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SMALL MAMMAL AND AMPHIBIAN POPULATIONS AND THEIR MICROHABITAT PREFERENCES WITHIN SELECTED HEMLOCK ECOSYSTEMS IN THE DELAWARE WATER GAP NATIONAL RECREATION AREA

Draft Final Report

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Note: Summary to be added in Final Draft

Introduction

This final report is submitted as per the Cooperative Agreement between the National Park Service, Mid-Atlantic Region and the NJDEPE Division of Fish, Game and Wildlife. The Cooperative Agreement calls for the development and implementation of a research program to provide baseline information on small mammal and amphibian species found in selected sample areas within two distinct hemlock dominated forests in the Delaware Water Gap National Recreation Area (DWGNRA). The study characterized the small mammal and amphibian communities of two such hemlock stands, one in New Jersey (Van Campens) and one in Pennsylvania (Adams Creek).

The Hemlock Woolly Adelgid (HWA) has caused catastrophic mortality of hemlocks from Shenandoah National Park in Virginia to northern New England (Watson 1992, McClure 1991). In Connecticut entire stands of hemlock were dead just four years after HWA infestation (McClure 1991). The DWGNRA contains extensive stands of hemlock, especially along north- facing slopes of stream valleys. HWA infestation has been documented within the DWGNRA however most of the hemlock stands have not yet been greatly affected by HWA. However, in the absence of any effective and practical control of HWA, the hemlock ecosystems in the DWGNRA may suffer the same catastrophic hemlock mortality that has occurred at other HWA infested hemlock stands.

No studies to date have examined fauna of pre vs. post HWA infested forests (Mark McClure, pers. comm.), and studies of vegetation before and after infestation have yet to be published. This research was designed to provide baseline information on small mammal and amphibian species that utilize the hemlock habitat in the study areas and baseline information on the structure of the habitat where each species was captured. The data provide a basis for comparing densities of sampled species over time and a means for detecting changes in species composition and population densities in the study areas after HWA

infestation leads to significant habitat changes. The baseline habitat data also provide a means for determining changes in habitat structure in the study areas over time. Relating species capture data to habitat structure data at capture locations provides a basis for discussing changes that may occur in small mammal and amphibian communities in the sample areas based on expected changes in habitat structure that would occur with extensive hemlock mortality. The methodology was designed to allow duplication in the future if the resources are available and if the Park Service decides to perform a comparison of small mammal and amphibian populations and habitat structure before and after HWA induced hemlock mortality.

Study Areas

Discussions with Park Service personnel regarding the selection of study areas focused on selecting sites within the Park with the largest areas of hemlock dominated forest. Hemlock dominated forest was defined as forest with more than 40% hemlock canopy as measured with a #10 prism. The Park Service requested the selection of at least one site which was not currently infested with HWA.

Two study areas were selected within the DWGNRA. The upper Van Campens stream corridor north of Milbrook Village in Pahquarry township, Warren County, New Jersey and the Adams Creek stream corridor north of Dingmans Ferry in Monroe County, Pennsylvania were chosen as study areas. The hemlock forests of both study areas are associated with permanent stream valleys, with the majority of the hemlock located on the north facing slope of the steam valley at both sites. The Van Campens area is infested with HWA but the infestation does not appear to have caused any hemlock mortality. The Adams Creek area has not been infested by HWA to date.

Areas to be sampled on both study areas were established through field reconnaissance in April and May of 1993. The size and configuration of the sampling areas were defined by the size and configuration of the hemlock dominated forests. A band of hemlock forest of varying width and hemlock dominance

exists on the slopes along both sides of the stream corridors at both sites. The maximum width of hemlock dominated forest from the edge of the stream going upslope to the edge of hemlock dominated forest on any of the four slopes at the two sites is approximately 150 meters. At some points along the stream the hemlock dominated forest on the slopes bordering the streams narrows to 10 - 20 meters and in some cases is interrupted by patches of hardwood forest.

Methods

At each of the two sites, study plots of approximately 11 hectares (750m x 150m) were established. Three transects were established perpendicular to the elevational gradient on the slope of the stream valley which had the majority of the hemlock dominated forest at each site. At each site, one transect paralleled the stream and was positioned 10m from stream side. The second transect also paralleled the stream but was upslope of the stream in the middle portion of the hemlock dominated forest. The third transect paralleled the stream and was positioned within 20m of the edge of the hemlock dominated forest near the top of the slope. The edge of the hemlock forest was established through the use of a #10 prism. The edge was defined at 50m intervals as the point where the percentage of hemlocks in the sample taken facing away from the stream was less than 40%. The hemlock edge at most points was very obvious and abrupt. The spacing between transects varied as the width of the hemlock dominated forest varied. Figure 1 gives an example of the arrangement of the transects which were placed at stream side, at mid-hemlock area and near the outer edge of the hemlock area.

Trap arrays were placed at 50m intervals along each transect as depicted in Figure 1. Placing trap arrays at the mid- hemlock position, which usually corresponded to mid-slope, was physically impossible at some points in Adams Creek at the 50m intervals due to severe slopes. Trap arrays were not placed at mid-hemlock points which had slopes greater than 45o. Transects points at 50m intervals with slopes greater than 45o were skipped until a point was located with a slope less than 45o. Due to steep slopes and

narrowing of the hemlock dominated forest, only 11 trap arrays could be placed on the midslope transect at Adams Creek.

Each trap array consisted of a 10m section of 25cm high plastic drift fence with a pitfall trap (14 cm dia. x 19 cm deep) and a snap trap located at either end of the drift fence (see figure 2). The drift fence was positioned perpendicular to the elevational gradient. Each pitfall/snap trap location was considered as one sample point. This arrangement provided 72 sample points (24/transect) at Van Campens and 70 sample points at Adams Creek. Trap arrays were installed in July and early August and the pits covered with snap on plastic lids until the sampling period. Drift fences and snap traps were removed at the end of the 1993 sampling period, but pitfalls were left in place until trap installation in 1994. This ensured that sample points were identical in both years. Drift fences were reinstalled in July and August of 1994 and any broken pitfalls replaced.

Microhabitat Variable Sampling

The methodology to measure habitat parameters was a modification of methodology developed by Dueser and Shugart (1978) and duplicated and/or modified by Seagle (1985), Kirkland (pers. comm.), Kitchings and Levy (1981) and Yahner and Smith (1991). The main difference in methodology between previous studies and this study was the number, type and arrangement of traps. The microhabitat sampling areas used were similar to those used by Yahner, et. al. (1991), Dueser and Shugart (1978) and Kitchings and Levy (1981). Figure 2 depicts the habitat sampling area sizes and arrangements.

Habitat variables were measured within the area of each trap array to provide profiles of microhabitat features at capture sites for each species. Table 1 lists the habitat variables that were measured at each trap station / sampling point. The habitat variables were chosen to meet the following criteria: 1) To provide a measure of the environment which is either known or reasonably suspected to influence the distribution and local abundance of forest floor small mammals (Dueser and Shugart, 1978)

and amphibians. 2) To provide a baseline characterization of habitat features which are likely to change when the hemlocks eventually die and deteriorate as the HWA infestation progresses.

The habitat variables listed in Table 1 were measured in July and August at both study areas in both 1993 and 1994. Measurements were taken after the sample points had been established and the trap arrays installed. Rain gauges were placed at one edge and one streamside point in 1993 and in a canopy opening at each site in 1994.

Mammal and Amphibian Sampling

Traps were run from August 18-27 in 1993 and August 16-25 in 1994. The traps at both sites were checked each morning of the ten day sampling period. Most mammals were dead when removed from the traps. The few that were alive were in poor condition and were euthanized with ether. A tag was placed on the leg of each specimen with the trap location and date of capture. Specimens were placed in a sack containing cob dry until all traps were checked. Placement in cob dry removed most of the water absorbed from pitfalls or precipitation. Any remaining moisture was removed by rubbing cob-dry into the pelage with a toothbrush. Specimens were then wrapped in commercial paper towels before being placed in large zip lock bags labeled with site name and date. Dead specimens collected each day were placed in a freezer. Live amphibians were released after being identified and marked by clipping a single digit.

Mammalian specimens were deposited with the Shippensburg University Vertebrate Museum. Museum staff examined each specimen and provided a positive identification on each specimen.

Statistical Analyses

All statistical analyses were performed on the data from each year separately as well as on the pooled data. The raw data was used to calculate total number of captures per trap, number of amphibian captures per trap, number of mammal captures per trap and number of captures per trap for each species individually. The number of species captured per trap was calculated and used as a measure of species

richness. Relative abundance was calculated for each species for both sites together and for each site separately.

Analysis of variance (ANOVA) was performed for captures per trap to examine the effects of site (Van Campens vs. Adams Creek), transect (Stream, Midslope, or Upper Edge) and Trap (Upstream vs. Downstream). Tests for normality and homogeneity of variances revealed the data fit these assumptions adequately. Four separate analysis of variance for captures per trap were performed. Because amphibians and small mammals have very different behavior patterns that may influence their susceptibility to trapping, amphibian captures and mammal captures were separated and ANOVA was performed on each group. ANOVA was also performed on captures for each trap type separately since pitfalls capture different types of organisms than do snap traps, i.e. shrews are more susceptible to capture by pitfalls, whereas white-footed mice are often caught in snap traps (Kirkland and Shepperd 1990).

Microhabitat variable values from each sample point were analyzed with capture data at each sample point to identify variables that may be important to the species groups and individual species. The value used for each of the habitat variables measured within the 10 m dia. ring around each sample point was the average of the values from all four quadrants. Percents were calculated for the habitat variables measured at 2m intervals along the two perpendicular 20m transects.

Habitat variables that may have contributed to differences in total numbers of mammals and amphibians captured at each sample point were identified by performing a stepwise discriminant analysis using the STEPDISC procedure of SAS (SAS Institute 1985). The combined mammal and amphibian capture data were divided into three groups according to number of total captures at each sample point. The third of the sample points with the greatest number of captures were compared with the third of the sample points with the least number of captures.

Capture data for mammals and amphibians were separated and stepwise discriminant analysis was performed to identify habitat variables that may have contributed to differences in numbers of mammals

captured at each sample point and differences in numbers of amphibians captured at each sample point. For mammals the groups were < 2 captures vs. > 2 captures and for amphibians the groups were < 3 captures vs. > 3 captures at an individual sample point.

A stepwise discriminant analysis was performed for individual species to identify habitat variables that had a negative or positive affect on captures of each species at each sample point. Individual species were grouped by presence/absence, i.e. < 1 capture vs. > 1 capture at an individual trap. Habitat variables were retained by the analysis at a significance level equal to or less than 0.15.

Permanent Marking of Plots

At the end of sampling in 1994 all drift fences, snap traps and pitfalls were removed. To facilitate locating sample points in the future, a crushed aluminum can was placed in the bottom of the hole dug for the pitfall and the hole filled in. The buried cans were detectable with a metal detector in a test performed at the Adams Creek Site. Sample plots were permanently marked by placing a 41 mm diameter, numbered, round metal tag on a reference tree near each trap array. Bearings and distances from stream reference trees were taken to midslope and upper edge reference trees. Bearings and distances were also taken from the reference tree to the locations of pitfalls for each array and the circumference and species of each reference tree recorded. Bearings and distances are attached as Appendix 3. Coordinates of sample points were also recorded using a global positioning system (GPS) unit.

Results

The two years of sampling provided a total of 5,680 trap nights, divided evenly between pitfalls and snap traps. Each year's 10-day sampling period encompassed at least one significant overnight rainfall. Unless noted otherwise, we provide results only for the pooled data. Any significant differences between 1993 and 1994 are noted in the text.

Faunal Sample Size and Composition

Appendix 1 lists all specimens captured during 1993 and Appendix 2 lists captures during 1994. A total of 874 specimens were captured in 1993 (371 mammals and 503 amphibians) and 830 in 1994. In 1993, 10 amphibian and 10 mammal species were captured. In 1994, 14 amphibian and 11 mammal species were captured. A total of 15 amphibian species and 12 mammal species were captured during the two year study. Four of the amphibian species and two of the mammal species captured in 1994 had not been captured in 1993. Tables 2 and 3 provide a comparison of sample sizes and species composition for the two study areas. At Van Campens, 319 specimens of 10 mammalian species and 488 specimens of 12 amphibian species were captured over both years. At Adams Creek, 365 specimens of 10 mammalian species and 532 specimens of 11 amphibian species were captured.

Trap success for mammals was relatively high in comparison to three other pitfall trapping studies in New Jersey and Pennsylvania (Dowler et. al 1985, Fitzgerald 1990, Kirkland and Sheppard 1990). Whereas a maximum of 11.4 mammals were captured per trap night in the cited studies, overall trapping success in the present study was 12.0 individuals per trap night (Figure 4). When broken down into trap type (pitfall vs. snap traps) pitfall trapping success in the present study far exceeds that found in the other three studies. At DWGNRA 19.6 mammals/100 TN were captured in pitfall traps, as opposed to a maximum of 13.1 mammals/100 TN in the three comparable studies. The capture rate for snap traps (4.5/100 TN) is less impressive, but still compares favorably to that found in the other studies, falling between the capture rates for the least successful studies (0 and 2.2/100 TN) and the most successful study (12.5/100 TN). The number of mammalian species captured was also high as compared to the other studies (12 as compared to 7 or 9), especially when the longer length of the studies by Dowler et. al and Kirkland and Sheppard is considered (35 and 39 days, respectively). In addition, all three of the other studies encompassed many sites and habitat types, whereas the present study was performed in only two sites similar in habitat. Another indication of the trapping protocol's effectiveness is the capture of rare

shrews. Thirteen individuals of the Pygmy Shrew, *Sorex hoyi* were caught at both sites. This species was unknown from New Jersey until 1990, when Fitzgerald (1990) captured 2 individuals using a combination of pitfalls and snap traps. One individual of the Northern Water Shrew, *Sorex palustris*, was captured at the Van Campens Site. This species had never before been captured in New Jersey and is uncommon in Pennsylvania (Merritt 1987).

Amphibian trap success was also high as compared to another study performed in northwestern New Jersey. Fitzgerald (1990) captured 62 amphibians in 1400 trap nights for an average of 4.43/100 TN. The capture rate for amphibians in the present study was nearly an order of magnitude greater (35.9/100 TN). The number of amphibian species captured at DWGNRA (15) was also greater than that captured by Fitzgerald (14).

The relationship between captures and precipitation is shown in Figure 3. Precipitation appeared to have a positive effect on captures of all species groups especially amphibians and shrews. Doucet and Bider (1974) observed increased activity rates of shrews during rainfall between the 1800 and 2400 hours and Smith et al. (1980) also reported increased mammal activity after rain and ice storms. Kirkland and Sheppard (1990) discussed this positive effect on rodent and shrew captures and used this as justification for the ten day sampling period since a ten day period usually encompasses at least one precipitation event. On August 18, 1994 captures of all species groups decreased during a heavy precipitation event due to heavy rainfall that sprung most snap traps and/or washed away the bait and caused flooding of pitfalls allowing captured animals to escape.

Relative Abundance of Captured Animals

Table 4 lists the relative abundance of the various species captured at both sample sites during the two year period. Amphibians accounted for 59.9% of the total number of animals caught. Among the amphibians, Red-backed salamanders, *Plethodon cinereus*, were the most frequently caught when both sites were considered together (35.1% of amphibian captures). In 1993 this species was the most frequently

captured amphibian at Van Campens (44%), but was fifth most abundant at Adams Creek (9.0%). Red-spotted newts, *Notopthalus viridescens*, were the most abundant species at Adams Creek (34.5%) in 1993. In 1994, Red-backed salamanders constituted an even greater percentage of the sample at Van Campens (52.1%) and were the most frequently caught amphibian at Adams Creek (38.2%) with Red-spotted newts a close second (37.0%).

Among mammalian captures, White-footed mice, *Peromyscus leucopus*, (31.1%) and Smoky shrews, *Sorex fumeus*, (26.2%) were the most frequently caught overall. At Adams Creek, smokey shrews were the most abundant mammalian species captured (28.5%) whereas at Van Campens White-footed mice (47.6%) were most frequently captured. Smokey shrews were the second most abundant mammal captured at Van Campens.

Hamilton (1940) found that smokey shrews averaged 18.3% of the small mammals captured at three different study sites compared to our sample where smokey shrews accounted for 26.2% of the sample. Connor (1960) and Jameson (1949) noted an inverse relationship between population densities of smokey shrews and short-tailed shrews which may be related to short-tailed shrew predation on smokey shrews which was documented by Hamilton (1940). Our data is consistent with this observation with smokey shrews representing 26.2% of the total sample and short-tailed shrews only representing 5.7% of the sample. Jameson (1949) observed that smokey shrews were less common where masked shrews occurred and suggested the possibility of interspecific intolerance. The presence of masked shrews at both of our study sites did not appear to have an effect on smokey shrew abundance.

Red-backed voles were the second most common rodent at both sites representing 14.5% of the mammalian sample at Adams, 8.5% of the mammalian sample at Van Campens and 11.7% of the total mammalian sample. Brower and Cade (1966) and other trapping studies suggest the more aggressive red-backed vole may compete with and affect the abundance of woodland jumping mice. This is contrary to our

results which show a higher relative abundance of woodland jumping mice in Adams Creek than in Van Campens despite the higher relative abundance of red-backed voles in Adams.

Rodents as a group were more frequently caught than shrews at Van Campens (58.6%). Rodents were more abundant than shrews both years at Van Campens comprising 58% of the sample in 1993 and 60% of the sample in 1994. In 1993 shrews outnumbered rodents at Adams Creek (61% vs. 38%), but captures of these two groups were nearly equal at Adams Creek in 1994 (51% vs. 49%). The pooled capture data shows that the relative abundance of shrews and rodents were nearly identically opposite for the two sites with shrews representing 56.2% and rodents representing 43.8% of the mammalian sample at Adams Creek and shrews representing 41.4% and rodents representing 58.6% of the mammalian sample at Van Campens.

Calhoun (1963) found evidence that white-footed mice presence on the ground surface might influence shrews to remain underground. The abundance of white -footed mice at Van Campens (47.6% of the total sample) may have affected shrew movement and their susceptibility to capture resulting in fewer soricid shrew captures at Van Campens. Hamilton (1941) found insects to be the most frequently occurring food class in white-footed mice stomach contents throughout the year in a New York study . In Indiana, Whitaker (1966) found 30% insects and in Illinois, Batzli (1977) found arthropods the most frequent white -footed mouse food item in summer and fall. This strong preference for insects may cause white-footed mice to compete with soricids for food and may contribute to an inverse relationship in relative abundance of white-footed mice and soricids.

Data Analysis

Relation of Location of Traps to Numbers of Animals Caught:

When ANOVA was performed on mean total captures of amphibians and mammals at each sample point (combination of 1 pitfall and 1 snap trap), the effects of Site and Site x Transect were significant, as

were the interactions of Year x Transect (Table 6). Adams Creek had a greater mean capture rate than Van Campens (6.41 vs. 5.60) accounting for the Site effect.

The Year x Transect interaction resulted from differences in mean capture rates for the three transects between years. In 1993, mean captures/sample point were greatest on the stream transect followed by the middle transect, followed by the edge transect and opposite in 1994 where mean captures/sample point were greatest on the edge, followed by the middle, followed by the stream. The greater abundance of stream dependent two-line salamanders in 1993 (n=49) compared to 1994 (n=14) and the greater abundance of red-backed salamanders in 1994 which were most often captured on the edge transect accounted for some of the difference. Also, flooding of pitfalls on the stream transects primarily at Van Campens, which occurred on at least one sampling night in 1994, could have accounted for some of the difference in total capture/sample point on the transects between years. The captures lost during the flooding event in 1994 at Van Campens along the stream transect and the shift in the relative abundance of the two amphibian species between years most likely accounted for the Year x Transect interaction.

The Site x Transect interaction arose from captures at Adams being the greatest on the stream transect followed by the edge transect, followed by the middle transect (S=7.54, E=5.96, M=5.65). At Van Campens, captures rates were greatest on the edge transect and lowest on the stream transect (E=5.87, M=5.81, S=5.13). The loss of captures at Van Campens along the stream transect due to flooding in 1994 may have also contributed to this interaction. The greater abundance of two-lined salamanders at Adams and the greater abundance of red-backed salamanders at Van Campens could have also attributed to the difference in capture rates along the transects. This is discussed further under the section on amphibian capture ANOVA results.

The data were then grouped by mammal captures and amphibian captures and ANOVA performed on the groups separately. Year, Site and Transect had a significant effect on mean mammal captures/sample point (Table 7). Mean mammal captures/sample point were higher in 1993 (2.61) than

1994 (2.20). Adams Creek had a higher mean mammal capture rate (2.61) than Van Campens (2.20). Mean mammal captures/sample point were highest on the stream transect (3.01), followed by the middle transect (2.26), followed by the edge transect (1.95).

For amphibians, the Year x Transect and Site x Transect interactions were significant (Table 8). In 1993, mean captures were greatest on the stream transect (2.50), followed by the middle transect (2.07), followed by the edge transect (1.88). In 1994, mean captures were opposite with highest mean captures at the edge (4.77), followed by the middle (3.32), followed by stream (2.81). This difference could have been caused by the shifts in relative abundance between years of two salamanders, one which is stream dependent and the other which was caught most frequently on the edge transect. The stream dependent two-lined salamander was much more abundant in 1993 (n=49) than in 1994 (n=14) and the red-backed salamander which was caught most often at the edge was nearly twice as abundant in 1994 (n=236) as it was in 1993 (n=124).

This relative abundance of these two species between the two sites could also account for the Site x Transect interaction where Adams had greatest mean captures on the stream transect (4.15) followed by the edge (3.85), followed by the middle (3.36).Van Campens had the lowest mean amphibian capture/sample point at the stream (2.50) followed by the middle (3.58), followed by the edge (4.08). The stream dependent two-lined salamander was more abundant at Adams where 79% of the captures of this species occurred and the red-backed salamander was more abundant at Van Campens where 66% of the captures occurred. Again, the streamside flooding of pitfalls at Van Campens in 1994 could have also had an effect on this interaction.

When ANOVA was performed on number of species captured/sample point, Year, Site, Transect and Site x Transect were significant (Table 9). In 1993, the mean number of species captured/sample point was higher (4.0) than 1994 (3.61) for the Year affect. Adams Creek had a higher mean number of species/sample point (4.06) compared to Van Campens (3.55) for the Site effect. The stream transect

sample points had the highest mean species count (4.33), followed by the middle (3.55), followed by the edge (3.51) for the Transect affect. The Site x Transect interaction was due to the stream transect at Adams Creek having a mean of 5.00 species captured /sample point compared to an approximate mean of 3.50 species for all of the other transects at both sites.

Relations of Habitat Variables to Numbers of Animals Caught:

For total captures, the stepwise discriminant analysis (STEPDISC) procedure identified three microhabitat variables that separated the third of the sample points with the greatest number of captures from the third of the sample points with the least captures (Table 10). The high capture sample points had greater percent ground cover (PGVEG), a higher short woody stem density (SWSD) and a greater litter depth (LIDE).

Four variables were identified in the STEPDISC analysis of the sample points with high (>2) mammal captures vs. the sample points with low (<2) mammal captures (Table 11). The sample points with more than two mammal captures had higher percent ground cover (PGVEG), had a higher fallen log density (FLDE) and a higher percent deciduous overstory (PODEC). Distance to water (DITW) was less for the sample points with more than two mammal captures.

Six habitat variables were identified in the STEPDISC analysis which separated the sample points with high (>3) amphibian captures from the sample points with low (<3) amphibian captures (Table 12). The number of woody species (NUWS), litter depth (LIDE) and the density of short woody stems (SWSD) were higher for sample points with more than 3 amphibian captures and the points had a lower fallen log density (FLDE), a lower percent rocky ground cover (PGROCK) and a lower understory woody stem density (UWSD).

Relations of Individual Species Captures to Habitat Variables:

Stepwise Discriminant Analysis was performed to identify variables related to the capture of each species individually. Eight species (meadow vole, chipmunk, N. water shrew, marbled salamander, spotted

salamander, spring salamander, pickerel frog and bullfrog) were omitted from this analysis due to low total captures. Four others had fewer than 10 total captures (pine vole, N. dusky salamander, red salamander and wood frog).

Mammals: Table 13 shows the relationships of the various habitat variables selected by STEPDISC for the individual mammal species. Only two species showed positive responses to the presence of hemlock. Sample points where smokey shrews were captured had a higher percent hemlock overstory and sample points where white-footed mice were captured had a higher density of hemlock understory. Woodland jumping mice occurred at points with a higher percent pine overstory where white-footed mice capture points had a lower percent pine overstory. The lower percent pine overstory for white-footed mice is probably related to the high percent hemlock overstory which precludes the presence of a pine overstory.

Deer mice were captured on steeper slopes while white-footed mice were captured on shallower slopes, suggesting habitat partitioning which has been observed by others for these two species. Deer mice and woodland jumping mice both showed a positive response to litter depth. White-footed mice and woodland jumping mice both occurred in areas with greater percent rock cover. Smokey shrews and masked shrews both showed a positive relation to fallen log densities.

Smokey shrews and pygmy shrews showed a positive response to tall herbaceous stem densities while masked shrews and red-backed voles showed a negative response to this habitat variable. Both red-backed voles and deer mice were captured at sample points with a greater diversity of herbaceous species where pygmy shrews were captured where there were fewer herbaceous species. Masked shrews and deer mice occurred at points with a greater percent ground vegetation where red-backed voles showed a negative response to ground vegetation. Understory trees were more dispersed at points where red-backed voles, deer mice and pygmy shrews were captured and less dispersed at white-footed mouse capture points.

