

2010 Annual Report Larimer County Cooperative Mosquito Control Program City of Fort Collins



October 2010

Colorado Mosquito Control, Inc.

695 North 7th Ave. Brighton, Colorado 80601

(303) 558-8730 Fax 558-8734

Email: info@comosquitocontrol.com

Website: www.comosquitocontrol.com

On The Cover:

Dead Mosquitoes = Satisfied Customers

In this busy world of ringing phones, text messages, e-mail, tight budgets, run here, run there, do this, do that, it's easy to lose track of what's important and what your goals are.

At Colorado Mosquito Control, even after 23 years in business, we haven't forgotten our one simple goal:

Provide our customers with the highest quality services and control mosquitoes effectively and efficiently while protecting our Colorado environment.

Colorado Mosquito Control, Inc.

CITY OF FORT COLLINS
MOSQUITO MANAGEMENT PROGRAM

ANNUAL REPORT FOR 2010

TABLE OF CONTENTS

	PAGE
PROGRAM STATEMENT & OBJECTIVES	2
2010 SEASON PERSPECTIVE	3
FORT COLLINS/ LOVELAND AREA CLIMATE COMPARISON DATA	
WEST NILE VIRUS 2010	5
COUNTY LIST (2010 HUMAN CASE REPORTS)	
COLORADO MAP (2010 HUMAN CASE MAP)	
US MAP (2010 HUMAN CASE MAP)	
LARVAL MOSQUITO CONTROL	8
LARVAL SITE INSPECTIONS IN FORT COLLINS	
LARVAL SITE TREATMENTS IN FORT COLLINS	
LARVAL ACREAGE TREATMENTS IN FORT COLLINS	
LARVICIDE PRODUCT APPLICATION BY TYPE	
CMC SURVEILLANCE LABORATORY	12
CDC SURVEILLANCE LIGHT TRAP DATA COMPARISON	
SEASONAL ADULT MOSQUITO POPULATION DATA COMPARISON	
CSU WEST NILE VIRUS MOSQUITO SAMPLE TESTING RESULTS	
ADULT MOSQUITO CONTROL	18
SEASON DETAILS WITH ANNUAL COMPARISON	
ENVIRONMENTAL RESPONSIBILITY	20
TECHNOLOGY	21
PUBLIC RELATIONS & EDUCATION	23
MOSQUITOLINE CALLS IN FORT COLLINS	
SUMMARY	27
APPENDIX: GRAPHICS AND DATA SUMMARIES	
<i>Figure 1. Average Culex pipiens per Trap per Night by City</i>	
<i>Figure 2. Average Culex tarsalis per Trap per Night by City</i>	
<i>CDC Light & Gravid Trap Composite Summaries 2010</i>	
<i>Adult Mosquito Surveillance Light & Gravid Trap Genus Summaries 2010</i>	
<i>CSU West Nile Virus Mosquito Sample Testing Report 2010</i>	
<i>Adult Mosquito Control Application Report for HOA's 2010</i>	

City of Fort Collins Mosquito Management Program Objectives

The City of Fort Collins Mosquito Management Program completed its 7th year of cost effective biorational integrated mosquito management operations in 2010. The need to protect the residents and visitors to the City of Fort Collins from the health risks, severe annoyance and discomfort associated with biting mosquitoes is a chronic annual problem.

The primary objective of the City of Fort Collins Mosquito Management Program is to employ trained field technicians to suppress populations of larval mosquitoes in aquatic habitats. CMC technicians utilize bacterial larvicides that reduce mosquito populations without harming non-target organisms. Additionally, the monitoring of adult mosquito populations is an essential component of an Integrated Mosquito Management (IMM) program. Surveillance trapping performed in the City of Fort Collins provides data used to assess West Nile Virus risk. The data for mosquito infection rates and vector populations is used to determine the risk of Human West Nile infections and the possible need for adult mosquito control measures. Data driven response with mosquito adulticide ULV technology can reduce the threat of disease transmission and annoyance associated with mosquitoes, while reducing the necessity for large amounts of products to be applied.

CMC maintains its commitment to offer environmentally sensitive and technologically advanced integrated mosquito management programs to its customers and community residents. CMC works diligently to maintain the cooperative efforts for mosquito control and epizootic response management between the City of Fort Collins, Larimer County Department of Health and Environment, the City of Loveland, and other local municipalities. The value of this cooperative program and its underlying data sharing and communications in the interest of public health cannot be over-emphasized.

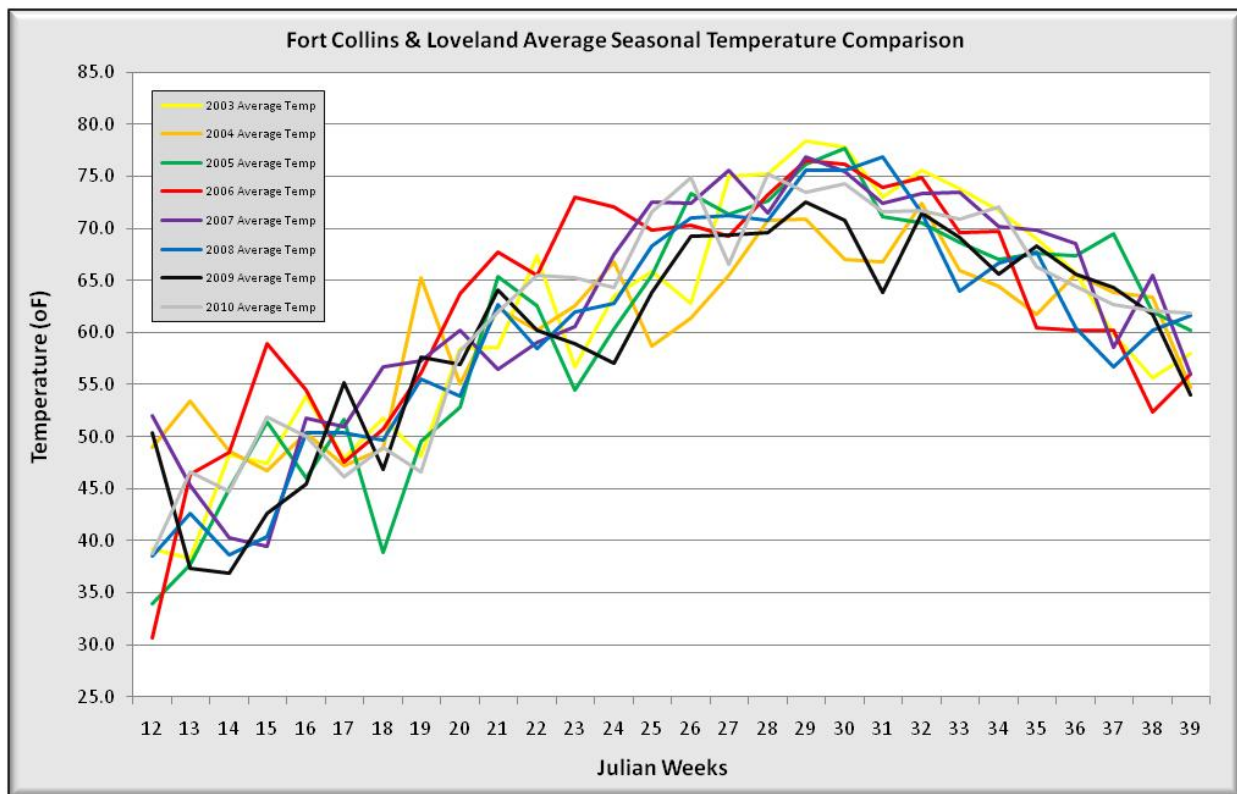
CMC Objectives

Colorado Mosquito Control, Inc. (CMC) as the contractor for the City of Fort Collins Mosquito Management Program will use proven scientific integrated pest management (IPM) methods of survey, inspection, diagnosis, biological/biochemical controls, natural predators and limited low-toxicity pesticide applications to professionally accomplish the objectives of the program. CMC employs trained field and surveillance technicians who observe constantly changing mosquito populations. This enables a quick response to variations in environmental factors. All of the methods and materials used have been reviewed and registered by the U.S. EPA, Centers for Disease Control, the Colorado Department of Agriculture and the American Mosquito Control Association.

Colorado Mosquito Control (CMC), Inc. is a large-scale contractor specializing in complete integrated mosquito control services. CMC utilizes an aggressive preemptive Integrated Pest Management (IPM) approach to controlling mosquito populations within contracted areas. CMC currently has programs across the state of Colorado, providing services for homeowners associations, incorporated cities and towns, Native American reservations, and encephalitis surveillance monitoring programs for county health departments. Geographically, CMC reaches from the Ute Mountain Reservation in the southwest corner of the state to Fort Morgan in northeastern Colorado. CMC has programs in several mountain areas including the Gunnison Valley, the I-70 corridor, and parts of the upper Colorado River Valley.

2010 Season Perspective

The 2010 mosquito season can best be described as middle of the road, with very few dramatic overall highs or lows in either temperatures or precipitation. Below average precipitation levels for the months of January through March were met with above average precipitation levels in April (ncwcd.org). Temperatures in March and April were slightly above normal and May was only a few degrees cooler than normal. Rapid warming trends in the first weeks of June along the Front Range and in the mountains caused snow melt runoff to occur more quickly than normal and resulted in isolated flooding along some rivers across Colorado. The average daily temperature in June ranged between 66.7°F in Fort Collins, 67°F F in Johnstown, 68.1 °F in Windsor and 67.7°F in south Longmont. Many of the reservoirs in Larimer and Weld Counties remained full for the month of June because of snowpack levels. Water temperatures at many aquatic habitats began to warm which caused larval mosquitoes to develop more quickly. July is normally the warmest month in Colorado and July 2010 was no exception. July was also the 11th wettest July on record for the Denver area according to the National Climatic Data Center. The average temperature in July ranged between 72.9°F in Loveland, 72.9°F in Windsor, 71.7°F in Fort Collins and 71.4°F in South Longmont, only slightly warmer than normal. Daily average temperatures decreased in mid August, resulting in decreased *Culex* densities in some areas, while other areas remained within or slightly above normal trends in sections with high water content. The Northern Front Range did not see the monsoonal rains that are typical in the month of August. This aided in keeping overall floodwater mosquito populations low across the Front Range through August. The season drew to a close during September, with a significant decrease in *Culex tarsalis* mosquitoes and cooler evening temperatures. September brought drought like conditions and water levels at many sites across the Northern Front Range have diminished.



Above average workloads for larval mosquito control activities occurred in June and July due to the flushing and refilling of aquatic habitats with peak runoff and rain over the 4th of July weekend. In general, many reservoirs and ditches remained full for a large portion of the summer, because irrigation water was not moved as quickly. Many grassy edges and inlets to reservoirs were consistently producing mosquito larvae throughout most of the season. Lack of significant rainfall in August and September kept a second season spike in *Culex tarsalis* populations from occurring, thereby reducing the level of late season risk of West Virus infection that is typical into the fall months.

2010 Precipitation Comparison for Loveland/ Fort Collins				
Week	2010 Rainfall (inches)	2010 Running Total	Avg Rainfall of All Seasons (2003-2009)	Percentage of Average Rainfall
12	0.66	0.66	0.65	101.1%
13	0.03	0.69	0.84	82.1%
14	0.25	0.94	0.90	103.6%
15	0.06	0.99	1.15	86.0%
16	1.94	2.93	1.57	186.7%
17	0.63	3.56	2.06	172.9%
18	0.04	3.60	2.45	147.0%
19	1.33	4.93	2.76	178.2%
20	0.26	5.19	3.09	167.7%
21	0.21	5.40	3.25	166.0%
22	0.00	5.40	3.80	141.8%
23	1.41	6.80	4.65	146.3%
24	0.46	7.26	5.00	145.2%
25	0.10	7.36	5.59	131.7%
26	0.01	7.37	5.82	126.5%
27	1.25	8.62	6.00	143.6%
28	0.01	8.63	6.20	139.1%
29	0.17	8.80	6.27	140.3%
30	0.30	9.09	6.82	133.3%
31	0.16	9.25	7.31	126.5%
32	0.39	9.64	7.59	127.0%
33	0.26	9.89	8.13	121.7%
34	0.11	10.00	8.53	117.2%
35	0.00	10.00	9.16	109.1%
36	0.01	10.00	9.29	107.6%
37	0.01	10.01	9.61	104.1%
38	0.03	10.04	9.68	103.7%
39	0.00	10.04	10.02	100.2%

Data obtained from ncwcd.org

West Nile Virus 2010

Background

West Nile Virus was first identified in Uganda in 1937. Since that time, activity has been documented throughout Africa, Europe, West and Central Asia, and areas of the Middle East. The virus made its first appearance to North America in 1999 when it was documented in New York City. WNV comes from a family of viruses known as Flaviviridae and is closely related to other encephalitis-causing viruses that can have severe effects on both humans and animals, including Western Equine Encephalitis and St. Louis encephalitis in our region.

WNV has a wide range of symptoms which can range from mild flu-like symptoms to death. Of humans affected, nearly 80% will show no symptoms at all. The majority of people who do show symptoms will usually suffer from high fevers, muscle soreness, and overall fatigue. However, approximately 1% of people will develop much more severe symptoms including meningitis (inflammation of the linings surrounding the brain and spinal cord), encephalitis (inflammation of the brain), or very rarely poliomyelitis, which can cause paralysis in parts of the body.

Since the introduction of WNV to the United States in New York City in 1999, the virus has made a complete westward expansion to the West Coast. Starting in the Northeastern parts of the United States, the virus steadily spread through the South, the Midwest, the Rocky Mountain region, and more recently the Western States. Although many states have shown decreased case counts since epidemic years, the Colorado Front Range presents the ideal combination of abundant habitat and weather conditions during some years for *Culex tarsalis* mosquitoes to amplify West Nile Virus.

Past Years

Colorado first saw activity of the virus late in the summer of 2002. In 2003, Colorado was the hardest hit state, recording 2,947 human cases and 63 deaths, most of which occurred along the Front Range. In 2004, the majority of the cases shifted to the Western Slope and the state totaled 291 cases with 4 deaths occurring in Mesa County. In 2005, WNV activity was spread throughout the state of Colorado with no particular clustering in any one region. In 2006, early season hot and dry conditions kept initial adult mosquito populations low, but rainfall in early August caused resurgence in the *Culex* mosquito densities. WNV infection in mosquitoes presented the greatest risk in the months of August and September, as hundreds of positive-tested mosquito pools and over 269 human WNV cases were recorded along the northern Front Range. Seven deaths occurred in 2006 across Colorado. Early season warm and wet weather conditions in 2007 were perfect for the rapid development of *Culex tarsalis* mosquitoes and ramping of West Nile Virus during May and June. Also, early positive mosquito sample pool tests indicated potential trouble from the onset in 2007. The first three positive mosquito sample pools collected from Larimer County mosquito surveillance traps were obtained earlier than normal that season (June 19th). The 2007 season was the second most active season for West Nile Virus cases in Colorado, second only to the 2003 epidemic year. In 2008 *Culex* mosquito densities remained low, as did the amount of West Nile Virus activity across the State. Colorado reported 71 human cases with 1 death. Of the total cases with clinical diagnoses, 13 cases occurred in Larimer County, 19 cases were reported in Weld County, and 13 cases were reported from Boulder County in 2008. In 2009 West Nile Virus infections totaled 103 documented cases statewide and 3 deaths. Of the total cases with clinical diagnoses, 25 cases occurred in Larimer County, 15 cases were reported in Weld County, and 12 cases were reported from Boulder County.

Colorado Perspective

Much of the water diverted from the mountain regions is used for flood irrigation of pastures, crops, and our own residential yards along the Northern Front Range. Fluctuation in water levels greater than one-half inch can result in floodwater mosquito larvae hatching in fields, cattail marshes, riparian areas and grasses. These sites typically do not drain quickly, dependent on levels of the ground water table, thereby causing multiple generations of *Culex* mosquito larvae to result as the water remains.

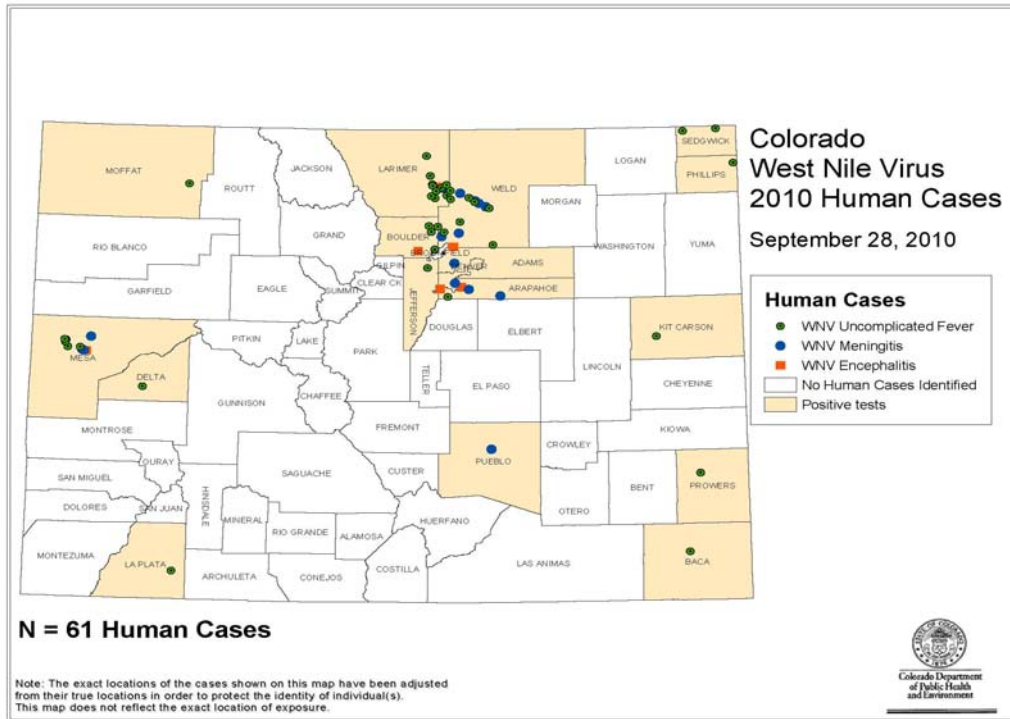
Larimer, Boulder and Weld counties have in multiple years reported the greatest number of human West Nile Virus infections in the state when compared to other counties. This trend is likely due to a combination of the topography for drainage, intermingled with the greatest proportion of the state's population residing along the Front Range. Exposure to *Culex tarsalis* mosquitoes along the Front Range increases as residents enjoy summertime BBQ's and the numerous recreational activities our state has to offer. Given the amount of vector mosquitoes in our area and WNV risk, it becomes increasingly important that residents apply mosquito repellents each time they venture outdoors during the mosquito season.

Colorado 2010

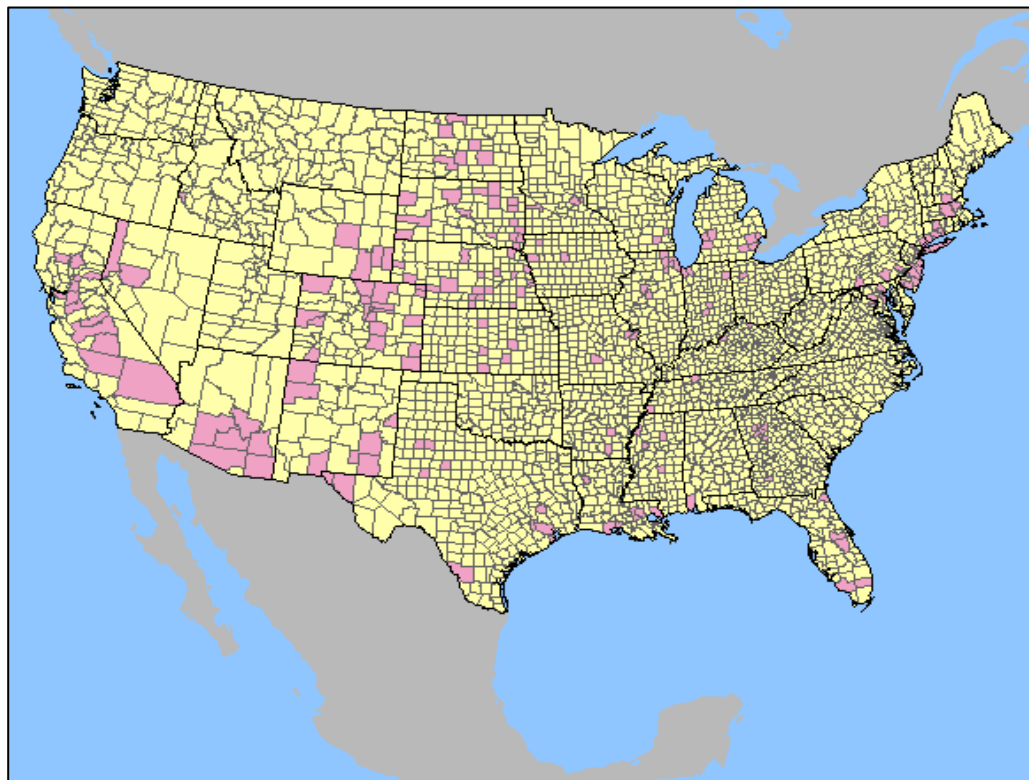
As of October 5th there are 68 confirmed cases of Human WNV statewide. This places Colorado third in the nation in terms of total diagnosed cases. As of October 12th Arizona leads the country in clinical diagnosis of WNV infections (125), followed by New York (114 cases) and California (65 cases). The first WN positive mosquito pool in Colorado was identified from Otero County on June 30th. A mosquito sample from Weld County tested positive on July 7th, and positive samples were identified from Larimer and Boulder counties on July 19th and 20th, respectively. There have been 2,226 mosquito samples tested statewide. Of these, 47 samples returned positive for West Nile.

Human West Nile Virus Infections: Colorado, 2010						
Updated October 5th, 2010						
County of Residence	New cases	Clinical diagnosis			Total cases	Total deaths
		Fever	Meningitis	Encephalitis		
Adams			1		1	
Arapahoe		2	2	2	6	
Baca		1			1	
Boulder		4	1	1	6	
Delta		1		.	1	
Denver			1		1	
Douglas		1			1	
El Paso		1			1	
Jefferson		1			1	
Kit Carson		1			1	
La Plata	1	1		1	2	
Larimer	1	10	2	1	13	
Mesa		6	3	1	10	1
Moffat		1			1	
Phillips		1			1	1
Powers		1		1	2	1
Pueblo			1		1	
Sedgwick		2			2	
Weld		10	5	1	16	1
COLORADO	2	44	16	8	68	4

Counties not listed have no verified human cases of WNV



U.S. Department of the Interior /U.S. Geological Survey
Cumulative 2010 Data as of October 12th, 2010
National Cumulative Human Disease Cases: 713



2010 Field Operations

Field activities began in early April for the 2010 season. The earliest activity of the season was taking GIS maps which were updated and revised over the fall and winter and cross referencing sites via ground inspections. Mapping of larval sites is an ongoing process, as citizen reports of new larval sites over the course of the season resulted in many new sites being added to the existing larval inspection routes. In addition, CMC Inspection and Larviciding (I&L) Technicians applied larvicides at known early season larval mosquito sites that are affected by snow melt and groundwater seepage from mountain runoff. Early season larviciding enables reduction of early season floodwater hatches and successive egg laying with subsequent rainfall.

Hiring of seasonal technicians began in March and was completed by the end of April. CMC's Annual Field Technician Classroom Training Day took place on May 17th with over 50 new and returning field technicians in attendance. Daily field training by CMC management and veteran employees was performed throughout May and routine field inspections were in full swing from May 24th through August 21st. The final day for larval inspections was September 17th.

The 2010 Fort Collins mosquito management staff consisted of 14.5 Full-time Equivalent employees (FTE). Specifically, we had 1 Manager, 1 Field Supervisor, 9 Field Technicians, 1 Urban and Outreach Program Technician, 0.5 Surveillance Supervisor, 1 Surveillance Technician, 0.5 Maintenance Technician, and .5 Office Staff personnel.

The larval coverage area includes approximately 109 square miles of private and public lands, where resident contact has been made and permission has been granted. To date 1,298 larval mosquito habitats are included in the regular inspection and larviciding program for the City of Fort Collins Mosquito Management Program. There were 23 new larval sites added to the routine inspection program in 2010. A total of 140 larval sites have been destroyed since the end of season in 2004. These sites were either physically demolished or the water source was removed.



