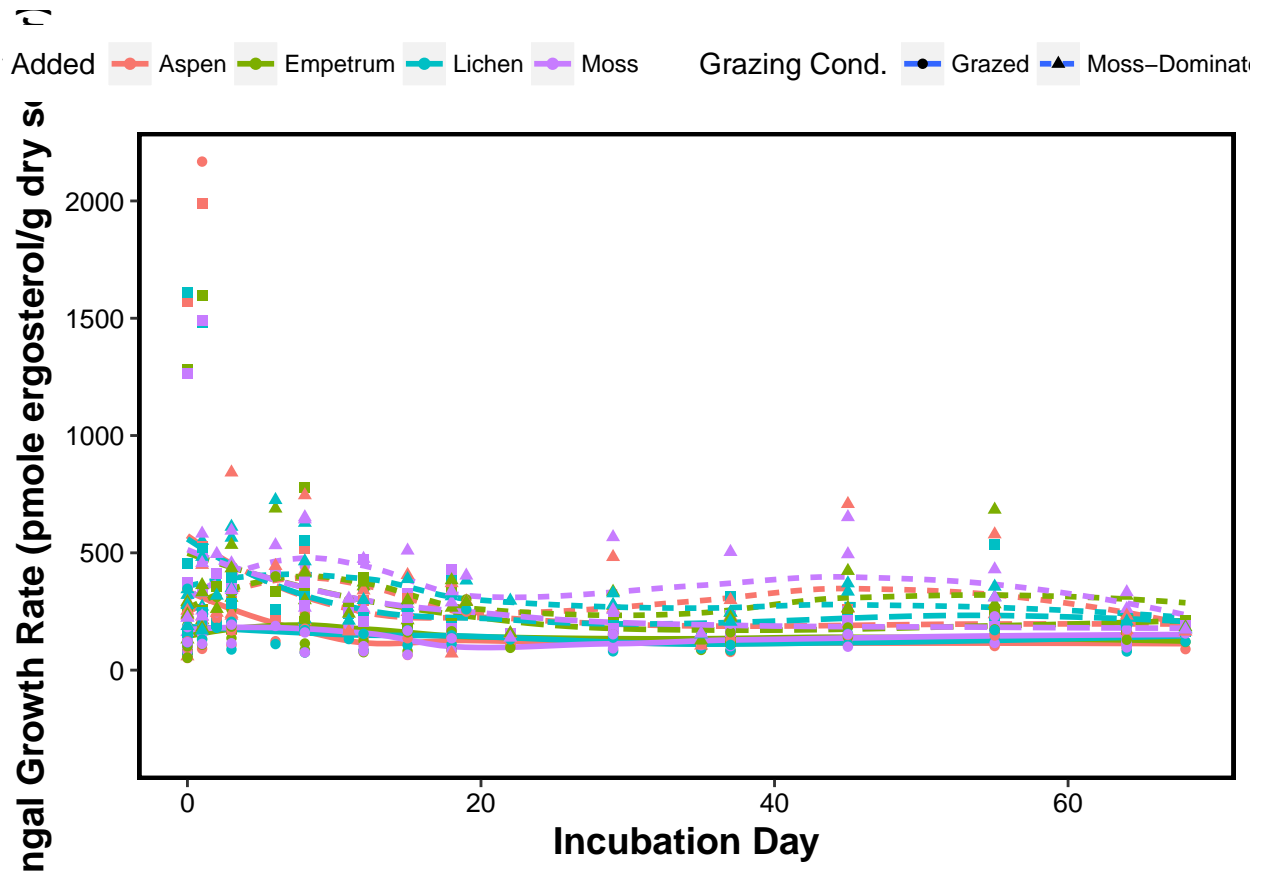
Fungal growth rate over the course of the incubation. Line color corresponds to type of litter added, while linetype corresponds to grazing treatment. All 12 treatments were averaged across 4 replicates; lines were plotted using loess smoothing. Fungal growth also seems to group by grazing treatment, though there is a great deal of noise in the first few samplings points.

```
## `geom_smooth()` using method = 'loess'
```

```
## Warning: Removed 60 rows containing non-finite values (stat_smooth).
```



```
## `geom_smooth()` using method = 'loess'
## Warning: Removed 60 rows containing non-finite values (stat_smooth).
## Warning: Removed 60 rows containing missing values (geom_point).
```



Bacterial growth rate over the course of the incubation. Line color corresponds to type of litter added, while linetype corresponds to grazing treatment. All 12 treatments were averaged across 4 replicates; lines were plotted using loess smoothing. Fungal growth also seems to group by grazing treatment, though there is a great deal of noise in the first few samplings points.

```
## `geom_smooth()` using method = 'loess'
```