The following is a discussion of the habitat variables selected for each mammalian species and a summary of habitat preferences noted in the literature for each species:

White-footed mouse

Arboreal behavior was documented by Batzli (1977), Nicholson (1941) and Smith and Speller (1970). Population density was positively related to shrub cover or stem density in Dueser and Shugart (1978), Kaufman and Fleharty (1974), M'Closkey and Fieldwick (1975) and Stickel and Warbach (1960); negatively related in Barry and Francq (1980) and Bongiorno and Pearson (1964) and without relationship in Getz (1961) and Klein (1960). Yahner and Smith (1991) found this species to use habitats with more ground cover and less rock cover. Seagle (1985) also found them using habitats with abundant herbaceous ground cover and lower rock cover was also noted by Barry and Francq (1980). Kitchings and Levy (1981) found them primarily in more wooded, rocky sites and oriented toward high stump and log densities.

Sample points where white-footed mice were captured in our study had gentler slopes, were closer to understory trees (UNTD), had a lower percent pine overstory (POPIN) and fewer ground points with ground litter and no vegetation (PGLIT). The points also had a higher understory woody stem density (UWSD), more of a hemlock understory (HEUN) and a higher percentage of rock covered ground points (PGROCK).

Deer mouse **Note: Literature citations to be added in final draft.**

Sample points where this species was captured were located on steeper slopes, had higher tall woody stem densities (WOSD), a greater number of herbaceous species (NUHS), lower densities of short herbaceous stems (SHSD), a greater litter depth (LIDE), were further from understory trees (UNTD), had a higher percent hemlock overstory (POHEM) and ground vegetation (PGVEG).

Woodland jumping mouse

Whitaker and Wrigley (1972) state this species typically occurs in cool moist environments within the forest and forest edge and its range coincides with the ranges of balsam fir and hemlock. Whitaker (1963) found that swamps, mesic woods and wet woods were most often occupied by this species in New York. The moist conditions may be conducive to the occurrence of the subterranean fungus *Endogene*

which is an apparently important food item. Whitaker (1963) found *Endogene* comprised approximately 30% of the food volume in stomachs of woodland jumping mice from New York, North Carolina, New Hampshire and Tennessee. Sample points where this species was captured had greater litter depth (LIDE), greater percent pine overstory (POPIN), were further from fallen logs (FALD) and a higher percentage of rock covered ground points (PGROCK). The observed preference for deeper litter depth, which is conducive to fungal growth, may be related to the occurrence of *Endogene,* although we did not document its presence at our study sites.

Red backed vole

Merritt (1981) states that red-backed voles frequent mesic coniferous, deciduous and mixed forests containing abundant litter, stumps and rotting logs but also use a wide variety of other habitats. Yahner and Smith (1991) observed red-backed voles to be more common in areas having lower densities of shrubs and logs and lower percent ground cover. The subterranean fungus *Endogene* and other fungi have been reported to be a staple in the summer diet of red-backed voles by Merritt and Merritt (1978). Sample points where this species was captured in our study had a higher number of herbaceous species (NUHS), lower number of woody species (NUWS), fewer tall herbaceous stems (HESD), were further for understory trees (UNTD) and further from fallen logs (FALD) and had less ground vegetation (PGVEG).

Smokey shrew

This species has been observed in various habitats including forest, bogs and swamps, grassy areas, talus slopes, and stream banks. The preferred habitat is suggested to be cool, shaded floors of deciduous and coniferous forests with features including deep litter, moss covered rocks and decaying logs and brush (Owen, 1984). The variables selected by STEPDISC and their relationship to captures appear to be consistent with the habitat preferences of this species. Sample points were smokey shrews were captured in our study were closer to water, had higher herbaceous stem densities (HESD), were further from overstory trees (OVTD), had a higher fallen log density (FLDE) and a higher percent hemlock

overstory (POHEM). This is the only species where captures showed a positive response to a higher percent hemlock overstory.

Masked shrew

Yahner and Smith (1991) reported masked shrews using habitats with a higher density of snags and a lower mean percent ground cover and Seagle (1985) observed preference for habitats with little herbaceous or understory cover. Yahner (1986) observed low density of logs and high density of forbes. Kitchings and Levy (1981) cited preference for sites with high log and stump densities but few shrubs.

Sample points where this species was captured in our study had lower densities of short woody stems (SWSD), fewer tall herbaceous stems (HESD), lower tree stump densities (TSDE), lower snag densities (SNDE), greater fallen log densities (FLDE), higher percent deciduous overstory (PODEC) and higher percent ground vegetation (PGVEG).

Short-tailed shrew

Kitchings and Levy (1981) found short-tailed shrews to consistently occupy areas with high stump and log densities with a dense overstory and few shrubs. Miller and Getz (1977) reported them to be most common in areas with more than 50% herbaceous cover. Sample points where this species was captured in our study were located on shallower slopes and were closer to fallen logs (FLDE).

Pygmy shrew **Note: Literature citations to be added in final draft.**

Sample points where this species was captured were further from water (DITW), Closer to overstory trees (OVTD), further from understory trees (UNTD) and had lower numbers of herbaceous species (HESD) and lower densities of short (SHSD) and tall (HESD) herbaceous stem densities.

Amphibians: Table 14 shows the relationships of the various habitat variables selected by STEPDISC for the individual amphibian species. The only relationship to the presence of hemlock was a negative response to hemlock understory for green frog. Green frog and American toad showed a positive response to pine

overstory while red-baked salamander exhibited a negative response to this variable. Four species, red-spotted newt, American toad, slimy salamander and two-lined salamander showed a positive response to litter depth while only one species, red-backed salamanders showed a negative response to this variable. Three of these species, red-spotted newt, American toad and two-lined salamander also exhibited a negative response to rock cover which generally is not conducive to greater litter depths.

Red-backed salamander, American toad and green frog showed positive responses to tall herbaceous stem densities and red-spotted newt showed a positive response to short herbaceous stem densities. Surprisingly, only one specie, red-backed salamander, exhibited a positive response to the density of snags and no species exhibited positive responses for greater stump or log densities.

The following is a summary of the variables selected for each species and the relation of the variable to the species:

Red-backed salamanders

Sample points where this species was captured had steeper slopes, a higher number of woody species (NUWS), a lower number of herbaceous species (NUHS), a greater density of tall herbaceous stems (HESD), shallower litter depth (LIDE), were closer to overstory trees (OVTD), had a higher snag density (SNDE) and lower percent pine overstory (POPIN) and ground vegetation (PGVEG).

Red-spotted newt

Sample points where this species was captured were further from water (DITW), on shallower slopes, had fewer woody species (NUWS), greater short woody stem (SWSD) and short herbaceous stem (SHSD) densities, had shallower liter depths (LIDE), were further for understory trees (UNTD), had lower snag (SNDE) and fallen log (FLDE) and more ground vegetation (PGVEG) and less rock (PGROCK).

American toad

Sample points where this species was captured had greater short woody stem (SWSD), tall herbaceous stem (HESD) and overstory woody stem (OWSD) densities, deeper litter depths (LIDE), greater percent pine overstory (POPIN) and less rock (PGROCK).

Slimy salamander

Sample points where this species was captured were further from water (DITW) and located on steeper slopes, had greater litter depths (LIDE) and lower understory woody stem (UWSD) and tree stump (TSDE) densities.

Two-lined salamander

Sample points where this species was captured were closer to water (DITW), had a deeper litter depth (LIDE), greater understory woody stem density (UWSD), lower tree stump (TSDE) and snag (SNDE) densities, further from fallen logs (FALD) and had lower percent evergreen overstory (OVEV) ,ground points with only litter (PGLIT) and ground points with only rock (PGROCK).

Green frog

Sample points where this species was captured had higher tall herbaceous stem densities (HESD) and lower short herbaceous stem densities (SHSD), a sparser hemlock understory (HEUN) and a greater percent pine overstory (POPIN).

Discussion & Conclusions

Considering the generally monotypic nature of the mature hemlock forest at the two study sites, the sites supported a surprising diversity of rodents, soricids and amphibians. We were not able to find any studies that documented a greater diversity of small mammals than was found at the two hemlock study sites at DWGNRA. Even studies that sampled multiple habitat types with much greater structural diversity failed to reveal the diversity of small mammals found at our sites. This suggests that species diversity and relative abundance may be partially dependent on factors other than habitat composition or habitat

structure or variables that are affected by the habitat structure, i.e. microclimate. The cool damp microclimate maintained within the hemlock forest may have a significant effect on the composition of mammalian and amphibian populations. The microclimate in hemlock stands supports an abundant invertebrate population and is conducive to fungal growth, both of which have been shown to be diet staples of both rodents and soricids. In addition to these food supplies, ample succulent herbaceous vegetation and seed producing trees and plants also exist in the hemlock study areas. Perhaps the abundant food supply reduces competition between species and allows a greater assemblage and diversity of species to coexist.

All but one of the mammalian species, northern water shrew, and several of the water dependent amphibians, are forest habitat generalists, whose relative abundance responds to various habitat components and with some species, population cycles. The loss of hemlocks due to HWA would invariably lead to changes in habitat structure and lead to a warmer, drier microclimate as the canopy opens. Based on the results of this study and others, it is difficult to predict which, if any species would be lost from the hemlock study areas if hemlock mortality should occur.

The discriminant function analyses of habitat variables for points with the greatest number of total captures, mammal captures and amphibian captures predominantly selected variables that would increase as hemlock mortality progressed. Total captures were greatest where there was more ground vegetation and higher woody stem densities which both would be expected to increase with hemlock mortality. Sample points with high mammal captures had more ground cover, more fallen logs and a higher percent deciduous overstory, all of which should increase with hemlock mortality. The high amphibian capture points had a greater diversity of woody species and greater density of short woody stems which would also be expected to increase with hemlock mortality.

The expected population trends after hemlock mortality for the individual species based on the habitat variables selected for each species and their apparent relationship to that variable is much more

difficult to predict. Crude predictions of increase or decrease of a species were prepared by assuming that all variables selected for a species had equal weight and by making assumptions as to whether the variable would increase, decrease or remain the same if hemlock mortality occurred. Based on this crude analysis, 5 mammals (white-footed mice, deer mice, smokey shrew, masked shrew and short-tailed shrew) may increase if hemlock mortality occurs and 3 mammals may decrease (woodland jumping mice, red-backed voles and pygmy shrews). Three amphibians (green frog, red-backed salamander and red-spotted newt) would be unaffected, 1 species (American toad) may increase and 2 species (slimy salamander and two-lined salamander) would decrease. These predictions do not take into account the expected changes in microclimate which may have a greater impact on individual species than the changes in habitat.

Although it is difficult to predict which species might be lost if changes occur in the habitat structure at the hemlock study sites, changes in relative abundance of the various species will almost certainly occur. The most striking observation when comparing the relative abundance of species at the two study sites is the overwhelming presence of the white-footed mouse at Van Campens. This relatively large, dominant species comprised 47.6% of the sample at this study site which most likely accounted for the lower relative abundance of all other mammal species at Van Campens in comparison to the higher relative abundance of all the same species at Adams.

The following is presented only as an example of how one species may increase and possibly affect the relative abundance of other species if hemlock mortality occurs at the study sites. A t-test was performed on the habitat data sets from Van Campens and Adams for variables that showed a positive relationship to white-footed mice captures in our study (hemlock understory density, understory woody stem density and understory tree dispersion) and preferred variables cited in the literature (tree stump density, snag density and fallen log density). The mean for 5 of these variables was significantly higher ($p<.001$) at Van Campens than Adams. The mean of the sixth variable was also significantly higher ($p<.05$) at Van Campens. All six of these variables would be expected to increase if hemlock mortality

occurs within the study sites. Based on this analysis, the relative abundance of the white-footed mouse would be expected to increase as hemlock mortality progresses, leading to lower relative abundance of other mammals.

In conclusion, we feel the study has shown the two hemlock study sites at DWGNRA support abundant and diverse populations of small mammals and amphibians. While it is difficult to predict which if any species would be lost from these systems if hemlock mortality occurs, it is our feeling that potentially significant changes could occur in species diversity and relative abundance. The potential loss of hemlocks and the expected changes in habitat structure and microclimate appear to be a potential threat to these faunal communities.

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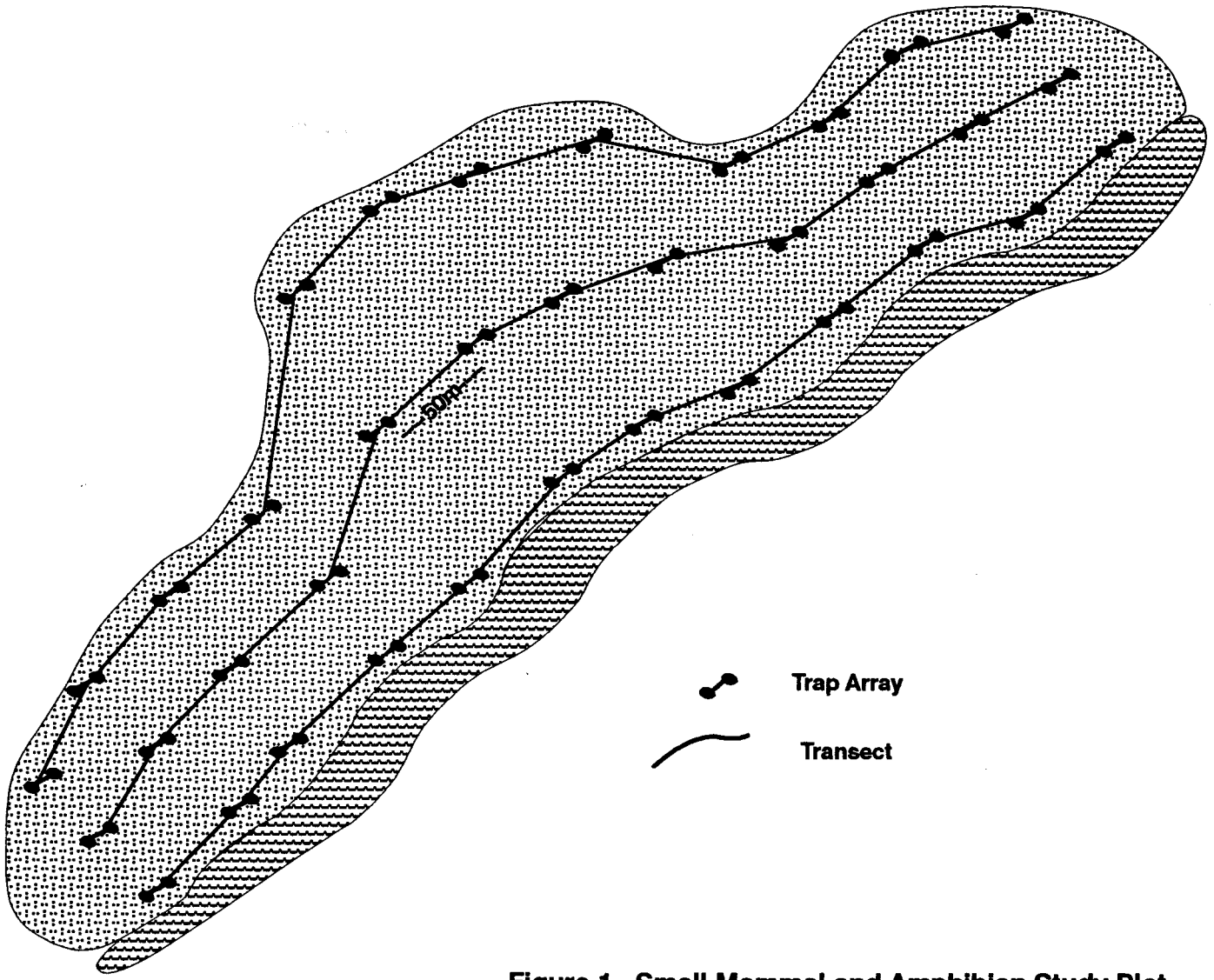
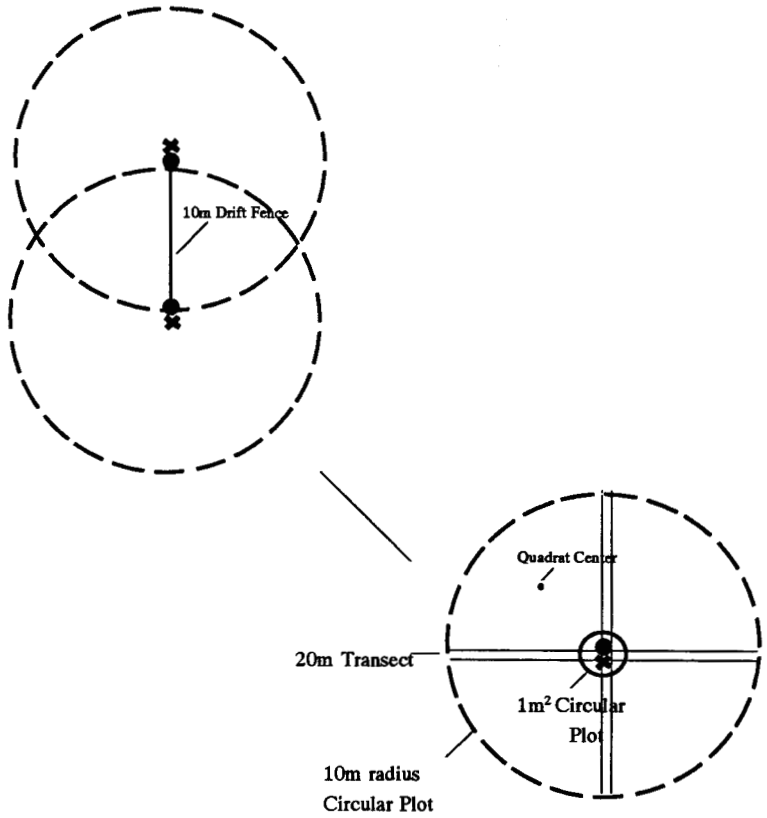


Figure 1. Small Mammal and Amphibian Study Plot

Trap Arrangement and Microhabitat Sampling Areas



Habitat Variables to be measured:

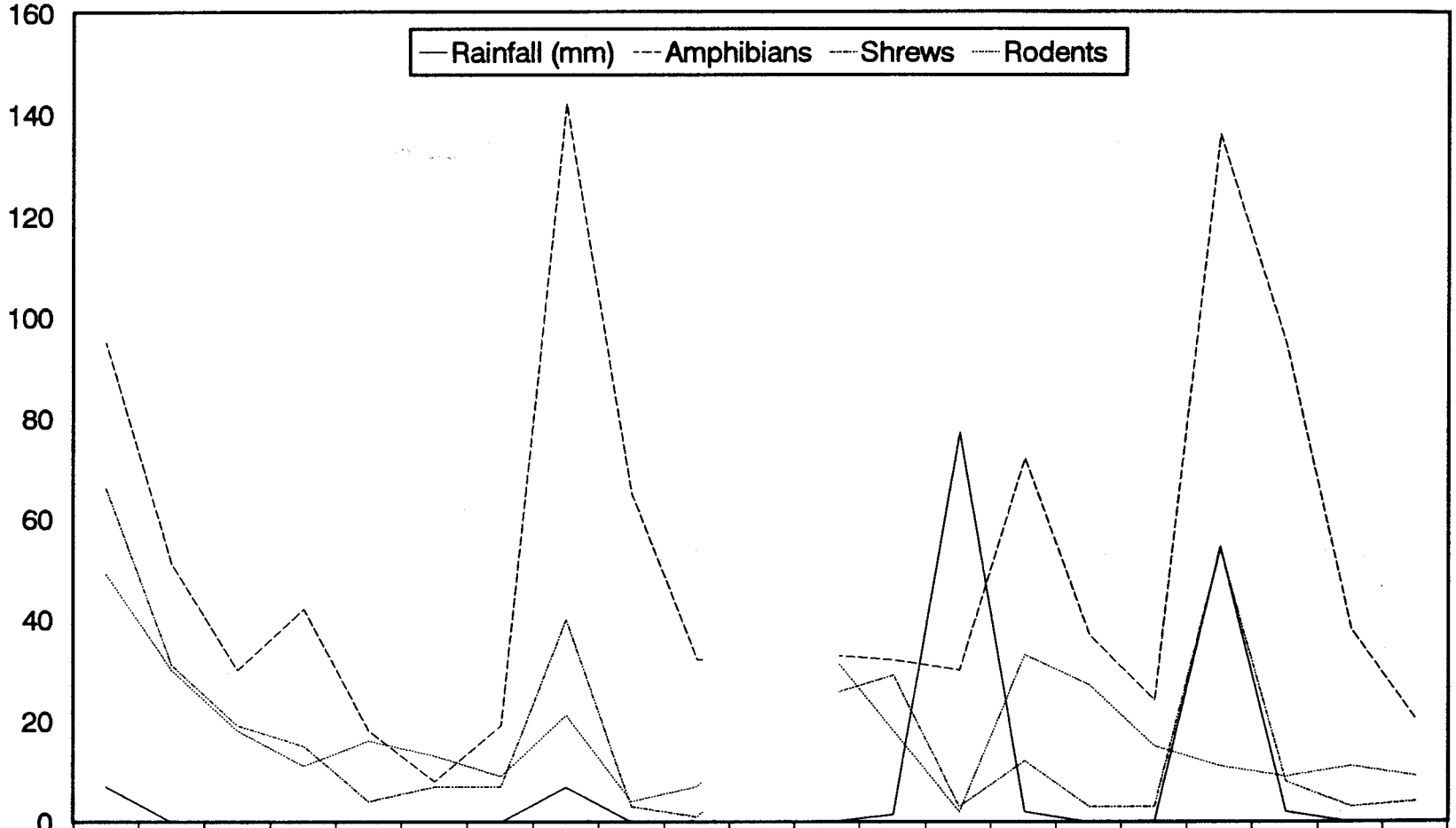
-along 2 perpendicular 20m transects
-within 1m² circular plots
-within each quadrat of 10m radius circular plots

● Pitfall
✖ Snap Trap

Figure 2.

Figure 3

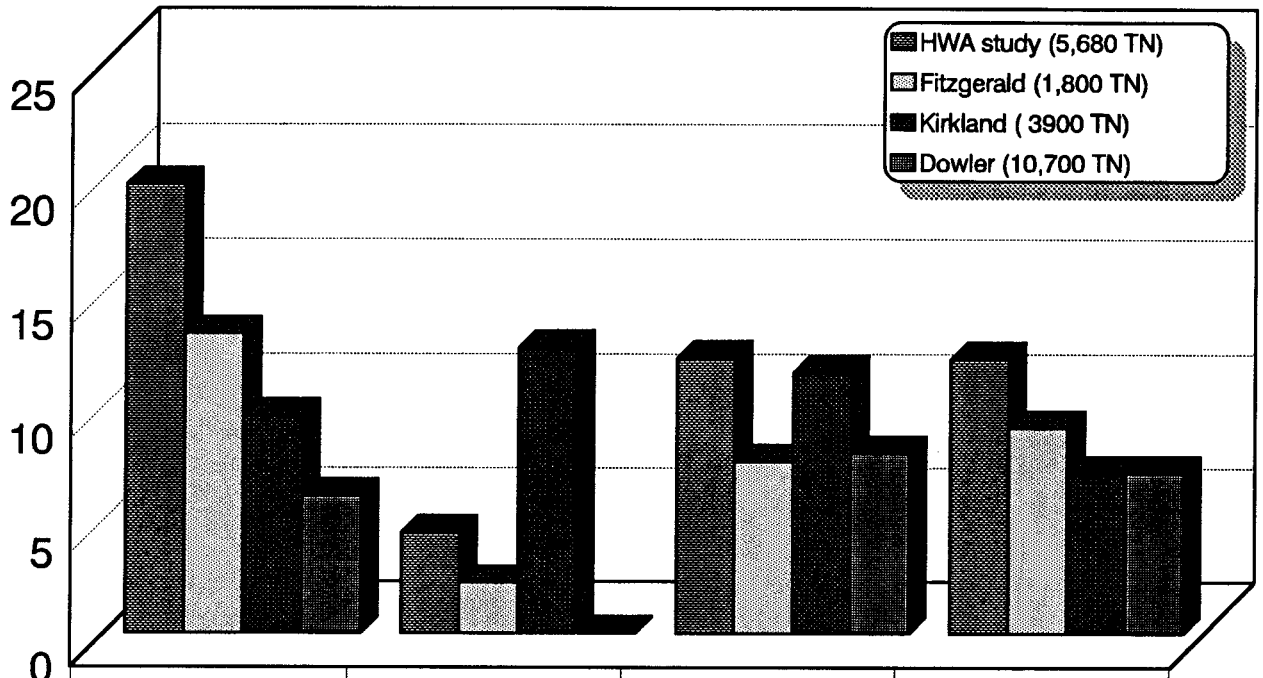
Relationship of Precipitation to Captures



	8/18	8/19	8/20	8/21	8/22	8/23	8/24	8/25	8/26	8/27		8/16	8/17	8/18	8/19	8/20	8/21	8/22	8/23	8/24	8/25
						93										94					
Rainfall (mm)	7	0	0	0	0	0	0	6.9	0	0		0	1.4	77.1	2	0	0	54.4	2	0	0
Amphibians	95	51	30	42	18	8	19	142	65	32		33	32	30	72	37	24	136	95	38	20
Shrews	66	31	19	15	4	7	7	40	3	1		25	29	3	12	3	3	54	8	3	4
Rodents	49	30	18	11	16	13	9	21	4	7		34	18	2	33	27	15	11	9	11	9

Figure 4

Mammal Trapping Success



	Pitfall Success	Snap Trap Success	Total Trap Success	Species
HWA study (5,680 TN)	19.6	4.4	12.04	12
Fitzgerald (1,800 TN)	13.1	2.2	7.5	9
Kirkland (3900 TN)	9.5	12.5	11.4	7
Dowler (10,700 TN)	6	0	7.88	7

Success expressed in captures/100 trap nights

Table 1. Description of 33 habitat variables with sampling methods and sampling areas for measuring the variables.