LARVAL MOSQUITO CONTROL OPERATIONS

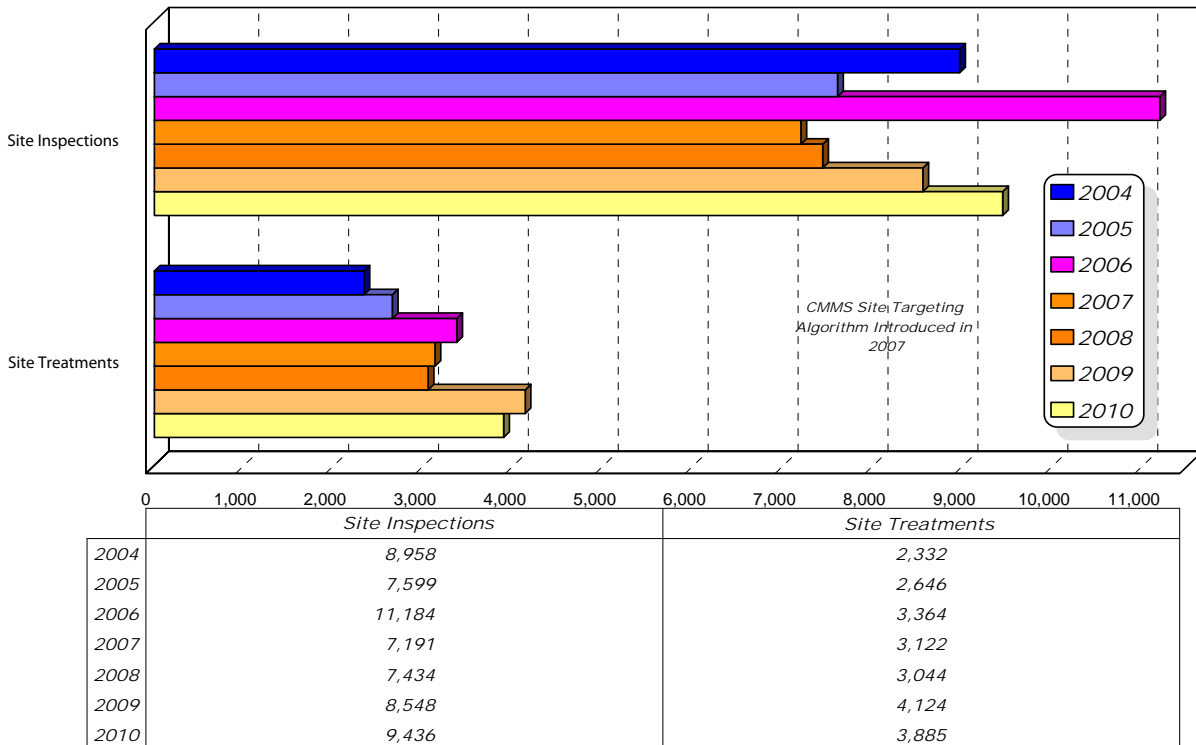
Practical experience and scientific research have shown that the most effective way to control mosquito populations is through an aggressive Integrated Pest Management (IPM) approach. IPM aims at using a variety of concepts, tools, and products to reduce a pest population to tolerable levels. Translating these ideas to mosquito control, CMC has found the most environmentally and economically-sound approach is through targeting the aquatic larval stage of the mosquito. Targeting this stage prevents the emergence of the adult mosquito and thus, reduces disease transmission and nuisance.

In 2010, 85.5% of the total inspected sites were found to be wet and 48.2% were producing mosquito larvae. An estimated 8.1 billion larvae were eliminated with larval control products in 2009. In 2009, 89% of the total inspected sites were found to be wet and 48.2% were producing mosquito larvae. An estimated 5.5 million larvae were eliminated with larval control products in 2009. In 2008, 84% of the total sites inspected were wet upon inspection and 41% were producing mosquito larvae. In 2008, an estimated 6.46 million mosquito larvae were eliminated before emerging as biting adults. In 2007, 84%

of the total site inspections consisted of wet sites with larval production at 51% of these sites. An estimated 6.43 million mosquito larvae were eliminated before emerging as biting adults in 2007.

Cumulative Larval Site Inspections

Fort Collins Larval Mosquito Control Programs



2010 Colorado Mosquito Control, Inc.

This chart is the confidential work product of Colorado Mosquito Control, Inc and is protected by state and federal statutes.

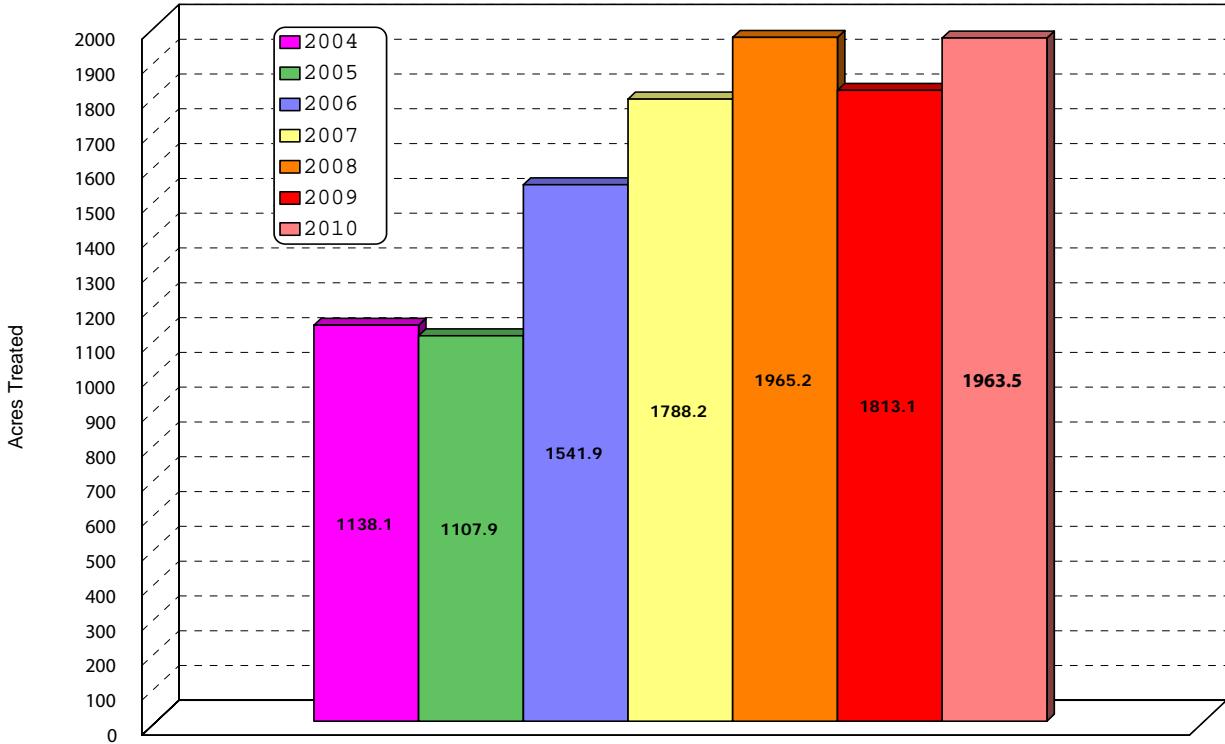
Larval mosquito control can be achieved in several ways, including biological, biochemical, chemical, and mechanical means. Although there are a variety of methods for reducing larval populations, some options may have greater consequences than benefit. Mechanical or habitat modification is a technique which may be used, but the area to be modified and the extent to which the work will affect the surrounding area must be carefully assessed. Permanent ecological damage may occur if extensive habitat change has taken place. True biological controls may also have non-target affects that outweigh the benefits of their control capacity. The biological control agent, if not carefully selected and evaluated, may cause an imbalance in the natural ecological community, as well as threaten population levels of other organisms. This was the case with the introduced mosquito fish, no longer widely utilized in Colorado as they readily preyed upon young amphibians and other fish species in addition to controlling mosquitoes.

CMC's favored method of larval mosquito control is through bacterial bio-rational products. The main product used by CMC is a variety of bacteria (*Bacillus thuringiensis var. israeliensis*). *Bti*, as it is known, has become the cornerstone of most mosquito control programs throughout the world. Almost all Mosquito Abatement Districts have incorporated *Bti* applications into their management practices, given the specificity of these products on larval mosquitoes causing almost no mortality among other non-target organisms. The benefits of applications using *Bti* include its efficacy and lack of

environmental impacts, as well as its cost efficiency. When used properly, successful mosquito control without impact to aquatic invertebrates, birds, mammals, fish, amphibians, reptiles, or humans can be achieved. A broad label allows for the use of the product in the majority of the habitats throughout the service area. Another bacterial product closely related to *Bti* is *Bacillus sphaericus* (*Bs*). In addition to all of the benefits of *Bti*, *Bs* is by definition a true biological control agent in that it remains in the system through multiple broods, or generations, of mosquitoes. Unfortunately, the residual benefit of the control comes at a cost in price at approximately three times that of *Bti*.

Cumulative Larval Acreage Treated

Fort Collins Area Larval Mosquito Control Programs

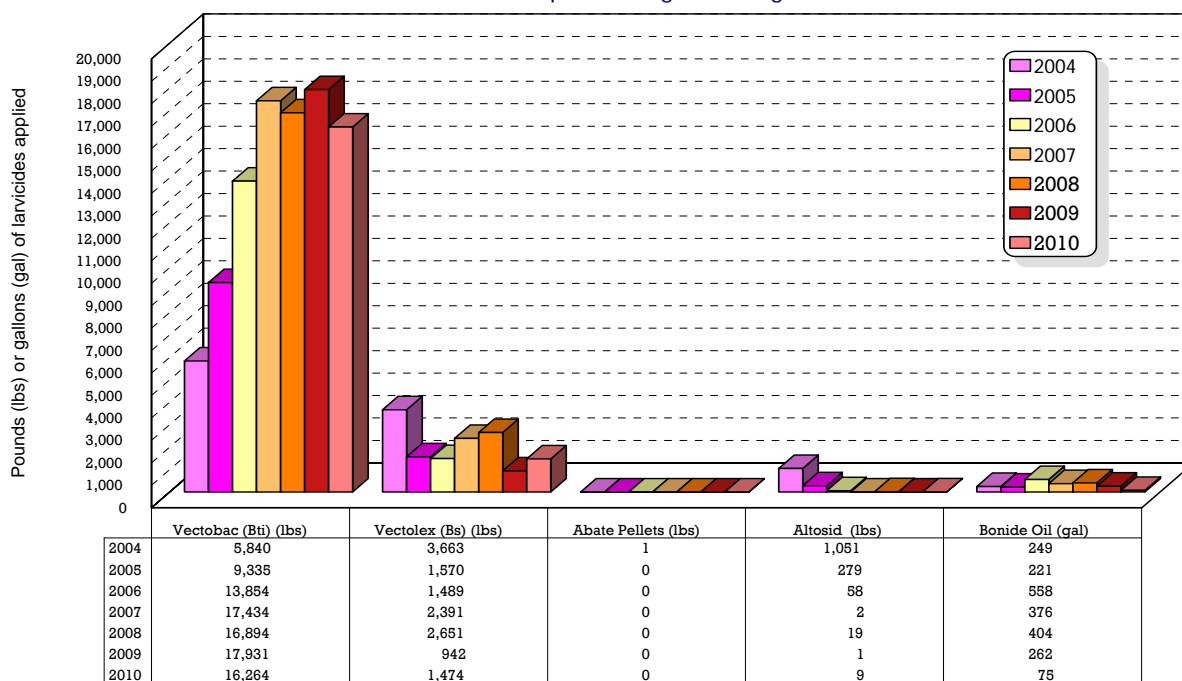


2010 Colorado Mosquito Control, Inc. This chart is the confidential work product of Colorado Mosquito Control, Inc and is protected by state and federal statutes.

Other larval control products include a growth regulator (methoprene), a mineral oil, and an organophosphate (Abate). Methoprene is a synthetic copy of a juvenile growth hormone found in larval mosquitoes. The hormone prevents normal development of the adult mosquito in the pupal stage, eventually causing death. While a good control product, the cost is prohibitive to be the predominant product in a large scale program. The benefits of these products are the availability of 30 and 150 day formulations. Abate, the one chemical larval control product CMC uses, serves as an effective product, but label restrictions limit its use in many areas. CMC limits the use of chemical larvicides to areas with little biodiversity, such as gravel pits, or areas which chronically produce large amounts of mosquitoes, but only as a last resort when other solutions are not present. Mineral oil is the only product effective on the pupal stage and therefore is an essential tool when pupae are found.

Larval Control Product Application

Fort Collins Larval Mosquito Management Program



2010 Colorado Mosquito Control, Inc.

This chart is the confidential work product of Colorado Mosquito Control, Inc and is protected by state and federal statutes.

All of the aforementioned methods and products represent the essential ingredients of Integrated Pest Management. Mosquitoes are very well adapted insects and can be found in many different habitat types from a cattail marsh to a cup littered on the side of the road. A variety of tools must be used to prevent resistance and ensure the best method will be available for any given situation.

Backyard Inspection Program

Culex pipiens is a known vector of WNV, are commonly found in artificial containers associated with residential settings. The Urban Mosquito Control Program consists of 161 backyard inspection sites. There were 5 new larval backyard habitats mapped into ArcGIS for routine inspections this season.

Development of this program has resulted in a significant reduction of *Culex pipiens*, and numerous opportunities to educate residents about source reduction within their backyards. In 2010, 301 backyard inspections were performed and 75.1% of the sites were wet upon inspection. Of these, 226 (83.2%) sites were treated with larval mosquito control products. A total 3.7 acres were treated with 7.2 lbs of VectoBac (*Bti*), 1.5 lbs of VectoLex (*Bs*), 3.8 lbs of Altosid, and .7 gallons of larviciding oil were applied in 2010.

Storm Drain Program

The storm drain program completed its 6th year in 2010. Priority for storm drain inspections were made in those areas of downtown Fort Collins. In 2010, 166 storm drains and catch basins were inspected for larval mosquito presence. Of these 70 (42.1%) drains were wet and 5 (3%) were producing mosquito larvae. An estimated 200,000 larvae were eliminated from applications of .06 lbs of VectoLex (*Bs*), 1.48 lbs of Altosid and 2.5 gallons of mineral oil to storm drains and catch basins in 2010.

CMC Surveillance Laboratory

Data on mosquito abundance and species identity is critical in the operation of a successful mosquito control program. Over the past few years, identifying, packaging, and sending *Culex* mosquito pool samples off to the CDPHE or CSU Labs for West Nile Virus testing has also become critically important in the battle against West Nile Virus and other mosquito-borne diseases. The Colorado Mosquito Control Surveillance Laboratory, managed by Dr. Michael "Doc" Weissmann, has become the largest single source of adult and larval mosquito surveillance data in the state of Colorado.

In 2010, Colorado Mosquito Control monitored a statewide network of over 250 trap sites, with over 3,200 trap nights set, collecting more than 425,000 adult mosquitoes that were counted and identified to species by the CMC Surveillance Laboratory. While individual traps provide only limited information, trap data is interpreted in the context of historical records for the same surveillance location, going back in time more than a decade in some locations. Individual traps are also compared to other traps from around the region that were set on the same night and therefore exposed to similar weather conditions.



Technicians working in the Surveillance Laboratory at Colorado Mosquito Control, Inc. are trained to provide accurate species identification of mosquito specimens for both adults and larval mosquitoes. More than 50 mosquito species are believed to occur in Colorado with 32 of those identified from samples processed during the 2010 season from across the state.

CMC employs two kinds of traps to monitor mosquito populations. The CDC light trap uses carbon-dioxide from dry ice as bait to attract female mosquitoes seeking a blood meal from a respiring animal. Once attracted by the CO₂, the mosquitoes are lured by a small light to a fan that pulls them into a net for collection. The gravid trap uses a tub of highly-organic water as bait to attract female mosquitoes that are looking for a place to lay their eggs. A fan placed close to the water surface forces mosquitoes that come to the water into a collection net. Once back in the laboratory, the contents of the trap nets are sorted by species and counted by laboratory technicians trained to identify Colorado mosquito species.



Additionally, the CMC Surveillance Laboratory conducts an intensive larval identification program with over 5,000 larval mosquito samples collected by I&L technicians. Collections are made prior to larvicide applications and identification of species information is retained in our database. This information is now invaluable in targeting mosquito control efforts as we gain a greater understanding of the habitat types preferred by mosquito species of Colorado and the seasonality of these habitats as sites for mosquito development.

Specimens and data collected from these traps and larval identification are used in:

- ✈ Determining effectiveness of larval control efforts. Each mosquito species prefers specific kinds of habitats for larval development. If a trap includes large numbers, it could indicate the presence of an unknown larval habitat and, based on the species identification and known habitat preference for that species, direct field technicians as to possible sources of the mosquitoes collected.
- ✈ Determining larval and adult mosquito species. This helps to illustrate the threat of mosquito-borne disease amplification and transmission.
- ✈ Determining where adult control efforts were necessary. While mosquito eradication is impossible, significant population reduction is achievable. In places where larval control was insufficient, especially in neighborhoods where adult mosquitoes migrated in from larval sources outside of the control area, it may be necessary to use adulticide methods, such as ULV truck fogging or barrier sprays of nearby harborage areas. Trap counts that exceeded an acceptable threshold for an area would trigger adult control measures.
- ✈ Surveillance for Mosquito-borne Disease. Historically, CMC efforts were targeted primarily at controlling mosquito nuisance problems with limited disease surveillance. However, since the arrival of the West Nile Virus in Colorado in August of 2002, the paradigm has shifted toward disease prevention and control. Accurate species identification of the mosquitoes in the traps is important when monitoring species population trends. It also is necessary for evaluating whether a population spike represents an actual increase in disease transmission potential or only an increased nuisance level.

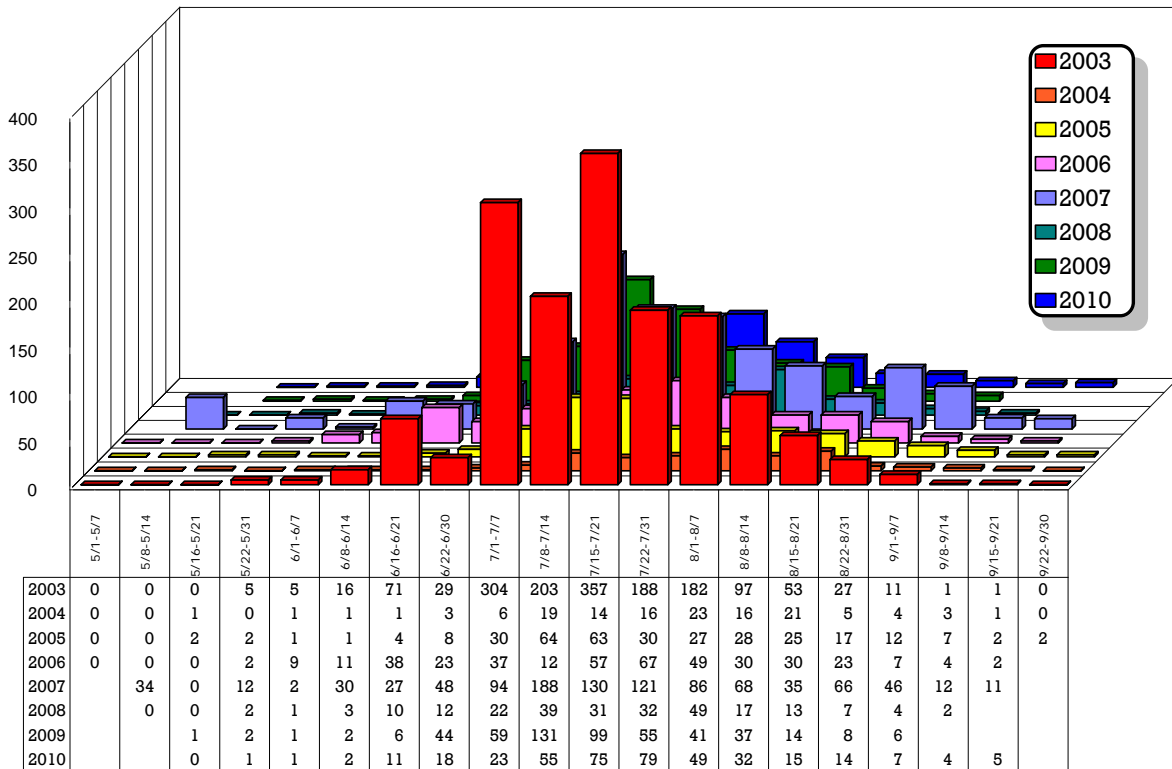


CDC Surveillance Light Trap Data Comparison

In 2010 an average of 43 CDC surveillance light trap locations monitored adult mosquito populations within the City of Fort Collins. Weather permitting, CDC battery-operated "light traps" were set weekly in each location to provide adult mosquito population data for seasonal comparisons. Surveillance trapping began May 25th and trapping was concluded on September 8th, halted by cooler temperatures during the first weeks of September. Please note that CMC set a floater trap on the Archery Range on 7/23 which collected 190 *Aedes/Ochlerotatus spp.*, 183 *Culex spp.*, and 320 *Coquillettidia spp.* mosquitoes. This data was not included in annual summaries because it is not a permanent surveillance location.

Comparison of Average *Culex* Mosquitoes per Light Trap/ Night within the City Limits of Fort Collins

*Note: Graph includes Surveillance Data from Sentinel Mosquito traps not set prior to 2007



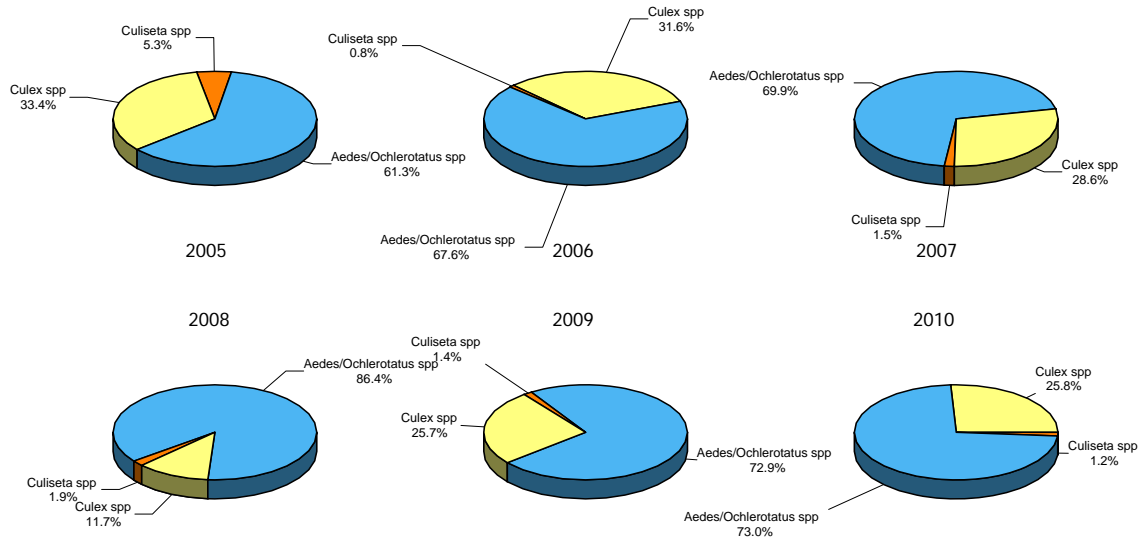
2010 Colorado Mosquito Control, Inc.

This chart is the confidential work product of Colorado Mosquito Control, Inc and is protected by state and federal statutes.

In 2010, 652 surveillance light traps were set within the City of Fort Collins, which collected 67,280 total mosquitoes. The average number of mosquitoes collected per trap per night was 103 and the average number of *Culex spp.* mosquitoes collected per trap per night was 27. The percent composition of mosquitoes collected in 2010 included 72.7% (48,913) *Aedes/Ochlerotatus spp.*, 23.6% (15,896) *Culex tarsalis*, 2.0% (1,356) *Culex pipiens*, 1.2% (797) *Culiseta spp.*, (.1%) (42) *Anopheles spp.*, and .5% (320) *Coquillettidia spp.* mosquitoes. Please refer to the CDC Light Trap Details for Species Composition and Season Trends by individual surveillance trap location. Note that the graph below includes data for sentinel mosquito surveillance operations which began in 2007, and results in 35 additional traps set annually.

Annual CDC Light Trap Species Abundance Comparison

Compilation of all Surveillance Locations within City Limits of Fort Collins
 *includes surveillance data from traps set in Homeowners Associations and CDPHE sentinel traps



2010: Total 67,280 mosquitoes from 652 trap nights (avg 103 mosquitoes per trap/night)
 2009: Total 88,392 mosquitoes from 592 trap nights (avg 149 mosquitoes per trap/night)
 2008: Total 96,251 mosquitoes from 705 trap nights (avg 137 mosquitoes per trap/night)
 2007: Total 147,424 mosquitoes from 642 trap nights (avg 229 mosquitoes per trap/night)
 2006: Total 56,628 mosquitoes from 722 trap nights (avg. 78 mosquitoes per trap/night)
 2005: Total 43,571 mosquitoes from 684 trap nights (avg. 64 mosquitoes per trap/night)

2010 Colorado Mosquito Control, Inc.

This chart is the confidential work product of Colorado Mosquito Control, Inc and is protected by state and federal statutes.

