Taxonomic and Functional Dynamics during Chytrid Epidemics in an Aquatic Ecosystem

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Supporting Information 1. Physical parameters of Lake Pavin on sampling dates - oxygen concentration and temperature

| Depth (m) | Oxygen concentration (%) | Temperature (°C) |
|-----------|---------------------------|------------------|
|           | April 26, 2013 | May 6, 2013 | May 13, 2013 | May 21, 2013 | May 26, 2013 | April 26, 2013 | May 6, 2013 | May 13, 2013 | May 21, 2013 | May 26, 2013 |
| 0         | 95.2 | 95.6 | 91.2 | 95.5 | 86.6 | 9.5 | 10.2 | 10.2 | 7.9 | 11.6 |
| 1         | 96.5 | 96 | 100.6 | 95.6 | 95.2 | 9.2 | 9.9 | 10 | 8.2 | 8.5 |
| 2         | 98.2 | 98.3 | 99.5 | 95.9 | 95.5 | 6.8 | 9.9 | 9.9 | 8.2 | 8.3 |
| 3         | 99 | 98.8 | 106.5 | 96 | 95.6 | 6.3 | 9 | 9.1 | 8.3 | 8.2 |
| 4         | 98.8 | 101.3 | 106.4 | 96.3 | 95.7 | 6 | 8.1 | 8.7 | 8.3 | 8.2 |
| 5         | 97.7 | 104.1 | 107.9 | 96.1 | 95.5 | 5.6 | 6.8 | 7.9 | 8.3 | 8 |
| 6         | 97.4 | 103.4 | 110.6 | 98.1 | 95.2 | 5 | 5.8 | 6.6 | 8.2 | 8 |
| 7         | 91.7 | 101.8 | 105.4 | 104.9 | 95.1 | 5.1 | 5.5 | 5.8 | 6.5 | 8 |
| 8         | 89.7 | 100 | 99.6 | 103 | 96.6 | 5 | 5.4 | 5.3 | 5.8 | 7.8 |
| 9         | 86.8 | 95.8 | 93.8 | 99.8 | 105.1 | 4.9 | 5.2 | 5.2 | 5.7 | 6 |
| 10        | 82.8 | 89.2 | 89.5 | 93.4 | 90 | 4.8 | 5 | 5.1 | 5.3 | 5.3 |
| 11        | 80.5 | 83.8 | 84.8 | 87.4 | 87.3 | 4.7 | 4.9 | 5 | 5.1 | 5.1 |
| 12        | 79.5 | 79 | 80.2 | 81.1 | 83.1 | 4.7 | 4.8 | 4.9 | 5 | 5.1 |
| 13        | 77.2 | 75.8 | 77 | 78.5 | 82 | 4.5 | 4.7 | 4.7 | 4.8 | 4.9 |
| 14        | 76.5 | 74.4 | 76 | 75.1 | 80.2 | 4.5 | 4.6 | 4.7 | 4.7 | 4.8 |
| 15        | 75.8 | 73.6 | 74.4 | 74 | 75.2 | 4.5 | 4.5 | 4.5 | 4.6 | 4.7 |
| 16        | 74.8 | 72.8 | 72.8 | 73.7 | 75.9 | 4.4 | 4.5 | 4.5 | 4.6 | 4.6 |
| 17        | 74.1 | 72 | 71.5 | 71.3 | 74.1 | 4.3 | 4.5 | 4.4 | 4.5 | 4.6 |
| 18        | 73.1 | 71 | 70.3 | 70.8 | 72.3 | 4.3 | 4.4 | 4.3 | 4.4 | 4.5 |
| 19        | 72.8 | 68.9 | 69.4 | 69.6 | 71.5 | 4.3 | 4.3 | 4.2 | 4.4 | 4.4 |
| 20        | 71.7 | 68 | 68.7 | 68.6 | 69.5 | 4.3 | 4.2 | 4.2 | 4.2 | 4.3 |
| 21        | 70.8 | 65.3 | 69 | 66.7 | 65.6 | 4.2 | 4.1 | 4.2 | 4.1 | 4.1 |
| 22        | 69.9 | 64.3 | 64.8 | 64.8 | 64.5 | 4.2 | 4 | 4 | 4 | 4 |
| 23        | 69.2 | 63.8 | 63.1 | 63.3 | 63.3 | 4.1 | 4 | 3.9 | 4 |
| 24        | 68.5 | 69.6 | 61.4 | 62.5 | 62.5 | 4.1 | 4 | 3.9 | 3.9 |
| 25        | 67 | 61.2 | 60.4 | 61.7 | 61.7 | 4.1 | 3.9 | 3.9 | 3.9 |
| 26        | 65.7 | 60.6 | 60.3 | 61.2 | 61.2 | 4 | 3.9 | 3.9 | 3.9 |
| 27        | 65.2 | 59.7 | 59.8 | 60.5 | 60.5 | 4 | 3.9 | 3.8 | 3.9 |
| 28        | 64 | 59 | 59.4 | 59.3 | 59.3 | 3.9 | 3.8 | 3.8 | 3.9 |
| 29        | 63.2 | 58.3 | 58.7 | 59.1 | 59.1 | 3.9 | 3.8 | 3.8 | 3.8 |
| 30        | 62.6 | 57.9 | 58.1 | 58.6 | 58.6 | 3.9 | 3.8 | 3.8 | 3.8 |