Measurements within a 1m² ring centered on trap.

(WOSD) Woody stem density	Count of live woody stems >.4m in height within 1m2 ring centered on trap.
(SWSD) Short woody stem density	Same as WOSD for live woody stems <.4m in height.
(NUWS) Number of woody species	Woody species count within 1m2 ring centered on trap.
(HESD) Herbaceous stem density	Same as WOSD for live herbaceous stems >.4m in height.
(SHSD) Short herbaceous stem density	Same as WOSD for live herbaceous stems <.4m in height.
(NUHS) Number of herbaceous species	Same as NUWS for live herbaceous species.
(LIDE) Litter depth	Average of four measurements of litter depth around perimeter of 1m2 ring centered on trap. (cm)
(DOLT) Dominant litter/surface type	Dominant litter or surface (if no litter) type, within 1m2 ring centered on trap (choice of rock, bare soil, bryophites, deciduous leaves, evergreen needles or mixed).

Measurements within a 10m radius area centered on point between pitfall and snap trap.

(OWSD) Overstory woody stem density	Average number of live woody stems >20cm dbh per quarter .
(UWSD) Understory woody stem density	Average number of live woody stems <20cm dbh per quarter.
(OVTD) Overstory tree dispersion	From measurements in each quarter, average distance from trap to nearest over story tree (>20cm dbh).
(UNTD) Understory tree dispersion	Same as OVTD for trees <20cm dbh.
(TRSD) Tree stump dispersion	From measurements in each quarter, average distance from trap to nearest tree stump (>10cm at top of stump).
(TSDE) Tree stump density	Average number of tree stumps (>10cm at top of stump) from counts in each quarter.
(FALD) Fallen log dispersion	From measurements in each quarter, average distance from trap to nearest fallen log (>10cm at widest end of log).
(FLDE) Fallen log density	Average number of fallen logs (>10cm at widest end of log) from counts in each quarter.
(SNDE) Snag density	Average number of snags >10 cm dbh from counts in each quarter.
(SNDI) Snag dispersion	From measurements in each quarter, average distance from trap to nearest snag.
(HEUN) Hemlock understory	Average number of hemlocks <20cm dbh from counts in each quarter.
(HEOS) Hemlock overstroy	Average number of hemlocks >20cm dbh from counts in each quarter.

Measurements along two perpendicular 20m transects.

(POCL) Percent overstory closure	Percentage of points with overstory vegetation from 21 vertical ocular tube sightings along 2 perpendicular 20m transects centered on traps.
(OVEV) Percent overstory evergreens	Same as POCL for presence of evergreens in overstory vegetation.
(POPIN) Percent pine overstory	Same as POCL for presence of non-hemlock evergreens in overstory vegetation.
(POHEM) Percent hemlock overstory	Same as POCL for presence of hemlock in overstory vegetation.
(PODEC) Percent deciduous overstroy	Same as POCL for presence of deciduous trees in overstory vegetation.
(PGVEG) Percent ground points w/ veg.	Percentage of ground points with ground vegetation.
(PGLIT) Percent ground points w/ no veg.	Percentage of ground points with only litter and no ground vegetation.
(PGROCK) % ground points w/ no veg.	Percentage of ground points with only rock and no ground vegetation.
(PGWATER) % ground points w/ water	Percentage of ground points with only water.

Other Measurements

(DITW) Distance to water	Trap distance to water (shortest distance).
(SLOP) Slope	Expressed in degrees.
(ASPT) Aspect	Orientation of slope where sample point is located.
(TRSCT) Position on slope	Position of sample point (stream side, mid slope, upper slope).

Table 2. Amphibian captures at both sample sites for 1993, 1994 and combined totals.

	1993 Captures				1994 Captures				93-'94 Captures		
	Adams Creek	Van Campen	Totals		Adams Creek	Van Campen	Totals		Adams Creek	Van Campen	Totals
Red-backed salamande *Plethodon cinereus*	25	99	124	Red-backed salamand *Plethodon cinereus*	97	137	234	Red-backed salamande *Plethodon cinereus*	122	236	358
Slimy salamander *Plethodon glutinosis*	35	37	72	Slimy salamander *Plethodon glutinosis*	23	22	45	Slimy salamander *Plethodon glutinosis*	58	59	117
Red-spotted newt *Notophthalmus viridescens*	96	23	119	Red-spotted newt *Notophthalmus viridescens*	94	27	121	Red-spotted newt *Notophthalmus viridescens*	190	50	240
Marbled salamander *Ambystoma opacum*	0	0	0	Marbled salamander *Ambystoma opacum*	0	1	1	Marbled salamander *Ambystoma opacum*	0	1	1
Spotted salamander *Ambystoma maculatum*	0	0	0	Spotted salamander *Ambystoma maculatum*	3	0	3	Spotted salamander *Ambystoma maculatum*	3	0	3
Two-lined salamander *Eurycea bislineata*	41	8	49	Two-lined salamander *Eurycea bislineata*	9	5	14	Two-lined salamander *Eurycea bislineata*	50	13	63
N. Dusky salamander *Desmognathus fuscus*	1	3	4	N. Dusky salamander *Desmognathus fuscus*	2	1	3	N. Dusky salamander *Desmognathus fuscus*	3	4	7
Spring salamander *Gyrinophilus porphyriticus*	0	0	0	Spring salamander *Gyrinophilus porphyriticus*	0	1	1	Spring salamander *Gyrinophilus porphyriticus*	0	1	1
Red salamander *Pseudotriton ruber*	0	0	0	Red salamander *Pseudotriton ruber*	2	5	7	Red salamander *Pseudotriton ruber*	2	5	7
American toad *Bufo americanus*	58	36	94	American toad *Bufo americanus*	13	41	54	American toad *Bufo americanus*	71	77	148
Fowler's toad *Bufo woodhousei*	0	5	5	Fowler's toad *Bufo woodhousei*	0	3	3	Fowler's toad *Bufo woodhousei*	0	8	8
Green frog *Rana clamitans*	20	14	34	Green frog *Rana clamitans*	7	19	26	Green frog *Rana clamitans*	27	33	60
Pickerel frog *Rana palustris*	1	0	1	Pickerel frog *Rana palustris*	0	0	0	Pickerel frog *Rana palustris*	1	0	1
Wood frog *Rana sylvatica*	1	0	1	Wood frog *Rana sylvatica*	4	0	4	Wood frog *Rana sylvatica*	5	0	5
Bullfrog *Rana catesbeiana*	0	0	0	Bullfrog *Rana catesbeiana*	0	1	1	Bullfrog *Rana catesbeiana*	0	1	1
Totals	**278**	**225**	**503**		**254**	**263**	**517**		**532**	**488**	**1020**

Table 3. Mammalian captures at both sample sites for 1993, 1994 and combined totals.

	1993 Captures				1994 Captures				93-'94 Captures		
	Adams Creek	Campen s	Totals		Adams Creek	Campen s	Totals		Adams Creek	Campen s	Totals
White-footed mouse *Peromyscus leucopus*	23	84	107	White-footed mouse *Peromyscus leucopus*	38	68	106	White-footed mouse *Peromyscus leucopus*	61	152	213
Deer mouse *Peromyscus maniculatus*	18	0	18	Deer mouse *Peromyscus maniculatus*	4	0	4	Deer mouse *Peromyscus maniculatus*	22	0	22
W. Jumping mouse *Napaozapus insignis*	5	5	10	W. Jumping mouse *Napaozapus insignis*	13	1	14	W. Jumping mouse *Napaozapus insignis*	18	6	24
Red-backed vole *Clethrionomys gapperi*	27	13	40	Red-backed vole *Clethrionomys gapperi*	26	14	40	Red-backed vole *Clethrionomys gapperi*	53	27	80
Meadow vole *Microtus pennsylvanicus*	2	0	2	Meadow vole *Microtus pennsylvanicus*	0	0	0	Meadow vole *Microtus pennsylvanicus*	2	0	2
Pine vole *Microtus pinetorum*	0	1	1	Pine vole *Microtus pinetorum*	4	0	4	Pine vole *Microtus pinetorum*	4	1	5
Chipmunk *Tamias striatus*	0	0	0	Chipmunk *Tamias striatus*	0	1	1	Chipmunk *Tamias striatus*	0	1	1
Subtotal Rodents	*75*	*103*	*178*		*85*	*84*	*169*		*160*	*187*	*347*
Smokey shrew *Sorex fumeus*	61	46	107	Smokey shrew *Sorex fumeus*	43	29	72	Smokey shrew *Sorex fumeus*	104	75	179
Masked shrew *Sorex cinereus*	37	20	57	Masked shrew *Sorex cinereus*	27	11	38	Masked shrew *Sorex cinereus*	64	31	95
Short-tailed shrew *Blarina brevicauda*	12	4	16	Short-tailed shrew *Blarina brevicauda*	11	12	23	Short-tailed shrew *Blarina brevicauda*	23	16	39
Pygmy shrew *Sorex hoyi*	8	5	13	Pygmy shrew *Sorex hoyi*	6	4	10	Pygmy shrew *Sorex hoyi*	14	9	23
N. Water Shrew *Sorex palustris*	0	0	0	N. Water Shrew *Sorex palustris*	0	1	1	N. Water Shrew *Sorex palustris*	0	1	1
Subtotal Shrews	*118*	*75*	*193*		*87*	*57*	*144*		*205*	*132*	*337*
Totals	**193**	**178**	**371**		**172**	**141**	**313**		**365**	**319**	**684**

Table 4: Relative abundance of mammal and amphibian species at Adams Creek and Van Campens, expressed as percent of captures at each site and overall.

Species	Adams Creek			Van Campens			Both Sites		
	1993	1994	Pooled	1993	1994	Pooled	1993	1994	Pooled
Amphibians:									
Red-backed salamander	9.0	38.2	22.9	44.0	52.1	48.4	24.7	45.3	35.1
Red-spotted newt	34.5	37.0	35.7	10.2	10.3	12.1	23.7	23.4	23.5
American toad	20.9	5.1	13.3	16.0	15.6	15.8	18.7	10.4	14.5
Slimy salamander	12.5	9.1	10.9	16.4	8.4	12.1	14.3	8.7	11.5
N. two-lined salamander	14.7	3.5	9.4	3.5	1.9	2.7	9.7	2.7	6.2
Green frog	7.2	2.8	5.1	6.2	7.2	6.8	6.7	5.0	5.9
Fowler's toad	0	0	0	2.2	1.1	1.6	1.0	0.6	0.8
Northern dusky salamander	0.4	0.8	0.6	1.3	0.4	0.8	0.8	0.6	0.7
Pickerel frog	0.4	0	0.2	0	0	0	0.2	0	0.1
Wood frog	0.4	1.6	0.9	0	0	0	0.2	0.8	0.5
Northern red salamander	0	0.8	0.4	0	1.9	1.0	0	1.4	0.7
Spotted salamander	0	1.2	0.6	0	0	0	0	0.6	0.3
Northern spring salamander	0	0	0	0	0.4	0.2	0	0.2	0.1
Bullfrog	0	0	0	0	0.4	0.2	0	0.2	0.1
Marbled salamander	0	0	0	0	0.4	0.2	0	0.2	0.1
Mammals:									
Shrews	***61.0***	***51.0***	***56.2***	***42.0***	***40.0***	***41.4***	***52.0***	***46.0***	***49.3***
Rodents	***39.0***	***49.0***	***43.8***	***58.0***	***60.0***	***58.6***	***48.0***	***54.0***	***50.7***
Smokey shrew	31.6	25.0	28.5	25.8	20.6	23.5	28.8	23.0	26.2
White-footed mouse	11.9	22.1	16.7	47.2	48.2	47.6	28.8	33.9	31.1
Masked shrew	19.2	15.7	17.5	11.2	7.8	9.7	15.4	12.1	13.9
Red-backed vole	14.0	15.1	14.5	7.3	9.9	8.5	10.8	12.8	11.7
Deer mouse	9.3	2.3	6.0	0	0	0	4.9	1.3	3.2
Short-tailed shrew	6.2	6.4	6.3	2.2	8.5	5.0	4.3	7.3	5.7
Pygmy shrew	4.1	3.5	3.8	2.8	2.8	2.8	3.5	3.2	3.4
Woodland jumping mouse	2.6	7.6	4.9	2.8	0.7	1.9	2.7	4.5	3.5
Meadow vole	1.0	0	0.5	0	0	0	0.5	0	0.3
Pine vole	0	2.3	1.0	0.6	0	0.3	0.27	1.3	0.7
Northern water shrew	0	0	0	0	0.7	0.3	0	0.32	0.2
Eastern chipmunk	0	0	0	0	0.7	0.3	0	0.32	0.2

Table 5. Means and standard deviations (± 1 s.d.) for mammal captures, amphibian captures, total captures and number of species captured per sample point categorized by sample point locations within site, transect, and trap location in array. Figures represent combined data for 1993 and 1994.

Mammals:

Adams Creek	2.61 ± 1.94	**Van Campens**	2.22 ± 1.61	**Both Sites:**	
Edge	2.10 ± 1.70	Edge	1.79 ± 1.44	Edge	1.95 ± 1.58
Middle	2.30 ± 1.61	Middle	2.23 ± 1.57	Middle	2.26 ± 1.58
Stream	3.40 ± 2.21	Stream	2.63 ± 1.72	Stream	3.01 ± 2.01
Downstream	2.83 ± 2.05	Downstream	2.26 ± 1.52	Downstream	2.54 ± 1.82
Upstream	2.39 ± 1.81	Upstream	2.17 ± 1.70	Upstream	2.27 ± 1.76

Amphibians:

Adams Creek	3.80 ± 2.41	**Van Campens**	3.39 ± 2.46	**Both Sites:**	
Edge	3.85 ± 2.67	Edge	4.08 ± 2.84	Edge	3.97 ± 2.74
Middle	3.36 ± 2.14	Middle	3.58 ± 2.49	Middle	3.48 ± 2.32
Stream	4.15 ± 2.35	Stream	2.50 ± 1.69	Stream	3.32 ± 2.20
Downstream	4.00 ± 2.82	Downstream	3.64 ± 2.69	Downstream	3.82 ± 2.75
Upstream	3.60 ± 1.90	Upstream	3.13 ± 2.20	Upstream	3.37 ± 2.06

Total Captures:

Adams Creek	6.41 ± 3.15	**Van Campens**	5.60 ± 2.84	**Both Sites:**	
Edge	5.96 ± 3.45	Edge	5.88 ± 2.93	Edge	5.92 ± 3.18
Middle	5.66 ± 2.84	Middle	5.81 ± 3.27	Middle	5.74 ± 3.06
Stream	7.54 ± 2.82	Stream	5.13 ± 2.21	Stream	6.33 ± 2.80
Downstream	6.83 ± 3.51	Downstream	5.90 ± 2.97	Downstream	6.36 ± 3.27
Upstream	5.99 ± 2.69	Upstream	5.31 ± 2.69	Upstream	5.64 ± 2.70

Number of Species:

Adams Creek	4.06 ± 1.63	**Van Campens**	3.55 ± 1.48	**Both Sites:**	
Edge	3.52 ± 1.50	Edge	3.50 ± 1.61	Edge	3.51 ± 1.55
Middle	3.64 ± 1.50	Middle	3.48 ± 1.49	Middle	3.55 ± 1.49
Stream	5.00 ± 1.47	Stream	3.67 ± 1.36	Stream	4.33 ± 1.56
Downstream	4.27 ± 1.71	Downstream	3.68 ± 1.43	Downstream	3.97 ± 1.60
Upstream	3.86 ± 1.53	Upstream	3.42 ± 1.53	Upstream	3.63 ± 1.54

Table 6. Analysis of Variance showing the effects of Year, Site, Transect and Trap on mean total captures of mammals and amphibians per sample point. The data for 1993 and 1994 were combined for this analysis.

Source	d.f.	Sum of Squares	F	*p*
Year	1	6.81690141	0.82	0.3660
Site	1	45.76964286	5.51	0.0197
Year x Site	1	7.65432875	0.92	0.3382
Transect	2	16.77876401	1.01	0.3659
Year x Transect	2	74.91112278	4.51	0.0119
Site x Transect	2	95.91939617	5.77	0.0035
Year x Site x Transect	2	4.22938948	0.25	0.7756
Trap	1	36.63380282	4.41	0.0368
Year x Trap	1	17.25352113	2.08	0.1509
Site x Trap	1	1.07076068	0.13	0.7200
Year x Site x Trap	1	40.33199475	4.85	0.0285
Transect x Trap	2	3.76051004	0.23	0.7977
Year x Transect x Trap	2	9.15222923	0.55	0.5773
Site x Transect x Trap	2	46.30575980	2.79	0.0636
Year x Site x Transect x Trap	2	6.07096702	0.37	0.6944

Table 7. Analysis of Variance showing the effects of Year, Site, Transect and Trap on mean captures of mammals per sample point. The data for 1993 and 1994 were combined for this analysis.

Source	d.f.	Sum of Squares	F	*p*
Year	1	11.84507042	3.98	0.0471
Site	1	10.90047228	3.66	0.0568
Year x Site	1	0.81187402	0.27	0.6020
Transect	2	56.92574113	9.56	0.0001
Year x Transect	2	1.10653595	0.19	0.8305
Site x Transect	2	6.03024733	1.01	0.3647
Year x Site x Transect	2	4.21568627	0.71	0.4936
Trap	1	5.08450704	1.71	0.1925
Year x Trap	1	1.40845070	0.47	0.4922
Site x Trap	1	2.12005645	0.71	0.3996
Year x Site x Trap	1	2.32944612	0.78	0.3773
Transect x Trap	2	3.20781396	0.54	0.5842
Year x Transect x Trap	2	7.83685808	1.32	0.2700
Site x Transect x Trap	2	16.49103164	2.77	0.0646
Year x Site x Transect x Trap	2	0.10138146	0.02	0.9831

Table 8. Analysis of Variance showing the effects of Year, Site, Transect and Trap on mean captures of amphibians per sample point. The data for 1993 and 1994 were combined for this analysis.

Source	d.f.	Sum of Squares	F	*p*
Year	1	0.69014085	0.13	0.7205
Site	1	11.99749609	2.23	0.1365
Year x Site	1	13.45192265	2.50	0.1150
Transect	2	21.58668301	2.01	0.1365
Year x Transect	2	88.56994631	8.23	0.0003
Site x Transect	2	55.56205437	5.16	0.0063
Year x Site x Transect	2	14.33723262	1.33	0.2655
Trap	1	14.42253521	2.68	0.1027
Year x Trap	1	8.80281690	1.64	0.2019
Site x Trap	1	0.17746479	0.03	0.8560
Year x Site x Trap	1	23.27575453	4.33	0.0385
Transect x Trap	2	4.35465686	0.40	0.6675
Year x Transect x Trap	2	13.42755602	1.25	0.2887
Site x Transect x Trap	2	7.84458556	0.73	0.4833
Year x Site x Transect x Trap	2	7.64917558	0.71	0.4921

Table 9. Analysis of Variance showing the effects of Year, Site, Transect and Trap on mean number of species captured per sample point. The data for 1993 and 1994 were combined for this analysis.

Source	d.f.	Sum of Squares	F	*p*
Year	1	11.04225352	5.18	0.0236
Site	1	18.87659569	8.86	0.0032
Year x Site	1	0.40992902	0.19	0.6613
Transect	2	40.40513976	9.48	0.0001
Year x Transect	2	2.70513976	0.63	0.5308
Site x Transect	2	24.86919285	5.84	0.0033
Year x Site x Transect	2	2.39192012	0.56	0.5711
Trap	1	8.11267606	3.81	0.0521
Year x Trap	1	6.81690141	3.20	0.0748
Site x Trap	1	0.40141125	0.19	0.6646
Year x Site x Trap	1	13.26861446	6.23	0.0132
Transect x Trap	2	1.47289187	0.35	0.7080
Year x Transect x Trap	2	0.30955153	0.07	0.9299
Site x Transect x Trap	2	9.14559659	2.15	0.1190
Year x Site x Transect x Trap	2	6.85114472	1.61	0.2023

Table 10: Stepwise Discriminant Analysis relating habitat variables to total captures at each trap. Summary statistics for the high capture group and p-values for inclusion are reported for each variable selected by the analysis. Data from 1993 and 1994 were combined for this analysis.

Step	*Variable*	*Partial R^2*	*Ave. Squared Canonical Correlation*	*Prob > ASCC*	*Relationship to Total Captures*
1	PGVEG	0.0464	0.04641833	0.0015	positive
2	SWSD	0.0199	0.06543876	0.0008	positive
3	LIDE	0.0099	0.07469673	0.0010	positive

Table 11: Stepwise Discriminant Analysis relating habitat variables to total mammal captures at each trap. Summary statistics for the high capture group and p-values for inclusion are reported for each variable selected by the analysis. Data from 1993 and 1994 were combined for this analysis.

Step	*Variable*	*Partial R^2*	*Ave. Squared Canonical Correlation*	*Prob > ASCC*	*Relationship to Mammal Captures*
1	PGVEG	0.0366	0.03656547	0.0013	positive
2	DITW	0.0202	0.05603796	0.0003	negative
3	FLDE	0.0092	0.06474815	0.0003	positive
4	PODEC	0.0084	0.07256025	0.0003	positive

Table 12: Stepwise Discriminant Analysis relating habitat variables to total amphibian captures at each trap. Summary statistics for the high capture group and p-values for inclusion are reported for each variable selected by the analysis. Data from 1993 and 1994 were combined for this analysis.

Step	*Variable*	*Partial R^2*	*Ave. Squared Canonical Correlation*	*Prob > ASCC*	*Relationship to Amphibian Captures*
1	NUWS	0.0283	0.02829954	0.0048	positive
2	LIDE	0.0176	0.04536859	0.0016	positive
3	FLDE	0.0190	0.06347537	0.0004	negative
4	PGROCK	0.0120	0.07469299	0.0003	negative
5	UWSD	0.0116	0.08538881	0.0002	negative
6	SWSD	0.0099	0.09448345	0.0001	positive

Table 13: Habitat variables retained at a p-value of 0.15 by Stepwise Discriminant Analysis for individual mammal species. Data for both 1993 and 1994 were combined for this analysis. A "+" indicates that the mean for the variable was higher for the group of traps with captures of the species than at those without captures of the species. A "-" indicates that the mean for the variable was lower at traps where the species was caught than at those where they were not. See Table 1 for habitat variable codes.

Species	Smokey shrew	White-footed mouse	Masked shrew	Red-backed vole	Deer mouse	Short-tailed shrew	Pygmy shrew	Woodland jumping mouse
DITW	-						+	
SLOPE		-			+	-		
NUWS				-				
WOSD					+			
SWSD			-					
NUHS				+	+		-	
HESD	+		-	-			+	
SHSD					-		-	
LIDE					+			+
OWSD								
UWSD		+						
OVTD	+						-	
UNTD		-		+	+		+	
TSDE			-					
TRSD								
SNDE			-					
SNDI								
FLDE	+		+					
FALD				-		-		+
HEUN		+						
HEOS					+			
POCL								
PODEC			+					
POPIN		-						+
POHEM	+							
OVEV								
PGVEG			+	-	+			
PGLIT		-						
PGROCK		+						+
PGWATER	-		+					

Table 14: Habitat variables retained at a p-value of 0.15 or less by Stepwise Discriminant Analysis for individual amphibian species. Data for both 1993 and 1994 were combined for this analysis. A "+" indicates that the mean for the variable was higher for the group of traps with captures of the species than at those without captures of the species. A "-" indicates that the mean for the variable was lower at traps where the species was caught than at those where they were not. See Table 1 for habitat variable codes.