The Sentinel Encephalitis Surveillance Program was funded by the Colorado Department of Public Health and Environment (CDPHE), the City of Fort Collins and the City of Loveland for the fourth season. CMC maintained the sentinel system with five surveillance traps at permanent locations within a five mile radius (the center point at Fossil Ridge High School). The five surveillance trap locations were FC-04/Bighorn Drive, FC-14/Fort Collins Visitors Center, FC-53/Egret and Rookery, FC-67/Poudre River Trail at Mulberry and Lemay, and LV-095/Waterfront at Boyd Lake. All *Culex* mosquitoes were sent to and tested by CSU. CSU sent test result data to the CDPHE for input into ArboNet.

The sentinel light traps were set once a week from June 13th to July 3rd (week 26), set twice a week until August 7th (week 31) and then set once a week until August 21st (week 33). The Sentinel Surveillance Program began 2 weeks later than in previous years, due to cutbacks in state funding. This did not affect the sentinel traps for Loveland and Fort Collins, because the cities of Fort Collins and Loveland trapping had been funded to begin on June 1st.

There were 110 sentinel surveillance traps set in 2010 for the Larimer County Sentinel Encephalitis Surveillance Program, which collected a total of 22,416 mosquitoes. The average number of mosquitoes collected per trap per night in 2010 was 204 and the average *Culex* mosquitoes collected per trap per night was 52. The sentinel trapping locations continue to provide the best composition of *Culex* mosquitoes on an annual basis, when compared to other surveillance locations regardless of season.

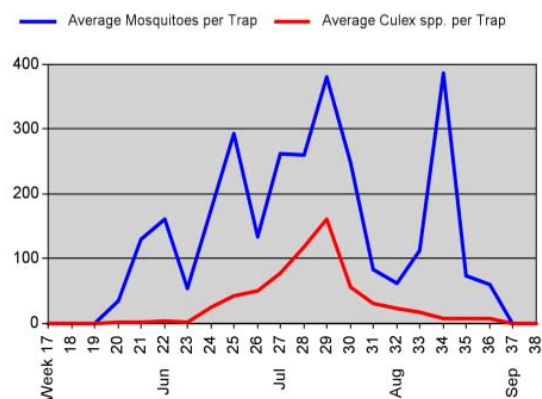
2010 Larimer CDC Light Trap Composite Data

Total number of trap/nights set:	110
Total number of mosquitoes collected:	22,416
Average mosquitoes per trap/night:	204
Average Culex per trap/night:	52

Species collected and abundance:

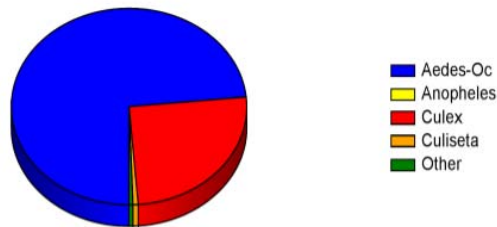
<i>Aedes (Oc.) dorsalis</i>	958	4.3 %
<i>Aedes (Oc.) hendersoni</i>	3	0.0 %
<i>Aedes (Oc.) increpitus</i>	6173	27.5 %
<i>Aedes (Oc.) melanimon</i>	263	1.2 %
<i>Aedes (Oc.) nigromaculis</i>	4	0.0 %
<i>Aedes (Oc.) trivittatus</i>	22	0.1 %
<i>Aedes cinereus</i>	1	0.0 %
<i>Aedes vexans</i>	9030	40.3 %
<i>Anopheles earlei</i>	3	0.0 %
<i>Coquillettidia perturbans</i>	119	0.5 %
<i>Culex pipiens</i>	313	1.4 %
<i>Culex tarsalis</i>	5368	23.9 %
<i>Culiseta inornata</i>	159	0.7 %

Seasonality



Genus proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	16,469	73.5 %
<i>Anopheles</i>	3	0.0 %
<i>Culex</i>	5,681	25.3 %
<i>Culiseta</i>	159	0.7 %
Other	119	0.5 %



CDC SURVEILLANCE GRAVID TRAP DATA COMPARISON

In 2007, CMC established 5 permanent gravid trap locations generated from data obtained from surveillance gravid trapping history. Gravid traps were set at the 5 locations weekly to establish a permanent surveillance system for West Nile Virus transmission activity. Gravid traps primarily attract *Culex pipiens*, which prefer avian hosts when seeking a blood meal. Trapping and testing of *Culex pipiens* mosquitoes provides an indicator of viral amplification based on the infection rates and abundance of *Culex pipiens*.

There were 56 gravid traps set in 2010, which collected a total of 341 mosquitoes. The species breakdown of mosquitoes collected included; 25 (7.3%) *Aedes/Ochlerotatus spp.*, 256 (75.1%) *Culex pipiens*, 46 (13.5%) *Culex tarsalis* and 12 (3.5%) *Culiseta spp.* mosquitoes. Please refer to 2010 Fort Collins Gravid Trap Composite Data Summary for season trends and gravid trapping species breakdown.

CSU West Nile Virus Mosquito Testing Results

The City of Fort Collins and the City of Loveland continued to contract with Colorado State University to test mosquitoes for WNV and calculate the Vector Indices in the respective cities again in 2010.

The Vector Index (VI) has been studied by the Centers for Disease Control (CDC) and CDPHE since the detection of West Nile Virus in 2003. The Vector Index is widely applied in the assessment of West Nile Virus risk on a weekly basis across the State of Colorado. As defined on the CDPHE website, The Vector Index (VI) is a measure of infection rate adjusted for *Culex* mosquito population size within a given area. The value is an estimate of the number of West Nile Virus infected mosquitoes collected per trap per night. The data suggests that a vector index of .75 or above is an indicator of high risk for West Nile Virus transmission to human in the area.

Refer to www.cdphe.state.co.us/dc/zoonosis/wnv/wnvsentinel.html.

The Vector Index for the City of Fort Collins did not surpass .75 during the 2010 season. In 2010 all vector mosquitoes collected from 43 light traps and 5 gravid trap locations in the City of Fort Collins were submitted to Colorado State University. A total of 836 mosquito sample pools containing 15,987 *Culex tarsalis* and 1,663 *Culex pipiens* mosquitoes collected from City of Fort Collins mosquito surveillance traps were submitted. Of the total pools submitted 26 samples, containing 826 total *Culex spp.* mosquitoes, were confirmed WN+ by CSU in 2010.

The Vector Index for the City of Loveland did not surpass .75 during the 2010 season. The City of Loveland submitted mosquito samples from 5 permanent trap locations, in addition to the sentinel trap location LV-095 to Colorado State University. A total of 181 mosquito sample pools containing 6,398 *Culex tarsalis* and 796 *Culex pipiens* mosquitoes collected from City of Loveland mosquito surveillance traps were submitted to Colorado State University (CSU). Of the total pools submitted 6 samples, containing 445 total *Culex spp.* mosquitoes, were confirmed WN+ by CSU in 2010.

Pool	Date	County	Trap Number	Quantity	Results	Species	Trap Type
CSU 1424	07/20/2010	Larimer	FC-004	37	POSITIVE	<i>Culex tarsalis</i>	LIGHT
CSU 1524	07/27/2010	Larimer	FC-053	100	POSITIVE	<i>Culex tarsalis</i>	LIGHT
CSU 1574	07/28/2010	Larimer	FC-033gr	5	POSITIVE	<i>Culex tarsalis</i>	GRAVID
CSU 1615	07/29/2010	Larimer	FC-064	32	POSITIVE	<i>Culex tarsalis</i>	LIGHT
CSU 1638	08/03/2010	Larimer	FC-004	29	POSITIVE	<i>Culex tarsalis</i>	LIGHT
CSU 1655	08/03/2010	Larimer	FC-036	100	POSITIVE	<i>Culex tarsalis</i>	LIGHT
CSU 1663	08/03/2010	Larimer	FC-073	100	POSITIVE	<i>Culex tarsalis</i>	LIGHT
CSU 1700	08/05/2010	Larimer	LV-020	47	POSITIVE	<i>Culex tarsalis</i>	LIGHT
CSU 1728	08/06/2010	Larimer	FC-071	20	POSITIVE	<i>Culex tarsalis</i>	LIGHT
CSU 1730	08/06/2010	Larimer	FC-062	13	POSITIVE	<i>Culex tarsalis</i>	LIGHT
CSU 1736	08/10/2010	Larimer	FC-004	32	POSITIVE	<i>Culex tarsalis</i>	LIGHT
CSU 1754	08/10/2010	Larimer	FC-019	37	POSITIVE	<i>Culex tarsalis</i>	LIGHT
CSU 1755	08/10/2010	Larimer	FC-019	5	POSITIVE	<i>Culex pipiens</i>	LIGHT
CSU 1763	08/11/2010	Larimer	LV-104	38	POSITIVE	<i>Culex tarsalis</i>	LIGHT
CSU 1766	08/11/2010	Larimer	FC-047	7	POSITIVE	<i>Culex tarsalis</i>	LIGHT
CSU 1779	08/11/2010	Larimer	LV-110	27	POSITIVE	<i>Culex tarsalis</i>	LIGHT
CSU 1783	08/11/2010	Larimer	FC-059	20	POSITIVE	<i>Culex pipiens</i>	LIGHT
CSU 1789	08/12/2010	Larimer	LV-089	100	POSITIVE	<i>Culex tarsalis</i>	LIGHT
CSU 1793	08/12/2010	Larimer	FC-052	14	POSITIVE	<i>Culex tarsalis</i>	LIGHT
CSU 1804	08/12/2010	Larimer	FC-041	100	POSITIVE	<i>Culex tarsalis</i>	LIGHT
CSU 1814	08/13/2010	Larimer	FC-002	7	POSITIVE	<i>Culex tarsalis</i>	LIGHT
CSU 1821	08/13/2010	Larimer	FC-071	13	POSITIVE	<i>Culex pipiens</i>	LIGHT
CSU 1826	08/17/2010	Larimer	FC-053	51	POSITIVE	<i>Culex tarsalis</i>	LIGHT
CSU 1841	08/17/2010	Larimer	FC-067	13	POSITIVE	<i>Culex tarsalis</i>	LIGHT
CSU 1852	08/18/2010	Larimer	FC-039	28	POSITIVE	<i>Culex tarsalis</i>	LIGHT
CSU 1876	08/18/2010	Larimer	LV-104	54	POSITIVE	<i>Culex tarsalis</i>	LIGHT
CSU 1877	08/18/2010	Larimer	LV-104	54	POSITIVE	<i>Culex tarsalis</i>	LIGHT
CSU 1886	08/19/2010	Larimer	FC-060	13	POSITIVE	<i>Culex tarsalis</i>	LIGHT
CSU 1889	08/19/2010	Larimer	FC-041	22	POSITIVE	<i>Culex pipiens</i>	LIGHT
CSU 1961	08/27/2010	Larimer	FC-071	15	POSITIVE	<i>Culex pipiens</i>	LIGHT
CSU 1997	08/31/2010	Larimer	FC-067	11	POSITIVE	<i>Culex pipiens</i>	LIGHT
CSU 2030	09/08/2010	Larimer	FC-064	2	POSITIVE	<i>Culex tarsalis</i>	LIGHT

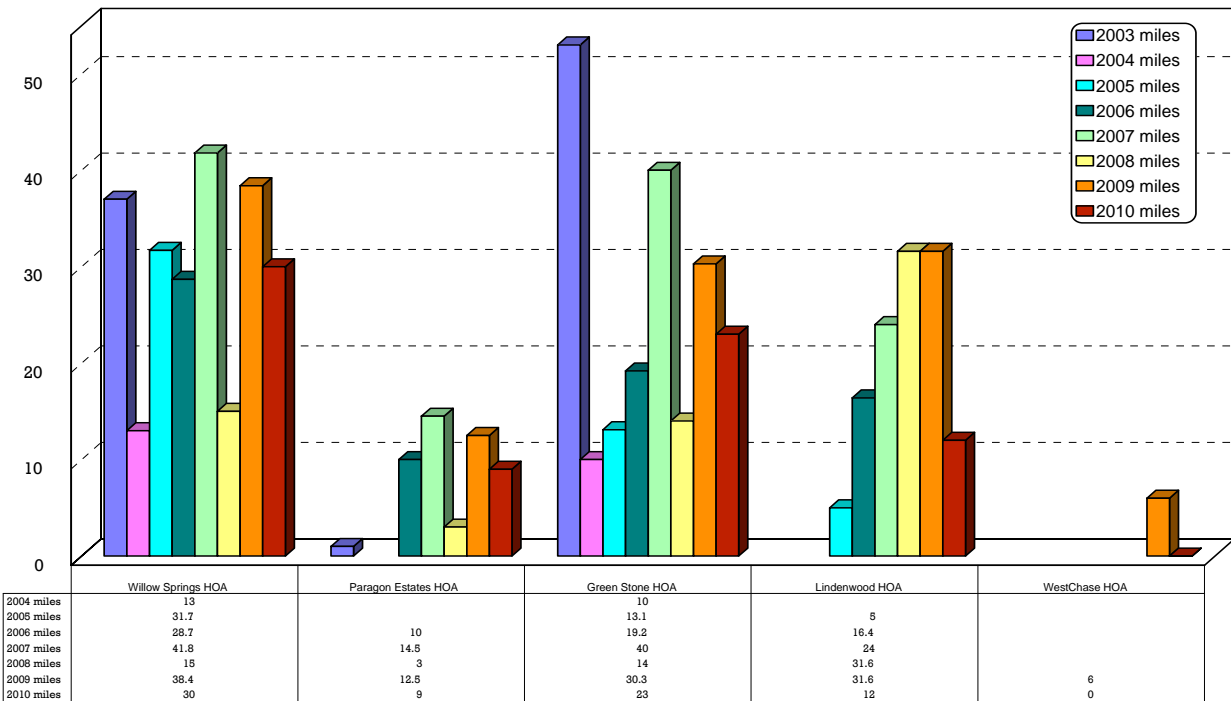
2010 ADULT CONTROL

The goal of Colorado Mosquito Control, Inc. is to provide all residents of Larimer County Cooperative Programs with the best options for safe, effective, modern mosquito management. The primary emphasis of the City of Fort Collins Mosquito Management Program is to control mosquitoes in the larval stage, using safe biological control products. Although mosquitoes infected with West Nile Virus were detected from surveillance traps set in the City of Fort Collins, Vector Indices and Infection Rates did not warrant mosquito adulticide applications to be performed in the City of Fort Collins in 2010. It is important to note that CMC did adulticide on numerous occasions within the City of Fort Collins in 2010 at the request of several private homeowners' associations. It is also likely that adulticiding was done by other mosquito control contractors within city limits.

ULV Adulticide Mileage Comparison By Service Area

2004-2010 City of Fort Collins HOA Mosquito Management Programs

(Graph includes Public Health Response ULV Miles paid for by the City of Fort Collins)



2010 Colorado Mosquito Control, Inc.

This chart is the confidential work product of Colorado Mosquito Control, Inc and is protected by state and federal statutes.

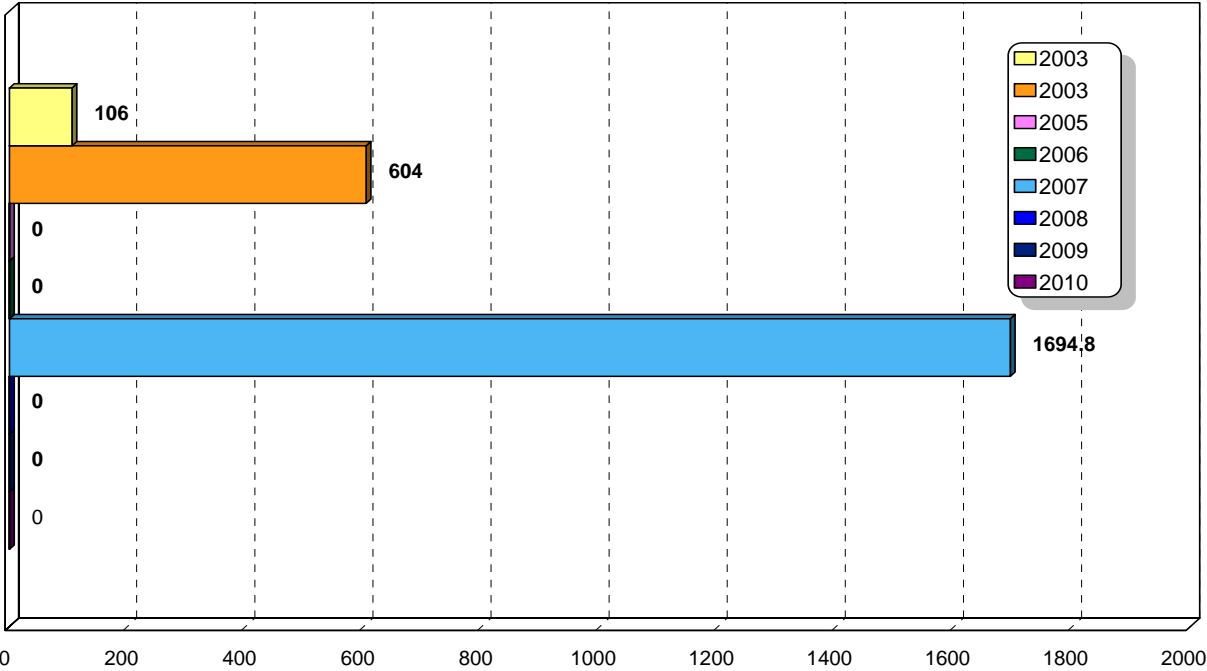
CMC uses all available data from CDC light traps, gravid traps, Mosquito Hotline annoyance calls, and field technician reports to focus adult mosquito control efforts on specific, very limited "targeted" areas. In parts of the community where high numbers of mosquito annoyance calls are received, "floater" CDC light traps are set to evaluate adult population levels and species make-up. In many cases, a direct correlation is evident between areas with high complaint calls and high trap counts. While this correlation allows us to focus adult control in these areas, the emphasis is placed on finding the larval habitat sources of the trapped adults and continued larval control measures.

CMC uses state of the art technology, calibrated application timing, and least-toxic products to minimize non-target impacts. All adult mosquito control is accomplished using Ultra Low Volume (ULV) fogging equipment and performed after dusk when the majority of mosquito species are most active. This type of equipment produces droplets averaging 12 microns in diameter and allows for a minimal amount of product to be put into the environment. These treatments take place in the evening when mosquitoes are flying in greater numbers and non-target insect activity (for example, day-flying pollinators like bees) is greatly reduced. Using this application technique, the overall goal of minimal environmental impact and effective adult control is achieved in the targeted area.

CMC continued to use the water-based adulticide AquaLuer 20/20 for ULV adult mosquito control in 2010. Its active ingredient, permethrin, is highly effective against mosquitoes, while the water-base provides a much more environmentally sound solution to traditional oil-based adulticides.

Mileage Comparison of Truck ULV Adulticide within the City of Fort Collins

*Miles Approved and Funded by the City



2010 Colorado Mosquito Control, Inc.

This chart is the confidential work product of Colorado Mosquito Control, Inc and is protected by state and federal statutes.

Environmental Responsibility

Colorado Mosquito Control strives to minimize environmental impacts while maximizing efficiency and efficacy in our programs. Using the Integrated Pest Management (IPM) framework, in combination with implementation of new and existing technologies, CMC has raised the bar in developing sustainable mosquito control programs with minimal impact to human health and the environment.

INTEGRATED PEST MANAGEMENT (IPM) **INTEGRATED MOSQUITO MANAGEMENT (IMM)**

CMC has always strived to create the most comprehensive mosquito control programs using the principles of Integrated Pest Management (IPM). IPM allows for management of pests only after careful analysis of the pest population and thoughtful selection of methods that will have the greatest targeted control and the least environmental, economic, and health impacts. With this, CMC uses only products and application methods that target mosquitoes with minimal risk to non-target organisms or human health. For our Integrated Mosquito Management (IMM) programs, the staple product is *Bacillus thuringiensis israeliensis* (Bti). Bti is the most favorable mosquito control product on the market



today and has found favor with both traditional mosquito control programs as well as with environmental advocates for its efficacy in controlling mosquitoes while maintaining target specificity and lack of adverse health effects. Over 90% of CMC's operational applications continue to be with Bti.

However, a true IPM or IMM program cannot rely on the use of a single control method and does not exist without the use of all available tools to control mosquitoes at specific locations or life stages. CMC utilizes a number of techniques to control mosquitoes site

specifically through the additional use of native fish as biological controls, biological/bio-rational products such as Bti and *Bacillus sphaericus* (Bs), target specific Insect Growth Regulators (IGR) and mineral oil. Additionally, adult mosquito control continues to be a very small, but integral part of a true IMM program. While adult control is at times necessary in any mosquito control program, CMC recognizes the inherent risks of any pesticide application and through implementation of our Comprehensive Mosquito Management System (CMMS) database, extensive adult and larval surveillance, and input from field personnel we have been able to reduce adult control applications throughout our program areas to target those areas where only necessary.

TECHNOLOGY

CMC has strived to improve the programs offered to its customers with novel and progressive advancements, continually evaluating and implementing new products and new technologies, not only with regard to control efforts but also for data processing and information reporting. CMC shares the belief that timely information should be available to our customers and residents, so that the people who fund the programs can access the work that is being performed. CMC also believes that the ability to access the data will improve both the resident's and municipality's ability to stay informed about West Nile Virus risk in their community.

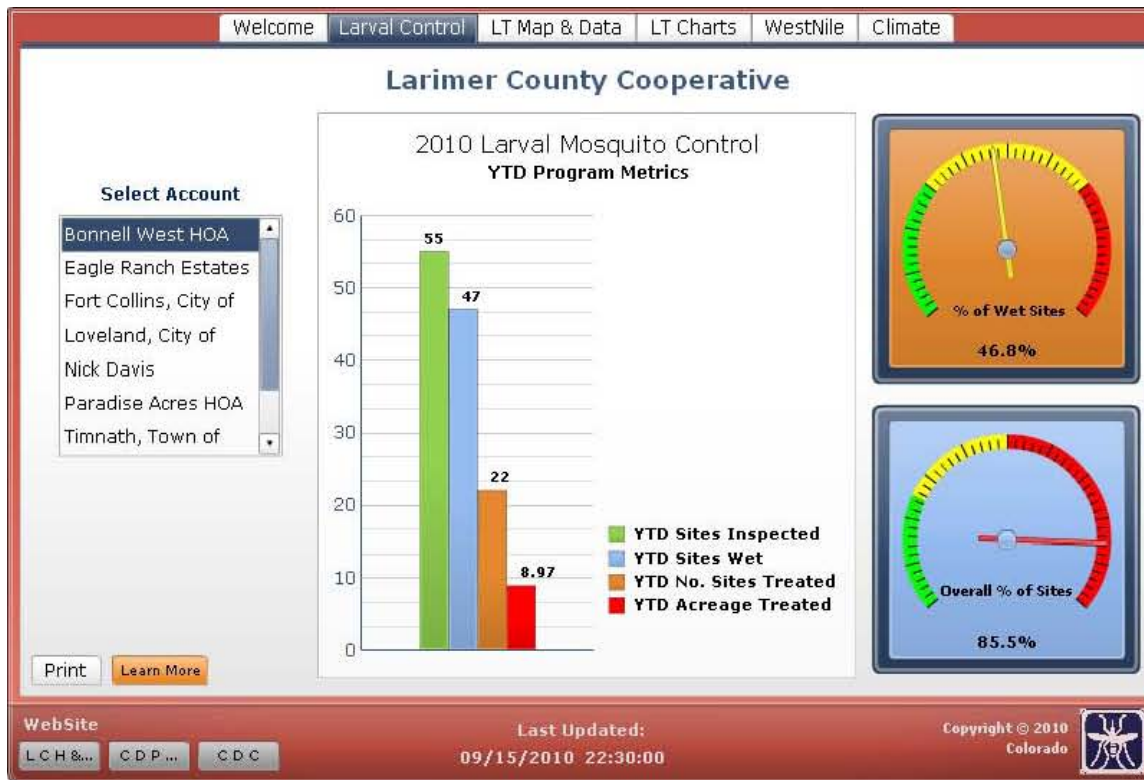
CMC WEBSITE

Our website, www.comosquitocontrol.com, is the leading website in the State of Colorado when it comes to providing up-to-date, factual, and comprehensive information on, and links to, mosquito biology and control, mosquito-borne diseases, pesticide toxicology information, and a wealth of topics relating to mosquitoes. Our website continues to be an integral tool for dissemination of operational data to the citizens we serve, minimizing the resources and time required by the city and its employees for answering for fielding public inquiries.



