



**Figure S3. Photosynthetically active radiation by time and lake.** Measurements of photosynthetically active radiation collected just below the surface of the water prior to each RNA collection event guided our decision to categorize samples collected at 9:00, 13:00, and 17:00 as "day" and samples collected at 21:00, 5:00, and 1:00 as "night". Sunrise and sunset times for each lake are reported in Table 1.