Species	Red-backed salamander	Red-spotted newt	American Toad	Slimy salamander	Two-lined Salamander	Green Frog
DITW		+		-	-	
SLOPE	+	-		+		
NUWS	+	-				
WOSD						
SWSD		+	+			
NUHS	-					
HESD	+		+			+
SHSD		+				-
LIDE	-	+	+	+	+	
OWSD			+			
UWSD				-	+	
OVTD	-					
UNTD		+				
TSDE				-	-	
TRSD						
SNDE	+	-			-	
SNDI						
FLDE		-				
FALD					+	
HEUN						-
HEOS						
POCL						
PODEC						
POPIN	-		+			+
POHEM						
OVEV					-	
PGVEG	-	+				
PGLIT					-	
PGROCK		-	-		-	
PGWATER						

Appendix I- 1993 Capture Summary Table

SITE	DATE	TRANSECT	TRAP	TYPE	ARRAY	TAXA	SPECIES	SPECIES
Adams Creek	8/18/93	Stream	D	Pitfall	12	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/18/93	Stream	D	Pitfall	12	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/18/93	Stream	U	Pitfall	1	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/18/93	Stream	D	Pitfall	3	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/18/93	Edge	U	Pitfall	12	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/18/93	Edge	D	Pitfall	12	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/18/93	Edge	D	Pitfall	7	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/18/93	Edge	U	Pitfall	6	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/18/93	Edge	U	Pitfall	3	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/18/93	Edge	D	Pitfall	1	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/18/93	Middle	D	Pitfall	2	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/18/93	Middle	D	Pitfall	6	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/18/93	Stream	U	Pitfall	2	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/18/93	Stream	U	Pitfall	4	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/18/93	Stream	D	Pitfall	9	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/18/93	Stream	U	Pitfall	10	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/18/93	Middle	U	Pitfall	9	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/18/93	Middle	U	Pitfall	9	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/18/93	Stream	D	Pitfall	12	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/18/93	Middle	D	Pitfall	11	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/18/93	Middle	D	Pitfall	9	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/18/93	Middle	D	Pitfall	7	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/18/93	Edge	D	Pitfall	12	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/18/93	Edge	D	Pitfall	9	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/18/93	Edge	D	Pitfall	9	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/18/93	Edge	U	Pitfall	8	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/18/93	Edge	U	Pitfall	8	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/18/93	Edge	D	Pitfall	8	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/18/93	Edge	U	Pitfall	6	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/18/93	Edge	D	Pitfall	5	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/18/93	Edge	D	Pitfall	5	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/18/93	Edge	D	Pitfall	4	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/18/93	Edge	D	Pitfall	4	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/18/93	Edge	U	Pitfall	3	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/18/93	Edge	D	Pitfall	3	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/18/93	Edge	U	Pitfall	1	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/18/93	Middle	U	Pitfall	3	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/18/93	Middle	D	Pitfall	3	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/18/93	Middle	U	Pitfall	4	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/18/93	Middle	U	Pitfall	4	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/18/93	Middle	U	Pitfall	5	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/18/93	Middle	D	Pitfall	5	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/18/93	Middle	D	Pitfall	5	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/18/93	Stream	D	Pitfall	9	Amphib.	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/18/93	Middle	U	Pitfall	10	Amphib.	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/18/93	Stream	U	Pitfall	10	Amphib.	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/18/93	Stream	D	Pitfall	10	Amphib.	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/18/93	Stream	U	Pitfall	11	Amphib.	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/18/93	Middle	U	Pitfall	8	Amphib.	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/18/93	Middle	D	Pitfall	8	Amphib.	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/18/93	Middle	D	Pitfall	1	Amphib.	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/18/93	Edge	D	Pitfall	5	Amphib.	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/18/93	Middle	D	Pitfall	6	Amphib.	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/18/93	Middle	U	Pitfall	10	Amphib.	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/18/93	Middle	D	Pitfall	11	Amphib.	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/18/93	Edge	D	Pitfall	4	Amphib.	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/18/93	Stream	D	Pitfall	12	Amphib.	Green frog	*Rana clamitans*
Adams Creek	8/18/93	Edge	D	Pitfall	9	Amphib.	Green frog	*Rana clamitans*

Adams Creek	8/18/93	Edge	D	Pitfall	8	Amphib.	Green frog	*Rana clamitans*
Adams Creek	8/18/93	Middle	D	Pitfall	2	Amphib.	Green frog	*Rana clamitans*
Adams Creek	8/18/93	Stream	D	Pitfall	10	Mamm.	Short-tailed shrew	*Blarina brevicauda*
Adams Creek	8/18/93	Edge	D	Pitfall	9	Mamm.	Short-tailed shrew	*Blarina brevicauda*
Adams Creek	8/18/93	Stream	D	Pitfall	1	Mamm.	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/18/93	Stream	D	Pitfall	4	Mamm.	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/18/93	Stream	D	Pitfall	8	Mamm.	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/18/93	Middle	D	Pitfall	9	Mamm.	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/18/93	Edge	U	Pitfall	2	Mamm.	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/18/93	Middle	D	Pitfall	3	Mamm.	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/18/93	Middle	D	Pitfall	4	Mamm.	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/18/93	Middle	U	Pitfall	6	Mamm.	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/18/93	Middle	D	Pitfall	2	Mamm.	W. Jumping mouse	*Napeozapus insignis*
Adams Creek	8/18/93	Middle	U	Pitfall	8	Mamm.	White-footed mouse	*Peromyscus leuocopus*
Adams Creek	8/18/93	Middle	D	Pitfall	8	Mamm.	White-footed mouse	*Peromyscus leuocopus*
Adams Creek	8/18/93	Edge	U	Pitfall	11	Mamm.	White-footed mouse	*Peromyscus leuocopus*
Adams Creek	8/18/93	Edge	U	Pitfall	10	Mamm.	White-footed mouse	*Peromyscus leuocopus*
Adams Creek	8/18/93	Edge	U	Pitfall	6	Mamm.	White-footed mouse	*Peromyscus leuocopus*
Adams Creek	8/18/93	Stream	U	Snap trap	4	Mamm.	White-footed mouse	*Peromyscus leuocopus*
Adams Creek	8/18/93	Stream	U	Snap trap	5	Mamm.	White-footed mouse	*Peromyscus leuocopus*
Adams Creek	8/18/93	Stream	D	Pitfall	3	Mamm.	Deer mouse	*Peromyscus maniculatus*
Adams Creek	8/18/93	Stream	D	Pitfall	7	Mamm.	Deer mouse	*Peromyscus maniculatus*
Adams Creek	8/18/93	Stream	U	Pitfall	8	Mamm.	Deer mouse	*Peromyscus maniculatus*
Adams Creek	8/18/93	Stream	U	Pitfall	9	Mamm.	Deer mouse	*Peromyscus maniculatus*
Adams Creek	8/18/93	Middle	U	Pitfall	8	Mamm.	Deer mouse	*Peromyscus maniculatus*
Adams Creek	8/18/93	Middle	U	Pitfall	7	Mamm.	Deer mouse	*Peromyscus maniculatus*
Adams Creek	8/18/93	Middle	U	Pitfall	7	Mamm.	Deer mouse	*Peromyscus maniculatus*
Adams Creek	8/18/93	Edge	D	Pitfall	6	Mamm.	Deer mouse	*Peromyscus maniculatus*
Adams Creek	8/18/93	Stream	U	Pitfall	1	Mamm.	Masked shrew	*Sorex cinereus*
Adams Creek	8/18/93	Stream	D	Pitfall	4	Mamm.	Masked shrew	*Sorex cinereus*
Adams Creek	8/18/93	Stream	U	Pitfall	10	Mamm.	Masked shrew	*Sorex cinereus*
Adams Creek	8/18/93	Middle	U	Pitfall	8	Mamm.	Masked shrew	*Sorex cinereus*
Adams Creek	8/18/93	Middle	U	Pitfall	8	Mamm.	Masked shrew	*Sorex cinereus*
Adams Creek	8/18/93	Middle	U	Pitfall	8	Mamm.	Masked shrew	*Sorex cinereus*
Adams Creek	8/18/93	Edge	D	Pitfall	10	Mamm.	Masked shrew	*Sorex cinereus*
Adams Creek	8/18/93	Edge	D	Pitfall	4	Mamm.	Masked shrew	*Sorex cinereus*
Adams Creek	8/18/93	Edge	D	Pitfall	4	Mamm.	Masked shrew	*Sorex cinereus*
Adams Creek	8/18/93	Edge	U	Pitfall	2	Mamm.	Masked shrew	*Sorex cinereus*
Adams Creek	8/18/93	Edge	D	Pitfall	1	Mamm.	Masked shrew	*Sorex cinereus*
Adams Creek	8/18/93	Middle	D	Pitfall	3	Mamm.	Masked shrew	*Sorex cinereus*
Adams Creek	8/18/93	Middle	U	Pitfall	4	Mamm.	Masked shrew	*Sorex cinereus*
Adams Creek	8/18/93	Middle	U	Pitfall	6	Mamm.	Masked shrew	*Sorex cinereus*
Adams Creek	8/18/93	Middle	U	Pitfall	8	Mamm.	Masked shrew	*Sorex cinereus*
Adams Creek	8/18/93	Stream	U	Pitfall	12	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/18/93	Stream	D	Pitfall	2	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/18/93	Stream	D	Pitfall	7	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/18/93	Stream	D	Pitfall	8	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/18/93	Stream	D	Pitfall	9	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/18/93	Middle	D	Pitfall	10	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/18/93	Stream	D	Pitfall	10	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/18/93	Stream	U	Pitfall	11	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/18/93	Middle	U	Pitfall	11	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/18/93	Middle	U	Pitfall	9	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/18/93	Middle	D	Pitfall	8	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/18/93	Middle	D	Pitfall	1	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/18/93	Edge	D	Pitfall	10	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/18/93	Edge	D	Pitfall	10	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/18/93	Edge	D	Pitfall	8	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/18/93	Edge	D	Pitfall	4	Mamm.	Smokey shrew	*Sorex fumeus*

Adams Creek	8/18/93	Middle	U	Pitfall	5	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/18/93	Middle	U	Pitfall	5	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/18/93	Middle	U	Pitfall	6	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/18/93	Stream	D	Pitfall	11	Mamm.	Pygmy shrew	*Sorex hoyi*
Adams Creek	8/18/93	Edge	U	Pitfall	11	Mamm.	Pygmy shrew	*Sorex hoyi*
VanCampens	8/18/93	Middle	D	Pitfall	12	Amphib.	American toad	*Bufo americanus*
VanCampens	8/18/93	Stream	U	Pitfall	2	Amphib.	N. Dusky salamander	*Desmognathus fuscus*
VanCampens	8/18/93	Stream	U	Pitfall	2	Amphib.	N. Dusky salamander	*Desmognathus fuscus*
VanCampens	8/18/93	Middle	D	Pitfall	1	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
VanCampens	8/18/93	Edge	U	Pitfall	3	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
VanCampens	8/18/93	Edge	U	Pitfall	11	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
VanCampens	8/18/93	Edge	U	Pitfall	1	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
VanCampens	8/18/93	Edge	U	Pitfall	3	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
VanCampens	8/18/93	Edge	D	Pitfall	10	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
VanCampens	8/18/93	Middle	D	Pitfall	11	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
VanCampens	8/18/93	Middle	D	Pitfall	9	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
VanCampens	8/18/93	Middle	U	Pitfall	5	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
VanCampens	8/18/93	Middle	U	Pitfall	1	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
VanCampens	8/18/93	Middle	U	Pitfall	1	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
VanCampens	8/18/93	Edge	D	Pitfall	11	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/18/93	Edge	U	Pitfall	5	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/18/93	Edge	U	Pitfall	9	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/18/93	Middle	D	Pitfall	12	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/18/93	Middle	U	Pitfall	12	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/18/93	Middle	D	Pitfall	11	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/18/93	Middle	D	Pitfall	8	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/18/93	Middle	U	Pitfall	8	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/18/93	Middle	U	Pitfall	8	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/18/93	Middle	D	Pitfall	7	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/18/93	Middle	D	Pitfall	7	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/18/93	Middle	D	Pitfall	7	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/18/93	Middle	D	Pitfall	5	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/18/93	Middle	D	Pitfall	3	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/18/93	Middle	U	Pitfall	1	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/18/93	Stream	D	Pitfall	12	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/18/93	Edge	U	Pitfall	8	Amphib.	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/18/93	Edge	D	Pitfall	8	Amphib.	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/18/93	Edge	U	Pitfall	9	Amphib.	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/18/93	Middle	U	Pitfall	10	Amphib.	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/18/93	Middle	U	Pitfall	7	Amphib.	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/18/93	Middle	U	Pitfall	12	Amphib.	Green frog	*Rana clamitans*
VanCampens	8/18/93	Stream	U	Pitfall	2	Mamm.	Red-backed vole	*Clethrionomys gapperi*
VanCampens	8/18/93	Edge	D	Pitfall	2	Mamm.	Red-backed vole	*Clethrionomys gapperi*
VanCampens	8/18/93	Stream	U	Pitfall	12	Mamm.	W. Jumping mouse	*Napeozapus insignis*
VanCampens	8/18/93	Stream	U	Pitfall	3	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/18/93	Stream	D	Pitfall	11	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/18/93	Edge	D	Pitfall	12	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/18/93	Middle	D	Pitfall	12	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/18/93	Edge	D	Pitfall	11	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/18/93	Middle	D	Pitfall	10	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/18/93	Middle	U	Pitfall	10	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/18/93	Middle	U	Pitfall	9	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/18/93	Middle	D	Pitfall	6	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/18/93	Middle	D	Pitfall	5	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/18/93	Middle	U	Pitfall	4	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/18/93	Middle	D	Pitfall	3	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/18/93	Middle	U	Pitfall	2	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/18/93	Edge	U	Pitfall	6	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/18/93	Edge	U	Pitfall	10	Mamm.	White-footed mouse	*Peromyscus leuocopus*

VanCampens	8/18/93	Stream	D	Snap trap	4	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/18/93	Stream	D	Snap trap	5	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/18/93	Stream	U	Snap trap	7	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/18/93	Middle	D	Snap trap	11	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/18/93	Middle	D	Snap trap	10	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/18/93	Middle	U	Snap trap	8	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/18/93	Edge	U	Snap trap	10	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/18/93	Stream	U	Pitfall	5	Mamm.	Masked shrew	*Sorex cinereus*
VanCampens	8/18/93	Stream	U	Pitfall	9	Mamm.	Masked shrew	*Sorex cinereus*
VanCampens	8/18/93	Stream	U	Pitfall	9	Mamm.	Masked shrew	*Sorex cinereus*
VanCampens	8/18/93	Stream	D	Pitfall	9	Mamm.	Masked shrew	*Sorex cinereus*
VanCampens	8/18/93	Stream	D	Pitfall	9	Mamm.	Masked shrew	*Sorex cinereus*
VanCampens	8/18/93	Stream	D	Pitfall	10	Mamm.	Masked shrew	*Sorex cinereus*
VanCampens	8/18/93	Stream	D	Pitfall	12	Mamm.	Masked shrew	*Sorex cinereus*
VanCampens	8/18/93	Middle	D	Pitfall	2	Mamm.	Masked shrew	*Sorex cinereus*
VanCampens	8/18/93	Edge	D	Pitfall	4	Mamm.	Masked shrew	*Sorex cinereus*
VanCampens	8/18/93	Stream	D	Pitfall	2	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/18/93	Stream	D	Pitfall	7	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/18/93	Stream	U	Pitfall	8	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/18/93	Stream	U	Pitfall	8	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/18/93	Stream	U	Pitfall	8	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/18/93	Stream	U	Pitfall	8	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/18/93	Stream	U	Pitfall	9	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/18/93	Stream	U	Pitfall	9	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/18/93	Stream	D	Pitfall	11	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/18/93	Middle	U	Pitfall	10	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/18/93	Middle	U	Pitfall	10	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/18/93	Middle	D	Pitfall	9	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/18/93	Middle	U	Pitfall	7	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/18/93	Edge	U	Pitfall	1	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/18/93	Edge	U	Pitfall	5	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/18/93	Edge	U	Pitfall	5	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/18/93	Edge	D	Pitfall	10	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/18/93	Stream	U	Pitfall	5	Mamm.	Pygmy shrew	*Sorex hoyi*
VanCampens	8/18/93	Edge	U	Pitfall	4	Mamm.	Pygmy shrew	*Sorex hoyi*
Adams Creek	8/19/93	Middle	D	Pitfall	1	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/19/93	Edge	D	Pitfall	9	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/19/93	Edge	D	Pitfall	2	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/19/93	Stream	U	Pitfall	12	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/19/93	Stream	U	Pitfall	9	Amphib.	N. Dusky salamander	*Desmognathus fuscus*
Adams Creek	8/19/93	Stream	U	Pitfall	2	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/19/93	Stream	U	Pitfall	2	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/19/93	Stream	D	Pitfall	4	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/19/93	Stream	U	Pitfall	5	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/19/93	Stream	U	Pitfall	5	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/19/93	Stream	D	Pitfall	8	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/19/93	Middle	U	Pitfall	7	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/19/93	Edge	U	Pitfall	8	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/19/93	Edge	D	Pitfall	8	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/19/93	Edge	D	Pitfall	7	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/19/93	Edge	D	Pitfall	6	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/19/93	Edge	U	Pitfall	5	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/19/93	Edge	D	Pitfall	5	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/19/93	Middle	U	Pitfall	3	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/19/93	Stream	D	Pitfall	2	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/19/93	Middle	U	Pitfall	10	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/19/93	Edge	U	Pitfall	8	Amphib.	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/19/93	Middle	U	Pitfall	6	Amphib.	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/19/93	Edge	D	Pitfall	4	Amphib.	Slimy salamander	*Plethodon glutinosis*

Adams Creek	8/19/93	Middle	U	Pitfall	2	Amphib.	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/19/93	Stream	D	Pitfall	5	Amphib.	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/19/93	Stream	U	Pitfall	7	Amphib.	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/19/93	Middle	D	Pitfall	10	Amphib.	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/19/93	Edge	D	Pitfall	2	Amphib.	Green frog	*Rana clamitans*
Adams Creek	8/19/93	Middle	D	Pitfall	2	Amphib.	Green frog	*Rana clamitans*
Adams Creek	8/19/93	Middle	D	Pitfall	5	Amphib.	Green frog	*Rana clamitans*
Adams Creek	8/19/93	Middle	D	Pitfall	10	Amphib.	Green frog	*Rana clamitans*
Adams Creek	8/19/93	Stream	D	Pitfall	7	Mamm.	Short-tailed shrew	*Blarina brevicauda*
Adams Creek	8/19/93	Stream	D	Pitfall	8	Mamm.	Short-tailed shrew	*Blarina brevicauda*
Adams Creek	8/19/93	Edge	U	Pitfall	5	Mamm.	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/19/93	Edge	D	Pitfall	1	Mamm.	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/19/93	Middle	U	Pitfall	2	Mamm.	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/19/93	Stream	U	Pitfall	5	Mamm.	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/19/93	Stream	U	Pitfall	7	Mamm.	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/19/93	Stream	U	Pitfall	11	Mamm.	W. Jumping mouse	*Napeozapus insignis*
Adams Creek	8/19/93	Stream	D	Snap trap	2	Mamm.	W. Jumping mouse	*Napeozapus insignis*
Adams Creek	8/19/93	Middle	U	Snap trap	11	Mamm.	White-footed mouse	*Peromyscus leuocopus*
Adams Creek	8/19/93	Edge	D	Pitfall	8	Mamm.	Deer mouse	*Peromyscus maniculatus*
Adams Creek	8/19/93	Middle	U	Pitfall	3	Mamm.	Deer mouse	*Peromyscus maniculatus*
Adams Creek	8/19/93	Stream	D	Pitfall	12	Mamm.	Masked shrew	*Sorex cinereus*
Adams Creek	8/19/93	Stream	D	Pitfall	4	Mamm.	Masked shrew	*Sorex cinereus*
Adams Creek	8/19/93	Stream	U	Pitfall	5	Mamm.	Masked shrew	*Sorex cinereus*
Adams Creek	8/19/93	Stream	U	Pitfall	7	Mamm.	Masked shrew	*Sorex cinereus*
Adams Creek	8/19/93	Middle	U	Pitfall	10	Mamm.	Masked shrew	*Sorex cinereus*
Adams Creek	8/19/93	Middle	U	Pitfall	8	Mamm.	Masked shrew	*Sorex cinereus*
Adams Creek	8/19/93	Edge	U	Pitfall	7	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/19/93	Middle	U	Pitfall	6	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/19/93	Stream	U	Pitfall	12	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/19/93	Stream	D	Pitfall	1	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/19/93	Stream	U	Pitfall	5	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/19/93	Stream	U	Pitfall	7	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/19/93	Stream	D	Pitfall	8	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/19/93	Stream	D	Pitfall	8	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/19/93	Stream	U	Pitfall	9	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/19/93	Stream	D	Pitfall	10	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/19/93	Middle	U	Pitfall	11	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/19/93	Edge	D	Pitfall	5	Mamm.	Pygmy shrew	*Sorex hoyi*
VanCampens	8/19/93	Middle	U	Pitfall	10	Amphib.	Fowler's toad	*Bufo woodhousei*
VanCampens	8/19/93	Stream	U	Pitfall	2	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
VanCampens	8/19/93	Stream	D	Pitfall	6	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
VanCampens	8/19/93	Middle	D	Pitfall	3	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
VanCampens	8/19/93	Stream	U	Pitfall	1	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
VanCampens	8/19/93	Stream	D	Pitfall	10	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
VanCampens	8/19/93	Edge	V	Pitfall	12	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/19/93	Edge	U	Pitfall	6	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/19/93	Edge	U	Pitfall	4	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/19/93	Edge	D	Pitfall	1	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/19/93	Middle	L	Pitfall	12	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/19/93	Middle	D	Pitfall	4	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/19/93	Stream	U	Pitfall	8	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/19/93	Stream	D	Pitfall	8	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/19/93	Stream	U	Pitfall	12	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/19/93	Stream	D	Pitfall	12	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/19/93	Stream	U	Pitfall	9	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/19/93	Middle	D	Pitfall	10	Amphib.	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/19/93	Edge	U	Pitfall	10	Amphib.	Green frog	*Rana clamitans*
VanCampens	8/19/93	Stream	D	Pitfall	11	Mamm.	Short-tailed shrew	*Blarina brevicauda*
VanCampens	8/19/93	Middle	U	Snap trap	3	Mamm.	Short-tailed shrew	*Blarina brevicauda*

VanCampens	8/19/93	Stream	D	Pitfall	2	Mamm.	Red-backed vole	*Clethrionomys gapperi*
VanCampens	8/19/93	Stream	U	Pitfall	7	Mamm.	Red-backed vole	*Clethrionomys gapperi*
VanCampens	8/19/93	Stream	U	Pitfall	9	Mamm.	Red-backed vole	*Clethrionomys gapperi*
VanCampens	8/19/93	Stream	U	Pitfall	9	Mamm.	Red-backed vole	*Clethrionomys gapperi*
VanCampens	8/19/93	Stream	U	Pitfall	4	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/19/93	Stream	U	Pitfall	5	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/19/93	Stream	D	Pitfall	9	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/19/93	Stream	U	Pitfall	10	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/19/93	Middle	D	Pitfall	11	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/19/93	Edge	D	Pitfall	9	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/19/93	Edge	D	Pitfall	4	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/19/93	Middle	D	Pitfall	6	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/19/93	Middle	U	Pitfall	10	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/19/93	Edge	D	Pitfall	9	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/19/93	Edge	D	Snap trap	11	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/19/93	Edge	U	Snap trap	4	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/19/93	Edge	D	Snap trap	3	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/19/93	Edge	D	Snap trap	2	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/19/93	Edge	D	Snap trap	1	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/19/93	Middle	U	Snap trap	4	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/19/93	Edge	U	Pitfall	9	Mamm.	Masked shrew	*Sorex cinereus*
VanCampens	8/19/93	Edge	U	Pitfall	7	Mamm.	Masked shrew	*Sorex cinereus*
VanCampens	8/19/93	Middle	U	Pitfall	5	Mamm.	Masked shrew	*Sorex cinereus*
VanCampens	8/19/93	Stream	D	Pitfall	2	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/19/93	Stream	U	Pitfall	4	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/19/93	Edge	U	Pitfall	2	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/19/93	Middle	U	Pitfall	3	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/19/93	Middle	U	Pitfall	10	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/19/93	Edge	U	Pitfall	2	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/20/93	Edge	U	Pitfall	1	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/20/93	Stream	U	Pitfall	12	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/20/93	Stream	U	Pitfall	2	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/20/93	Stream	U	Pitfall	5	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/20/93	Stream	D	Pitfall	11	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/20/93	Edge	D	Pitfall	7	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/20/93	Edge	D	Pitfall	7	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/20/93	Edge	D	Pitfall	2	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/20/93	Middle	D	Pitfall	5	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/20/93	Middle	U	Pitfall	11	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/20/93	Middle	D	Pitfall	9	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/20/93	Edge	U	Pitfall	2	Amphib.	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/20/93	Edge	U	Pitfall	4	Amphib.	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/20/93	Stream	U	Pitfall	2	Amphib.	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/20/93	Middle	D	Pitfall	10	Amphib.	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/20/93	Middle	U	Pitfall	8	Amphib.	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/20/93	Edge	U	Pitfall	1	Amphib.	Green frog	*Rana clamitans*
Adams Creek	8/20/93	Stream	D	Pitfall	5	Amphib.	Green frog	*Rana clamitans*
Adams Creek	8/20/93	Stream	U	Pitfall	10	Mamm.	Short-tailed shrew	*Blarina brevicauda*
Adams Creek	8/20/93	Edge	D	Pitfall	3	Mamm.	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/20/93	Stream	D	Pitfall	7	Mamm.	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/20/93	Stream	D	Pitfall	1	Mamm.	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/20/93	Edge	D	Pitfall	5	Mamm.	White-footed mouse	*Peromyscus leuocopus*
Adams Creek	8/20/93	Edge	U	Pitfall	10	Mamm.	White-footed mouse	*Peromyscus leuocopus*
Adams Creek	8/20/93	Stream	D	Snap trap	4	Mamm.	White-footed mouse	*Peromyscus leuocopus*
Adams Creek	8/20/93	Edge	U	Pitfall	6	Mamm.	Deer mouse	*Peromyscus maniculatus*
Adams Creek	8/20/93	Edge	U	Pitfall	3	Mamm.	Deer mouse	*Peromyscus maniculatus*
Adams Creek	8/20/93	Stream	D	Pitfall	9	Mamm.	Deer mouse	*Peromyscus maniculatus*
Adams Creek	8/20/93	Middle	U	Pitfall	10	Mamm.	Masked shrew	*Sorex cinereus*
Adams Creek	8/20/93	Edge	D	Pitfall	5	Mamm.	Smokey shrew	*Sorex fumeus*