LINKS FROM WEBSITE

- ✈ CMC was one of the first mosquito control organizations anywhere to publish adult mosquito control spray schedules on the web. Adult mosquito spray schedules are posted daily by 3PM.
- ✈ CMC updated the 2010 client website pages which contain program information and goals, product information, larval control areas, and annual reports in easily accessible and downloadable PDF formats.
- ✈ CMC has led the industry with dissemination of data via our online dashboard. Over the past year CMC introduced a radical departure from traditional reporting methods: *Digital Interactive Reporting*. No other mosquito control company anywhere has DIGITAL INTERACTIVE REPORTING. These CMC exclusive technologies allows our customers to quickly and easily analyze thousand of data points, simply create and instantly view charts and graphs that can visually compare years of data and show trends not easily detected from traditional data analysis.
- ✈ Visit the Dashboard at: <http://www.comosquitocontrol.com/larimer.html>



FUTURE

The spring 2010 edition of Wingbeats featured an article about the Departments of Defense and Agriculture are working together to develop new insecticides for mosquito control. The Mosquito and Fly Research Unit (MFRU) chemists are also collaborating with chemists at the University of Florida to examine the USDA historical archives of insecticide data by quantitative structure-activity relationship (QSAR) modeling to predict and synthesize new insecticides. In early 2009, 19 registered insecticides with different modes of action were tested against mosquito larvae and adults. Results have indicated that 3 relatively new insecticides; fipronil, spinosad, and imidacloprid show good larvicidal and adulticidal activity, compared with that of permethrin. The final registration of these products with the EPA will be dependent upon the successful completion of EPA-mandated tests. Hoel, D., Pridgeon, J.W., Bernier, U.R., Chauhan, K., Meepagala, K., Cantrell, C. 2010. Departments of Defense and Agriculture team up to develop new insecticides for mosquito control. Wing Beats. 21(1):29-34

If and when registered, CMC will evaluate if and how these new products may be incorporated into the programs we offer. CMC remains committed to improved environmentally sound mosquito control through the use technology.

2010 PUBLIC RELATIONS AND EDUCATION

For 23 years CMC has believed in and demonstrated that a strong Public Outreach and Education Program is one of the keys to success in providing large-scale municipal mosquito control programs. Citizen complaints, inquiry, information and satisfaction surveys can aid in evaluating the effectiveness of a program. CMC constantly looks for ways to better serve the communities we work with and appreciates the citizen involvement in the betterment of the programs we offer. We have clearly demonstrated that commitment and belief by proactively serving the community with numerous innovative programs, activities and services.

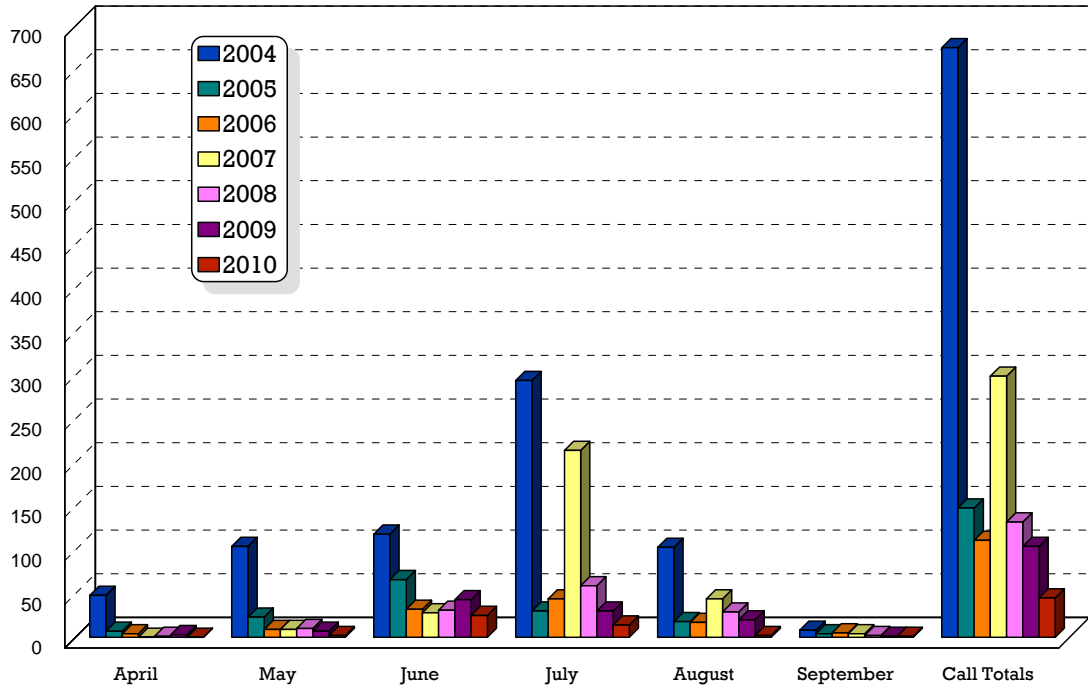
Customer Service

Customer service was again a very high priority for CMC in 2010. We take pride in training each and every technician so that they have the confidence and information to provide residents with the correct answers to sometimes difficult questions. Each field technician spends part of their day responding to resident concerns in their work area. This in-field customer service personalizes the mosquito control program, provides us with local information on mosquito activity and provides the valuable opportunity to truly communicate face-to-face with the residents we serve. Residents are also always encouraged to call the Mosquito Hotline to report areas with high mosquito annoyance and potential standing water breeding habitat. CMC can address the following concerns through a telephone call or email correspondence with residents,

- Opt a property out of any adulticide spraying via a “shut-off list” which is updated annually and as new requests are received
- Request a call notification when adulticide spraying is planned in and around their neighborhood
- Report mosquito annoyance areas and request floater traps at a residence
- Report standing, stagnant water that may indicate the presence of larval sites or harborage
- Request fish to control mosquito larvae (where applicable and appropriate)
- Request information on how to control and/or prevent mosquitoes on their property
- Request health and safety information about mosquito control operations and pesticide products used in the control program.

In 2010 CMC fielded 45 phone calls from City of Fort Collins residents. Of these; there were 4 requests for call notification of mosquito spraying. There were 9 requests for information regarding the City’s mosquito spray program, West Nile Virus risk, and ways to reduce mosquitoes. There were 14 new larval site reports, in which a CMC technician inspected the area for standing water. If the habitat posed potential for mosquito larvae, then CMC would treat and add the site into the routine inspection program for the City of Fort Collins. There were 3 requests for a special event mosquito spray application on private properties. There were 13 mosquito annoyance calls received in 2010. CMC responded to these mosquito annoyances by either providing trap data for the local area, setting floater traps, or inspecting the area for new sites that may be producing mosquitoes causing the annoyance. CMC provided information about mosquito sprays that could repel mosquitoes in their own residential yards. There were 2 phone calls received requesting stocking of fathead minnows in residential ponds. All requests were fulfilled.

MosquitoLine Calls Received By Month 2010 City of Fort Collins Mosquito Management Program



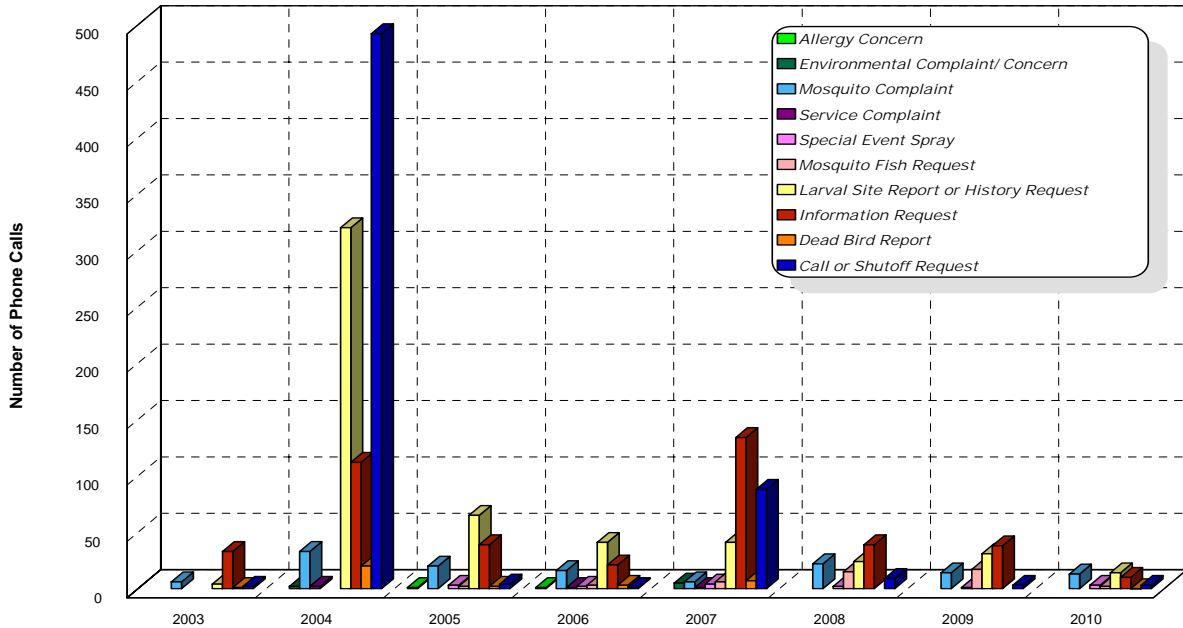
2010 Colorado Mosquito Control, Inc.

This chart is the confidential work product of Colorado Mosquito Control, Inc and is protected by state and federal statutes.

Annual Comparison of MosquitoLine Calls

2003 - 2010 Fort Collins Resident Phone Calls by Type

* 2003 CMC contracted to perform adulting applications only



2010 Colorado Mosquito Control, Inc.

This chart is the confidential work product of Colorado Mosquito Control, Inc and is protected by state and federal statutes.

CALL NOTIFICATION & SHUTOFF SYSTEM

CMC will continue to maintain a comprehensive Call Notification & Shutoff database and will notify residents on the list when conducting ULV adulticide spray applications within 2 blocks of their property or within the effective ULV spray drift distance (300-500 ft depending on wind speed and direction). All Shutoff locations are mapped in ArcView GIS. Call & Shutoff forms are available online and may be submitted via CMC website or by mail.

FREE FISH STOCKING PROGRAM

CMC will continue to work with residents to supply larvivorous fish to those residents with ornamental and closed-system ponds that are not currently stocked with fish and that may be producing mosquito problems in their neighborhoods. CMC technicians will physically visit the resident's homes to distribute fish.

"PREVENTION & PROTECTION" PRESENTATIONS

CMC will continue to offer presentations to "at risk" municipal employees in the Parks & Recreation Dept., Utility Workers, and the local senior populations with information about personal protection, repellents, West Nile Virus activity and ways to reduce mosquitoes by dumping/ draining standing water.

BACKYARD INSPECTION PROGRAM

CMC will continue to employ a full time technician solely assigned to inspecting residential backyards and educating residents about the Fight the Bite campaign. Backyard inspections will reduce container breeding WNV vector mosquitoes and increase public contact and program involvement.

FLOATER TRAP PLACEMENT for annoyance reports at resident homes at locations away from standard trapping zones.

DAILY POSTING OF ULV SPRAY ZONES posted by 3 pm for resident notification at www.comosquitocontrol.com

MAP OF ULV ZONES at www.comosquitocontrol.com for resident reference. Denotes labeled zones and approximate trap locations.

Community Outreach

In 2010, CMC further increased our community outreach programs to provide residents and visitors with a better understanding of the value and scope of their mosquito control program. Outreach has proven to have a very positive impact on the community. Throughout the summer, outreach events were attended at select city council meetings, television/ radio interviews, and fairs. The feedback we received was extremely positive, not only from residents, but from local government attendees as well.

These outreach programs provided information and education on all areas of mosquito control and WNV risk. Individual program services were discussed, but an emphasis was also placed on what individuals can do to eliminate standing water on and around their property, how to reach us via phone and website, and even the proper application of mosquito repellents.

In 2010 CMC participated in a Fort Collins City Expo on June 29. This was an excellent opportunity to reach out to employees and community members who are involved in city programs and operations. CMC was able to address questions about West Nile Risk, provide information about trapping operations and answered numerous questions about what the City of Fort Collins does to mitigate West Nile risk.

CMC also participated in the 1st Annual Regional Fight the Bite Night on August 6th. Jessica Schurich (Operations Manager) and one of CMC's Public Outreach employees, Abigail Williamson answered residents questions and distributed mosquito repellents at Fairgrounds Park in Loveland. CMC was



able to reach out to about 30 residents and distributed almost all of the DEET wipe supplies on hand that evening. There were numerous questions about the effectiveness of alternative repellents besides DEET. Staff informed residents about the wealth of information on the CDC's website which recommends other approved repellents, in addition to DEET. CMC also had on hand a mosquito trap, examples of larvicides and numerous alternatives to DEET products for family use.

In addition to the Fairgrounds Park location there were information stations in Fort Collins at Lee Martinez Park and along the Poudre River trail in Riverbend Ponds. There were also stations in Weld County at Eastman Park in Windsor and at the Poudre Learning Center in Greeley. This event was a great way to educate the community. CMC fully supports and hopes to be involved with the local health and city departments that sponsored this event in future years.

NEW FOR 2010! NATURAL AREAS CLEANUP

CMC has adopted a new program to cleanup natural areas and open space within the communities we work. CMC employees volunteered two Saturdays to cleanup local landscapes. We removed 15 bags of trash and debris from the Colina Mariposa Natural Area through the Volunteer Program with Fort Collins Natural Areas. CMC hopes to expand this outreach program and team building experience to other communities in the future.



SUMMARY

CMC recognizes that the vector *Culex tarsalis* will continue to use the irrigation tail waters and cattail marshes along the Front Range as the primary habitat for offspring development, thereby continuing to pose risk for West Nile Virus infections. The variable resurgence in mosquito-borne pathogens clearly illustrates the continued need for on-going mosquito control, mosquito surveillance, vigilant action and response.

Colorado Mosquito Control, Inc. continues to effectively serve the residents of the City of Fort Collins using integrated mosquito management methods and state of the art technology to reduce mosquito nuisance and the related potential for disease transmission, including West Nile Virus. CMC has been able to develop both a cost-effective and efficient program for the City of Fort Collins over the past seasons and looks forward to continued service in 2011 and beyond. We also know that there is always room for improvement and have high expectations for program improvements and new successes in future seasons.

Figure 1. Average Culex pipiens Mosquitoes per Trap/Night

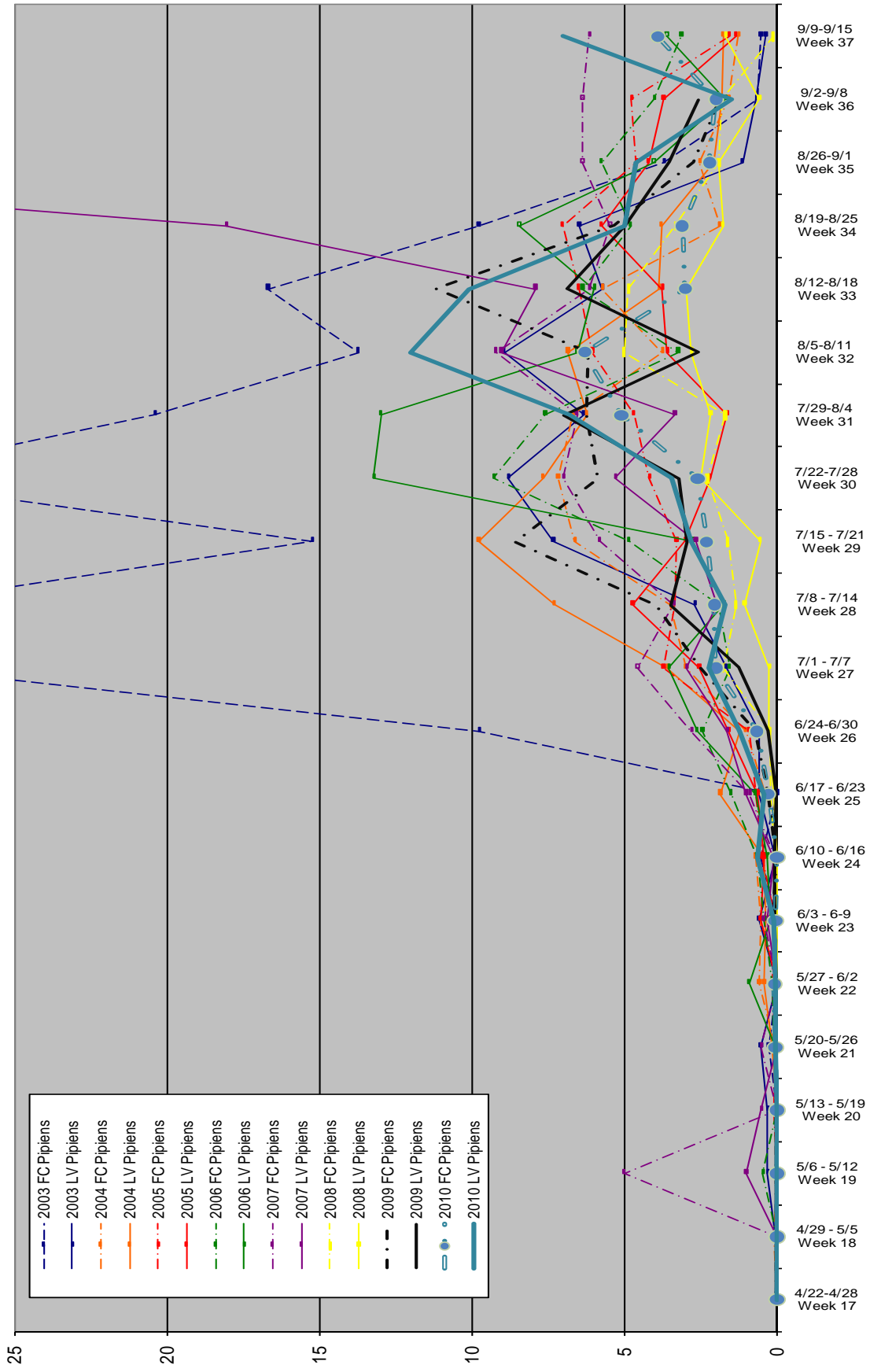
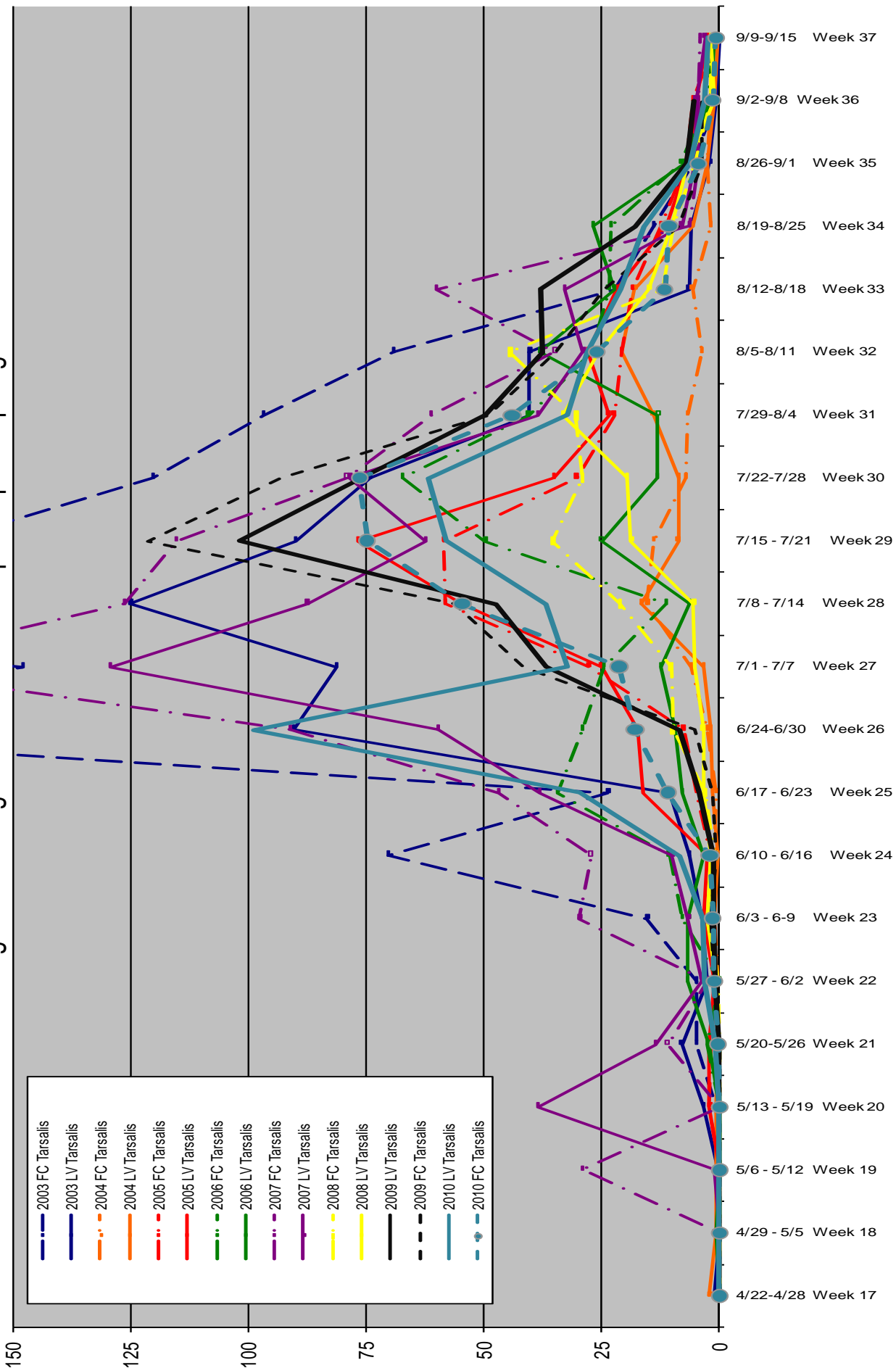


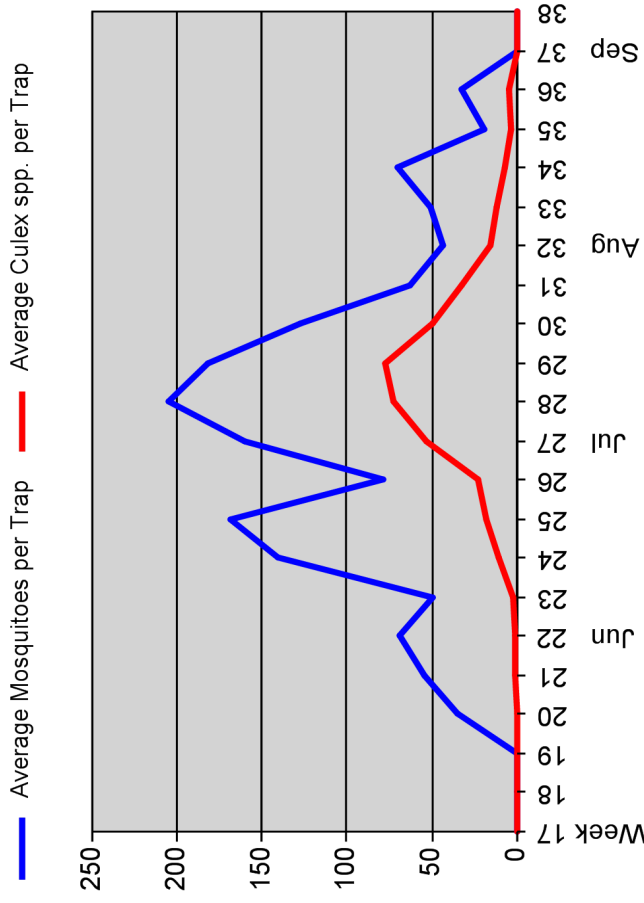
Figure 2. Average *Culex tarsalis* Mosquitoes per Trap/Night



2010 Larimer CDC Light Trap Composite Data

Total number of trap/nights set: 652
Total number of mosquitoes collected: 67,280
Average mosquitoes per trap/night: 103
Average Culex per trap/night: 27

Seasonality

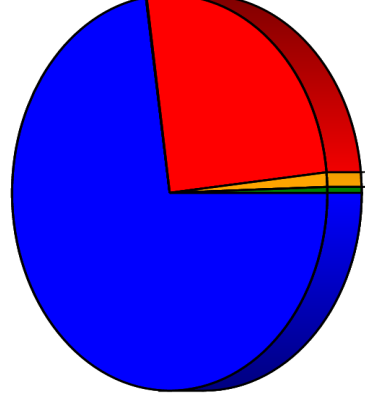


Species collected and abundance:

<i>Aedes (Oc.) dorsalis</i>	6253	9.3 %
<i>Aedes (Oc.) hendersoni</i>	22	0.0 %
<i>Aedes (Oc.) increpitus</i>	7220	10.7 %
<i>Aedes (Oc.) melaninon</i>	501	0.7 %
<i>Aedes (Oc.) nigromaculis</i>	68	0.1 %
<i>Aedes (Oc.) trivittatus</i>	113	0.2 %
<i>Aedes cinereus</i>	7	0.0 %
<i>Aedes vexans</i>	34679	51.5 %
<i>Anopheles earlei</i>	41	0.1 %
<i>Anopheles spp</i>	1	0.0 %
<i>Coquillettidia perturbans</i>	320	0.5 %
<i>Culex pipiens</i>	1356	2.0 %
<i>Culex salinarius</i>	5	0.0 %
<i>Culex spp</i>	1	0.0 %
<i>Culex tarsalis</i>	15896	23.6 %
<i>Culiseta incidens</i>	5	0.0 %

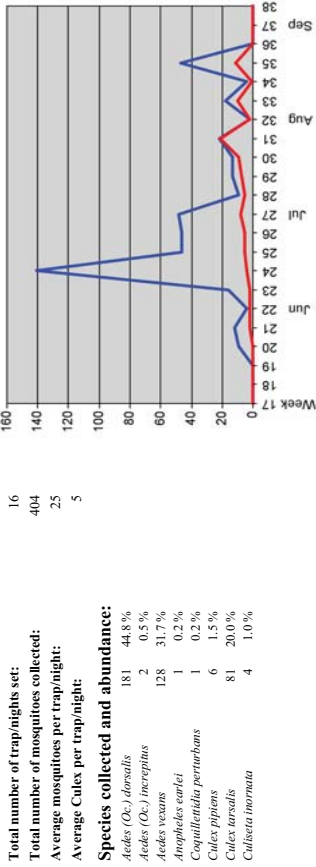
Genus proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	48,913	72.7 %
<i>Anopheles</i>	42	0.1 %
<i>Culex</i>	17,311	25.7 %
<i>Culiseta</i>	797	1.2 %
Other	320	0.5 %



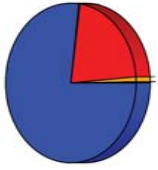
FC-001: Magic Carpet

Season: 2010
 Trap Type: Light/CO2
 Location: Hudson and Avondale detention basin
 GPS: N40° 29.455', W105° 4.955'



Genus Proportions:

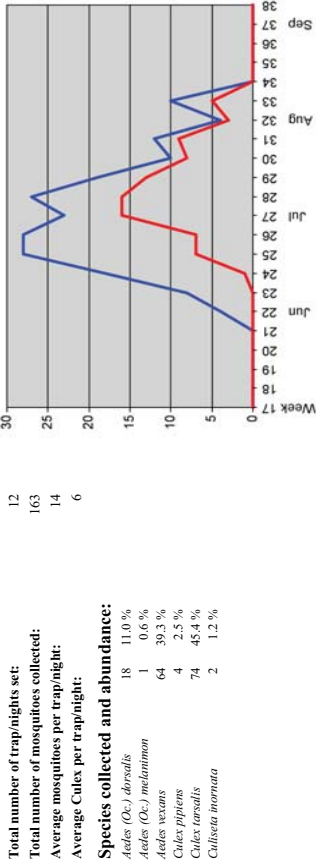
Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	311	77.0 %
<i>Anopheles</i>	1	0.2 %
<i>Culex</i>	87	21.5 %
<i>Culiseta</i>	4	1.0 %
Other	1	0.2 %



©2008 Colorado Mosquito Control, Inc.

