Appendix 1 Ecological Data Sheet

| Site | Date | Time | Temp (°C) | Depth (m) | Secchi (m) | Turbidity (NTU) | Conductivity (µS/cm) | Salinity (ppt) | Dissolved Oxygen (mg/L) | Dissolved Oxygen (%) | Chlorophyll a (µg/L) | Phosphate (mg/L) | Nitrate (mg/L) | Ammonia (mg/L) | Total Phosphorus (mg/L) | Total Nitrogen (mg/L) | Phytoplankton Abundance (cells/mL) | Phytoplankton Dominant Species | Zooplankton Abundance (ind/L) | Zooplankton Dominant Species | Benthic Macroinvertebrate Abundance (ind/m²) | Benthic Macroinvertebrate Dominant Species | Macrophyte Abundance (%) | Macrophyte Dominant Species |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |

Appendix: Complete Data Table

| | | |

# Mapping Cross-Cultural Systems and Exchanges

| | | |

# Appendix: Full Results for Table 2

| Model | Prompt | Temperature | Top-p | Max Tokens | Seed | Accuracy | Correct | Total | Time (s) | Cost ($) |
|---|---|---|---|---|---|---|---|---|---|---|
| [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] |