Adams Creek	8/20/93	Stream	U	Pitfall	12	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/20/93	Stream	U	Pitfall	12	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/20/93	Stream	U	Pitfall	12	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/20/93	Stream	U	Pitfall	7	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/20/93	Stream	U	Pitfall	7	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/20/93	Stream	D	Pitfall	7	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/20/93	Stream	U	Pitfall	8	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/20/93	Stream	D	Pitfall	10	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/20/93	Middle	D	Pitfall	1	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/20/93	Middle	D	Pitfall	11	Mamm.	Pygmy shrew	*Sorex hoyi*
VanCampens	8/20/93	Edge	U	Pitfall	8	Amphib.	American toad	*Bufo americanus*
VanCampens	8/20/93	Stream	D	Pitfall	6	Amphib.	American toad	*Bufo americanus*
VanCampens	8/20/93	Stream	U	Pitfall	2	Amphib.	N. Dusky salamander	*Desmognathus fuscus*
VanCampens	8/20/93	Stream	U	Pitfall	1	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
VanCampens	8/20/93	Edge	D	Pitfall	7	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/20/93	Middle	U	Pitfall	5	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/20/93	Middle	U	Pitfall	1	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/20/93	Stream	D	Pitfall	12	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/20/93	Stream	U	Pitfall	12	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/20/93	Stream	U	Pitfall	11	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/20/93	Middle	U	Pitfall	12	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/20/93	Middle	D	Pitfall	9	Amphib.	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/20/93	Stream	D	Pitfall	1	Mamm.	Red-backed vole	*Clethrionomys gapperi*
VanCampens	8/20/93	Stream	D	Pitfall	9	Mamm.	Red-backed vole	*Clethrionomys gapperi*
VanCampens	8/20/93	Middle	U	Pitfall	8	Mamm.	W. Jumping mouse	*Napeozapus insignis*
VanCampens	8/20/93	Edge	D	Pitfall	7	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/20/93	Stream	D	Pitfall	1	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/20/93	Stream	U	Pitfall	7	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/20/93	Stream	D	Pitfall	7	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/20/93	Stream	U	Snap trap	3	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/20/93	Stream	U	Snap trap	6	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/20/93	Edge	U	Pitfall	1	Mamm.	Masked shrew	*Sorex cinereus*
VanCampens	8/20/93	Stream	D	Pitfall	5	Mamm.	Masked shrew	*Sorex cinereus*
VanCampens	8/20/93	Edge	D	Pitfall	10	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/20/93	Middle	D	Pitfall	10	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/20/93	Stream	D	Pitfall	1	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/20/93	Stream	D	Pitfall	6	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/21/93	Stream	U	Pitfall	2	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/21/93	Stream	D	Pitfall	2	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/21/93	Stream	D	Pitfall	6	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/21/93	Stream	D	Pitfall	11	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/21/93	Middle	U	Pitfall	7	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/21/93	Stream	D	Pitfall	2	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/21/93	Stream	D	Pitfall	2	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/21/93	Stream	U	Pitfall	6	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/21/93	Stream	U	Pitfall	8	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/21/93	Stream	D	Pitfall	9	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/21/93	Stream	U	Pitfall	12	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/21/93	Stream	D	Pitfall	5	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/21/93	Middle	D	Pitfall	11	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/21/93	Middle	D	Pitfall	9	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/21/93	Edge	D	Pitfall	6	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/21/93	Middle	D	Pitfall	5	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/21/93	Edge	U	Pitfall	12	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/21/93	Middle	U	Pitfall	8	Amphib.	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/21/93	Stream	U	Pitfall	12	Amphib.	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/21/93	Stream	D	Pitfall	12	Amphib.	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/21/93	Stream	D	Pitfall	12	Amphib.	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/21/93	Stream	U	Pitfall	5	Amphib.	Slimy salamander	*Plethodon glutinosis*

Adams Creek	8/21/93	Stream	U	Pitfall	7	Amphib.	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/21/93	Stream	D	Pitfall	7	Amphib.	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/21/93	Edge	U	Pitfall	3	Amphib.	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/21/93	Stream	U	Pitfall	6	Amphib.	Green frog	*Rana clamitans*
Adams Creek	8/21/93	Stream	U	Pitfall	4	Amphib.	Pickerel frog	*Rana palustris*
Adams Creek	8/21/93	Stream	U	Pitfall	7	Mamm.	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/21/93	Edge	U	Pitfall	5	Mamm.	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/21/93	Stream	U	Pitfall	5	Mamm.	W. Jumping mouse	*Napeozapus insignis*
Adams Creek	8/21/93	Stream	D	Snap trap	2	Mamm.	W. Jumping mouse	*Napeozapus insignis*
Adams Creek	8/21/93	Middle	U	Pitfall	1	Mamm.	White-footed mouse	*Peromyscus leuocopus*
Adams Creek	8/21/93	Edge	D	Pitfall	9	Mamm.	White-footed mouse	*Peromyscus leuocopus*
Adams Creek	8/21/93	Edge	D	Pitfall	1	Mamm.	Masked shrew	*Sorex cinereus*
Adams Creek	8/21/93	Middle	U	Pitfall	4	Mamm.	Masked shrew	*Sorex cinereus*
Adams Creek	8/21/93	Edge	U	Pitfall	11	Mamm.	Masked shrew	*Sorex cinereus*
Adams Creek	8/21/93	Stream	D	Pitfall	1	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/21/93	Stream	D	Pitfall	5	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/21/93	Middle	U	Pitfall	11	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/21/93	Middle	U	Pitfall	11	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/21/93	Middle	U	Pitfall	6	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/21/93	Edge	D	Pitfall	5	Mamm.	Pygmy shrew	*Sorex hoyi*
VanCampens	8/21/93	Edge	U	Pitfall	2	Amphib.	American toad	*Bufo americanus*
VanCampens	8/21/93	Middle	U	Pitfall	7	Amphib.	American toad	*Bufo americanus*
VanCampens	8/21/93	Edge	U	Pitfall	8	Amphib.	Fowler's toad	*Bufo woodhousei*
VanCampens	8/21/93	Middle	D	Pitfall	7	Amphib.	Fowler's toad	*Bufo woodhousei*
VanCampens	8/21/93	Edge	U	Pitfall	5	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/21/93	Edge	U	Pitfall	12	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/21/93	Middle	U	Pitfall	7	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/21/93	Middle	U	Pitfall	7	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/21/93	Stream	U	Pitfall	6	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/21/93	Stream	D	Pitfall	2	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/21/93	Edge	D	Pitfall	6	Amphib.	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/21/93	Middle	U	Pitfall	3	Amphib.	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/21/93	Middle	D	Pitfall	2	Amphib.	Green frog	*Rana clamitans*
VanCampens	8/21/93	Middle	U	Pitfall	4	Amphib.	Green frog	*Rana clamitans*
VanCampens	8/21/93	Stream	D	Pitfall	8	Amphib.	Green frog	*Rana clamitans*
VanCampens	8/21/93	Stream	D	Pitfall	7	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/21/93	Edge	U	Snap trap	7	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/21/93	Middle	U	Snap trap	12	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/21/93	Stream	D	Snap trap	3	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/21/93	Middle	U	Snap trap	1	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/21/93	Edge	D	Pitfall	11	Mamm.	Masked shrew	*Sorex cinereus*
VanCampens	8/21/93	Stream	U	Pitfall	2	Mamm.	Masked shrew	*Sorex cinereus*
VanCampens	8/21/93	Edge	D	Pitfall	1	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/21/93	Stream	U	Pitfall	10	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/21/93	Stream	U	Pitfall	6	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/21/93	Middle	U	Pitfall	9	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/22/93	Edge	U	Pitfall	10	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/22/93	Edge	U	Pitfall	7	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/22/93	Stream	U	Pitfall	2	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/22/93	Stream	D	Pitfall	2	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/22/93	Stream	D	Pitfall	2	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/22/93	Stream	U	Pitfall	11	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/22/93	Stream	D	Pitfall	11	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/22/93	Edge	D	Pitfall	1	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/22/93	Middle	D	Pitfall	3	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/22/93	Middle	D	Pitfall	4	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/22/93	Middle	D	Pitfall	5	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/22/93	Edge	D	Pitfall	3	Amphib.	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/22/93	Stream	U	Pitfall	1	Amphib.	Slimy salamander	*Plethodon glutinosis*

Adams Creek	8/22/93	Stream	U	Pitfall	6	Mamm.	White-footed mouse	*Peromyscus leuocopus*
Adams Creek	8/22/93	Middle	D	Snap trap	9	Mamm.	White-footed mouse	*Peromyscus leuocopus*
Adams Creek	8/22/93	Middle	D	Snap trap	8	Mamm.	White-footed mouse	*Peromyscus leuocopus*
Adams Creek	8/22/93	Edge	D	Pitfall	3	Mamm.	Deer mouse	*Peromyscus maniculatus*
Adams Creek	8/22/93	Stream	D	Pitfall	7	Mamm.	Deer mouse	*Peromyscus maniculatus*
Adams Creek	8/22/93	Stream	D	Pitfall	1	Mamm.	Masked shrew	*Sorex cinereus*
VanCampens	8/22/93	Edge	U	Pitfall	11	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/93	Edge	D	Pitfall	6	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/93	Middle	D	Pitfall	1	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/93	Edge	U	Pitfall	7	Amphib.	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/22/93	Middle	D	Pitfall	6	Amphib.	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/22/93	Stream	U	Pitfall	3	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/22/93	Stream	U	Pitfall	9	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/22/93	Edge	D	Pitfall	1	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/22/93	Stream	D	Snap trap	2	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/22/93	Stream	U	Snap trap	3	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/22/93	Stream	D	Snap trap	5	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/22/93	Stream	D	Snap trap	6	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/22/93	Edge	D	Snap trap	10	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/22/93	Middle	D	Snap trap	4	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/22/93	Middle	D	Snap trap	6	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/22/93	Edge	U	Snap trap	12	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/22/93	Stream	U	Pitfall	9	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/22/93	Stream	D	Pitfall	10	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/22/93	Edge	D	Pitfall	2	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/23/93	Stream	D	Pitfall	9	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/23/93	Stream	D	Pitfall	7	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/23/93	Stream	U	Pitfall	10	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/23/93	Middle	U	Pitfall	11	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/23/93	Edge	U	Pitfall	7	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/23/93	Middle	D	Snap trap	9	Mamm.	Short-tailed shrew	*Blarina brevicauda*
Adams Creek	8/23/93	Stream	U	Snap trap	4	Mamm.	White-footed mouse	*Peromyscus leuocopus*
Adams Creek	8/23/93	Stream	U	Snap trap	10	Mamm.	White-footed mouse	*Peromyscus leuocopus*
Adams Creek	8/23/93	Middle	U	Pitfall	10	Mamm.	Deer mouse	*Peromyscus maniculatus*
Adams Creek	8/23/93	Stream	D	Pitfall	8	Mamm.	Masked shrew	*Sorex cinereus*
Adams Creek	8/23/93	Edge	D	Pitfall	2	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/23/93	Middle	D	Pitfall	10	Mamm.	Pygmy shrew	*Sorex hoyi*
VanCampens	8/23/93	Middle	D	Pitfall	3	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
VanCampens	8/23/93	Stream	D	Pitfall	12	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/23/93	Edge	D	Pitfall	11	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/23/93	Middle	U	Pitfall	4	Mamm.	W. Jumping mouse	*Napeozapus insignis*
VanCampens	8/23/93	Stream	U	Pitfall	6	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/23/93	Middle	U	Pitfall	11	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/23/93	Edge	D	Pitfall	10	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/23/93	Middle	D	Snap trap	4	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/23/93	Middle	D	Snap trap	9	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/23/93	Stream	D	Snap trap	12	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/23/93	Edge	D	Snap trap	12	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/23/93	Middle	U	Snap trap	12	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/23/93	Middle	U	Snap trap	5	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/23/93	Middle	D	Pitfall	3	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/23/93	Middle	D	Pitfall	3	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/23/93	Edge	U	Pitfall	2	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/24/93	Stream	U	Pitfall	3	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/24/93	Stream	D	Pitfall	3	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/24/93	Stream	D	Pitfall	5	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/24/93	Stream	D	Pitfall	5	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/24/93	Stream	U	Pitfall	9	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/24/93	Stream	D	Pitfall	11	Amphib.	N.Two-lined salamander	*Eurycea bislineata*

Adams Creek	8/24/93	Stream	D	Pitfall	11	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/24/93	Edge	U	Pitfall	8	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/24/93	Stream	D	Pitfall	5	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/24/93	Stream	D	Pitfall	8	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/24/93	Stream	U	Pitfall	9	Amphib.	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/24/93	Stream	D	Pitfall	10	Amphib.	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/24/93	Middle	U	Pitfall	10	Amphib.	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/24/93	Stream	U	Pitfall	9	Amphib.	Green frog	*Rana clamitans*
Adams Creek	8/24/93	Edge	D	Pitfall	7	Amphib.	Wood frog	*Rana sylvatica*
Adams Creek	8/24/93	Edge	D	Pitfall	1	Mamm.	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/24/93	Stream	D	Pitfall	6	Mamm.	White-footed mouse	*Peromyscus leuocopus*
Adams Creek	8/24/93	Middle	D	Pitfall	9	Mamm.	White-footed mouse	*Peromyscus leuocopus*
Adams Creek	8/24/93	Stream	D	Pitfall	10	Mamm.	Masked shrew	*Sorex cinereus*
Adams Creek	8/24/93	Edge	D	Pitfall	5	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/24/93	Edge	D	Pitfall	5	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/24/93	Middle	D	Pitfall	11	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/24/93	Edge	D	Pitfall	2	Amphib.	American toad	*Bufo americanus*
VanCampens	8/24/93	Edge	U	Pitfall	7	Amphib.	American toad	*Bufo americanus*
VanCampens	8/24/93	Edge	U	Pitfall	3	Amphib.	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/24/93	Edge	U	Pitfall	10	Amphib.	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/24/93	Middle	D	Pitfall	1	Mamm.	Short-tailed shrew	*Blarina brevicauda*
VanCampens	8/24/93	Stream	D	Snap trap	9	Mamm.	Red-backed vole	*Clethrionomys gapperi*
VanCampens	8/24/93	Stream	D	Snap trap	2	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/24/93	Edge	U	Snap trap	9	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/24/93	Edge	D	Snap trap	10	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/24/93	Stream	U	Snap trap	12	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/24/93	Middle	U	Snap trap	5	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/24/93	Stream	U	Pitfall	9	Mamm.	Masked shrew	*Sorex cinereus*
VanCampens	8/24/93	Edge	U	Pitfall	10	Mamm.	Pygmy shrew	*Sorex hoyi*
Adams Creek	8/25/93	Edge	U	Pitfall	8	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/25/93	Edge	U	Pitfall	1	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/25/93	Middle	U	Pitfall	1	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/25/93	Edge	U	Pitfall	12	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/25/93	Stream	D	Pitfall	12	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/25/93	Stream	D	Pitfall	2	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/25/93	Stream	D	Pitfall	2	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/25/93	Stream	U	Pitfall	3	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/25/93	Stream	D	Pitfall	4	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/25/93	Stream	D	Pitfall	5	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/25/93	Stream	U	Pitfall	7	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/25/93	Stream	U	Pitfall	8	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/25/93	Stream	D	Pitfall	9	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/25/93	Middle	U	Pitfall	10	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/25/93	Stream	D	Pitfall	10	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/25/93	Stream	D	Pitfall	12	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/25/93	Stream	D	Pitfall	12	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/25/93	Middle	U	Pitfall	8	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/25/93	Middle	D	Pitfall	2	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/25/93	Stream	U	Pitfall	12	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/25/93	Stream	U	Pitfall	3	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/25/93	Stream	U	Pitfall	4	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/25/93	Stream	D	Pitfall	4	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/25/93	Stream	D	Pitfall	4	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/25/93	Stream	U	Pitfall	12	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/25/93	Edge	D	Pitfall	8	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/25/93	Edge	U	Pitfall	7	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/25/93	Edge	D	Pitfall	5	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/25/93	Edge	U	Pitfall	4	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/25/93	Middle	U	Pitfall	3	Amphib.	Red-spotted newt	*Notophthalmus viridescens*

Adams Creek	8/25/93	Middle	U	Pitfall	4	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/25/93	Middle	D	Pitfall	6	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/25/93	Middle	D	Pitfall	1	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/25/93	Edge	D	Pitfall	12	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/25/93	Edge	D	Pitfall	12	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/25/93	Edge	U	Pitfall	11	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/25/93	Edge	D	Pitfall	11	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/25/93	Edge	D	Pitfall	11	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/25/93	Edge	U	Pitfall	10	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/25/93	Edge	U	Pitfall	9	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/25/93	Edge	D	Pitfall	9	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/25/93	Stream	U	Pitfall	12	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/25/93	Stream	D	Pitfall	12	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/25/93	Stream	U	Pitfall	1	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/25/93	Stream	U	Pitfall	2	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/25/93	Stream	D	Pitfall	3	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/25/93	Stream	U	Pitfall	6	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/25/93	Middle	D	Pitfall	10	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/25/93	Edge	U	Pitfall	3	Amphib.	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/25/93	Edge	U	Pitfall	2	Amphib.	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/25/93	Middle	U	Pitfall	8	Amphib.	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/25/93	Edge	U	Pitfall	3	Amphib.	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/25/93	Middle	U	Pitfall	2	Amphib.	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/25/93	Stream	U	Pitfall	1	Amphib.	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/25/93	Stream	D	Pitfall	1	Amphib.	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/25/93	Stream	D	Pitfall	1	Amphib.	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/25/93	Stream	U	Pitfall	7	Amphib.	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/25/93	Stream	U	Pitfall	7	Amphib.	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/25/93	Middle	D	Pitfall	10	Amphib.	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/25/93	Stream	U	Pitfall	12	Amphib.	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/25/93	Middle	D	Pitfall	9	Amphib.	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/25/93	Stream	D	Pitfall	4	Amphib.	Green frog	*Rana clamitans*
Adams Creek	8/25/93	Edge	D	Pitfall	8	Mamm.	Short-tailed shrew	*Blarina brevicauda*
Adams Creek	8/25/93	Edge	D	Pitfall	7	Mamm.	Short-tailed shrew	*Blarina brevicauda*
Adams Creek	8/25/93	Edge	D	Pitfall	3	Mamm.	Short-tailed shrew	*Blarina brevicauda*
Adams Creek	8/25/93	Stream	U	Pitfall	6	Mamm.	Short-tailed shrew	*Blarina brevicauda*
Adams Creek	8/25/93	Middle	D	Pitfall	9	Mamm.	Short-tailed shrew	*Blarina brevicauda*
Adams Creek	8/25/93	Middle	D	Snap trap	2	Mamm.	Short-tailed shrew	*Blarina brevicauda*
Adams Creek	8/25/93	Edge	U	Pitfall	6	Mamm.	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/25/93	Edge	U	Pitfall	3	Mamm.	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/25/93	Middle	D	Pitfall	5	Mamm.	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/25/93	Stream	D	Pitfall	3	Mamm.	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/25/93	Stream	D	Pitfall	6	Mamm.	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/25/93	Stream	U	Pitfall	8	Mamm.	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/25/93	Stream	U	Pitfall	12	Mamm.	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/25/93	Edge	D	Pitfall	2	Mamm.	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/25/93	Edge	U	Pitfall	12	Mamm.	Meadow vole	*Microtus pennsylvanicus*
Adams Creek	8/25/93	Stream	D	Pitfall	1	Mamm.	Meadow vole	*Microtus pennsylvanicus*
Adams Creek	8/25/93	Edge	U	Pitfall	11	Mamm.	White-footed mouse	*Peromyscus leuocopus*
Adams Creek	8/25/93	Edge	U	Pitfall	7	Mamm.	Masked shrew	*Sorex cinereus*
Adams Creek	8/25/93	Edge	U	Pitfall	7	Mamm.	Masked shrew	*Sorex cinereus*
Adams Creek	8/25/93	Edge	D	Pitfall	1	Mamm.	Masked shrew	*Sorex cinereus*
Adams Creek	8/25/93	Middle	U	Pitfall	4	Mamm.	Masked shrew	*Sorex cinereus*
Adams Creek	8/25/93	Stream	D	Pitfall	2	Mamm.	Masked shrew	*Sorex cinereus*
Adams Creek	8/25/93	Stream	U	Pitfall	4	Mamm.	Masked shrew	*Sorex cinereus*
Adams Creek	8/25/93	Stream	U	Pitfall	4	Mamm.	Masked shrew	*Sorex cinereus*
Adams Creek	8/25/93	Edge	D	Pitfall	7	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/25/93	Edge	D	Pitfall	5	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/25/93	Edge	D	Pitfall	5	Mamm.	Smokey shrew	*Sorex fumeus*

Adams Creek	8/25/93	Edge	D	Pitfall	2	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/25/93	Edge	D	Pitfall	2	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/25/93	Middle	U	Pitfall	3	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/25/93	Stream	D	Pitfall	5	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/25/93	Stream	U	Pitfall	7	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/25/93	Stream	D	Pitfall	10	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/25/93	Stream	D	Pitfall	12	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/25/93	Middle	U	Pitfall	8	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/25/93	Edge	D	Pitfall	2	Mamm.	Pygmy shrew	*Sorex hoyi*
Adams Creek	8/25/93	Middle	D	Pitfall	10	Mamm.	Pygmy shrew	*Sorex hoyi*
VanCampens	8/25/93	Edge	U	Pitfall	12	Amphib.	American toad	*Bufo americanus*
VanCampens	8/25/93	Edge	D	Pitfall	12	Amphib.	American toad	*Bufo americanus*
VanCampens	8/25/93	Edge	D	Pitfall	1	Amphib.	American toad	*Bufo americanus*
VanCampens	8/25/93	Edge	D	Pitfall	1	Amphib.	American toad	*Bufo americanus*
VanCampens	8/25/93	Edge	U	Pitfall	7	Amphib.	American toad	*Bufo americanus*
VanCampens	8/25/93	Middle	U	Pitfall	2	Amphib.	American toad	*Bufo americanus*
VanCampens	8/25/93	Middle	D	Pitfall	6	Amphib.	American toad	*Bufo americanus*
VanCampens	8/25/93	Middle	U	Pitfall	8	Amphib.	American toad	*Bufo americanus*
VanCampens	8/25/93	Middle	D	Pitfall	8	Amphib.	American toad	*Bufo americanus*
VanCampens	8/25/93	Middle	D	Pitfall	8	Amphib.	American toad	*Bufo americanus*
VanCampens	8/25/93	Middle	D	Pitfall	8	Amphib.	American toad	*Bufo americanus*
VanCampens	8/25/93	Middle	U	Pitfall	11	Amphib.	American toad	*Bufo americanus*
VanCampens	8/25/93	Stream	U	Pitfall	12	Amphib.	American toad	*Bufo americanus*
VanCampens	8/25/93	Stream	U	Pitfall	11	Amphib.	American toad	*Bufo americanus*
VanCampens	8/25/93	Stream	U	Pitfall	8	Amphib.	American toad	*Bufo americanus*
VanCampens	8/25/93	Stream	D	Pitfall	6	Amphib.	American toad	*Bufo americanus*
VanCampens	8/25/93	Stream	U	Pitfall	5	Amphib.	American toad	*Bufo americanus*
VanCampens	8/25/93	Middle	D	Pitfall	10	Amphib.	Fowler's toad	*Bufo woodhousei*
VanCampens	8/25/93	Stream	D	Pitfall	11	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
VanCampens	8/25/93	Stream	D	Pitfall	10	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
VanCampens	8/25/93	Stream	D	Pitfall	3	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
VanCampens	8/25/93	Stream	D	Pitfall	2	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
VanCampens	8/25/93	Edge	U	Pitfall	1	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
VanCampens	8/25/93	Edge	U	Pitfall	6	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
VanCampens	8/25/93	Middle	U	Pitfall	1	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
VanCampens	8/25/93	Middle	U	Pitfall	3	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
VanCampens	8/25/93	Middle	D	Pitfall	3	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
VanCampens	8/25/93	Edge	U	Pitfall	12	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/25/93	Edge	D	Pitfall	1	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/25/93	Edge	D	Pitfall	4	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/25/93	Edge	U	Pitfall	6	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/25/93	Edge	U	Pitfall	6	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/25/93	Edge	D	Pitfall	6	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/25/93	Edge	U	Pitfall	7	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/25/93	Edge	D	Pitfall	8	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/25/93	Middle	U	Pitfall	1	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/25/93	Middle	D	Pitfall	1	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/25/93	Middle	U	Pitfall	1	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/25/93	Middle	U	Pitfall	4	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/25/93	Middle	D	Pitfall	4	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/25/93	Middle	U	Pitfall	5	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/25/93	Middle	U	Pitfall	5	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/25/93	Middle	D	Pitfall	5	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/25/93	Middle	U	Pitfall	6	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/25/93	Middle	D	Pitfall	7	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/25/93	Middle	D	Pitfall	8	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/25/93	Middle	D	Pitfall	8	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/25/93	Middle	D	Pitfall	9	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/25/93	Middle	D	Pitfall	12	Amphib.	Red-backed salamander	*Plethodon cinereus*