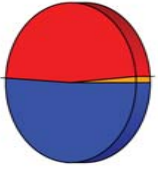
FC-002: 3907 Benthaven

Season: 2010
 Trap Type: Light/CO2
 Location: 3907 Benthaven
 GPS: N40° 32.020', W105° 5.270'



Genus Proportions:

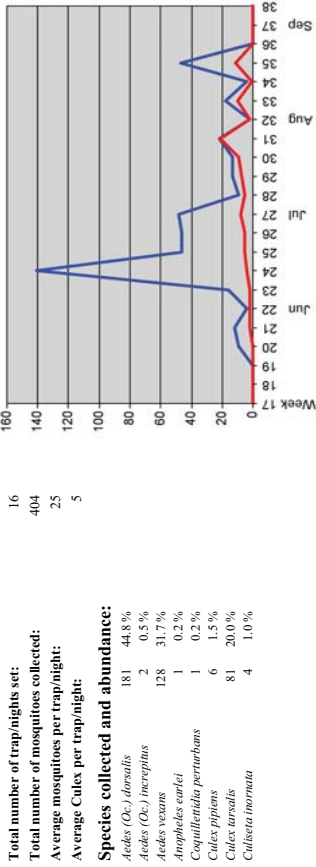
Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	83	50.9 %
<i>Anopheles</i>	0	0.0 %
<i>Culex</i>	78	47.9 %
<i>Culiseta</i>	2	1.2 %
Other	0	0.0 %



©2008 Colorado Mosquito Control, Inc.

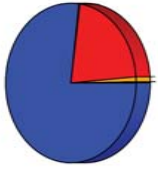
FC-003: Bighorn Drive

Season: 2010
 Trap Type: Light/CO2
 Location: Hudson and Avondale detention basin
 GPS: N40° 29.455', W105° 4.955'



Genus Proportions:

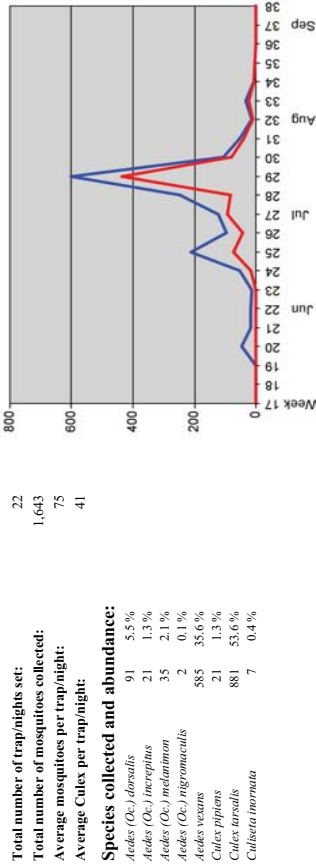
Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	181	44.8 %
<i>Anopheles</i>	2	0.5 %
<i>Culex</i>	128	31.7 %
<i>Culiseta</i>	1	0.2 %
<i>Copulandata pennsylvanica</i>	1	0.2 %
<i>Culex pipiens</i>	6	1.5 %
<i>Culex tarsalis</i>	81	20.0 %
<i>Culiseta inornata</i>	4	1.0 %



©2008 Colorado Mosquito Control, Inc.

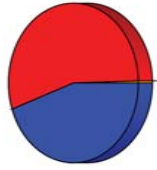
FC-004: Bighorn Drive

Season: 2010
 Trap Type: Light/CO2
 Location: Along side fence of 2201 Bighorn Drive
 GPS: N40° 32.105', W105° 2.250'



Genus Proportions:

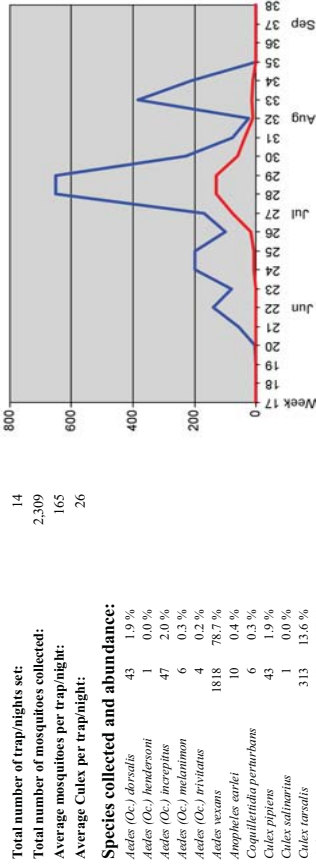
Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	734	44.7 %
<i>Anopheles</i>	0	0.0 %
<i>Culex</i>	902	54.9 %
<i>Culiseta</i>	7	0.4 %
Other	0	0.0 %



©2008 Colorado Mosquito Control, Inc.

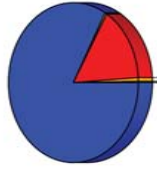
FC-006: North Linden

Season: 2010
 Trap Type: Light/CO2
 Location: North Linden at east side of bike trail
 GPS: N40° 35.460', W105° 4.250'



Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	1,922	83.2 %
<i>Anopheles</i>	10	0.4 %
<i>Culex</i>	357	15.5 %
<i>Culiseta</i>	17	0.7 %
Other	6	0.3 %



©2008 Colorado Mosquito Control, Inc.

FC-011: Golden Current

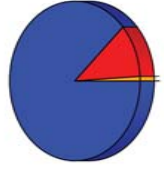
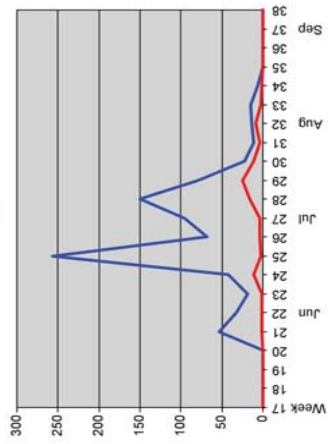
Season: 2010
 Trap Type: Light/CO2
 Location: Golden Current and Banyan
 GPS: N40° 34,180', W105° 8,120'

Total number of trap/nights set: 14
 Total number of mosquitoes collected: 862
 Average mosquitoes per trap/night: 62
 Average Culex per trap/night: 7

Species collected and abundance:

<i>Aedes (Oc.) dorsalis</i>	289	33.5%
<i>Aedes (Oc.) triseriatus</i>	53	6.1%
<i>Aedes (Oc.) melanotarsus</i>	1	0.1%
<i>Aedes (Oc.) nigromaculis</i>	1	0.1%
<i>Aedes vexans</i>	417	48.4%
<i>Culex pipiens</i>	9	1.0%
<i>Culex tarsalis</i>	84	9.7%
<i>Culiseta inornata</i>	8	0.9%

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	761	88.3%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	94	10.9%
<i>Culiseta</i>	8	0.9%
Other	0	0.0%

©2008 Colorado Mosquito Control, Inc.

FC-015: Stuart and Dorset

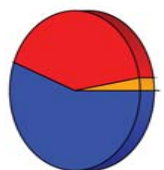
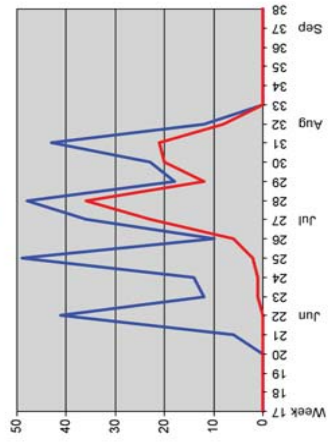
Season: 2010
 Trap Type: Light/CO2
 Location: Stuart and Romedale ditch
 GPS: N40° 33,605', W105° 7,440'

Total number of trap/nights set: 12
 Total number of mosquitoes collected: 312
 Average mosquitoes per trap/night: 26
 Average Culex per trap/night: 11

Species collected and abundance:

<i>Aedes (Oc.) dorsalis</i>	25	8.0%
<i>Aedes (Oc.) triseriatus</i>	4	1.3%
<i>Aedes (Oc.) melanotarsus</i>	2	0.6%
<i>Aedes vexans</i>	143	45.8%
<i>Culex pipiens</i>	39	12.5%
<i>Culex tarsalis</i>	91	29.2%
<i>Culiseta inornata</i>	8	2.6%

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	174	55.8%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	130	41.7%
<i>Culiseta</i>	8	2.6%
Other	0	0.0%

©2008 Colorado Mosquito Control, Inc.

FC-014: Fort Collins Visitors Center

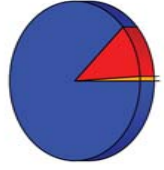
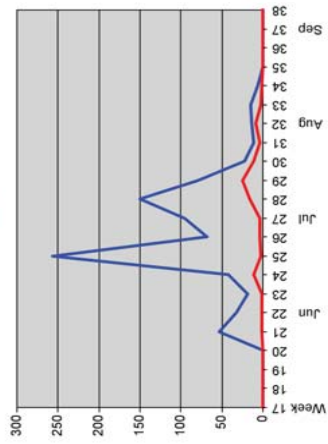
Season: 2010
 Trap Type: Light/CO2
 Location: off Prospect at nature trail and creek
 GPS: N40° 33,910', W105° 0,355'

Total number of trap/nights set: 22
 Total number of mosquitoes collected: 1,100
 Average mosquitoes per trap/night: 50
 Average Culex per trap/night: 18

Species collected and abundance:

<i>Aedes (Oc.) dorsalis</i>	171	15.5%
<i>Aedes (Oc.) triseriatus</i>	28	2.5%
<i>Aedes (Oc.) melanotarsus</i>	2	0.2%
<i>Aedes (Oc.) nigromaculis</i>	415	37.7%
<i>Copidapha pennsylvanica</i>	2	0.2%
<i>Culex pipiens</i>	8	0.7%
<i>Culex tarsalis</i>	395	35.9%
<i>Culiseta inornata</i>	17	1.5%

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	678	61.6%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	403	36.6%
<i>Culiseta</i>	17	1.5%
Other	2	0.2%

©2008 Colorado Mosquito Control, Inc.

FC-019: Edora Park

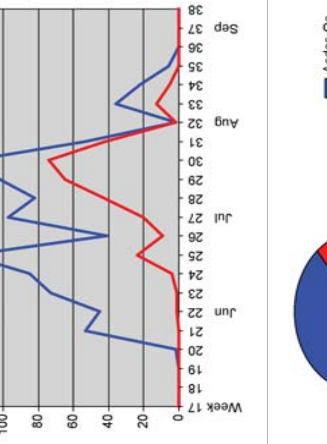
Season: 2010
 Trap Type: Light/CO2
 Location: Prospect and Welch in Edora Park
 GPS: N40° 33,935', W105° 3,145'

Total number of trap/nights set: 16
 Total number of mosquitoes collected: 937
 Average mosquitoes per trap/night: 59
 Average Culex per trap/night: 19

Species collected and abundance:

<i>Aedes (Oc.) dorsalis</i>	24	2.6%
<i>Aedes (Oc.) hendersoni</i>	3	0.3%
<i>Aedes (Oc.) triseriatus</i>	62	6.6%
<i>Aedes (Oc.) melanotarsus</i>	3	0.3%
<i>Aedes (Oc.) nigromaculis</i>	1	0.1%
<i>Aedes (Oc.) irritans</i>	3	0.3%
<i>Aedes vexans</i>	501	53.5%
<i>Copidapha pennsylvanica</i>	6	0.6%
<i>Culex pipiens</i>	46	4.9%
<i>Culex tarsalis</i>	257	27.4%
<i>Culiseta inornata</i>	31	3.3%

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	597	63.7%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	303	32.3%
<i>Culiseta</i>	31	3.3%
Other	6	0.6%

©2008 Colorado Mosquito Control, Inc.

FC-023: Boltz

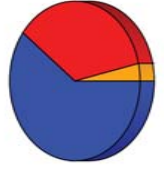
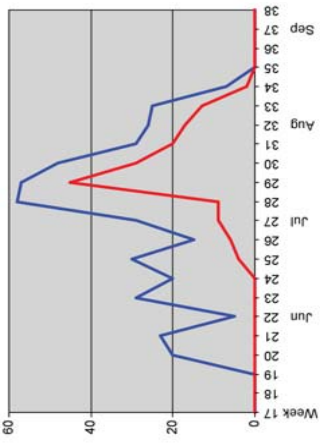
Season: 2010
 Trap Type: Light/CO2
 Location: 720 Boltz Drive (Boltz Junior High School)
 GPS: N40° 32.665', W105° 3.855'

Total number of trap/nights set: 15
 Total number of mosquitoes collected: 421
 Average mosquitoes per trap/night: 28
 Average Culex per trap/night: 10

Species collected and abundance:

Species	Number	Percent of Total
<i>Aedes (Oc.) dorsalis</i>	65	15.4%
<i>Aedes (Oc.) triseriatus</i>	1	0.2%
<i>Aedes (Oc.) nigromaculis</i>	185	43.9%
<i>Aedes vexans</i>	7	1.7%
<i>Culex pipiens</i>	147	34.9%
<i>Culiseta inornata</i>	15	3.6%

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	257	61.0%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	154	36.6%
<i>Culiseta</i>	15	3.6%
Other	0	0.0%

©2008 Colorado Mosquito Control, Inc.

FC-027: San Luis

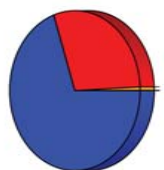
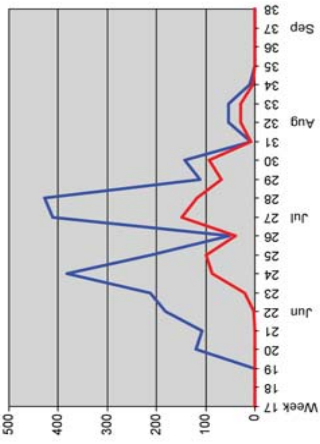
Season: 2010
 Trap Type: Light/CO2
 Location: behind 3001 San Luis along ditch
 GPS: N40° 32.810', W105° 1.990'

Total number of trap/nights set: 14
 Total number of mosquitoes collected: 2,432
 Average mosquitoes per trap/night: 174
 Average Culex per trap/night: 51

Species collected and abundance:

Species	Number	Percent of Total
<i>Aedes (Oc.) dorsalis</i>	276	11.3%
<i>Aedes (Oc.) triseriatus</i>	67	2.8%
<i>Aedes (Oc.) melanlimon</i>	11	0.5%
<i>Aedes (Oc.) rivulatus</i>	20	0.8%
<i>Aedes vexans</i>	1322	54.4%
<i>Coquillettia perturbans</i>	1	0.0%
<i>Culex pipiens</i>	20	0.8%
<i>Culex tarsalis</i>	698	28.7%
<i>Culiseta inornata</i>	17	0.7%

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	1,698	69.8%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	718	29.5%
<i>Culiseta</i>	17	0.7%
Other	1	0.0%

©2008 Colorado Mosquito Control, Inc.

FC-029: Bens Park

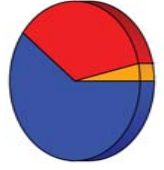
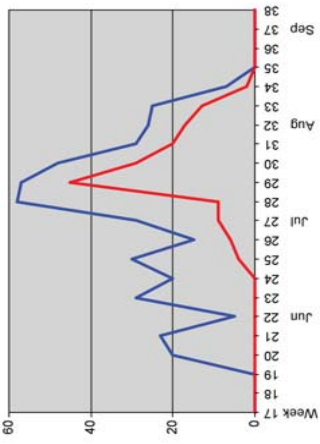
Season: 2010
 Trap Type: Light/CO2
 Location: Fossil Ridge Park on Fossil Creek Parkway
 GPS: N40° 30.680', W105° 4.310'

Total number of trap/nights set: 14
 Total number of mosquitoes collected: 363
 Average mosquitoes per trap/night: 26
 Average Culex per trap/night: 7

Species collected and abundance:

Species	Number	Percent of Total
<i>Aedes (Oc.) dorsalis</i>	119	32.8%
<i>Aedes (Oc.) melanlimon</i>	5	1.4%
<i>Aedes (Oc.) nigromaculis</i>	3	0.8%
<i>Aedes vexans</i>	135	37.2%
<i>Culex pipiens</i>	2	0.6%
<i>Culex tarsalis</i>	97	26.7%
<i>Culiseta inornata</i>	2	0.6%

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	264	72.7%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	99	27.3%
<i>Culiseta</i>	2	0.6%
Other	0	0.0%

©2008 Colorado Mosquito Control, Inc.

FC-031: Willow Springs

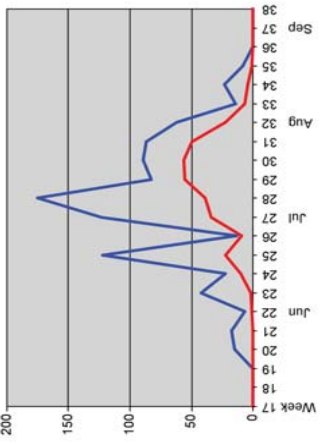
Season: 2010
 Trap Type: Light/CO2
 Location: Timberline just past Willow Springs Way
 GPS: N40° 30.370', W105° 2.375'

Total number of trap/nights set: 16
 Total number of mosquitoes collected: 902
 Average mosquitoes per trap/night: 56
 Average Culex per trap/night: 20

Species collected and abundance:

Species	Number	Percent of Total
<i>Aedes (Oc.) dorsalis</i>	159	17.6%
<i>Aedes (Oc.) triseriatus</i>	5	0.6%
<i>Aedes (Oc.) melanlimon</i>	1	0.1%
<i>Aedes vexans</i>	392	43.5%
<i>Coquillettia perturbans</i>	3	0.3%
<i>Culex pipiens</i>	5	0.6%
<i>Culex tarsalis</i>	307	34.0%
<i>Culiseta inornata</i>	30	3.3%

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	557	61.8%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	312	34.6%
<i>Culiseta</i>	30	3.3%
Other	3	0.3%

©2008 Colorado Mosquito Control, Inc.

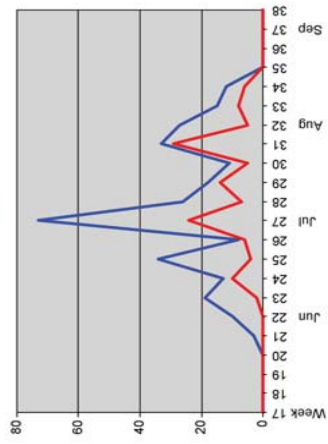
FC-033: Sage Creek

Season: 2010
 Trap Type: Light/CO2
 Location: 5237 Zeigler
 GPS: N40° 30.805', W105° 1.210'

Total number of trap/nights set: 14
 Total number of mosquitoes collected: 302
 Average mosquitoes per trap/night: 22
 Average Culex per trap/night: 9

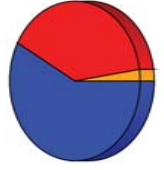
Species collected and abundance:
Aedes (Oc.) dorsalis 32 10.6%
Aedes (Oc.) hendersoni 1 0.3%
Aedes (Oc.) melanotarsus 142 47.0%
Aedes vexans 1 0.3%
Culex pipiens 119 39.4%
Culiseta inornata 7 2.3%

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	175	57.9%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	120	39.7%
<i>Culiseta</i>	7	2.3%
Other	0	0.0%



©2008 Colorado Mosquito Control, Inc.

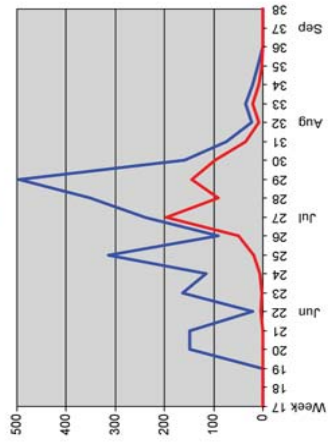
FC-034: Country Club

Season: 2010
 Trap Type: Light/CO2
 Location: 2,258
 GPS: N40° 37.595', W105° 3.115'

Total number of trap/nights set: 16
 Total number of mosquitoes collected: 2,258
 Average mosquitoes per trap/night: 141
 Average Culex per trap/night: 43

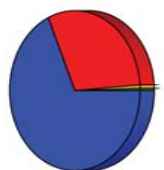
Species collected and abundance:
Aedes (Oc.) dorsalis 198 8.8%
Aedes (Oc.) hendersoni 1 0.0%
Aedes (Oc.) inaeptus 18 0.8%
Aedes (Oc.) melanotarsus 20 0.9%
Aedes (Oc.) nigromaculis 2 0.1%
Aedes (Oc.) trivittatus 3 0.1%
Aedes vexans 1301 57.6%
Cogullentia pernarbens 10 0.4%
Culex pipiens 6 0.3%
Culex tarsalis 683 30.2%
Culiseta inornata 16 0.7%

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	1,543	68.3%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	689	30.5%
<i>Culiseta</i>	16	0.7%
Other	10	0.4%



©2008 Colorado Mosquito Control, Inc.

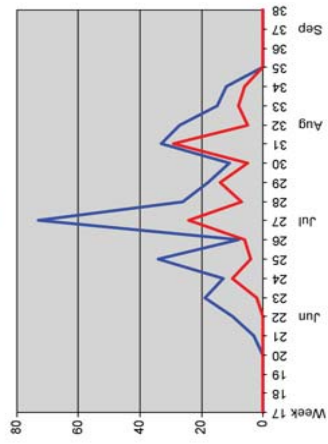
FC-036: Hemlock

Season: 2010
 Trap Type: Light/CO2
 Location: Hemlock Street at Rivers Edge FCNA
 GPS: N40° 36.005', W105° 4.770'

Total number of trap/nights set: 16
 Total number of mosquitoes collected: 4,014
 Average mosquitoes per trap/night: 251
 Average Culex per trap/night: 95

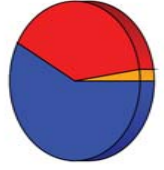
Species collected and abundance:
Aedes (Oc.) dorsalis 98 2.4%
Aedes (Oc.) hendersoni 45 1.1%
Aedes (Oc.) inaeptus 6 0.1%
Aedes (Oc.) melanotarsus 1 0.0%
Aedes (Oc.) nigromaculis 2 0.0%
Aedes (Oc.) trivittatus 2319 57.8%
Aedes vexans 38 0.9%
Culex pipiens 1477 36.8%
Culex tarsalis 28 0.7%
Culiseta inornata 0 0.0%

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	2,477	61.7%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	1,515	37.7%
<i>Culiseta</i>	28	0.7%
Other	0	0.0%



©2008 Colorado Mosquito Control, Inc.

