**File**:

abundance\_dat.csv

**Description**:

Data collected from Fort Leonard Wood, Missouri on the abundance of amphibian larvae captured in each surveyed pond on each survey date.

**Variables**:

Pond: Pond name/ID

Date: Date of data collection

Effort: Total number of traps deployed and dipnet sweeps used to collect amphibian larvae

Quantity: Total number of larvae collected

Area: Pond area in square meters

Canopy: Percent canopy cover over a pond, collected with a spherical densitometer

Fish: Presence of fish in a pond

hydroperiod: 1 = ephemeral, fills and dries multiple times a year; 2 = summer, dries once during most summers; 3 = semi-permanent, dries in drought years; 4 = permanent

Year: categorical variable indicating the year that data was collected

HabTotal: Total number of different habitat types (e.g., cattail, sedges, emergent vegetation, etc) present at a pond

dense.peak: 1 = observation contributes to the estimated peak in modeled density; 0 = observation does not contribute to the modeled peak in density.

**File**:

Richness\_diversity\_dat.csv

**Description**:

Data collected from Fort Leonard Wood, Missouri on the richness and diversity of amphibian larvae cat each pond.

**Variables**:

Pond: Pond name/ID

rich: Raw estimate of species richness

shan: Untransformed Shannon diversity estimate

Effort: Total number of traps deployed and dipnet sweeps used to collect amphibian larvae

Area: Pond area in square meters

Canopy: Percent canopy cover over a pond, collected with a spherical densitometer

Fish: Presence of fish in a pond

hydroperiod: 1 = ephemeral, fills and dries multiple times a year; 2 = summer, dries once during most summers; 3 = semi-permanent, dries in drought years; 4 = permanent

Year: categorical variable indicating the year that data was collected

HabTotal: Total number of different habitat types (e.g., cattail, sedges, emergent vegetation, etc) present at a pond

rich.peak: 1 = observation contributes to the estimated peak in modeled richness; 0 = observation does not contribute to the modeled peak in richness.

div.peak: 1 = observation contributes to the estimated peak in modeled diversity; 0 = observation does not contribute to the modeled peak in diversity.