VanCampens	8/25/93	Stream	D	Pitfall	10	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/25/93	Stream	D	Pitfall	10	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/25/93	Stream	D	Pitfall	7	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/25/93	Stream	U	Pitfall	7	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/25/93	Stream	D	Pitfall	6	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/25/93	Stream	D	Pitfall	6	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/25/93	Stream	D	Pitfall	5	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/25/93	Stream	U	Pitfall	5	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/25/93	Stream	D	Pitfall	4	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/25/93	Stream	D	Pitfall	3	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/25/93	Stream	U	Pitfall	3	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/25/93	Stream	D	Pitfall	8	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/25/93	Edge	U	Pitfall	7	Amphib.	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/25/93	Edge	U	Pitfall	7	Amphib.	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/25/93	Edge	D	Pitfall	9	Amphib.	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/25/93	Edge	D	Pitfall	9	Amphib.	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/25/93	Edge	U	Pitfall	11	Amphib.	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/25/93	Edge	D	Pitfall	11	Amphib.	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/25/93	Middle	U	Pitfall	3	Amphib.	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/25/93	Middle	D	Pitfall	3	Amphib.	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/25/93	Middle	U	Pitfall	4	Amphib.	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/25/93	Middle	U	Pitfall	5	Amphib.	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/25/93	Middle	D	Pitfall	5	Amphib.	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/25/93	Middle	D	Pitfall	6	Amphib.	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/25/93	Middle	D	Pitfall	7	Amphib.	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/25/93	Middle	D	Pitfall	8	Amphib.	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/25/93	Stream	U	Pitfall	10	Amphib.	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/25/93	Stream	U	Pitfall	9	Amphib.	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/25/93	Stream	U	Pitfall	3	Amphib.	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/25/93	Edge	U	Pitfall	2	Amphib.	Green frog	*Rana clamitans*
VanCampens	8/25/93	Stream	U	Pitfall	8	Amphib.	Green frog	*Rana clamitans*
VanCampens	8/25/93	Edge	U	Pitfall	9	Mamm.	Short-tailed shrew	*Blarina brevicauda*
VanCampens	8/25/93	Edge	U	Pitfall	1	Mamm.	Red-backed vole	*Clethrionomys gapperi*
VanCampens	8/25/93	Edge	U	Pitfall	5	Mamm.	Red-backed vole	*Clethrionomys gapperi*
VanCampens	8/25/93	Stream	U	Pitfall	7	Mamm.	Red-backed vole	*Clethrionomys gapperi*
VanCampens	8/25/93	Stream	D	Pitfall	2	Mamm.	Red-backed vole	*Clethrionomys gapperi*
VanCampens	8/25/93	Stream	U	Pitfall	3	Mamm.	W. Jumping mouse	*Napeozapus insignis*
VanCampens	8/25/93	Stream	U	Snap trap	10	Mamm.	W. Jumping mouse	*Napeozapus insignis*
VanCampens	8/25/93	Middle	D	Pitfall	2	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/25/93	Middle	D	Snap trap	8	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/25/93	Middle	U	Snap trap	11	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/25/93	Edge	U	Snap trap	3	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/25/93	Middle	U	Pitfall	5	Mamm.	Masked shrew	*Sorex cinereus*
VanCampens	8/25/93	Edge	U	Pitfall	9	Mamm.	Masked shrew	*Sorex cinereus*
VanCampens	8/25/93	Stream	U	Pitfall	5	Mamm.	Masked shrew	*Sorex cinereus*
VanCampens	8/25/93	Stream	D	Pitfall	1	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/25/93	Middle	D	Pitfall	4	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/25/93	Middle	U	Pitfall	10	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/25/93	Middle	D	Pitfall	10	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/25/93	Edge	U	Pitfall	4	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/25/93	Edge	D	Pitfall	4	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/25/93	Edge	D	Pitfall	8	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/25/93	Stream	U	Pitfall	8	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/25/93	Middle	D	Pitfall	11	Mamm.	Pygmy shrew	*Sorex hoyi*
VanCampens	8/25/93	Edge	U	Pitfall	11	Mamm.	Pygmy shrew	*Sorex hoyi*
Adams Creek	8/26/93	Stream	D	Pitfall	12	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/26/93	Stream	D	Pitfall	6	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/26/93	Edge	D	Pitfall	7	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/26/93	Edge	D	Pitfall	5	Amphib.	American toad	*Bufo americanus*

Adams Creek	8/26/93	Middle	D	Pitfall	4	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/26/93	Middle	U	Pitfall	6	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/26/93	Middle	U	Pitfall	7	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/26/93	Stream	D	Pitfall	6	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/26/93	Stream	D	Pitfall	12	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/26/93	Stream	D	Pitfall	12	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/26/93	Stream	D	Pitfall	1	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/26/93	Stream	U	Pitfall	4	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/26/93	Stream	U	Pitfall	9	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/26/93	Middle	D	Pitfall	9	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/26/93	Edge	D	Pitfall	7	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/26/93	Edge	D	Pitfall	5	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/26/93	Edge	D	Pitfall	5	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/26/93	Edge	U	Pitfall	3	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/26/93	Middle	U	Pitfall	4	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/26/93	Middle	D	Pitfall	5	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/26/93	Edge	U	Pitfall	9	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/26/93	Stream	U	Pitfall	1	Amphib.	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/26/93	Middle	U	Pitfall	8	Amphib.	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/26/93	Stream	U	Pitfall	2	Amphib.	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/26/93	Stream	U	Pitfall	11	Amphib.	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/26/93	Stream	U	Pitfall	3	Amphib.	Green frog	*Rana clamitans*
Adams Creek	8/26/93	Stream	D	Pitfall	9	Amphib.	Green frog	*Rana clamitans*
Adams Creek	8/26/93	Edge	D	Pitfall	7	Amphib.	Green frog	*Rana clamitans*
Adams Creek	8/26/93	Edge	D	Pitfall	5	Amphib.	Green frog	*Rana clamitans*
Adams Creek	8/26/93	Middle	D	Pitfall	4	Amphib.	Green frog	*Rana clamitans*
Adams Creek	8/26/93	Middle	D	Pitfall	5	Amphib.	Green frog	*Rana clamitans*
Adams Creek	8/26/93	Middle	D	Pitfall	1	Amphib.	Green frog	*Rana clamitans*
Adams Creek	8/26/93	Stream	U	Pitfall	8	Mamm.	White-footed mouse	*Peromyscus leuocopus*
Adams Creek	8/26/93	Edge	D	Pitfall	6	Mamm.	Deer mouse	*Peromyscus maniculatus*
Adams Creek	8/26/93	Middle	D	Snap trap	1	Mamm.	Deer mouse	*Peromyscus maniculatus*
Adams Creek	8/26/93	Middle	D	Pitfall	11	Mamm.	Masked shrew	*Sorex cinereus*
Adams Creek	8/26/93	Stream	D	Pitfall	7	Mamm.	Smokey shrew	*Sorex fumeus*
VanCampens	8/26/93	Edge	D	Pitfall	12	Amphib.	American toad	*Bufo americanus*
VanCampens	8/26/93	Edge	U	Pitfall	4	Amphib.	American toad	*Bufo americanus*
VanCampens	8/26/93	Edge	D	Pitfall	10	Amphib.	American toad	*Bufo americanus*
VanCampens	8/26/93	Middle	U	Pitfall	12	Amphib.	American toad	*Bufo americanus*
VanCampens	8/26/93	Middle	D	Pitfall	12	Amphib.	American toad	*Bufo americanus*
VanCampens	8/26/93	Middle	U	Pitfall	11	Amphib.	American toad	*Bufo americanus*
VanCampens	8/26/93	Stream	U	Pitfall	5	Amphib.	American toad	*Bufo americanus*
VanCampens	8/26/93	Stream	D	Pitfall	6	Amphib.	American toad	*Bufo americanus*
VanCampens	8/26/93	Stream	D	Pitfall	11	Amphib.	American toad	*Bufo americanus*
VanCampens	8/26/93	Middle	U	Pitfall	6	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
VanCampens	8/26/93	Middle	D	Pitfall	3	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
VanCampens	8/26/93	Stream	U	Pitfall	5	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
VanCampens	8/26/93	Edge	D	Pitfall	12	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/26/93	Edge	D	Pitfall	11	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/26/93	Edge	D	Pitfall	2	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/26/93	Edge	U	Pitfall	8	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/26/93	Edge	U	Pitfall	8	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/26/93	Middle	D	Pitfall	11	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/26/93	Middle	U	Pitfall	4	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/26/93	Stream	D	Pitfall	7	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/26/93	Stream	D	Pitfall	7	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/26/93	Stream	U	Pitfall	11	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/26/93	Stream	U	Pitfall	11	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/26/93	Stream	D	Pitfall	11	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/26/93	Middle	U	Pitfall	10	Amphib.	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/26/93	Stream	U	Pitfall	8	Amphib.	Slimy salamander	*Plethodon glutinosis*

VanCampens	8/26/93	Stream	D	Pitfall	9	Amphib.	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/26/93	Edge	U	Pitfall	2	Amphib.	Green frog	*Rana clamitans*
VanCampens	8/26/93	Edge	D	Pitfall	9	Amphib.	Green frog	*Rana clamitans*
VanCampens	8/26/93	Middle	D	Pitfall	2	Amphib.	Green frog	*Rana clamitans*
VanCampens	8/26/93	Middle	U	Pitfall	1	Amphib.	Green frog	*Rana clamitans*
VanCampens	8/26/93	Middle	U	Pitfall	1	Amphib.	Green frog	*Rana clamitans*
VanCampens	8/26/93	Stream	D	Pitfall	8	Amphib.	Green frog	*Rana clamitans*
VanCampens	8/26/93	Middle	U	Pitfall	9	Mamm.	Pine vole	*Microtus pinetorum*
VanCampens	8/26/93	Stream	D	Pitfall	1	Mamm.	Smokey shrew	*Sorex fumeus*
Adams Creek	8/27/93	Middle	U	Pitfall	1	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/27/93	Stream	D	Pitfall	6	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/27/93	Middle	U	Pitfall	10	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/27/93	Middle	U	Pitfall	10	Amphib.	American toad	*Bufo americanus*
Adams Creek	8/27/93	Stream	U	Pitfall	2	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/27/93	Stream	D	Pitfall	6	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/27/93	Edge	D	Pitfall	8	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/27/93	Edge	D	Pitfall	6	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/27/93	Edge	U	Pitfall	11	Amphib.	Red-spotted newt	*Notophthalmus viridescens*
Adams Creek	8/27/93	Edge	D	Pitfall	3	Amphib.	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/27/93	Middle	U	Pitfall	3	Amphib.	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/27/93	Stream	D	Pitfall	10	Amphib.	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/27/93	Stream	U	Pitfall	11	Amphib.	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/27/93	Middle	U	Pitfall	2	Amphib.	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/27/93	Stream	D	Snap trap	12	Mamm.	White-footed mouse	*Peromyscus leuocopus*
Adams Creek	8/27/93	Stream	D	Pitfall	7	Mamm.	Masked shrew	*Sorex cinereus*
VanCampens	8/27/93	Edge	U	Pitfall	1	Amphib.	American toad	*Bufo americanus*
VanCampens	8/27/93	Middle	U	Pitfall	10	Amphib.	American toad	*Bufo americanus*
VanCampens	8/27/93	Middle	U	Pitfall	2	Amphib.	American toad	*Bufo americanus*
VanCampens	8/27/93	Middle	D	Pitfall	12	Amphib.	Fowler's toad	*Bufo woodhousei*
VanCampens	8/27/93	Stream	D	Pitfall	10	Amphib.	N.Two-lined salamander	*Eurycea bislineata*
VanCampens	8/27/93	Edge	U	Pitfall	1	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/27/93	Edge	U	Pitfall	8	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/27/93	Edge	D	Pitfall	8	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/27/93	Edge	U	Pitfall	12	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/27/93	Middle	U	Pitfall	1	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/27/93	Middle	U	Pitfall	1	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/27/93	Middle	D	Pitfall	2	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/27/93	Middle	U	Pitfall	12	Amphib.	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/27/93	Stream	U	Pitfall	5	Amphib.	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/27/93	Stream	U	Pitfall	6	Amphib.	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/27/93	Stream	U	Pitfall	12	Amphib.	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/27/93	Stream	D	Pitfall	12	Amphib.	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/27/93	Edge	U	Pitfall	9	Amphib.	Green frog	*Rana clamitans*
VanCampens	8/27/93	Middle	U	Pitfall	4	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/27/93	Middle	D	Pitfall	9	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/27/93	Middle	D	Pitfall	8	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/27/93	Edge	U	Snap trap	1	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/27/93	Edge	D	Snap trap	3	Mamm.	White-footed mouse	*Peromyscus leuocopus*
VanCampens	8/27/93	Edge	D	Snap trap	1	Mamm.	White-footed mouse	*Peromyscus leuocopus*

Appendix II - 1994 Capture Summary Table

SITE	DATE	TRANSCT	TRAP	TYPE	ARRAY	TAXA	SPECIES	SPECIES
Adams Creek	8/16/94	Stream	D	Pitfall	6	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/16/94	Stream	D	Pitfall	6	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/16/94	Stream	U	Pitfall	8	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/16/94	Stream	D	Pitfall	10	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/16/94	Stream	D	Pitfall	10	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/16/94	Stream	U	Pitfall	11	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/16/94	Stream	D	Pitfall	11	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/16/94	Middle	U	Pitfall	8	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/16/94	Middle	D	Pitfall	11	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/16/94	Edge	U	Pitfall	7	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/16/94	Edge	U	Pitfall	7	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/16/94	Edge	U	Pitfall	3	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/16/94	Edge	D	Pitfall	12	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/16/94	Edge	D	Pitfall	9	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/16/94	Middle	D	Pitfall	9	Mammal	White-footed mouse	*Peromyscus leucopus*
Adams Creek	8/16/94	Stream	U	Pitfall	12	Mammal	Masked shrew	*Sorex cinereus*
Adams Creek	8/16/94	Stream	D	Pitfall	12	Mammal	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/16/94	Stream	U	Pitfall	1	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/16/94	Stream	D	Pitfall	1	Mammal	Masked shrew	*Sorex cinereus*
Adams Creek	8/16/94	Stream	U	Snap trap	2	Mammal	Deer mouse	*Peromyscus maniculatus*
Adams Creek	8/16/94	Stream	U	Pitfall	2	Mammal	White-footed mouse	*Peromyscus leucopus*
Adams Creek	8/16/94	Stream	D	Pitfall	2	Mammal	White-footed mouse	*Peromyscus leucopus*
Adams Creek	8/16/94	Stream	U	Pitfall	3	Mammal	Deer mouse	*Peromyscus maniculatus*
Adams Creek	8/16/94	Stream	D	Pitfall	3	Mammal	Deer mouse	*Peromyscus maniculatus*
Adams Creek	8/16/94	Stream	D	Pitfall	4	Mammal	Masked shrew	*Sorex cinereus*
Adams Creek	8/16/94	Stream	D	Snap trap	4	Mammal	White-footed mouse	*Peromyscus leucopus*
Adams Creek	8/16/94	Stream	U	Pitfall	9	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/16/94	Stream	U	Pitfall	9	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/16/94	Stream	U	Pitfall	9	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/16/94	Stream	D	Snap trap	9	Mammal	White-footed mouse	*Peromyscus leucopus*
Adams Creek	8/16/94	Stream	D	Pitfall	10	Mammal	Masked shrew	*Sorex cinereus*
Adams Creek	8/16/94	Middle	U	Pitfall	11	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/16/94	Middle	U	Pitfall	11	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/16/94	Middle	U	Pitfall	11	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/16/94	Middle	D	Pitfall	11	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/16/94	Edge	U	Pitfall	8	Mammal	White-footed mouse	*Peromyscus leucopus*
Adams Creek	8/16/94	Edge	U	Pitfall	8	Mammal	White-footed mouse	*Peromyscus leucopus*
Adams Creek	8/16/94	Edge	D	Pitfall	6	Mammal	White-footed mouse	*Peromyscus leucopus*
Adams Creek	8/16/94	Edge	U	Pitfall	5	Mammal	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/16/94	Edge	D	Pitfall	5	Mammal	White-footed mouse	*Peromyscus leucopus*
Adams Creek	8/16/94	Edge	D	Pitfall	3	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/16/94	Middle	D	Pitfall	3	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/16/94	Middle	D	Pitfall	3	Mammal	Masked shrew	*Sorex cinereus*
Adams Creek	8/16/94	Middle	D	Pitfall	6	Mammal	White-footed mouse	*Peromyscus leucopus*
Adams Creek	8/16/94	Edge	D	Pitfall	12	Mammal	White-footed mouse	*Peromyscus leucopus*
Adams Creek	8/16/94	Edge	D	Snap trap	11	Mammal	White-footed mouse	*Peromyscus leucopus*
Adams Creek	8/16/94	Edge	D	Pitfall	10	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/16/94	Stream	D	Pitfall	3	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
VanCampens	8/16/94	Stream	D	Pitfall	8	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/16/94	Stream	U	Pitfall	10	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/16/94	Stream	D	Pitfall	11	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
VanCampens	8/16/94	Middle	D	Pitfall	1	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
VanCampens	8/16/94	Middle	U	Pitfall	1	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/16/94	Middle	D	Pitfall	2	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
VanCampens	8/16/94	Middle	D	Pitfall	7	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
VanCampens	8/16/94	Middle	D	Pitfall	11	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
VanCampens	8/16/94	Middle	D	Pitfall	11	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
VanCampens	8/16/94	Middle	D	Pitfall	11	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/16/94	Middle	D	Pitfall	12	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
VanCampens	8/16/94	Edge	D	Pitfall	12	Amphibian	Red-spotted newt	*Notopthalmus viridescens*

VanCampens	8/16/94	Edge	D	Pitfall	11	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
VanCampens	8/16/94	Edge	D	Pitfall	8	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
VanCampens	8/16/94	Edge	U	Pitfall	8	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/16/94	Edge	D	Pitfall	7	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
VanCampens	8/16/94	Edge	U	Pitfall	1	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/16/94	Edge	D	Pitfall	1	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
VanCampens	8/16/94	Stream	D	Pitfall	1	Mammal	Smokey shrew	*Sorex fumeus*
VanCampens	8/16/94	Stream	D	Pitfall	1	Mammal	Red-backed vole	*Clethrionomys gapperi*
VanCampens	8/16/94	Stream	D	Snap trap	2	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/16/94	Stream	U	Pitfall	3	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/16/94	Stream	U	Pitfall	6	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/16/94	Stream	D	Snap trap	7	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/16/94	Stream	D	Pitfall	8	Mammal	Smokey shrew	*Sorex fumeus*
VanCampens	8/16/94	Stream	U	Pitfall	9	Mammal	Masked shrew	*Sorex cinereus*
VanCampens	8/16/94	Stream	U	Snap trap	11	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/16/94	Stream	D	Pitfall	12	Mammal	Masked shrew	*Sorex cinereus*
VanCampens	8/16/94	Middle	D	Pitfall	2	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/16/94	Middle	D	Pitfall	4	Mammal	Smokey shrew	*Sorex fumeus*
VanCampens	8/16/94	Middle	D	Pitfall	4	Mammal	Smokey shrew	*Sorex fumeus*
VanCampens	8/16/94	Middle	D	Pitfall	4	Mammal	Red-backed vole	*Clethrionomys gapperi*
VanCampens	8/16/94	Middle	D	Snap trap	6	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/16/94	Middle	D	Pitfall	9	Mammal	Smokey shrew	*Sorex fumeus*
VanCampens	8/16/94	Middle	D	Pitfall	10	Mammal	Masked shrew	*Sorex cinereus*
VanCampens	8/16/94	Middle	U	Pitfall	11	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/16/94	Middle	U	Pitfall	11	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/16/94	Middle	U	Pitfall	11	Mammal	Smokey shrew	*Sorex fumeus*
VanCampens	8/16/94	Edge	U	Pitfall	4	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/16/94	Edge	U	Pitfall	5	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/16/94	Edge	U	Pitfall	7	Mammal	Smokey shrew	*Sorex fumeus*
VanCampens	8/16/94	Edge	D	Pitfall	8	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/16/94	Edge	D	Snap trap	10	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/16/94	Edge	U	Pitfall	11	Mammal	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/17/94	Stream	D	Pitfall	5	Amphibian	Green frog	*Rana clamitans*
Adams Creek	8/17/94	Stream	U	Pitfall	11	Amphibian	American toad	*Bufo americanus*
Adams Creek	8/17/94	Middle	U	Pitfall	2	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/17/94	Middle	D	Pitfall	2	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/17/94	Middle	U	Pitfall	5	Amphibian	Wood frog	*Rana sylvatica*
Adams Creek	8/17/94	Middle	U	Pitfall	1	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/17/94	Middle	U	Pitfall	9	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/17/94	Middle	U	Pitfall	10	Amphibian	N. Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/17/94	Edge	U	Pitfall	8	Amphibian	American toad	*Bufo americanus*
Adams Creek	8/17/94	Edge	U	Pitfall	9	Amphibian	Green frog	*Rana clamitans*
Adams Creek	8/17/94	Edge	D	Pitfall	9	Amphibian	Wood frog	*Rana sylvatica*
Adams Creek	8/17/94	Edge	D	Pitfall	9	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/17/94	Middle	U	Pitfall	8	Mammal	White-footed mouse	*Peromyscus leucopus*
Adams Creek	8/17/94	Middle	U	Snap trap	8	Mammal	White-footed mouse	*Peromyscus leucopus*
Adams Creek	8/17/94	Stream	U	Pitfall	1	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/17/94	Stream	U	Pitfall	1	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/17/94	Stream	D	Pitfall	3	Mammal	Masked shrew	*Sorex cinereus*
Adams Creek	8/17/94	Stream	U	Pitfall	4	Mammal	Masked shrew	*Sorex cinereus*
Adams Creek	8/17/94	Stream	U	Pitfall	5	Mammal	Masked shrew	*Sorex cinereus*
Adams Creek	8/17/94	Stream	D	Pitfall	7	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/17/94	Stream	U	Pitfall	7	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/17/94	Stream	U	Pitfall	7	Mammal	Masked shrew	*Sorex cinereus*
Adams Creek	8/17/94	Stream	U	Pitfall	8	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/17/94	Stream	U	Pitfall	9	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/17/94	Stream	D	Snap trap	9	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/17/94	Middle	U	Pitfall	10	Mammal	Masked shrew	*Sorex cinereus*
Adams Creek	8/17/94	Stream	D	Pitfall	10	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/17/94	Edge	D	Pitfall	5	Mammal	Pygmy shrew	*Sorex hoyi*
Adams Creek	8/17/94	Edge	D	Pitfall	5	Mammal	Masked shrew	*Sorex cinereus*

Adams Creek	8/17/94	Edge	U	Pitfall	3	Mammal	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/17/94	Edge	D	Pitfall	3	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/17/94	Edge	D	Pitfall	3	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/17/94	Edge	D	Pitfall	1	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/17/94	Edge	D	Pitfall	1	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/17/94	Edge	D	Pitfall	1	Mammal	Masked shrew	*Sorex cinereus*
Adams Creek	8/17/94	Middle	U	Pitfall	2	Mammal	Masked shrew	*Sorex cinereus*
Adams Creek	8/17/94	Middle	U	Pitfall	2	Mammal	White-footed mouse	*Peromyscus leucopus*
Adams Creek	8/17/94	Middle	D	Pitfall	5	Mammal	Short-tailed shrew	*Blarina brevicauda*
Adams Creek	8/17/94	Middle	U	Snap trap	7	Mammal	White-footed mouse	*Peromyscus leucopus*
Adams Creek	8/17/94	Middle	D	Pitfall	7	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/17/94	Edge	U	Snap trap	11	Mammal	White-footed mouse	*Peromyscus leucopus*
Adams Creek	8/17/94	Edge	D	Snap trap	11	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/17/94	Stream	U	Pitfall	1	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
VanCampens	8/17/94	Stream	U	Pitfall	2	Amphibian	N. Dusky salamander	*Desmognathus fuscus*
VanCampens	8/17/94	Stream	D	Pitfall	2	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/17/94	Stream	D	Pitfall	3	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/17/94	Stream	U	Pitfall	5	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/17/94	Stream	U	Pitfall	9	Amphibian	Green frog	*Rana clamitans*
VanCampens	8/17/94	Stream	D	Pitfall	12	Amphibian	Green frog	*Rana clamitans*
VanCampens	8/17/94	Stream	D	Pitfall	12	Amphibian	Green frog	*Rana clamitans*
VanCampens	8/17/94	Middle	U	Pitfall	1	Amphibian	American toad	*Bufo americanus*
VanCampens	8/17/94	Middle	U	Pitfall	4	Amphibian	American toad	*Bufo americanus*
VanCampens	8/17/94	Middle	U	Pitfall	7	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/17/94	Middle	U	Pitfall	8	Amphibian	Green frog	*Rana clamitans*
VanCampens	8/17/94	Middle	D	Pitfall	9	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/17/94	Middle	U	Pitfall	11	Amphibian	American toad	*Bufo americanus*
VanCampens	8/17/94	Middle	U	Pitfall	12	Amphibian	American toad	*Bufo americanus*
VanCampens	8/17/94	Edge	U	Pitfall	4	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/17/94	Edge	U	Pitfall	6	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/17/94	Edge	D	Pitfall	9	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/17/94	Edge	U	Pitfall	10	Amphibian	American toad	*Bufo americanus*
VanCampens	8/17/94	Edge	U	Pitfall	10	Amphibian	American toad	*Bufo americanus*
VanCampens	8/17/94	Stream	D	Pitfall	1	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/17/94	Stream	D	Snap trap	1	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/17/94	Stream	D	Pitfall	3	Mammal	Smokey shrew	*Sorex fumeus*
VanCampens	8/17/94	Stream	U	Pitfall	5	Mammal	Masked shrew	*Sorex cinereus*
VanCampens	8/17/94	Stream	D	Snap trap	6	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/17/94	Stream	U	Snap trap	7	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/17/94	Stream	D	Snap trap	7	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/17/94	Stream	U	Pitfall	7	Mammal	Smokey shrew	*Sorex fumeus*
VanCampens	8/17/94	Stream	U	Pitfall	8	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/17/94	Stream	D	Pitfall	9	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/17/94	Stream	D	Pitfall	9	Mammal	Masked shrew	*Sorex cinereus*
VanCampens	8/17/94	Middle	U	Pitfall	1	Mammal	Smokey shrew	*Sorex fumeus*
VanCampens	8/17/94	Middle	D	Pitfall	3	Mammal	Red-backed vole	*Clethrionomys gapperi*
VanCampens	8/17/94	Middle	D	Pitfall	4	Mammal	Red-backed vole	*Clethrionomys gapperi*
VanCampens	8/17/94	Middle	U	Snap trap	9	Mammal	W. Jumping mouse	*Napeozapus insignis*
VanCampens	8/17/94	Edge	D	Snap trap	1	Mammal	Red-backed vole	*Clethrionomys gapperi*
VanCampens	8/17/94	Edge	D	Pitfall	6	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/18/94	Edge	U	Pitfall	6	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/18/94	Middle	U	Pitfall	6	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/18/94	Middle	D	Pitfall	9	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/18/94	Edge	U	Pitfall	7	Mammal	White-footed mouse	*Peromyscus leucopus*
Adams Creek	8/18/94	Edge	D	Pitfall	3	Mammal	Smokey shrew	*Sorex fumeus*
VanCampens	8/18/94	Middle	D	Pitfall	2	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/18/94	Middle	D	Pitfall	2	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/18/94	Middle	D	Pitfall	3	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/18/94	Middle	D	Pitfall	3	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/18/94	Middle	D	Pitfall	3	Amphibian	N. Red salamander	*Pseudotriton ruber*
VanCampens	8/18/94	Middle	U	Pitfall	4	Amphibian	Slimy salamander	*Plethodon glutinosis*