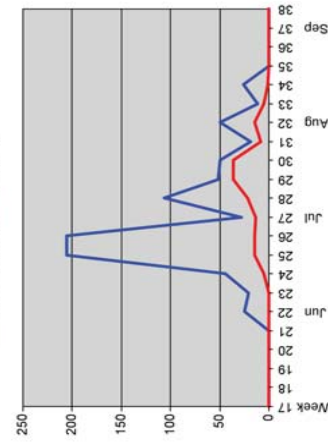
FC-037: Chelsea Ridge

Season: 2010
 Trap Type: Light/CO2
 Location: 1113 Wooded Creek Court
 GPS: N40° 31.005', W105° 5.910'

Total number of trap/nights set: 12
 Total number of mosquitoes collected: 638
 Average mosquitoes per trap/night: 53
 Average Culex per trap/night: 13

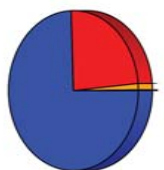
Species collected and abundance:
Aedes (Oc.) dorsalis 40 6.3%
Aedes (Oc.) hendersoni 2 0.3%
Aedes (Oc.) inaeptus 12 1.9%
Aedes (Oc.) melanotarsus 2 0.3%
Aedes (Oc.) trivittatus 2 0.3%
Aedes vexans 417 65.4%
Cogullentia pernarbens 1 0.2%
Culex pipiens 1 0.2%
Culex tarsalis 153 24.0%
Culiseta inornata 8 1.3%

Seasonality



Genus Proportions:

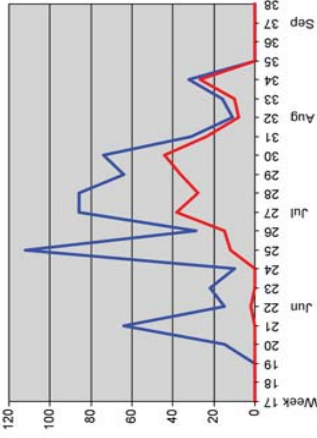
Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	475	74.5%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	154	24.1%
<i>Culiseta</i>	8	1.3%
Other	1	0.2%



©2008 Colorado Mosquito Control, Inc.

FC-038: Lockside Lane

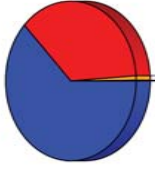
Season: 2010
 Trap Type: Light/CO2
 Location: Lockside Lane and Glenock Drive
 GPS: N40° 35.940', W105° 0.425'



Total number of trap/nights set: 15
 Total number of mosquitoes collected: 667
 Average mosquitoes per trap/night: 44
 Average Culex per trap/night: 16

Species collected and abundance:

<i>Aedes (Oc.) dorsalis</i>	158	23.7%
<i>Aedes (Oc.) inexcrucians</i>	1	0.1%
<i>Aedes (Oc.) melaninon</i>	4	0.6%
<i>Aedes vexans</i>	253	37.9%
<i>Copartellidia perturbans</i>	9	1.3%
<i>Culex pipiens</i>	235	35.2%
<i>Culiseta inornata</i>	6	0.9%



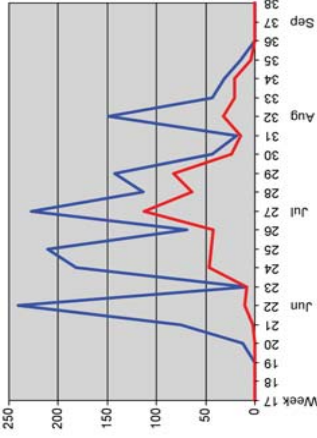
Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	416	62.4%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	244	36.6%
<i>Culiseta</i>	6	0.9%
Other	1	0.2%

©2008 Colorado Mosquito Control, Inc.

FC-039: Fossil Creek South (Greenstone)

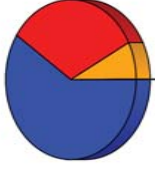
Season: 2010
 Trap Type: Light/CO2
 Location: Timberline and Cty Rd 32 in Fossil Creek FCNA
 GPS: N40° 28.845', W105° 2.350'



Total number of trap/nights set: 16
 Total number of mosquitoes collected: 1,581
 Average mosquitoes per trap/night: 99
 Average Culex per trap/night: 33

Species collected and abundance:

<i>Aedes (Oc.) dorsalis</i>	412	26.1%
<i>Aedes (Oc.) inexcrucians</i>	9	0.6%
<i>Aedes (Oc.) melaninon</i>	6	0.4%
<i>Aedes (Oc.) nigromaculis</i>	3	0.2%
<i>Aedes vexans</i>	509	32.2%
<i>Copartellidia perturbans</i>	2	0.1%
<i>Culex pipiens</i>	37	2.3%
<i>Culex tarsalis</i>	484	30.6%
<i>Culiseta inornata</i>	119	7.5%



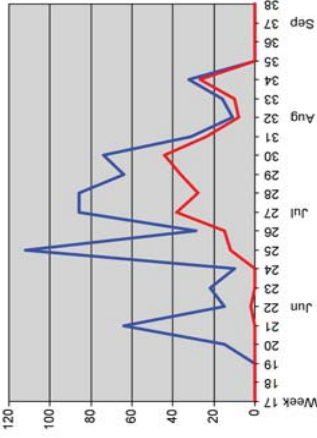
Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	939	59.4%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	521	33.0%
<i>Culiseta</i>	119	7.5%
Other	2	0.1%

©2008 Colorado Mosquito Control, Inc.

FC-038: Lockside Lane

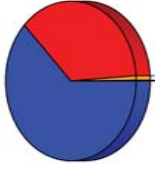
Season: 2010
 Trap Type: Light/CO2
 Location: Lockside Lane and Glenock Drive
 GPS: N40° 35.940', W105° 0.425'



Total number of trap/nights set: 15
 Total number of mosquitoes collected: 667
 Average mosquitoes per trap/night: 44
 Average Culex per trap/night: 16

Species collected and abundance:

<i>Aedes (Oc.) dorsalis</i>	158	23.7%
<i>Aedes (Oc.) inexcrucians</i>	1	0.1%
<i>Aedes (Oc.) melaninon</i>	4	0.6%
<i>Aedes vexans</i>	253	37.9%
<i>Copartellidia perturbans</i>	9	1.3%
<i>Culex pipiens</i>	235	35.2%
<i>Culiseta inornata</i>	6	0.9%



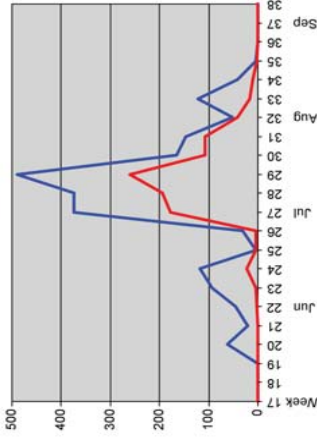
Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	416	62.4%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	244	36.6%
<i>Culiseta</i>	6	0.9%
Other	1	0.2%

©2008 Colorado Mosquito Control, Inc.

FC-040: Redwood

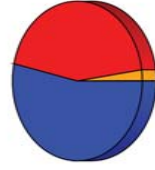
Season: 2010
 Trap Type: Light/CO2
 Location: Redwood and Conifer at Electrical Post
 GPS: N40° 36.185', W105° 4.025'



Total number of trap/nights set: 16
 Total number of mosquitoes collected: 2,145
 Average mosquitoes per trap/night: 134
 Average Culex per trap/night: 59

Species collected and abundance:

<i>Aedes (Oc.) dorsalis</i>	350	16.3%
<i>Aedes (Oc.) inexcrucians</i>	10	0.5%
<i>Aedes (Oc.) melaninon</i>	32	1.5%
<i>Aedes (Oc.) nigromaculis</i>	10	0.5%
<i>Aedes (Oc.) rivitatus</i>	2	0.1%
<i>Aedes vexans</i>	743	34.6%
<i>Copartellidia perturbans</i>	1	0.0%
<i>Culex pipiens</i>	48	2.2%
<i>Culex tarsalis</i>	902	42.1%
<i>Culiseta inornata</i>	47	2.2%



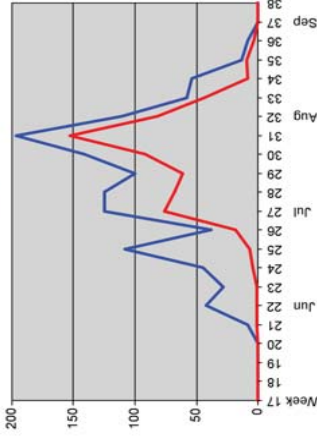
Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	1,147	53.5%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	950	44.3%
<i>Culiseta</i>	47	2.2%
Other	1	0.0%

©2008 Colorado Mosquito Control, Inc.

FC-041: Fishback

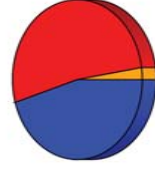
Season: 2010
 Trap Type: Light/CO2
 Location: Fishback and Richards Place Alley
 GPS: N40° 35.270', W105° 6.290'



Total number of trap/nights set: 16
 Total number of mosquitoes collected: 1,201
 Average mosquitoes per trap/night: 75
 Average Culex per trap/night: 39

Species collected and abundance:

<i>Aedes (Oc.) dorsalis</i>	18	1.5%
<i>Aedes (Oc.) hendersoni</i>	1	0.1%
<i>Aedes (Oc.) inexcrucians</i>	3	1.1%
<i>Aedes (Oc.) melaninon</i>	3	0.2%
<i>Aedes (Oc.) nigromaculis</i>	1	0.1%
<i>Aedes (Oc.) rivitatus</i>	4	0.3%
<i>Aedes vexans</i>	505	42.0%
<i>Culex pipiens</i>	151	12.6%
<i>Culex tarsalis</i>	476	39.6%
<i>Culiseta incidens</i>	2	0.2%
<i>Culiseta inornata</i>	27	2.2%



Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	545	45.4%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	627	52.2%
<i>Culiseta</i>	29	2.4%
Other	0	0.0%

©2008 Colorado Mosquito Control, Inc.

FC-046: 725 Westshore Court

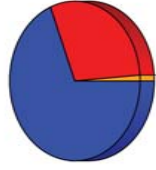
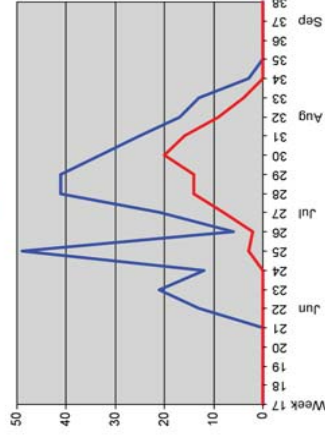
Season: 2010
 Trap Type: Light/CO2
 Location: 725 Westshore Court
 GPS: N40° 31.775', W105° 3.910'

Total number of trap/nights set: 13
 Total number of mosquitoes collected: 254
 Average mosquitoes per trap/night: 20
 Average Culex per trap/night: 6

Species collected and abundance:

<i>Aedes (Oc.) dorsalis</i>	13	5.1%
<i>Aedes (Oc.) hendersoni</i>	1	0.4%
<i>Aedes (Oc.) incertipennis</i>	1	0.4%
<i>Aedes (Oc.) trivittatus</i>	159	62.6%
<i>Aedes vexans</i>	2	0.8%
<i>Culex pipiens</i>	74	29.1%
<i>Culiseta inornata</i>	3	1.2%

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	175	68.9%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	76	29.9%
<i>Culiseta</i>	3	1.2%
Other	0	0.0%

©2008 Colorado Mosquito Control, Inc.

FC-047: Keenland & Twin Oak

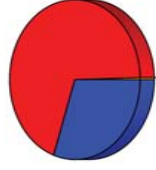
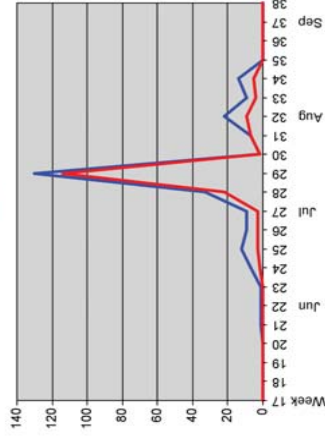
Season: 2010
 Trap Type: Light/CO2
 Location: at detention basin off of Keenland and Twin Oak
 GPS: N40° 30.900', W105° 3.170'

Total number of trap/nights set: 13
 Total number of mosquitoes collected: 247
 Average mosquitoes per trap/night: 19
 Average Culex per trap/night: 13

Species collected and abundance:

<i>Aedes (Oc.) dorsalis</i>	11	4.5%
<i>Aedes vexans</i>	64	25.9%
<i>Culex pipiens</i>	3	1.2%
<i>Culex tarsalis</i>	168	68.0%
<i>Culiseta inornata</i>	1	0.4%

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	76	30.8%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	174	70.4%
<i>Culiseta</i>	1	0.4%
Other	0	0.0%

©2008 Colorado Mosquito Control, Inc.

FC-049: Casa Grande and Downing

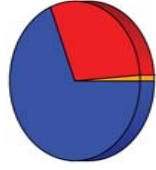
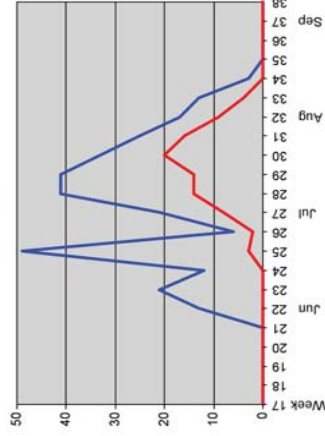
Season: 2010
 Trap Type: Light/CO2
 Location: along west side of ditch off Downing
 GPS: N40° 32.525', W105° 6.405'

Total number of trap/nights set: 13
 Total number of mosquitoes collected: 162
 Average mosquitoes per trap/night: 12
 Average Culex per trap/night: 5

Species collected and abundance:

<i>Aedes (Oc.) dorsalis</i>	8	4.9%
<i>Aedes (Oc.) hendersoni</i>	11	6.8%
<i>Aedes (Oc.) incertipennis</i>	74	45.7%
<i>Aedes vexans</i>	18	11.1%
<i>Culex pipiens</i>	46	28.4%
<i>Culex tarsalis</i>	5	3.1%
<i>Culiseta inornata</i>	0	0.0%

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	93	57.4%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	65	40.1%
<i>Culiseta</i>	5	3.1%
Other	0	0.0%

©2008 Colorado Mosquito Control, Inc.

FC-050: Golden Meadows Ditch

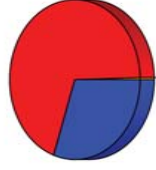
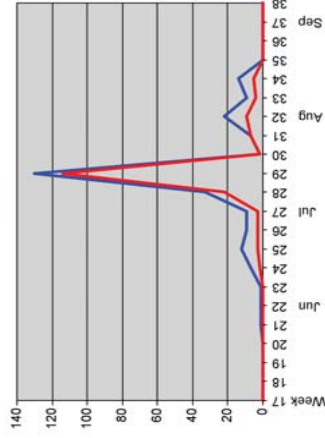
Season: 2010
 Trap Type: Light/CO2
 Location: park at 1513 Ticonderoga along ditch
 GPS: N40° 31.760', W105° 3.040'

Total number of trap/nights set: 11
 Total number of mosquitoes collected: 396
 Average mosquitoes per trap/night: 36
 Average Culex per trap/night: 20

Species collected and abundance:

<i>Aedes (Oc.) dorsalis</i>	4	1.0%
<i>Aedes (Oc.) incertipennis</i>	2	0.5%
<i>Aedes vexans</i>	176	44.4%
<i>Culex pipiens</i>	5	1.3%
<i>Culex tarsalis</i>	196	49.5%
<i>Culiseta inornata</i>	13	3.3%

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	182	46.0%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	221	55.8%
<i>Culiseta</i>	13	3.3%
Other	0	0.0%

©2008 Colorado Mosquito Control, Inc.

FC-050: Golden Meadows Ditch

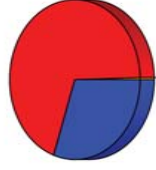
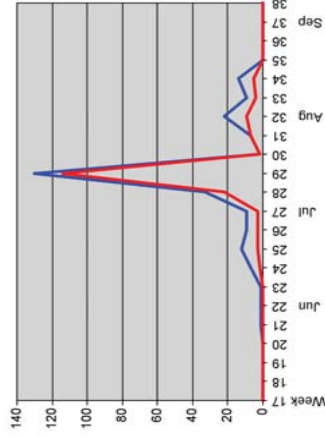
Season: 2010
 Trap Type: Light/CO2
 Location: park at 1513 Ticonderoga along ditch
 GPS: N40° 31.760', W105° 3.040'

Total number of trap/nights set: 11
 Total number of mosquitoes collected: 396
 Average mosquitoes per trap/night: 36
 Average Culex per trap/night: 20

Species collected and abundance:

<i>Aedes (Oc.) dorsalis</i>	4	1.0%
<i>Aedes (Oc.) incertipennis</i>	2	0.5%
<i>Aedes vexans</i>	176	44.4%
<i>Culex pipiens</i>	5	1.3%
<i>Culex tarsalis</i>	196	49.5%
<i>Culiseta inornata</i>	13	3.3%

Seasonality



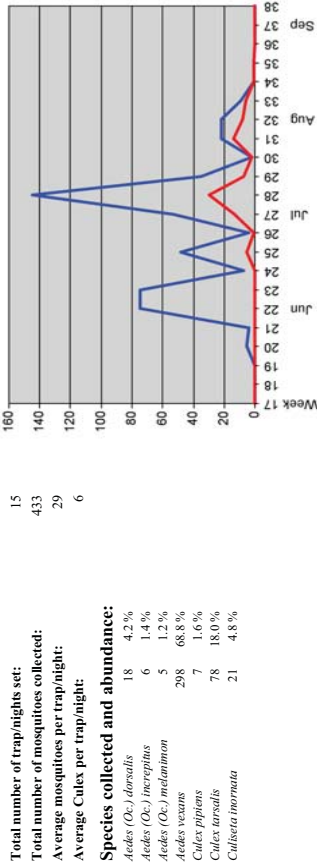
Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	182	46.0%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	221	55.8%
<i>Culiseta</i>	13	3.3%
Other	0	0.0%

©2008 Colorado Mosquito Control, Inc.

FC-052: 603 Gilgalad Way

Season: 2010
 Trap Type: Light/CO2
 Location: 603 Gilgalad Way
 GPS: N40° 33.695', W105° 5.210'



Genus Proportions:

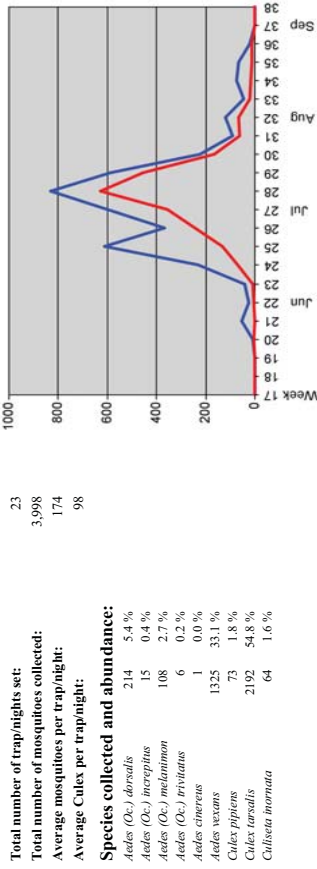
Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	328	75.8%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	85	19.6%
<i>Culiseta</i>	21	4.9%
Other	0	0.0%



©2008 Colorado Mosquito Control, Inc.

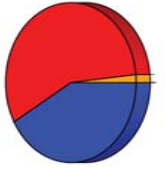
FC-053: Egret and Rookery

Season: 2010
 Trap Type: Light/CO2
 Location: 3480 Egret Lane
 GPS: N40° 29.880', W105° 0.685'



Genus Proportions:

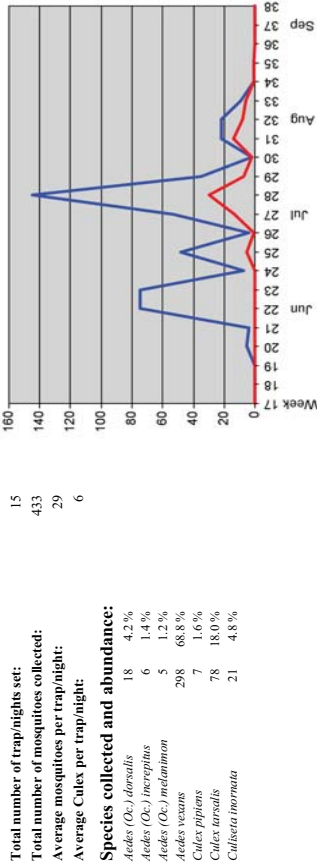
Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	1,673	41.8%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	2,265	56.7%
<i>Culiseta</i>	64	1.6%
Other	0	0.0%



©2008 Colorado Mosquito Control, Inc.

FC-054: 737 Parliament Court

Season: 2010
 Trap Type: Light/CO2
 Location: behind 737 along drainage ditch
 GPS: N40° 30.030', W105° 3.815'



Genus Proportions:

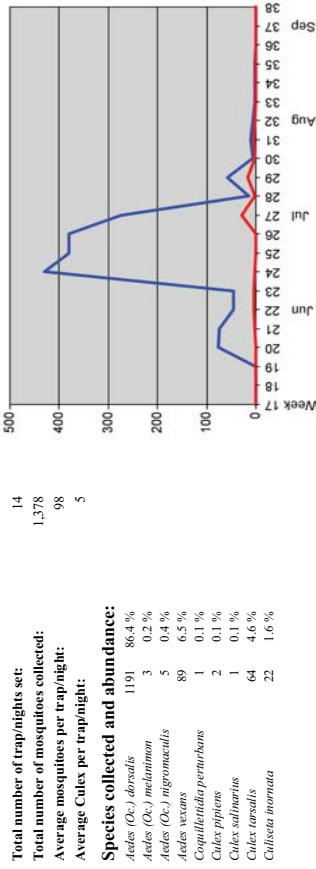
Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	775	85.7%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	116	12.8%
<i>Culiseta</i>	13	1.4%
Other	0	0.0%



©2008 Colorado Mosquito Control, Inc.

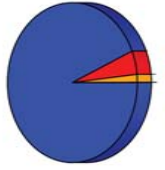
FC-057: Registry Ridge- End of Ranger Dr

Season: 2010
 Trap Type: Light/CO2
 Location: between 7262 and 7256 at drainage to open space
 GPS: N40° 29.055', W105° 6.300'



Genus Proportions:

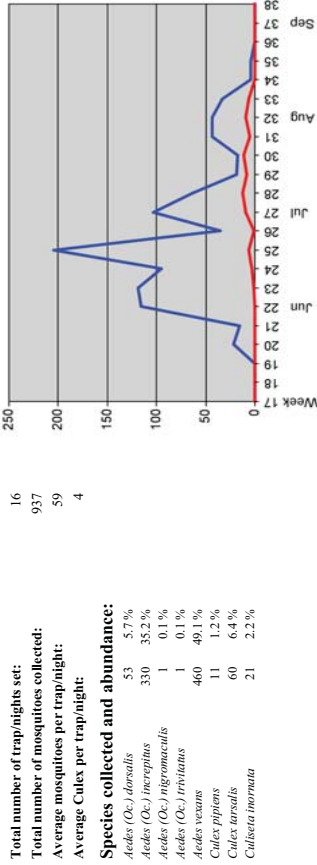
Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	1,305	94.7%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	67	4.9%
<i>Culiseta</i>	22	1.6%
Other	1	0.1%



©2008 Colorado Mosquito Control, Inc.

FC-058: Spring Creek Trail @ Michener Dr

Season: 2010
 Trap Type: Light/CO2
 Location: Spring Creek Trail at Michener Drive
 GPS: N40° 32.925', W105° 7.540'



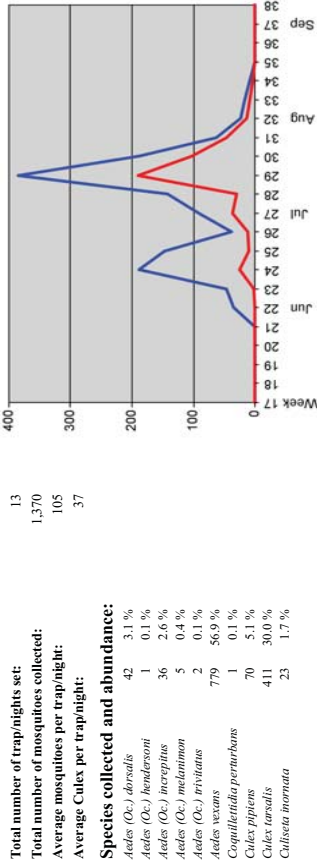
Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	845	90.2%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	71	7.6%
<i>Culiseta</i>	21	2.2%
Other	0	0.0%

©2008 Colorado Mosquito Control, Inc.

