**Table Legends**

**Table 1**. Summary of fishes sampled and assigned feeding domains. Feeding domains of each taxa informed by literature listed.

**Figure Legends**

**Figure 1**. Abundance of each species sampled- A visual representation of data from Table 1. This figure demonstrates the diversity of species and feeding domains sampled within our study.

**Figure 2**. Posterior distributions of proportion of larvae in fish diets based on feeding domain- Fish in the benthic feeding domain are estimated to have the greatest proportion of larvae present in their diet with a median proportion of ~0.91. The surface/water column domain had a median proportion of ~0.80. The intermediate feeding domain had a median proportion of ~0.64.

**Figure 3**. Diet estimates for larval prey items. (a) Proportion of larvae in the diets of benthic feeders. (b) Proportion of larvae in the diets of intermediate feeders. (c) Proportion of larvae in the diets of surface/water column feeders. Fishes within the intermediate and surface/water column feeding domains consumed fewer larval insects. Box plots summarize the posterior distribution of the proportion of larvae in diets on each date.

**Figure 4**. Diet estimates for adult prey items. (a) Proportion of adult insects in the diets of benthic feeders. (b) Proportion of adults in the diets of intermediate feeders. (c) Proportion of adults in the diets of surface/water column feeders. Fishes within the intermediate and surface/water column feeding domains consumed more adult insects. Box plots summarize the posterior distribution of the proportion of adults in diets on each date.

**Figure 5**. Diet estimates for pupal prey items. (a) Proportion of pupae in the diets of benthic feeders. (b) Proportion of pupae in the diets of intermediate feeders. (c) Proportion of pupae in the diets of surface/water column feeders. Fishes within the intermediate and surface/water column feeding domains consumed more pupal insects. Box plots summarize the posterior distribution of the proportion of pupae in diets on each date.

**Figure 6**. Temporal trends of chironomid emergence. Displayed are the output distibutions or the GAM used to estimate emergent chironomid abundance with raw data overlay. The x-axis is Julian date (day of year) and the y axis is chironomid abundance estimate with 95% CrI. (a) Emergent chironomid abundance at Burbank backwater site. (b) Emergent chironomid abundance at Gunderson backwater site. (c) Emergent chironomid abundance at the downstream stream site. (d) Emergent chironomid abundance at the upstream site.