VanCampens	8/18/94	Middle	U	Pitfall	4	Amphibian	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/18/94	Middle	D	Pitfall	4	Amphibian	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/18/94	Middle	D	Pitfall	4	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/18/94	Middle	D	Pitfall	4	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/18/94	Middle	D	Pitfall	4	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/18/94	Middle	D	Pitfall	12	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/18/94	Edge	D	Pitfall	2	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/18/94	Edge	D	Pitfall	2	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/18/94	Edge	U	Pitfall	3	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/18/94	Edge	U	Pitfall	4	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/18/94	Edge	D	Pitfall	6	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/18/94	Edge	D	Pitfall	6	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/18/94	Edge	U	Pitfall	8	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/18/94	Edge	U	Pitfall	8	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/18/94	Edge	D	Pitfall	8	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/18/94	Edge	D	Pitfall	8	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/18/94	Edge	D	Pitfall	9	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/18/94	Edge	D	Pitfall	12	Amphibian	N. Red salamander	*Pseudotriton ruber*
VanCampens	8/18/94	Edge	D	Pitfall	12	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/18/94	Edge	D	Pitfall	12	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/18/94	Edge	D	Pitfall	12	Amphibian	N. Two-lined salamander	*Eurycea bislineata*
VanCampens	8/18/94	Edge	U	Pitfall	3	Mammal	Red-backed vole	*Clethrionomys gapperi*
VanCampens	8/18/94	Middle	U	Pitfall	4	Mammal	Smokey shrew	*Sorex fumeus*
VanCampens	8/18/94	Middle	D	Pitfall	10	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/19/94	Middle	U	Pitfall	8	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/19/94	Stream	D	Pitfall	2	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/19/94	Stream	D	Pitfall	2	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/19/94	Stream	U	Pitfall	12	Amphibian	American toad	*Bufo americanus*
Adams Creek	8/19/94	Stream	U	Pitfall	4	Amphibian	American toad	*Bufo americanus*
Adams Creek	8/19/94	Stream	D	Pitfall	5	Amphibian	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/19/94	Stream	U	Pitfall	5	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/19/94	Stream	U	Pitfall	5	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/19/94	Stream	D	Pitfall	7	Amphibian	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/19/94	Stream	U	Pitfall	8	Amphibian	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/19/94	Stream	D	Pitfall	9	Amphibian	N. Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/19/94	Stream	D	Pitfall	9	Amphibian	N. Dusky salamander	*Desmognathus fuscus*
Adams Creek	8/19/94	Stream	U	Pitfall	10	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/19/94	Stream	D	Pitfall	10	Amphibian	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/19/94	Stream	U	Pitfall	11	Amphibian	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/19/94	Stream	U	Pitfall	11	Amphibian	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/19/94	Middle	D	Pitfall	11	Amphibian	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/19/94	Middle	U	Pitfall	11	Amphibian	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/19/94	Edge	U	Pitfall	7	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/19/94	Edge	U	Pitfall	11	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/19/94	Edge	D	Pitfall	10	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/19/94	Edge	U	Pitfall	9	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/19/94	Edge	D	Pitfall	9	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/19/94	Edge	U	Pitfall	8	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/19/94	Edge	U	Pitfall	8	Amphibian	American toad	*Bufo americanus*
Adams Creek	8/19/94	Edge	U	Pitfall	7	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/19/94	Edge	D	Pitfall	6	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/19/94	Edge	U	Pitfall	5	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/19/94	Edge	D	Pitfall	5	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/19/94	Edge	D	Pitfall	5	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/19/94	Edge	D	Pitfall	3	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/19/94	Edge	U	Pitfall	2	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/19/94	Middle	D	Pitfall	4	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/19/94	Middle	U	Pitfall	9	Mammal	White-footed mouse	*Peromyscus leucopus*
Adams Creek	8/19/94	Stream	U	Pitfall	2	Mammal	Masked shrew	*Sorex cinereus*
Adams Creek	8/19/94	Stream	U	Pitfall	2	Mammal	W. Jumping mouse	*Napeozapus insignis*
Adams Creek	8/19/94	Stream	U	Pitfall	1	Mammal	Smokey shrew	*Sorex fumeus*

Appendix II - 1994 Capture Summary Table

Adams Creek	8/19/94	Stream	U	Pitfall	12	Mammal	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/19/94	Stream	D	Pitfall	12	Mammal	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/19/94	Stream	U	Pitfall	3	Mammal	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/19/94	Stream	D	Pitfall	4	Mammal	Masked shrew	*Sorex cinereus*
Adams Creek	8/19/94	Stream	U	Pitfall	5	Mammal	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/19/94	Stream	U	Snap trap	5	Mammal	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/19/94	Stream	D	Pitfall	7	Mammal	Pine vole	*Microtus pinetorum*
Adams Creek	8/19/94	Stream	D	Pitfall	7	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/19/94	Stream	D	Pitfall	8	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/19/94	Middle	D	Pitfall	10	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/19/94	Stream	D	Pitfall	10	Mammal	W. Jumping mouse	*Napeozapus insignis*
Adams Creek	8/19/94	Stream	D	Pitfall	10	Mammal	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/19/94	Stream	D	Pitfall	10	Mammal	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/19/94	Stream	D	Pitfall	11	Mammal	Pine vole	*Microtus pinetorum*
Adams Creek	8/19/94	Middle	U	Pitfall	1	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/19/94	Edge	U	Pitfall	10	Mammal	White-footed mouse	*Peromyscus leucopus*
Adams Creek	8/19/94	Edge	U	Pitfall	2	Mammal	White-footed mouse	*Peromyscus leucopus*
Adams Creek	8/19/94	Middle	D	Pitfall	3	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/19/94	Middle	U	Pitfall	6	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/19/94	Stream	U	Pitfall	2	Amphibian	N. Spring salamander	*Gyrinophilus porphyriticus*
VanCampens	8/19/94	Stream	D	Pitfall	2	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
VanCampens	8/19/94	Stream	D	Pitfall	2	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/19/94	Stream	D	Pitfall	9	Amphibian	Green frog	*Rana clamitans*
VanCampens	8/19/94	Stream	U	Pitfall	12	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/19/94	Middle	D	Pitfall	2	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/19/94	Middle	D	Pitfall	3	Amphibian	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/19/94	Middle	U	Pitfall	4	Amphibian	American toad	*Bufo americanus*
VanCampens	8/19/94	Middle	D	Pitfall	4	Amphibian	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/19/94	Middle	D	Pitfall	5	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/19/94	Middle	D	Pitfall	7	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/19/94	Middle	D	Pitfall	7	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/19/94	Middle	D	Pitfall	9	Amphibian	American toad	*Bufo americanus*
VanCampens	8/19/94	Middle	U	Pitfall	10	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/19/94	Middle	U	Pitfall	10	Amphibian	Green frog	*Rana clamitans*
VanCampens	8/19/94	Edge	D	Snap trap	1	Amphibian	Bullfrog	*Rana catesbeiana*
VanCampens	8/19/94	Edge	D	Pitfall	1	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/19/94	Edge	U	Pitfall	1	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/19/94	Edge	U	Pitfall	1	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/19/94	Edge	D	Pitfall	2	Amphibian	American toad	*Bufo americanus*
VanCampens	8/19/94	Edge	U	Pitfall	4	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/19/94	Edge	D	Pitfall	4	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
VanCampens	8/19/94	Edge	D	Pitfall	4	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/19/94	Edge	U	Pitfall	5	Amphibian	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/19/94	Edge	U	Pitfall	5	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/19/94	Edge	U	Pitfall	5	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/19/94	Edge	D	Pitfall	7	Amphibian	American toad	*Bufo americanus*
VanCampens	8/19/94	Edge	U	Pitfall	8	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/19/94	Edge	U	Pitfall	8	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/19/94	Edge	D	Pitfall	8	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/19/94	Edge	D	Pitfall	8	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/19/94	Edge	D	Pitfall	9	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/19/94	Edge	D	Pitfall	9	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/19/94	Edge	U	Pitfall	10	Amphibian	N. Two-lined salamander	*Eurycea bislineata*
VanCampens	8/19/94	Edge	D	Pitfall	11	Amphibian	Green frog	*Rana clamitans*
VanCampens	8/19/94	Edge	D	Pitfall	12	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
VanCampens	8/19/94	Edge	U	Pitfall	12	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/19/94	Edge	U	Pitfall	12	Amphibian	Green frog	*Rana clamitans*
VanCampens	8/19/94	Edge	U	Pitfall	12	Amphibian	Green frog	*Rana clamitans*
VanCampens	8/19/94	Stream	U	Snap trap	1	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/19/94	Stream	U	Pitfall	2	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/19/94	Stream	D	Snap trap	2	Mammal	White-footed mouse	*Peromyscus leucopus*

VanCampens	8/19/94	Stream	D	Pitfall	2	Mammal	Masked shrew	*Sorex cinereus*
VanCampens	8/19/94	Stream	U	Pitfall	3	Mammal	Smokey shrew	*Sorex fumeus*
VanCampens	8/19/94	Stream	U	Pitfall	4	Mammal	Red-backed vole	*Clethrionomys gapperi*
VanCampens	8/19/94	Stream	D	Pitfall	4	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/19/94	Stream	U	Pitfall	6	Mammal	Red-backed vole	*Clethrionomys gapperi*
VanCampens	8/19/94	Stream	D	Snap trap	8	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/19/94	Stream	D	Snap trap	10	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/19/94	Stream	U	Snap trap	12	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/19/94	Middle	D	Snap trap	6	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/19/94	Middle	D	Snap trap	7	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/19/94	Middle	U	Snap trap	7	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/19/94	Middle	D	Pitfall	8	Mammal	Smokey shrew	*Sorex fumeus*
VanCampens	8/19/94	Middle	U	Pitfall	8	Mammal	Masked shrew	*Sorex cinereus*
VanCampens	8/19/94	Middle	U	Snap trap	10	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/19/94	Edge	U	Snap trap	1	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/19/94	Edge	D	Snap trap	1	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/19/94	Edge	U	Snap trap	4	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/19/94	Edge	D	Snap trap	8	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/19/94	Edge	D	Pitfall	10	Mammal	White-footed mouse	*Peromyscus leucopus*
Adams Creek	8/20/94	Middle	U	Pitfall	9	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/20/94	Middle	U	Pitfall	8	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/20/94	Stream	D	Pitfall	12	Amphibian	American toad	*Bufo americanus*
Adams Creek	8/20/94	Stream	D	Pitfall	12	Amphibian	American toad	*Bufo americanus*
Adams Creek	8/20/94	Stream	D	Pitfall	1	Amphibian	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/20/94	Stream	U	Pitfall	5	Amphibian	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/20/94	Stream	U	Pitfall	5	Amphibian	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/20/94	Stream	U	Pitfall	6	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/20/94	Stream	D	Pitfall	10	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/20/94	Middle	U	Pitfall	11	Amphibian	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/20/94	Middle	U	Pitfall	11	Amphibian	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/20/94	Edge	D	Pitfall	11	Amphibian	Green frog	*Rana clamitans*
Adams Creek	8/20/94	Edge	U	Pitfall	9	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/20/94	Edge	D	Pitfall	7	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/20/94	Edge	D	Pitfall	6	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/20/94	Edge	U	Pitfall	4	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/20/94	Edge	D	Pitfall	3	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/20/94	Edge	D	Pitfall	2	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/20/94	Edge	D	Pitfall	1	Amphibian	American toad	*Bufo americanus*
Adams Creek	8/20/94	Middle	U	Pitfall	2	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/20/94	Middle	D	Pitfall	3	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/20/94	Middle	D	Pitfall	8	Mammal	White-footed mouse	*Peromyscus leucopus*
Adams Creek	8/20/94	Stream	D	Pitfall	12	Mammal	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/20/94	Stream	D	Pitfall	2	Mammal	Masked shrew	*Sorex cinereus*
Adams Creek	8/20/94	Stream	D	Pitfall	2	Mammal	W. Jumping mouse	*Napeozapus insignis*
Adams Creek	8/20/94	Stream	D	Pitfall	4	Mammal	Masked shrew	*Sorex cinereus*
Adams Creek	8/20/94	Stream	U	Snap trap	9	Mammal	W. Jumping mouse	*Napeozapus insignis*
Adams Creek	8/20/94	Stream	U	Pitfall	10	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/20/94	Stream	D	Pitfall	11	Mammal	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/20/94	Edge	U	Pitfall	10	Mammal	White-footed mouse	*Peromyscus leucopus*
Adams Creek	8/20/94	Edge	U	Pitfall	8	Mammal	Pine vole	*Microtus pinetorum*
Adams Creek	8/20/94	Edge	U	Pitfall	4	Mammal	Pine vole	*Microtus pinetorum*
Adams Creek	8/20/94	Edge	D	Pitfall	1	Mammal	Red-backed vole	*Clethrionomys gapperi*
VanCampens	8/20/94	Stream	U	Pitfall	8	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/20/94	Stream	U	Pitfall	11	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/20/94	Stream	D	Pitfall	11	Amphibian	Green frog	*Rana clamitans*
VanCampens	8/20/94	Stream	D	Pitfall	12	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/20/94	Middle	D	Pitfall	2	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/20/94	Middle	D	Pitfall	3	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/20/94	Middle	U	Pitfall	4	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/20/94	Middle	U	Pitfall	6	Amphibian	Green frog	*Rana clamitans*
VanCampens	8/20/94	Middle	D	Pitfall	10	Amphibian	Slimy salamander	*Plethodon glutinosis*

VanCampens	8/20/94	Edge	D	Pitfall	2	Amphibian	American toad	*Bufo americanus*
VanCampens	8/20/94	Edge	U	Pitfall	3	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/20/94	Edge	U	Pitfall	5	Amphibian	Green frog	*Rana clamitans*
VanCampens	8/20/94	Edge	D	Pitfall	7	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/20/94	Edge	U	Pitfall	8	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/20/94	Edge	D	Pitfall	8	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/20/94	Edge	U	Pitfall	11	Amphibian	American toad	*Bufo americanus*
VanCampens	8/20/94	Stream	U	Snap trap	1	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/20/94	Stream	D	Snap trap	4	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/20/94	Stream	U	Pitfall	3	Mammal	Red-backed vole	*Clethrionomys gapperi*
VanCampens	8/20/94	Stream	D	Pitfall	10	Mammal	Red-backed vole	*Clethrionomys gapperi*
VanCampens	8/20/94	Stream	D	Pitfall	10	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/20/94	Stream	U	Pitfall	10	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/20/94	Middle	D	Snap trap	1	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/20/94	Middle	U	Snap trap	1	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/20/94	Middle	D	Snap trap	4	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/20/94	Middle	D	Snap trap	10	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/20/94	Middle	U	Snap trap	11	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/20/94	Edge	D	Pitfall	2	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/20/94	Edge	D	Pitfall	4	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/20/94	Edge	U	Snap trap	4	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/20/94	Edge	U	Pitfall	4	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/20/94	Edge	U	Snap trap	6	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/20/94	Edge	U	Snap trap	7	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/20/94	Edge	D	Pitfall	10	Mammal	White-footed mouse	*Peromyscus leucopus*
Adams Creek	8/21/94	Edge	U	Pitfall	1	Amphibian	American toad	*Bufo americanus*
Adams Creek	8/21/94	Edge	U	Pitfall	1	Amphibian	American toad	*Bufo americanus*
Adams Creek	8/21/94	Middle	D	Pitfall	1	Amphibian	American toad	*Bufo americanus*
Adams Creek	8/21/94	Stream	U	Pitfall	1	Amphibian	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/21/94	Stream	U	Pitfall	3	Amphibian	Wood frog	*Rana sylvatica*
Adams Creek	8/21/94	Stream	U	Pitfall	3	Amphibian	N. Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/21/94	Stream	D	Pitfall	5	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/21/94	Stream	D	Pitfall	7	Amphibian	Green frog	*Rana clamitans*
Adams Creek	8/21/94	Edge	D	Pitfall	6	Mammal	W. Jumping mouse	*Napeozapus insignis*
Adams Creek	8/21/94	Middle	U	Pitfall	4	Mammal	W. Jumping mouse	*Napeozapus insignis*
Adams Creek	8/21/94	Stream	D	Pitfall	1	Mammal	W. Jumping mouse	*Napeozapus insignis*
Adams Creek	8/21/94	Stream	U	Pitfall	2	Mammal	W. Jumping mouse	*Napeozapus insignis*
Adams Creek	8/21/94	Stream	U	Pitfall	5	Mammal	White-footed mouse	*Peromyscus leucopus*
Adams Creek	8/21/94	Stream	U	Snap trap	9	Mammal	W. Jumping mouse	*Napeozapus insignis*
VanCampens	8/21/94	Stream	U	Pitfall	5	Amphibian	American toad	*Bufo americanus*
VanCampens	8/21/94	Stream	D	Pitfall	6	Amphibian	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/21/94	Stream	U	Pitfall	10	Amphibian	N. Two-lined salamander	*Eurycea bislineata*
VanCampens	8/21/94	Stream	D	Pitfall	12	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/21/94	Middle	D	Pitfall	4	Amphibian	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/21/94	Middle	D	Pitfall	4	Amphibian	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/21/94	Middle	D	Pitfall	4	Amphibian	American toad	*Bufo americanus*
VanCampens	8/21/94	Middle	U	Pitfall	7	Amphibian	American toad	*Bufo americanus*
VanCampens	8/21/94	Middle	U	Pitfall	9	Amphibian	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/21/94	Middle	U	Pitfall	11	Amphibian	American toad	*Bufo americanus*
VanCampens	8/21/94	Edge	D	Pitfall	5	Amphibian	American toad	*Bufo americanus*
VanCampens	8/21/94	Edge	D	Pitfall	7	Amphibian	American toad	*Bufo americanus*
VanCampens	8/21/94	Edge	D	Pitfall	7	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/21/94	Edge	D	Pitfall	11	Amphibian	American toad	*Bufo americanus*
VanCampens	8/21/94	Edge	D	Pitfall	12	Amphibian	American toad	*Bufo americanus*
VanCampens	8/21/94	Edge	U	Pitfall	12	Amphibian	Fowler's toad	*Bufo woodhousei*
VanCampens	8/21/94	Stream	D	Snap trap	2	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/21/94	Stream	D	Pitfall	5	Mammal	Red-backed vole	*Clethrionomys gapperi*
VanCampens	8/21/94	Stream	D	Snap trap	10	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/21/94	Stream	U	Pitfall	12	Mammal	Smokey shrew	*Sorex fumeus*
VanCampens	8/21/94	Middle	U	Snap trap	1	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/21/94	Middle	D	Snap trap	1	Mammal	White-footed mouse	*Peromyscus leucopus*

VanCampens	8/21/94	Middle	U	Snap trap	3	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/21/94	Middle	D	Snap trap	4	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/21/94	Middle	D	Snap trap	12	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/21/94	Edge	U	Pitfall	1	Mammal	Smokey shrew	*Sorex fumeus*
VanCampens	8/21/94	Edge	U	Pitfall	5	Mammal	Short-tailed shrew	*Blarina brevicauda*
VanCampens	8/21/94	Edge	U	Snap trap	12	Mammal	White-footed mouse	*Peromyscus leucopus*
Adams Creek	8/22/94	Edge	D	Pitfall	8	Amphibian	Wood frog	*Rana sylvatica*
Adams Creek	8/22/94	Edge	D	Pitfall	8	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/22/94	Edge	U	Pitfall	7	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/22/94	Edge	U	Pitfall	6	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/22/94	Edge	D	Pitfall	6	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/22/94	Edge	D	Pitfall	6	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/22/94	Edge	D	Pitfall	6	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/22/94	Edge	D	Pitfall	6	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/22/94	Edge	D	Pitfall	6	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/22/94	Edge	D	Pitfall	5	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/22/94	Edge	D	Pitfall	5	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/22/94	Edge	D	Pitfall	4	Amphibian	N. Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/22/94	Edge	U	Pitfall	3	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/22/94	Edge	U	Pitfall	2	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/22/94	Edge	D	Pitfall	1	Amphibian	American toad	*Bufo americanus*
Adams Creek	8/22/94	Stream	U	Pitfall	1	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/22/94	Stream	U	Pitfall	1	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/22/94	Stream	D	Pitfall	1	Amphibian	N. Red salamander	*Pseudotriton ruber*
Adams Creek	8/22/94	Middle	U	Pitfall	2	Amphibian	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/22/94	Middle	U	Pitfall	4	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/22/94	Middle	D	Pitfall	5	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/22/94	Middle	D	Pitfall	5	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/22/94	Middle	D	Pitfall	5	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/22/94	Middle	D	Pitfall	5	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/22/94	Middle	D	Pitfall	5	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/22/94	Middle	U	Pitfall	6	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/22/94	Middle	D	Pitfall	6	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/22/94	Middle	D	Pitfall	6	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/22/94	Middle	D	Pitfall	6	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/22/94	Middle	D	Pitfall	6	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/22/94	Middle	D	Pitfall	6	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/22/94	Middle	D	Pitfall	6	Amphibian	Green frog	*Rana clamitans*
Adams Creek	8/22/94	Middle	D	Pitfall	6	Amphibian	N. Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/22/94	Middle	D	Pitfall	11	Amphibian	Green frog	*Rana clamitans*
Adams Creek	8/22/94	Middle	D	Pitfall	11	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/22/94	Middle	U	Pitfall	7	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/22/94	Edge	D	Pitfall	12	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/22/94	Edge	D	Pitfall	12	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/22/94	Edge	U	Pitfall	10	Amphibian	N. Red salamander	*Pseudotriton ruber*
Adams Creek	8/22/94	Edge	U	Pitfall	9	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/22/94	Edge	D	Pitfall	9	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/22/94	Edge	D	Pitfall	9	Amphibian	Spotted salamander	*AMMA*
Adams Creek	8/22/94	Edge	D	Pitfall	9	Amphibian	Spotted salamander	*AMMA*
Adams Creek	8/22/94	Edge	D	Pitfall	9	Amphibian	Spotted salamander	*AMMA*
Adams Creek	8/22/94	Middle	U	Pitfall	8	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/22/94	Middle	U	Pitfall	9	Amphibian	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/22/94	Middle	D	Pitfall	9	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/22/94	Stream	U	Pitfall	3	Amphibian	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/22/94	Stream	D	Pitfall	6	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/22/94	Stream	D	Pitfall	7	Amphibian	N. Dusky salamander	*Desmognathus fuscus*
Adams Creek	8/22/94	Middle	D	Pitfall	10	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/22/94	Stream	U	Pitfall	11	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/22/94	Stream	U	Pitfall	11	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/22/94	Stream	D	Pitfall	11	Amphibian	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/22/94	Stream	D	Pitfall	11	Amphibian	Green frog	*Rana clamitans*