FC-059: Springwood and Lockwood

Season: 2010
 Trap Type: Light/CO2
 Location: Nelson Farm Stormwater Detention Pond
 GPS: N40° 32.520', W105° 2.885'



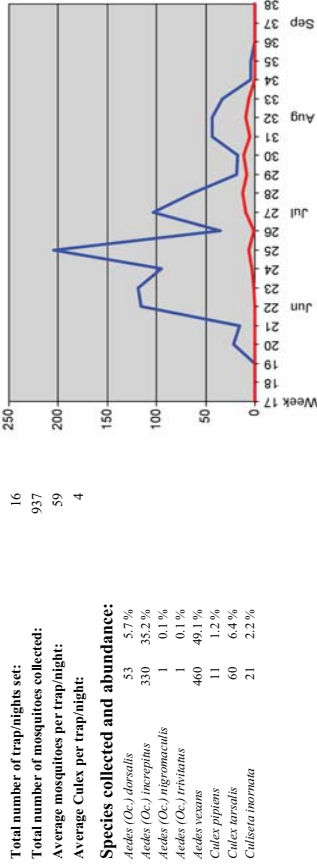
Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	865	63.1%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	481	35.1%
<i>Culiseta</i>	23	1.7%
Other	1	0.1%

©2008 Colorado Mosquito Control, Inc.

FC-060: 808 Pondersosa

Season: 2010
 Trap Type: Light/CO2
 Location: 808 Pondersosa
 GPS: N40° 34.665', W105° 7.215'



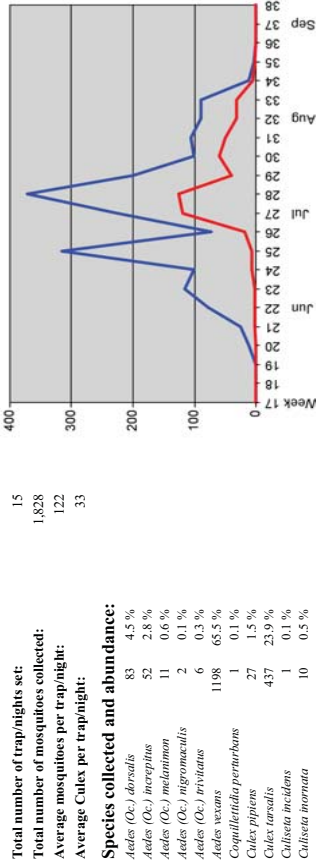
Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	87	46.5%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	98	52.4%
<i>Culiseta</i>	2	1.1%
Other	0	0.0%

©2008 Colorado Mosquito Control, Inc.

FC-061: Holley Environ. Plant Research Ctr

Season: 2010
 Trap Type: Light/CO2
 Location: Cardinal Royal European Mountain Ash-801 W. Lake
 GPS: N40° 34.155', W105° 5.525'



Genus Proportions:

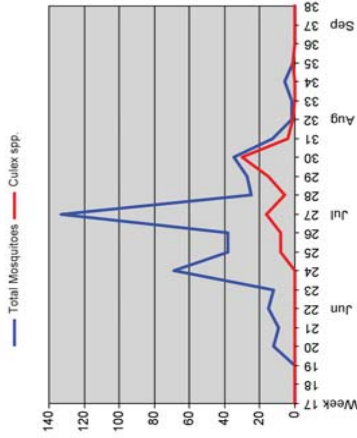
Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	1,352	74.0%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	492	26.9%
<i>Culiseta</i>	11	0.6%
Other	1	0.1%

©2008 Colorado Mosquito Control, Inc.

FC-062: Waters Edge at Blue Mesa

Season: 2010
 Trap Type: Light/CO2
 Location: Waters Edge FCNA at Blue Mesa Court
 GPS: N40° 32.540', W105° 5.260'

Seasonality



Total number of trap/nights set: 14
 Total number of mosquitoes collected: 397
 Average mosquitoes per trap/night: 28
 Average Culex per trap/night: 6

Species collected and abundance:

<i>Aedes (Oc.) dorsalis</i>	42	10.6%
<i>Aedes (Oc.) incrucipatus</i>	6	1.5%
<i>Aedes vexans</i>	262	66.0%
<i>Culex pipiens</i>	20	5.0%
<i>Culex tarsalis</i>	61	15.4%
<i>Culiseta inornata</i>	6	1.5%

Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	310	78.1%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	81	20.4%
<i>Culiseta</i>	6	1.5%
Other	0	0.0%

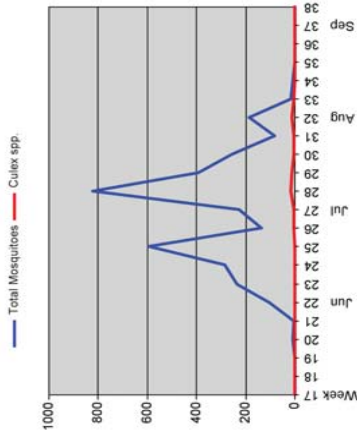


©2008 Colorado Mosquito Control, Inc.

FC-063: Red Fox Meadows FCNA

Season: 2010
 Trap Type: Light/CO2
 Location: Red Fox Meadows FCNA @ Heatheridge Apartment
 GPS: N40° 33.915', W105° 6.290'

Seasonality



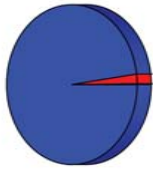
Total number of trap/nights set: 15
 Total number of mosquitoes collected: 3,368
 Average mosquitoes per trap/night: 225
 Average Culex per trap/night: 4

Species collected and abundance:

<i>Aedes (Oc.) dorsalis</i>	64	1.9%
<i>Aedes (Oc.) hendersoni</i>	1	0.0%
<i>Aedes (Oc.) incrucipatus</i>	32	1.0%
<i>Aedes (Oc.) melaninon</i>	10	0.3%
<i>Aedes (Oc.) nigromaculis</i>	3	0.1%
<i>Aedes (Oc.) trivittatus</i>	3	0.1%
<i>Aedes vexans</i>	3184	94.5%
<i>Culex pipiens</i>	4	0.1%
<i>Culex tarsalis</i>	61	1.8%
<i>Culiseta incidens</i>	1	0.0%
<i>Culiseta inornata</i>	5	0.1%

Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	3,297	97.9%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	65	1.9%
<i>Culiseta</i>	6	0.2%
Other	0	0.0%

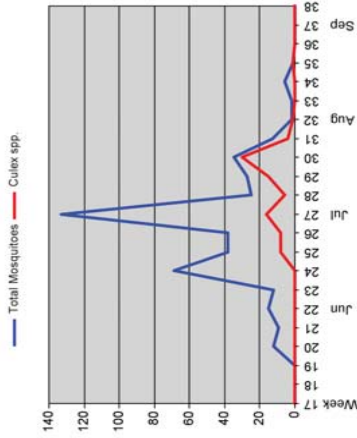


©2008 Colorado Mosquito Control, Inc.

FC-064: West Chase @ Kechter Farm

Season: 2010
 Trap Type: Light/CO2
 Location: Dead end at East Trilby
 GPS: N40° 29.905', W105° 1.795'

Seasonality



Total number of trap/nights set: 16
 Total number of mosquitoes collected: 648
 Average mosquitoes per trap/night: 40
 Average Culex per trap/night: 16

Species collected and abundance:

<i>Aedes (Oc.) dorsalis</i>	176	27.2%
<i>Aedes (Oc.) incrucipatus</i>	2	0.3%
<i>Aedes (Oc.) melaninon</i>	10	1.5%
<i>Aedes (Oc.) nigromaculis</i>	4	0.6%
<i>Aedes vexans</i>	177	27.3%
<i>Copidactyla pennsylvanica</i>	3	0.5%
<i>Culex pipiens</i>	33	5.1%
<i>Culex spp</i>	1	0.2%
<i>Culex tarsalis</i>	224	34.6%
<i>Culiseta inornata</i>	18	2.8%

Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	374	57.7%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	258	39.8%
<i>Culiseta</i>	18	2.8%
Other	3	0.5%

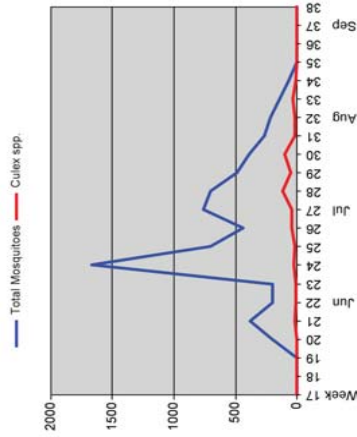


©2008 Colorado Mosquito Control, Inc.

FC-066: Prospect Ponds @ Drake Water

Season: 2010
 Trap Type: Light/CO2
 Location: Prospect Ponds @ Drake Water Reclamation Facility
 GPS: N40° 33.520', W105° 1.360'

Seasonality



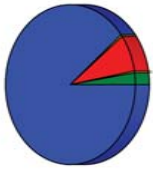
Total number of trap/nights set: 15
 Total number of mosquitoes collected: 6,609
 Average mosquitoes per trap/night: 441
 Average Culex per trap/night: 33

Species collected and abundance:

<i>Aedes (Oc.) dorsalis</i>	471	7.1%
<i>Aedes (Oc.) incrucipatus</i>	182	2.8%
<i>Aedes (Oc.) melaninon</i>	53	0.8%
<i>Aedes (Oc.) nigromaculis</i>	4	0.1%
<i>Aedes (Oc.) trivittatus</i>	14	0.2%
<i>Aedes vexans</i>	5175	78.3%
<i>Anopheles arabi</i>	26	0.4%
<i>Anopheles spp</i>	1	0.0%
<i>Copidactyla pennsylvanica</i>	157	2.4%
<i>Culex pipiens</i>	32	0.5%
<i>Culex tarsalis</i>	470	7.1%
<i>Culiseta inornata</i>	24	0.4%

Genus Proportions:

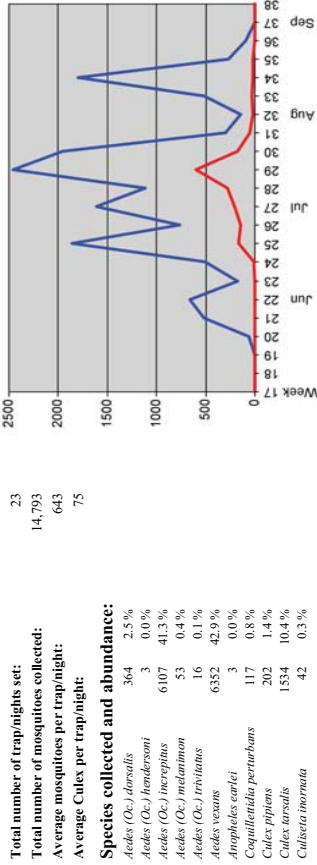
Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	5,899	89.3%
<i>Anopheles</i>	27	0.4%
<i>Culex</i>	502	7.6%
<i>Culiseta</i>	24	0.4%
Other	157	2.4%



©2008 Colorado Mosquito Control, Inc.

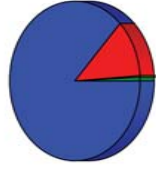
FC-067: Poudre River Drive at bike trail

Season: 2010
 Trap Type: Light/CO2
 Location: Lemay and Poudre River Drive East of Drs office
 GPS: N40° 34.740', W105° 3.335'



Genus Proportions:

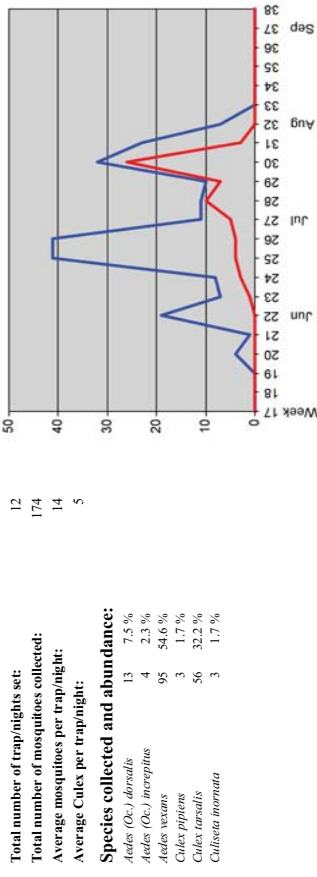
Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	12,895	87.2 %
<i>Anopheles</i>	3	0.0 %
<i>Culex</i>	1,736	11.7 %
<i>Culiseta</i>	42	0.3 %
Other	117	0.8 %



©2008 Colorado Mosquito Control, Inc.

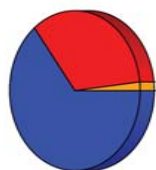
FC-068: 502 Crest Drive

Season: 2010
 Trap Type: Light/CO2
 Location: 502 Crest Drive
 GPS: N40° 30.980', W105° 5.135'



Genus Proportions:

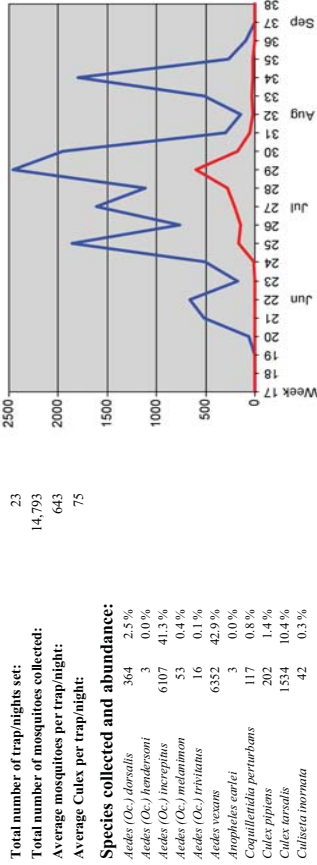
Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	112	64.4 %
<i>Anopheles</i>	0	0.0 %
<i>Culex</i>	59	33.9 %
<i>Culiseta</i>	3	1.7 %
Other	0	0.0 %



©2008 Colorado Mosquito Control, Inc.

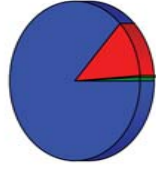
FC-069: Lindenwood HOA

Season: 2010
 Trap Type: Light/CO2
 Location: along E side of 2005 Linden Lake Rd
 GPS: N40° 36.865', W105° 3.220'



Genus Proportions:

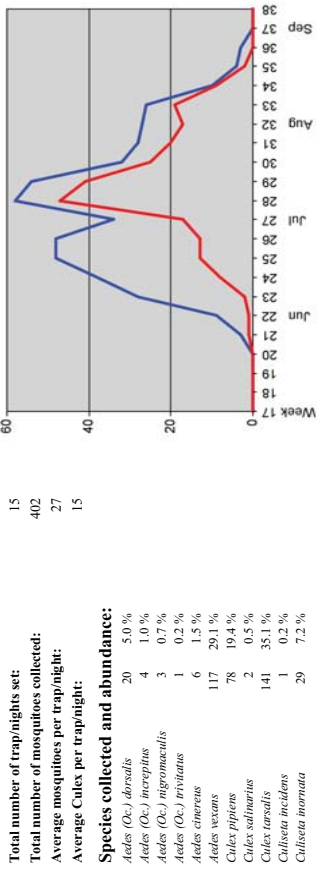
Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	784	77.5 %
<i>Anopheles</i>	0	0.0 %
<i>Culex</i>	220	21.8 %
<i>Culiseta</i>	6	0.6 %
Other	1	0.1 %



©2008 Colorado Mosquito Control, Inc.

FC-071: Silvergate Road

Season: 2010
 Trap Type: Light/CO2
 Location: Silvergate Road at sidewalk bwn 1700 and 1712
 GPS: N40° 31.650', W105° 6.475'



Genus Proportions:

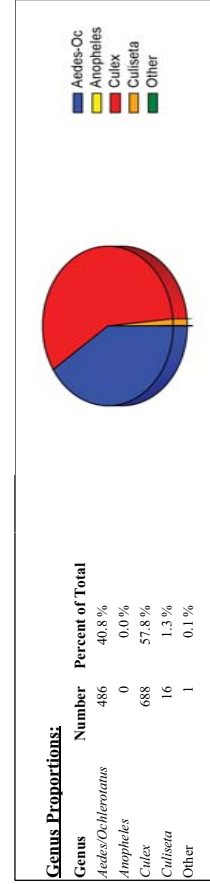
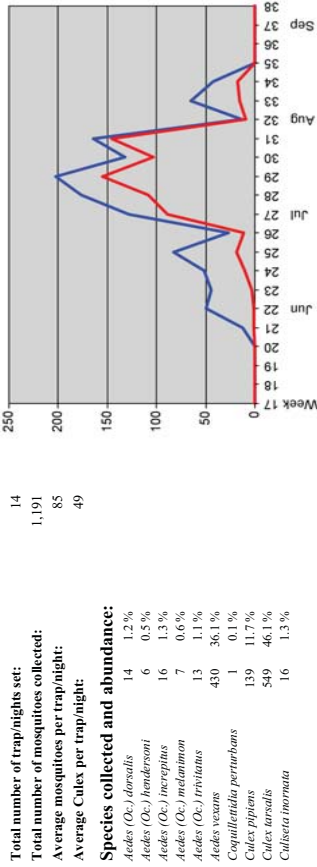
Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	151	37.6 %
<i>Anopheles</i>	0	0.0 %
<i>Culex</i>	221	55.0 %
<i>Culiseta</i>	30	7.5 %
Other	0	0.0 %



©2008 Colorado Mosquito Control, Inc.

FC-072: 422 Lake Drive Alley

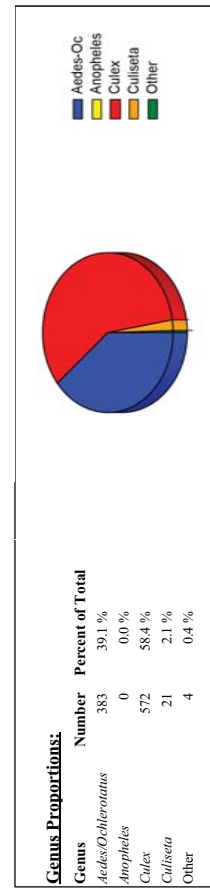
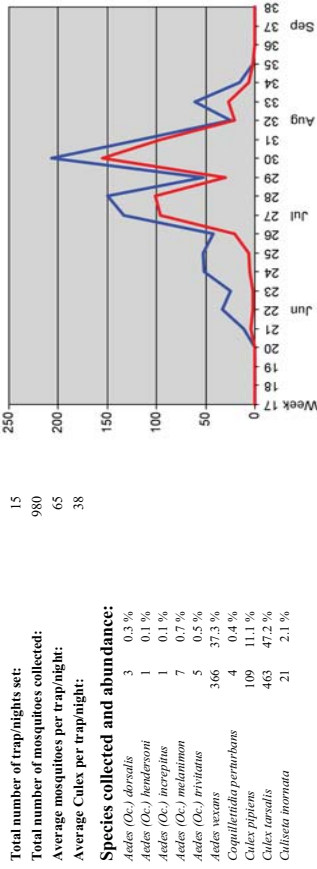
Season: 2010
 Trap Type: Light/CO2
 Location: alley way of 422 Lake Drive
 GPS: N40° 34.160', W105° 4.300'



©2008 Colorado Mosquito Control, Inc.

FC-073: 118 Grant

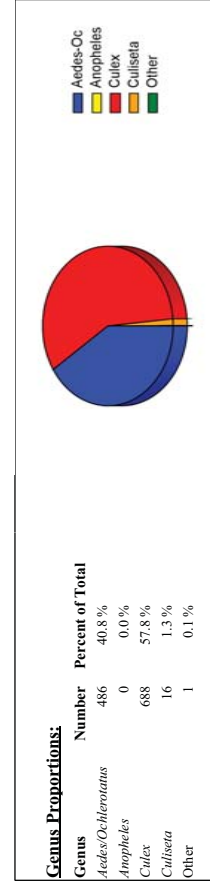
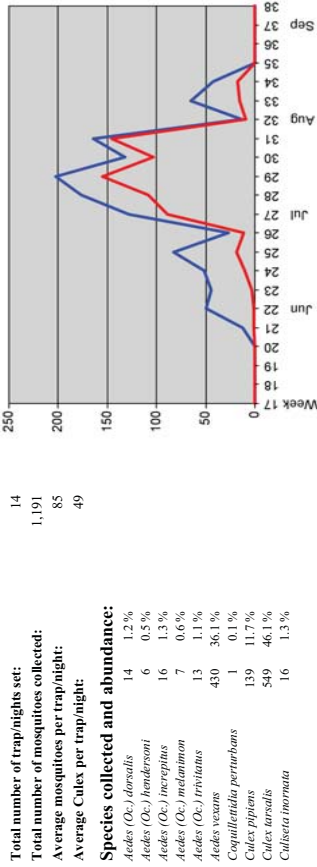
Season: 2010
 Trap Type: Light/CO2
 Location: In alley btwn Oak and Mountain near green shed
 GPS: N40° 35.185', W105° 5.335'



©2008 Colorado Mosquito Control, Inc.

FC-074: Rockcreek

Season: 2010
 Trap Type: Light/CO2
 Location: In trees east of detention basin on Rockcreek
 GPS: N40° 30.855', W105° 0.190'



©2008 Colorado Mosquito Control, Inc.

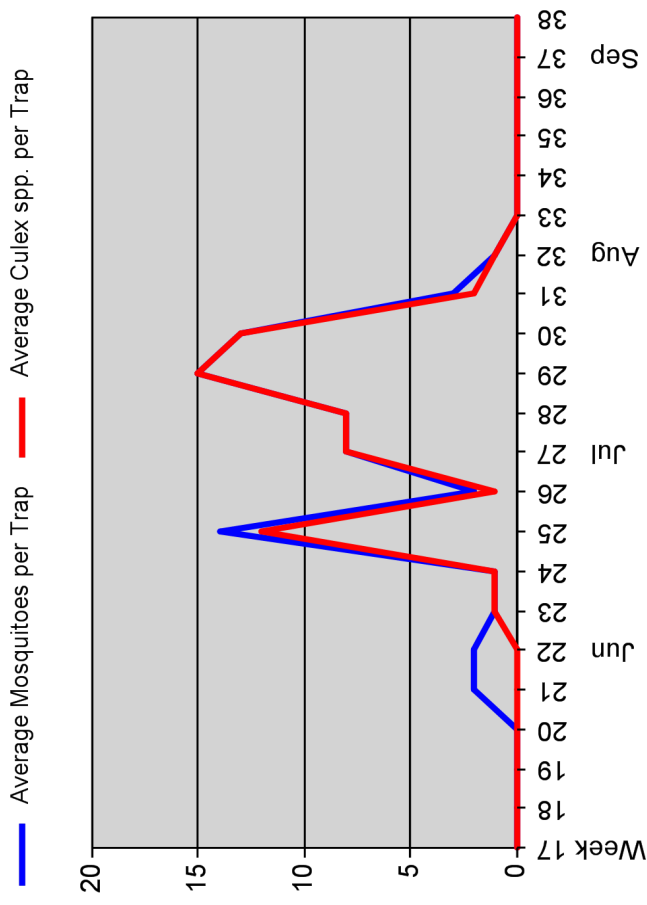
2010 Larimer CDC Gravid Trap Composite Data

Total number of trap/nights set: 56
Total number of mosquitoes collected: 341
Average mosquitoes per trap/night: 6
Average Culex per trap/night: 5

Species collected and abundance:

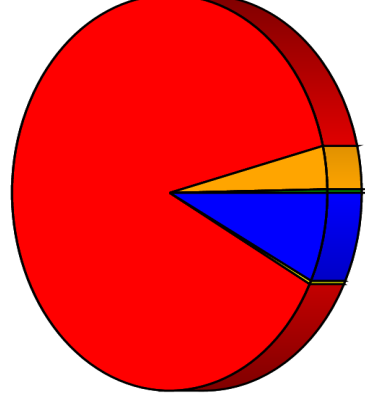
<i>Aedes (Oc.) dorsalis</i>	4	1.2 %
<i>Aedes (Oc.) increpitus</i>	2	0.6 %
<i>Aedes vexans</i>	19	5.6 %
<i>Anopheles spp</i>	1	0.3 %
<i>Coquillettidia perturbans</i>	1	0.3 %
<i>Culex pipiens</i>	256	75.1 %
<i>Culex tarsalis</i>	46	13.5 %
<i>Culiseta inornata</i>	12	3.5 %

Seasonality



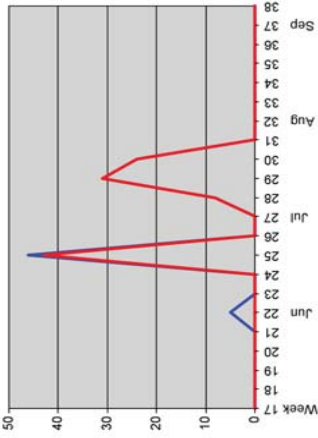
Genus proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	25	7.3 %
<i>Anopheles</i>	1	0.3 %
<i>Culex</i>	302	88.6 %
<i>Culiseta</i>	12	3.5 %
Other	1	0.3 %



FC-029gr: Bens Park

Season: 2010
 Trap Type: Fossil Ridge Park on Fossil Creek Parkway
 Location: N40° 30,680', W105° 4,310'
 GPS: N40° 30,680', W105° 4,310'



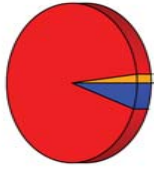
Total number of trap/nights set: 11
 Total number of mosquitoes collected: 114
 Average mosquitoes per trap/night: 10
 Average Culex per trap/night: 10

Species collected and abundance:

Species	Number	Percent
<i>Aedes (Oc.) dorsalis</i>	1	0.9%
<i>Aedes vexans</i>	5	4.4%
<i>Culex pipiens</i>	81	71.1%
<i>Culex tarsalis</i>	25	21.9%
<i>Culiseta inornata</i>	2	1.8%

Genus Proportions:

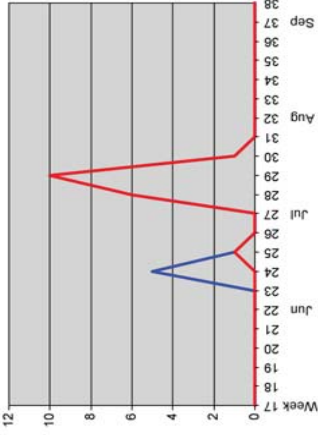
Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	6	5.3%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	106	93.0%
<i>Culiseta</i>	2	1.8%
Other	0	0.0%



©2008 Colorado Mosquito Control, Inc.

