**Search for Thermophiles**

**Descriptive Data for Five (Hydrothermal features) Hot Springs in Yellowstone National Park**

Table 1. Descriptive data for five hot springs in Yellowstone National Park

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Geyser Basin Location** | **Name of Hot Spring** | **Description of Hot Spring** | **Temperature (**$°$**C and °F)** | **pH** |
| Norris Geyser Basin | Green Dragon Spring | Highly acidic sulfate-chloride spring | 66-73$°$C151-163°F | ~3 |
| Mammoth Hot Springs | Palette Spring Terraces | Outside the caldera boundary. Water comes from Norris Geyser Basin | 70-73$°$C158-163°F | 6-8 |
| Gibbon Geyser Basin | Chocolate Pots | An exemplary model for iron-depositing hot springs | 40-55$°$C104-131°F | 6-8 |
| Norris Geyser Basin | Lemonade Creek | Warm-water creek that empties into Norris Geyser Basin | 40-55$°$C104-131°F | 0-4 |
| Upper Geyser Basin | Morning Glory Pool | Distinct blue color in center of pool | 68-70$°$C154-158°F | 5-6 |