Adams Creek	8/22/94	Edge	D	Pitfall	7	Mammal	Pygmy shrew	*Sorex hoyi*
Adams Creek	8/22/94	Edge	D	Pitfall	5	Mammal	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/22/94	Edge	U	Pitfall	4	Mammal	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/22/94	Edge	D	Pitfall	4	Mammal	Short-tailed shrew	*Blarina brevicauda*
Adams Creek	8/22/94	Edge	U	Pitfall	3	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/22/94	Edge	U	Pitfall	3	Mammal	Masked shrew	*Sorex cinereus*
Adams Creek	8/22/94	Edge	U	Pitfall	3	Mammal	Masked shrew	*Sorex cinereus*
Adams Creek	8/22/94	Edge	U	Pitfall	2	Mammal	Short-tailed shrew	*Blarina brevicauda*
Adams Creek	8/22/94	Edge	D	Pitfall	2	Mammal	Short-tailed shrew	*Blarina brevicauda*
Adams Creek	8/22/94	Edge	U	Pitfall	1	Mammal	Short-tailed shrew	*Blarina brevicauda*
Adams Creek	8/22/94	Edge	D	Pitfall	1	Mammal	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/22/94	Edge	D	Pitfall	1	Mammal	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/22/94	Stream	D	Pitfall	2	Mammal	Short-tailed shrew	*Blarina brevicauda*
Adams Creek	8/22/94	Middle	U	Pitfall	2	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/22/94	Middle	D	Pitfall	2	Mammal	Masked shrew	*Sorex cinereus*
Adams Creek	8/22/94	Middle	U	Pitfall	4	Mammal	Pygmy shrew	*Sorex hoyi*
Adams Creek	8/22/94	Middle	U	Pitfall	4	Mammal	Pygmy shrew	*Sorex hoyi*
Adams Creek	8/22/94	Middle	D	Pitfall	5	Mammal	Masked shrew	*Sorex cinereus*
Adams Creek	8/22/94	Middle	D	Pitfall	11	Mammal	Short-tailed shrew	*Blarina brevicauda*
Adams Creek	8/22/94	Middle	U	Pitfall	1	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/22/94	Middle	D	Pitfall	1	Mammal	Short-tailed shrew	*Blarina brevicauda*
Adams Creek	8/22/94	Edge	U	Pitfall	12	Mammal	Masked shrew	*Sorex cinereus*
Adams Creek	8/22/94	Edge	D	Pitfall	12	Mammal	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/22/94	Edge	U	Pitfall	10	Mammal	Pygmy shrew	*Sorex hoyi*
Adams Creek	8/22/94	Edge	U	Pitfall	9	Mammal	Pygmy shrew	*Sorex hoyi*
Adams Creek	8/22/94	Edge	D	Pitfall	9	Mammal	Masked shrew	*Sorex cinereus*
Adams Creek	8/22/94	Edge	D	Pitfall	9	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/22/94	Middle	D	Pitfall	8	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/22/94	Middle	D	Pitfall	9	Mammal	Short-tailed shrew	*Blarina brevicauda*
Adams Creek	8/22/94	Stream	D	Pitfall	3	Mammal	Deer mouse	*Peromyscus maniculatus*
Adams Creek	8/22/94	Stream	U	Pitfall	5	Mammal	Short-tailed shrew	*Blarina brevicauda*
Adams Creek	8/22/94	Stream	D	Pitfall	5	Mammal	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/22/94	Stream	U	Pitfall	6	Mammal	W. Jumping mouse	*Napeozapus insignis*
Adams Creek	8/22/94	Stream	U	Pitfall	8	Mammal	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/22/94	Stream	U	Pitfall	8	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/22/94	Middle	D	Pitfall	10	Mammal	W. Jumping mouse	*Napeozapus insignis*
VanCampens	8/22/94	Stream	U	Pitfall	2	Amphibian	American toad	*Bufo americanus*
VanCampens	8/22/94	Stream	U	Pitfall	2	Amphibian	American toad	*Bufo americanus*
VanCampens	8/22/94	Stream	D	Pitfall	2	Amphibian	N. Red salamander	*Pseudotriton ruber*
VanCampens	8/22/94	Stream	U	Pitfall	3	Amphibian	American toad	*Bufo americanus*
VanCampens	8/22/94	Stream	U	Pitfall	3	Amphibian	American toad	*Bufo americanus*
VanCampens	8/22/94	Stream	U	Pitfall	3	Amphibian	American toad	*Bufo americanus*
VanCampens	8/22/94	Stream	D	Pitfall	4	Amphibian	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/22/94	Stream	D	Pitfall	4	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Stream	U	Pitfall	5	Amphibian	Marbled salamander	*AMOP*
VanCampens	8/22/94	Stream	U	Pitfall	5	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Stream	D	Pitfall	5	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Stream	U	Pitfall	6	Amphibian	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/22/94	Stream	D	Pitfall	6	Amphibian	Green frog	*Rana clamitans*
VanCampens	8/22/94	Stream	D	Pitfall	9	Amphibian	Fowler's toad	*Bufo woodhousei*
VanCampens	8/22/94	Stream	U	Pitfall	10	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Stream	D	Pitfall	10	Amphibian	American toad	*Bufo americanus*
VanCampens	8/22/94	Stream	D	Pitfall	11	Amphibian	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/22/94	Stream	U	Pitfall	11	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Stream	U	Pitfall	12	Amphibian	N. Red salamander	*Pseudotriton ruber*
VanCampens	8/22/94	Stream	D	Pitfall	12	Amphibian	N. Red salamander	*Pseudotriton ruber*
VanCampens	8/22/94	Middle	U	Pitfall	1	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Middle	D	Pitfall	1	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Middle	D	Pitfall	1	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Middle	D	Pitfall	1	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Middle	D	Pitfall	1	Amphibian	American toad	*Bufo americanus*

VanCampens	8/22/94	Middle	U	Pitfall	3	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Middle	D	Pitfall	4	Amphibian	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/22/94	Middle	D	Pitfall	4	Amphibian	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/22/94	Middle	D	Pitfall	6	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Middle	D	Pitfall	7	Amphibian	N. Two-lined salamander	*Eurycea bislineata*
VanCampens	8/22/94	Middle	U	Pitfall	9	Amphibian	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/22/94	Middle	D	Pitfall	10	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Middle	U	Pitfall	11	Amphibian	American toad	*Bufo americanus*
VanCampens	8/22/94	Middle	U	Pitfall	11	Amphibian	American toad	*Bufo americanus*
VanCampens	8/22/94	Middle	U	Pitfall	11	Amphibian	American toad	*Bufo americanus*
VanCampens	8/22/94	Middle	D	Pitfall	11	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Middle	D	Pitfall	12	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
VanCampens	8/22/94	Middle	D	Pitfall	12	Amphibian	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/22/94	Middle	D	Pitfall	12	Amphibian	American toad	*Bufo americanus*
VanCampens	8/22/94	Edge	U	Pitfall	1	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Edge	U	Pitfall	1	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Edge	D	Pitfall	1	Amphibian	American toad	*Bufo americanus*
VanCampens	8/22/94	Edge	D	Pitfall	1	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Edge	D	Pitfall	1	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Edge	D	Pitfall	1	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Edge	U	Pitfall	2	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Edge	D	Pitfall	2	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Edge	D	Pitfall	2	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Edge	U	Pitfall	3	Amphibian	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/22/94	Edge	U	Pitfall	3	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Edge	D	Pitfall	3	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Edge	U	Pitfall	4	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Edge	D	Pitfall	4	Amphibian	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/22/94	Edge	U	Pitfall	5	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Edge	D	Pitfall	5	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Edge	U	Pitfall	6	Amphibian	American toad	*Bufo americanus*
VanCampens	8/22/94	Edge	U	Pitfall	6	Amphibian	American toad	*Bufo americanus*
VanCampens	8/22/94	Edge	D	Pitfall	6	Amphibian	American toad	*Bufo americanus*
VanCampens	8/22/94	Edge	D	Pitfall	6	Amphibian	Fowler's toad	*Bufo woodhousei*
VanCampens	8/22/94	Edge	D	Pitfall	6	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Edge	U	Pitfall	6	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Edge	U	Pitfall	8	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Edge	U	Pitfall	8	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Edge	U	Pitfall	8	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Edge	D	Pitfall	8	Amphibian	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/22/94	Edge	D	Pitfall	8	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Edge	D	Pitfall	8	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Edge	D	Pitfall	8	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Edge	D	Pitfall	8	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Edge	D	Pitfall	8	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Edge	D	Pitfall	8	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Edge	U	Pitfall	9	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Edge	D	Pitfall	10	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Edge	D	Pitfall	11	Amphibian	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/22/94	Edge	D	Pitfall	11	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Edge	D	Pitfall	11	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Edge	D	Pitfall	11	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Edge	D	Pitfall	11	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/22/94	Edge	D	Pitfall	11	Amphibian	N. Two-lined salamander	*Eurycea bislineata*
VanCampens	8/22/94	Edge	D	Pitfall	12	Amphibian	American toad	*Bufo americanus*
VanCampens	8/22/94	Edge	D	Pitfall	12	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
VanCampens	8/22/94	Middle	D	Pitfall	12	Mammal	Masked shrew	*Sorex cinereus*
VanCampens	8/22/94	Stream	D	Pitfall	7	Mammal	Smokey shrew	*Sorex fumeus*
VanCampens	8/22/94	Stream	U	Pitfall	6	Mammal	Short-tailed shrew	*Blarina brevicauda*
VanCampens	8/22/94	Stream	D	Pitfall	7	Mammal	Masked shrew	*Sorex cinereus*
VanCampens	8/22/94	Stream	U	Pitfall	9	Mammal	Masked shrew	*Sorex cinereus*

VanCampens	8/22/94	Stream	U	Pitfall	11	Mammal	Short-tailed shrew	*Blarina brevicauda*
VanCampens	8/22/94	Stream	U	Pitfall	12	Mammal	Short-tailed shrew	*Blarina brevicauda*
VanCampens	8/22/94	Stream	D	Snap trap	12	Mammal	Short-tailed shrew	*Blarina brevicauda*
VanCampens	8/22/94	Middle	U	Pitfall	1	Mammal	Smokey shrew	*Sorex fumeus*
VanCampens	8/22/94	Middle	D	Pitfall	1	Mammal	Short-tailed shrew	*Blarina brevicauda*
VanCampens	8/22/94	Middle	D	Pitfall	2	Mammal	Smokey shrew	*Sorex fumeus*
VanCampens	8/22/94	Middle	D	Pitfall	2	Mammal	Short-tailed shrew	*Blarina brevicauda*
VanCampens	8/22/94	Middle	D	Pitfall	4	Mammal	Smokey shrew	*Sorex fumeus*
VanCampens	8/22/94	Middle	D	Pitfall	7	Mammal	Pygmy shrew	*Sorex hoyi*
VanCampens	8/22/94	Middle	U	Pitfall	8	Mammal	Smokey shrew	*Sorex fumeus*
VanCampens	8/22/94	Middle	D	Pitfall	8	Mammal	Short-tailed shrew	*Blarina brevicauda*
VanCampens	8/22/94	Middle	D	Pitfall	8	Mammal	Smokey shrew	*Sorex fumeus*
VanCampens	8/22/94	Middle	D	Snap trap	8	Mammal	Short-tailed shrew	*Blarina brevicauda*
VanCampens	8/22/94	Middle	D	Pitfall	9	Mammal	Smokey shrew	*Sorex fumeus*
VanCampens	8/22/94	Middle	U	Pitfall	10	Mammal	Masked shrew	*Sorex cinereus*
VanCampens	8/22/94	Middle	D	Pitfall	11	Mammal	Pygmy shrew	*Sorex hoyi*
VanCampens	8/22/94	Edge	D	Pitfall	2	Mammal	Red-backed vole	*Clethrionomys gapperi*
VanCampens	8/22/94	Edge	U	Pitfall	4	Mammal	Pygmy shrew	*Sorex hoyi*
VanCampens	8/22/94	Edge	D	Pitfall	4	Mammal	Smokey shrew	*Sorex fumeus*
VanCampens	8/22/94	Edge	U	Pitfall	7	Mammal	Pygmy shrew	*Sorex hoyi*
VanCampens	8/22/94	Edge	U	Pitfall	7	Mammal	Short-tailed shrew	*Blarina brevicauda*
VanCampens	8/22/94	Edge	D	Snap trap	9	Mammal	Short-tailed shrew	*Blarina brevicauda*
VanCampens	8/22/94	Stream	D	Pitfall	11	Mammal	Smokey shrew	*Sorex fumeus*
VanCampens	8/22/94	Edge	D	Pitfall	12	Mammal	Short-tailed shrew	*Blarina brevicauda*
Adams Creek	8/23/94	Middle	U	Pitfall	7	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/23/94	Middle	U	Pitfall	7	Amphibian	N. Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/23/94	Middle	U	Pitfall	1	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/23/94	Middle	U	Pitfall	1	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/23/94	Middle	U	Pitfall	1	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/23/94	Edge	D	Pitfall	12	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/23/94	Edge	D	Pitfall	12	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/23/94	Edge	U	Pitfall	10	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/23/94	Edge	U	Pitfall	10	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/23/94	Edge	U	Pitfall	10	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/23/94	Edge	U	Pitfall	9	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/23/94	Edge	D	Pitfall	9	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/23/94	Edge	D	Pitfall	9	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/23/94	Middle	U	Pitfall	8	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/23/94	Middle	U	Pitfall	8	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/23/94	Middle	D	Pitfall	9	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/23/94	Middle	D	Pitfall	9	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/23/94	Stream	D	Pitfall	3	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/23/94	Stream	D	Pitfall	4	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/23/94	Stream	D	Pitfall	4	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/23/94	Stream	U	Pitfall	5	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/23/94	Stream	U	Pitfall	5	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/23/94	Stream	U	Pitfall	5	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/23/94	Stream	D	Pitfall	5	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/23/94	Stream	U	Pitfall	6	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/23/94	Stream	U	Pitfall	6	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/23/94	Stream	D	Pitfall	6	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/23/94	Stream	U	Pitfall	7	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/23/94	Stream	D	Pitfall	8	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/23/94	Middle	U	Pitfall	10	Amphibian	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/23/94	Middle	D	Pitfall	10	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/23/94	Stream	U	Pitfall	10	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/23/94	Edge	D	Pitfall	8	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/23/94	Edge	D	Pitfall	8	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/23/94	Edge	U	Pitfall	7	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/23/94	Edge	U	Pitfall	6	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/23/94	Edge	D	Pitfall	6	Amphibian	Red-backed salamander	*Plethodon cinereus*

Adams Creek	8/23/94	Edge	D	Pitfall	6	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/23/94	Edge	D	Pitfall	6	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/23/94	Edge	U	Pitfall	5	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/23/94	Edge	D	Pitfall	5	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/23/94	Edge	D	Pitfall	5	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/23/94	Edge	D	Pitfall	5	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/23/94	Edge	U	Pitfall	4	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/23/94	Edge	D	Pitfall	4	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/23/94	Edge	D	Pitfall	4	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/23/94	Edge	U	Pitfall	3	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/23/94	Edge	U	Pitfall	3	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/23/94	Edge	U	Pitfall	3	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/23/94	Edge	U	Pitfall	3	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/23/94	Edge	U	Pitfall	1	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/23/94	Stream	U	Pitfall	2	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/23/94	Stream	U	Pitfall	2	Amphibian	N. Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/23/94	Stream	D	Pitfall	1	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/23/94	Stream	D	Pitfall	12	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/23/94	Stream	D	Pitfall	12	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/23/94	Middle	U	Pitfall	3	Amphibian	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/23/94	Middle	U	Pitfall	3	Amphibian	N. Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/23/94	Middle	D	Pitfall	3	Amphibian	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/23/94	Middle	U	Pitfall	4	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/23/94	Middle	D	Pitfall	4	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/23/94	Middle	U	Pitfall	5	Amphibian	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/23/94	Middle	D	Pitfall	5	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/23/94	Middle	D	Pitfall	6	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/23/94	Middle	D	Pitfall	6	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/23/94	Middle	D	Pitfall	6	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/23/94	Middle	D	Pitfall	6	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/23/94	Middle	U	Pitfall	11	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/23/94	Middle	U	Pitfall	1	Mammal	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/23/94	Stream	D	Pitfall	4	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/23/94	Stream	D	Pitfall	4	Mammal	Masked shrew	*Sorex cinereus*
Adams Creek	8/23/94	Stream	D	Pitfall	4	Mammal	Masked shrew	*Sorex cinereus*
Adams Creek	8/23/94	Stream	D	Pitfall	4	Mammal	Short-tailed shrew	*Blarina brevicauda*
Adams Creek	8/23/94	Stream	D	Pitfall	8	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/23/94	Middle	U	Pitfall	10	Mammal	Masked shrew	*Sorex cinereus*
Adams Creek	8/23/94	Stream	D	Snap trap	10	Mammal	W. Jumping mouse	*Napeozapus insignis*
Adams Creek	8/23/94	Stream	D	Pitfall	2	Mammal	W. Jumping mouse	*Napeozapus insignis*
Adams Creek	8/23/94	Stream	D	Pitfall	2	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/23/94	Stream	U	Pitfall	12	Mammal	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/23/94	Middle	D	Pitfall	2	Mammal	White-footed mouse	*Peromyscus leucopus*
Adams Creek	8/23/94	Middle	D	Snap trap	3	Mammal	White-footed mouse	*Peromyscus leucopus*
Adams Creek	8/23/94	Middle	U	Pitfall	6	Mammal	Smokey shrew	*Sorex fumeus*
VanCampens	8/23/94	Stream	U	Pitfall	2	Amphibian	American toad	*Bufo americanus*
VanCampens	8/23/94	Stream	D	Pitfall	4	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/23/94	Stream	D	Pitfall	11	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/23/94	Stream	U	Pitfall	12	Amphibian	Green frog	*Rana clamitans*
VanCampens	8/23/94	Stream	U	Pitfall	12	Amphibian	Green frog	*Rana clamitans*
VanCampens	8/23/94	Middle	U	Pitfall	3	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/23/94	Middle	U	Pitfall	4	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/23/94	Middle	D	Pitfall	6	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/23/94	Middle	D	Pitfall	10	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/23/94	Middle	D	Pitfall	10	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/23/94	Middle	D	Pitfall	11	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/23/94	Middle	D	Pitfall	11	Amphibian	Green frog	*Rana clamitans*
VanCampens	8/23/94	Middle	D	Pitfall	11	Amphibian	American toad	*Bufo americanus*
VanCampens	8/23/94	Middle	U	Pitfall	12	Amphibian	American toad	*Bufo americanus*
VanCampens	8/23/94	Edge	U	Pitfall	3	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
VanCampens	8/23/94	Edge	U	Pitfall	4	Amphibian	Red-backed salamander	*Plethodon cinereus*

VanCampens	8/23/94	Edge	U	Pitfall	4	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/23/94	Edge	D	Pitfall	4	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/23/94	Edge	U	Pitfall	5	Amphibian	Green frog	*Rana clamitans*
VanCampens	8/23/94	Edge	U	Pitfall	6	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/23/94	Edge	D	Pitfall	6	Amphibian	American toad	*Bufo americanus*
VanCampens	8/23/94	Edge	D	Pitfall	6	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
VanCampens	8/23/94	Edge	D	Pitfall	6	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
VanCampens	8/23/94	Edge	D	Pitfall	6	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/23/94	Edge	D	Pitfall	6	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/23/94	Edge	D	Pitfall	7	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/23/94	Edge	U	Pitfall	10	Amphibian	Green frog	*Rana clamitans*
VanCampens	8/23/94	Middle	D	Pitfall	7	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/23/94	Middle	U	Pitfall	10	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/23/94	Edge	D	Pitfall	11	Mammal	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/24/94	Edge	D	Pitfall	8	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/24/94	Edge	U	Pitfall	6	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/24/94	Edge	U	Pitfall	5	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/24/94	Edge	D	Pitfall	5	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/24/94	Edge	D	Pitfall	5	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/24/94	Edge	U	Pitfall	4	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/24/94	Edge	U	Pitfall	3	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/24/94	Edge	U	Pitfall	3	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/24/94	Edge	D	Pitfall	1	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/24/94	Edge	D	Pitfall	1	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/24/94	Stream	U	Pitfall	12	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/24/94	Middle	U	Pitfall	5	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/24/94	Middle	D	Pitfall	1	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/24/94	Stream	D	Pitfall	11	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/24/94	Stream	U	Pitfall	10	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/24/94	Stream	U	Pitfall	10	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/24/94	Stream	D	Pitfall	10	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/24/94	Stream	U	Pitfall	8	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/24/94	Stream	U	Pitfall	6	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/24/94	Stream	U	Pitfall	4	Amphibian	N. Two-lined salamander	*Eurycea bislineata*
Adams Creek	8/24/94	Stream	U	Pitfall	4	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/24/94	Stream	U	Pitfall	3	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/24/94	Middle	D	Pitfall	9	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/24/94	Edge	U	Pitfall	9	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/24/94	Edge	D	Pitfall	9	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/24/94	Edge	U	Pitfall	11	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/24/94	Edge	U	Pitfall	11	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/24/94	Stream	D	Pitfall	2	Mammal	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/24/94	Stream	U	Pitfall	1	Mammal	White-footed mouse	*Peromyscus leucopus*
Adams Creek	8/24/94	Stream	D	Pitfall	12	Mammal	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/24/94	Middle	U	Pitfall	4	Mammal	White-footed mouse	*Peromyscus leucopus*
Adams Creek	8/24/94	Stream	D	Pitfall	8	Mammal	White-footed mouse	*Peromyscus leucopus*
Adams Creek	8/24/94	Stream	U	Pitfall	4	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/24/94	Stream	D	Pitfall	4	Mammal	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/24/94	Middle	U	Pitfall	8	Mammal	Red-backed vole	*Clethrionomys gapperi*
Adams Creek	8/24/94	Middle	U	Snap trap	9	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/24/94	Stream	D	Pitfall	7	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
VanCampens	8/24/94	Stream	D	Pitfall	7	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
VanCampens	8/24/94	Stream	U	Pitfall	12	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
VanCampens	8/24/94	Stream	U	Pitfall	12	Amphibian	Green frog	*Rana clamitans*
VanCampens	8/24/94	Middle	D	Pitfall	12	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
VanCampens	8/24/94	Edge	D	Pitfall	5	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/24/94	Edge	D	Pitfall	7	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
VanCampens	8/24/94	Edge	U	Pitfall	8	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/24/94	Edge	U	Pitfall	9	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/24/94	Edge	D	Pitfall	9	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/24/94	Edge	U	Pitfall	10	Amphibian	Red-backed salamander	*Plethodon cinereus*

VanCampens	8/24/94	Stream	D	Snap trap	2	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/24/94	Stream	U	Pitfall	2	Mammal	N. Water shrew	*Sorex palustris*
VanCampens	8/24/94	Middle	D	Pitfall	2	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/24/94	Middle	U	Pitfall	7	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/24/94	Middle	U	Pitfall	9	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/25/94	Edge	D	Pitfall	7	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/25/94	Edge	D	Pitfall	5	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/25/94	Edge	U	Pitfall	1	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/25/94	Stream	U	Pitfall	2	Amphibian	American toad	*Bufo americanus*
Adams Creek	8/25/94	Stream	D	Pitfall	12	Amphibian	Slimy salamander	*Plethodon glutinosis*
Adams Creek	8/25/94	Middle	U	Pitfall	3	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/25/94	Middle	D	Pitfall	3	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/25/94	Middle	U	Pitfall	6	Amphibian	Red-backed salamander	*Plethodon cinereus*
Adams Creek	8/25/94	Edge	D	Pitfall	9	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/25/94	Middle	U	Pitfall	8	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/25/94	Stream	U	Pitfall	8	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/25/94	Stream	D	Pitfall	8	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/25/94	Stream	D	Pitfall	10	Amphibian	Red-spotted newt	*Notopthalmus viridescens*
Adams Creek	8/25/94	Middle	U	Pitfall	2	Mammal	White-footed mouse	*Peromyscus leucopus*
Adams Creek	8/25/94	Middle	D	Pitfall	8	Mammal	White-footed mouse	*Peromyscus leucopus*
Adams Creek	8/25/94	Stream	D	Pitfall	5	Mammal	White-footed mouse	*Peromyscus leucopus*
Adams Creek	8/25/94	Stream	D	Pitfall	8	Mammal	Masked shrew	*Sorex cinereus*
Adams Creek	8/25/94	Stream	D	Pitfall	8	Mammal	White-footed mouse	*Peromyscus leucopus*
Adams Creek	8/25/94	Stream	D	Pitfall	9	Mammal	Smokey shrew	*Sorex fumeus*
Adams Creek	8/25/94	Middle	D	Snap trap	11	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/25/94	Stream	D	Pitfall	3	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/25/94	Stream	U	Pitfall	8	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/25/94	Middle	D	Pitfall	4	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/25/94	Middle	U	Pitfall	4	Amphibian	American toad	*Bufo americanus*
VanCampens	8/25/94	Middle	D	Pitfall	12	Amphibian	Slimy salamander	*Plethodon glutinosis*
VanCampens	8/25/94	Edge	D	Pitfall	4	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/25/94	Edge	U	Pitfall	9	Amphibian	Red-backed salamander	*Plethodon cinereus*
VanCampens	8/25/94	Stream	U	Snap trap	4	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/25/94	Stream	D	Snap trap	6	Mammal	White-footed mouse	*Peromyscus leucopus*
VanCampens	8/25/94	Middle	U	Pitfall	9	Mammal	Smokey shrew	*Sorex fumeus*
VanCampens	8/25/94	Middle	D	Pitfall	12	Mammal	Smokey shrew	*Sorex fumeus*
VanCampens	8/25/94	Edge	U	Pitfall	7	Mammal	Chipmunk	*Tamias striatus*
VanCampens	8/25/94	Edge	U	Snap trap	12	Mammal	White-footed mouse	*Peromyscus leucopus*