| Phylum            | Class        | Order      | 15°C | 25°C | 35°C |
|-------------------|--------------|------------|------|------|------|
|                   |              |            | CK   | SM   | CK   | SM   | CK   | SM   |
| Ascomycota        | Sordariomycetes | Sordariales | 73.2ab | 67.1A | 81.9A | 70.4A | 83.1A | 78.3bA |
|                   |              | Hypocreales | 43.5A | 38.6A | 46.4A | 43.5A | 44.8A | 43.6A |
|                   |              | Xylariales  | 11.7aB 15.3aB | 15.4aB | 14.8aB | 22.6aA | 28.4aA |
| Incertae sedis    |              |            | 25.1A | 15.9aA | 23.4aA | 21.8aA | 20.0aA | 13.3bA |
| Eurotiomycetes    |              |            | 1.64aA | 1.35aA | 1.83aA | 1.41aA | 0.225aB | 0.0928aB |
|                    |              |            | 2.07aB | 1.85aB | 4.13aAB | 5.43aA | 6.18aA | 6.55aA |
| Dothideomycetes   |              |            | 2.45aA | 4.28aA | 3.02aA | 1.81aA | 4.17aA | 2.35aA |
|                    |              | Eurosperales | 1.15A | 2.81A | 1.93aA | 1.15aB | 3.19aA | 1.31AB |
|                    |              |            | 4.19A | 6.62aA | 5.50aA | 3.72aB | 2.35aA | 1.73cA |
| Pleosporales      |              |            | 2.43bA | 5.52aA | 3.69aA | 3.07bA | 1.87aA | 1.50bA |
| Pezizomycetes     |              |            | 0.865aA | 1.11aA | 1.28aA | 0.333aA | 0.805aA | 0.543aA |
| Lecanoromycetes   |              |            | 0.818aA | 0.925aA | 0.528aAB | 0.480aA | 0.362A | 0.480A |
| Zygomycota        |              |            | 5.50bA | 9.38aA | 6.20bA | 7.49aA | 4.41bA | 5.44aA |
| Incertae sedis    |              |            | 5.50bA | 9.38aA | 6.20aA | 7.49aA | 4.41aA | 5.44aA |
| Mortierellales    |              |            | 5.17bA | 8.02aA | 5.91aA | 4.69aA | 4.13aA | 3.74aA |
| Basidiomycota     | Tremellomycetes |            | 4.77bA | 12.7aAB | 6.92bA | 14.2aA | 7.93A | 8.09B |
|                   | Agaricomycetes |            | 2.25aB | 2.29aB | 2.92aAB | 3.14aAB | 4.40aA | 5.71aA |
| Agaricales        |              |            | 2.02bA | 8.92aA | 3.52bA | 10.7aA | 3.23A | 1.87B |
|                   |              |            | 1.33aA | 3.79aA | 1.79aA | 4.86aA | 1.05aA | 1.03aA |
| Cantharellales | 0.359bA | 3.95aAB | 1.25bA | 5.30aA | 1.84aA | 0.331aB |
|---------------|---------|---------|--------|--------|--------|---------|

a CK: no mulching; SM: straw mulching
b Numbers followed by different lowercase letters within a row between straw mulching and no mulching are significantly different at \( P=0.05 \) by the least square means test.
c Numbers followed by different uppercase letters within a row at different incubation temperatures are significantly different at \( P=0.05 \) by the least square means test.