FC-033gr: Sage Creek Gravid

Season: 2010
 Trap Type: 5237 Zeigler
 Location: N40° 30,805', W105° 1,210'
 GPS: N40° 30,805', W105° 1,210'



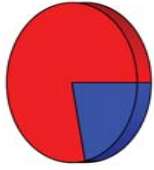
Total number of trap/nights set: 10
 Total number of mosquitoes collected: 23
 Average mosquitoes per trap/night: 2
 Average Culex per trap/night: 2

Species collected and abundance:

Species	Number	Percent
<i>Aedes vexans</i>	5	21.7%
<i>Culex pipiens</i>	5	21.7%
<i>Culex tarsalis</i>	13	56.5%

Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	5	21.7%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	18	78.3%
<i>Culiseta</i>	0	0.0%
Other	0	0.0%



©2008 Colorado Mosquito Control, Inc.

Season: 2010
 Trap Type: Fossil Ridge Park on Fossil Creek Parkway
 Location: N40° 30,680', W105° 4,310'
 GPS: N40° 30,680', W105° 4,310'



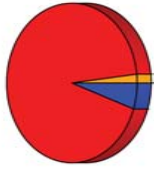
Total number of trap/nights set: 11
 Total number of mosquitoes collected: 114
 Average mosquitoes per trap/night: 10
 Average Culex per trap/night: 10

Species collected and abundance:

Species	Number	Percent
<i>Aedes (Oc.) dorsalis</i>	1	0.9%
<i>Aedes vexans</i>	5	4.4%
<i>Culex pipiens</i>	81	71.1%
<i>Culex tarsalis</i>	25	21.9%
<i>Culiseta inornata</i>	2	1.8%

Genus Proportions:

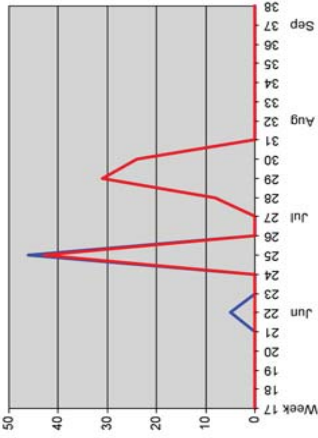
Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	6	5.3%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	106	93.0%
<i>Culiseta</i>	2	1.8%
Other	0	0.0%



©2008 Colorado Mosquito Control, Inc.

FC-029gr: Bens Park

Season: 2010
 Trap Type: Fossil Ridge Park on Fossil Creek Parkway
 Location: N40° 30,680', W105° 4,310'
 GPS: N40° 30,680', W105° 4,310'



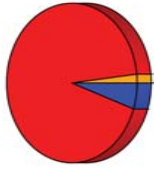
Total number of trap/nights set: 11
 Total number of mosquitoes collected: 114
 Average mosquitoes per trap/night: 10
 Average Culex per trap/night: 10

Species collected and abundance:

Species	Number	Percent
<i>Aedes (Oc.) dorsalis</i>	1	0.9%
<i>Aedes vexans</i>	5	4.4%
<i>Culex pipiens</i>	81	71.1%
<i>Culex tarsalis</i>	25	21.9%
<i>Culiseta inornata</i>	2	1.8%

Genus Proportions:

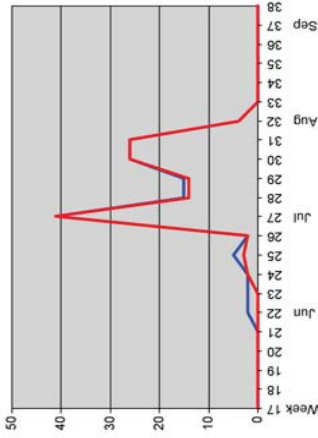
Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	6	5.3%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	106	93.0%
<i>Culiseta</i>	2	1.8%
Other	0	0.0%



©2008 Colorado Mosquito Control, Inc.

FC-040gr: Redwood

Season: 2010
 Trap Type: Redwood and Conifer at Electrical Post
 Location: N40° 36,185', W105° 4,025'
 GPS: N40° 36,185', W105° 4,025'



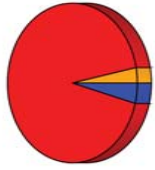
Total number of trap/nights set: 11
 Total number of mosquitoes collected: 97
 Average mosquitoes per trap/night: 9
 Average Culex per trap/night: 8

Species collected and abundance:

Species	Number	Percent
<i>Aedes (Oc.) dorsalis</i>	1	1.0%
<i>Aedes vexans</i>	3	3.1%
<i>Culex pipiens</i>	89	91.8%
<i>Culex tarsalis</i>	1	1.0%
<i>Culiseta inornata</i>	3	3.1%

Genus Proportions:

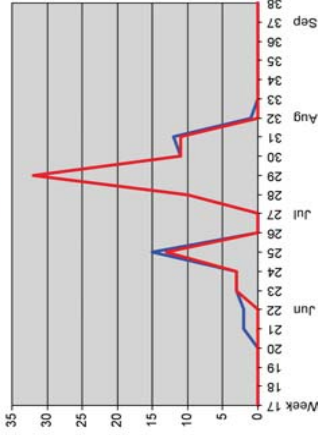
Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	4	4.1%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	90	92.8%
<i>Culiseta</i>	3	3.1%
Other	0	0.0%



©2008 Colorado Mosquito Control, Inc.

FC-063gr: Red Fox Meadows FCNA

Season: 2010
 Trap Type: Red Fox Meadows FCNA @ Heatheridge Apartment
 Location: N40° 33,915', W105° 6,290'
 GPS: N40° 33,915', W105° 6,290'



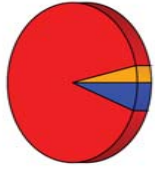
Total number of trap/nights set: 12
 Total number of mosquitoes collected: 88
 Average mosquitoes per trap/night: 7
 Average Culex per trap/night: 7

Species collected and abundance:

Species	Number	Percent
<i>Aedes (Oc.) dorsalis</i>	2	2.3%
<i>Aedes (Oc.) incertipennis</i>	2	2.3%
<i>Aedes vexans</i>	1	1.1%
<i>Culex pipiens</i>	78	88.6%
<i>Culex tarsalis</i>	2	2.3%
<i>Culiseta inornata</i>	3	3.4%

Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	5	5.7%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	80	90.9%
<i>Culiseta</i>	3	3.4%
Other	0	0.0%



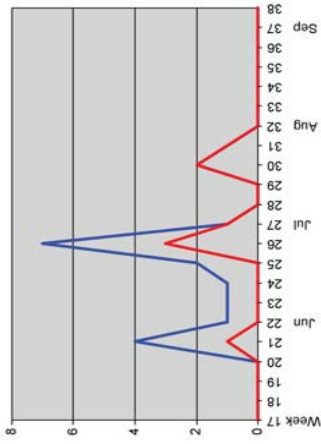
©2008 Colorado Mosquito Control, Inc.

FC-066gr: Prospect Ponds @ Drake Water

Season: 2010

Trap Type: Prospect Ponds @ Drake Water Reclamation Facility
 Location: N40° 33.520', W105° 1.360'
 GPS:

Seasonality



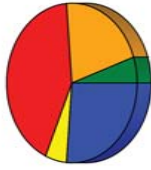
Total number of trap/nights set: 12
 Average mosquitoes per trap/night: 19
 Average Culex per trap/night: 2
 Average Culex per trap/night: 1

Species collected and abundance:

<i>Aedes vexans</i>	5	26.3 %
<i>Anopheles spp</i>	1	5.3 %
<i>Copiatantula perturbans</i>	3	15.8 %
<i>Culex pipiens</i>	5	26.3 %
<i>Culiseta tarsalis</i>	4	21.1 %
<i>Culiseta inornata</i>	4	21.1 %

Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotanus</i>	5	26.3 %
<i>Anopheles</i>	1	5.3 %
<i>Culex</i>	8	42.1 %
<i>Culiseta</i>	4	21.1 %
Other	1	5.3 %



©2008 Colorado Mosquito Control, Inc.



Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-001	LIGHT	Larimer	05/27/2010	Magic Carpet	9	0	0	0	0	9
FC-001	LIGHT	Larimer	06/04/2010	Magic Carpet	9	0	2	1	0	12
FC-001	LIGHT	Larimer	06/11/2010	Magic Carpet	4	0	0	0	0	4
FC-001	LIGHT	Larimer	06/17/2010	Magic Carpet	14	0	2	0	0	16
FC-001	LIGHT	Larimer	06/25/2010	Magic Carpet	136	0	4	1	0	141
FC-001	LIGHT	Larimer	07/02/2010	Magic Carpet	41	0	5	0	0	46
FC-001	LIGHT	Larimer	07/16/2010	Magic Carpet	40	0	8	0	0	48
FC-001	LIGHT	Larimer	07/23/2010	Magic Carpet	4	0	5	0	0	9
FC-001	LIGHT	Larimer	07/30/2010	Magic Carpet	5	0	7	1	0	13
FC-001	LIGHT	Larimer	08/06/2010	Magic Carpet	3	0	9	0	1	13
FC-001	LIGHT	Larimer	08/13/2010	Magic Carpet	1	0	21	0	0	22
FC-001	LIGHT	Larimer	08/20/2010	Magic Carpet	0	0	2	0	0	2
FC-001	LIGHT	Larimer	08/25/2010	Magic Carpet	8	0	10	0	0	18
FC-001	LIGHT	Larimer	09/01/2010	Magic Carpet	3	0	1	0	0	4
FC-001	LIGHT	Larimer	09/08/2010	Magic Carpet	34	1	11	1	0	47
FC-001	LIGHT	Larimer	09/10/2010	Magic Carpet	0	0	0	0	0	0
FC-002	LIGHT	Larimer	06/11/2010	3907 Benthaven	4	0	0	0	0	4
FC-002	LIGHT	Larimer	06/17/2010	3907 Benthaven	7	0	0	1	0	8
FC-002	LIGHT	Larimer	06/25/2010	3907 Benthaven	16	0	1	1	0	18
FC-002	LIGHT	Larimer	07/02/2010	3907 Benthaven	21	0	7	0	0	28
FC-002	LIGHT	Larimer	07/16/2010	3907 Benthaven	7	0	16	0	0	23
FC-002	LIGHT	Larimer	07/23/2010	3907 Benthaven	11	0	16	0	0	27
FC-002	LIGHT	Larimer	07/30/2010	3907 Benthaven	6	0	13	0	0	19
FC-002	LIGHT	Larimer	08/06/2010	3907 Benthaven	2	0	8	0	0	10
FC-002	LIGHT	Larimer	08/13/2010	3907 Benthaven	3	0	9	0	0	12
FC-002	LIGHT	Larimer	08/20/2010	3907 Benthaven	1	0	3	0	0	4
FC-002	LIGHT	Larimer	08/27/2010	3907 Benthaven	5	0	5	0	0	10
FC-002	LIGHT	Larimer	09/10/2010	3907 Benthaven	0	0	0	0	0	0
FC-004	LIGHT	Larimer	05/25/2010	Bighorn Drive	46	0	1	0	0	47
FC-004	LIGHT	Larimer	06/01/2010	Bighorn Drive	18	0	0	0	0	18
FC-004	LIGHT	Larimer	06/08/2010	Bighorn Drive	15	0	1	0	0	16
FC-004	LIGHT	Larimer	06/15/2010	Bighorn Drive	12	0	1	0	0	13
FC-004	LIGHT	Larimer	06/22/2010	Bighorn Drive	36	0	17	0	0	53
FC-004	LIGHT	Larimer	06/29/2010	Bighorn Drive	82	0	52	2	0	136
FC-004	LIGHT	Larimer	06/30/2010	Bighorn Drive	52	0	22	0	0	74
FC-004	LIGHT	Larimer	07/06/2010	Bighorn Drive	45	0	27	0	0	72
FC-004	LIGHT	Larimer	07/07/2010	Bighorn Drive	5	0	16	2	0	23
FC-004	LIGHT	Larimer	07/13/2010	Bighorn Drive	14	0	32	0	0	46
FC-004	LIGHT	Larimer	07/14/2010	Bighorn Drive	17	0	61	0	0	78
FC-004	LIGHT	Larimer	07/20/2010	Bighorn Drive	85	0	37	1	0	123
FC-004	LIGHT	Larimer	07/21/2010	Bighorn Drive	80	0	45	0	0	125
FC-004	LIGHT	Larimer	07/27/2010	Bighorn Drive	99	0	208	0	0	307



Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-004	LIGHT	Larimer	07/28/2010	Bighorn Drive	66	0	227	0	0	293
FC-004	LIGHT	Larimer	08/03/2010	Bighorn Drive	15	0	29	0	0	44
FC-004	LIGHT	Larimer	08/04/2010	Bighorn Drive	9	0	52	0	0	61
FC-004	LIGHT	Larimer	08/10/2010	Bighorn Drive	15	0	39	0	0	54
FC-004	LIGHT	Larimer	08/17/2010	Bighorn Drive	4	0	9	1	0	14
FC-004	LIGHT	Larimer	08/24/2010	Bighorn Drive	10	0	23	0	0	33
FC-004	LIGHT	Larimer	08/31/2010	Bighorn Drive	8	0	0	0	0	8
FC-004	LIGHT	Larimer	09/08/2010	Bighorn Drive	1	0	3	1	0	5
FC-006	LIGHT	Larimer	05/25/2010	North Linden	2	0	0	0	0	2
FC-006	LIGHT	Larimer	06/01/2010	North Linden	55	0	0	0	0	55
FC-006	LIGHT	Larimer	06/08/2010	North Linden	135	0	1	2	0	138
FC-006	LIGHT	Larimer	06/16/2010	North Linden	76	0	1	1	0	78
FC-006	LIGHT	Larimer	06/22/2010	North Linden	194	0	6	0	0	200
FC-006	LIGHT	Larimer	06/29/2010	North Linden	0	0	0	0	0	0
FC-006	LIGHT	Larimer	07/06/2010	North Linden	82	0	15	2	0	99
FC-006	LIGHT	Larimer	07/13/2010	North Linden	88	0	76	3	0	167
FC-006	LIGHT	Larimer	07/20/2010	North Linden	518	0	129	1	2	650
FC-006	LIGHT	Larimer	07/27/2010	North Linden	0	0	0	0	0	0
FC-006	LIGHT	Larimer	08/03/2010	North Linden	157	5	59	3	3	227
FC-006	LIGHT	Larimer	08/10/2010	North Linden	37	3	36	0	1	77
FC-006	LIGHT	Larimer	08/17/2010	North Linden	8	2	11	2	0	23
FC-006	LIGHT	Larimer	08/24/2010	North Linden	369	0	13	2	0	384
FC-006	LIGHT	Larimer	08/31/2010	North Linden	198	0	10	1	0	209
FC-011	LIGHT	Larimer	06/04/2010	Golden Current	52	0	1	0	0	53
FC-011	LIGHT	Larimer	06/09/2010	Golden Current	31	0	1	0	0	32
FC-011	LIGHT	Larimer	06/18/2010	Golden Current	19	0	0	0	0	19
FC-011	LIGHT	Larimer	06/24/2010	Golden Current	31	0	11	0	0	42
FC-011	LIGHT	Larimer	07/01/2010	Golden Current	253	0	3	0	0	256
FC-011	LIGHT	Larimer	07/09/2010	Golden Current	62	0	4	2	0	68
FC-011	LIGHT	Larimer	07/15/2010	Golden Current	89	0	4	2	0	95
FC-011	LIGHT	Larimer	07/22/2010	Golden Current	131	0	16	3	0	150
FC-011	LIGHT	Larimer	07/29/2010	Golden Current	54	0	25	0	0	79
FC-011	LIGHT	Larimer	08/05/2010	Golden Current	11	0	11	0	0	22
FC-011	LIGHT	Larimer	08/12/2010	Golden Current	7	0	4	0	0	11
FC-011	LIGHT	Larimer	08/19/2010	Golden Current	5	0	9	0	0	14
FC-011	LIGHT	Larimer	08/27/2010	Golden Current	12	0	3	0	0	15
FC-011	LIGHT	Larimer	09/03/2010	Golden Current	4	0	1	1	0	6
FC-011	LIGHT	Larimer	09/10/2010	Golden Current	0	0	0	0	0	0
FC-014	LIGHT	Larimer	05/25/2010	Fort Collins Vistors Center	24	0	0	0	0	24
FC-014	LIGHT	Larimer	06/01/2010	Fort Collins Vistors Center	24	0	3	2	0	29
FC-014	LIGHT	Larimer	06/07/2010	Fort Collins Vistors Center	33	0	1	2	0	36
FC-014	LIGHT	Larimer	06/15/2010	Fort Collins Vistors Center	30	0	2	0	0	32



Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-014	LIGHT	Larimer	06/22/2010	Fort Collins Vistors Center	57	0	7	0	0	64
FC-014	LIGHT	Larimer	06/29/2010	Fort Collins Vistors Center	112	0	16	0	0	128
FC-014	LIGHT	Larimer	06/30/2010	Fort Collins Vistors Center	32	0	17	2	0	51
FC-014	LIGHT	Larimer	07/06/2010	Fort Collins Vistors Center	16	0	5	0	0	21
FC-014	LIGHT	Larimer	07/07/2010	Fort Collins Vistors Center	1	0	3	1	0	5
FC-014	LIGHT	Larimer	07/13/2010	Fort Collins Vistors Center	46	0	46	4	0	96
FC-014	LIGHT	Larimer	07/14/2010	Fort Collins Vistors Center	36	0	23	0	0	59
FC-014	LIGHT	Larimer	07/20/2010	Fort Collins Vistors Center	95	0	76	1	2	174
FC-014	LIGHT	Larimer	07/21/2010	Fort Collins Vistors Center	97	0	55	1	0	153
FC-014	LIGHT	Larimer	07/27/2010	Fort Collins Vistors Center	13	0	15	0	0	28
FC-014	LIGHT	Larimer	07/28/2010	Fort Collins Vistors Center	8	0	20	0	0	28
FC-014	LIGHT	Larimer	08/03/2010	Fort Collins Vistors Center	20	0	61	0	0	81
FC-014	LIGHT	Larimer	08/04/2010	Fort Collins Vistors Center	11	0	23	3	0	37
FC-014	LIGHT	Larimer	08/10/2010	Fort Collins Vistors Center	6	0	11	0	0	17
FC-014	LIGHT	Larimer	08/17/2010	Fort Collins Vistors Center	4	0	6	0	0	10
FC-014	LIGHT	Larimer	08/24/2010	Fort Collins Vistors Center	7	0	9	1	0	17
FC-014	LIGHT	Larimer	08/31/2010	Fort Collins Vistors Center	4	0	3	0	0	7
FC-014	LIGHT	Larimer	09/08/2010	Fort Collins Vistors Center	2	0	1	0	0	3
FC-015	LIGHT	Larimer	06/03/2010	Stuart and Dorset	6	0	0	0	0	6
FC-015	LIGHT	Larimer	06/09/2010	Stuart and Dorset	41	0	0	0	0	41
FC-015	LIGHT	Larimer	06/18/2010	Stuart and Dorset	11	0	1	0	0	12
FC-015	LIGHT	Larimer	06/24/2010	Stuart and Dorset	10	0	1	3	0	14
FC-015	LIGHT	Larimer	07/01/2010	Stuart and Dorset	45	0	2	2	0	49
FC-015	LIGHT	Larimer	07/09/2010	Stuart and Dorset	3	0	6	1	0	10
FC-015	LIGHT	Larimer	07/15/2010	Stuart and Dorset	12	0	23	1	0	36
FC-015	LIGHT	Larimer	07/22/2010	Stuart and Dorset	12	0	36	0	0	48
FC-015	LIGHT	Larimer	07/29/2010	Stuart and Dorset	6	0	12	0	0	18
FC-015	LIGHT	Larimer	08/05/2010	Stuart and Dorset	2	0	20	1	0	23
FC-015	LIGHT	Larimer	08/12/2010	Stuart and Dorset	22	0	21	0	0	43
FC-015	LIGHT	Larimer	08/19/2010	Stuart and Dorset	4	0	8	0	0	12
FC-019	LIGHT	Larimer	05/25/2010	Edora Park	2	0	0	0	0	2
FC-019	LIGHT	Larimer	06/01/2010	Edora Park	51	0	0	2	0	53
FC-019	LIGHT	Larimer	06/09/2010	Edora Park	43	0	1	1	0	45
FC-019	LIGHT	Larimer	06/16/2010	Edora Park	71	0	1	1	0	73
FC-019	LIGHT	Larimer	06/22/2010	Edora Park	81	0	4	0	0	85
FC-019	LIGHT	Larimer	06/29/2010	Edora Park	91	0	24	2	3	120
FC-019	LIGHT	Larimer	07/06/2010	Edora Park	31	0	9	1	0	41
FC-019	LIGHT	Larimer	07/13/2010	Edora Park	68	0	20	9	0	97
FC-019	LIGHT	Larimer	07/20/2010	Edora Park	38	0	43	1	0	82
FC-019	LIGHT	Larimer	07/27/2010	Edora Park	32	0	65	4	1	102
FC-019	LIGHT	Larimer	08/03/2010	Edora Park	39	0	74	3	1	117
FC-019	LIGHT	Larimer	08/10/2010	Edora Park	10	0	42	1	1	54



Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-019	LIGHT	Larimer	08/17/2010	Edora Park	0	0	2	0	0	2
FC-019	LIGHT	Larimer	08/24/2010	Edora Park	22	0	13	1	0	36
FC-019	LIGHT	Larimer	08/31/2010	Edora Park	17	0	5	0	0	22
FC-019	LIGHT	Larimer	09/08/2010	Edora Park	1	0	0	5	0	6
FC-023	LIGHT	Larimer	05/27/2010	Boltz	20	0	0	0	0	20
FC-023	LIGHT	Larimer	06/03/2010	Boltz	21	0	0	2	0	23
FC-023	LIGHT	Larimer	06/09/2010	Boltz	5	0	0	0	0	5
FC-023	LIGHT	Larimer	06/17/2010	Boltz	28	0	0	1	0	29
FC-023	LIGHT	Larimer	06/23/2010	Boltz	19	0	0	1	0	20
FC-023	LIGHT	Larimer	06/30/2010	Boltz	25	0	4	1	0	30
FC-023	LIGHT	Larimer	07/07/2010	Boltz	8	0	6	1	0	15
FC-023	LIGHT	Larimer	07/14/2010	Boltz	0	0	0	0	0	0
FC-023	LIGHT	Larimer	07/15/2010	Boltz	17	0	9	3	0	29
FC-023	LIGHT	Larimer	07/21/2010	Boltz	49	0	9	0	0	58
FC-023	LIGHT	Larimer	07/28/2010	Boltz	12	0	45	0	0	57
FC-023	LIGHT	Larimer	08/04/2010	Boltz	17	0	29	2	0	48
FC-023	LIGHT	Larimer	08/11/2010	Boltz	8	0	20	1	0	29
FC-023	LIGHT	Larimer	08/18/2010	Boltz	8	0	17	1	0	26
FC-023	LIGHT	Larimer	08/25/2010	Boltz	11	0	13	1	0	25
FC-023	LIGHT	Larimer	09/01/2010	Boltz	4	0	2	1	0	7
FC-023	LIGHT	Larimer	09/10/2010	Boltz	0	0	0	0	0	0
FC-027	LIGHT	Larimer	05/25/2010	San Luis	0	0	0	0	0	0
FC-027	LIGHT	Larimer	05/27/2010	San Luis	120	0	0	0	0	120
FC-027	LIGHT	Larimer	06/03/2010	San Luis	107	0	1	0	0	108
FC-027	LIGHT	Larimer	06/09/2010	San Luis	177	0	2	2	0	181
FC-027	LIGHT	Larimer	06/17/2010	San Luis	190	0	20	3	0	213
FC-027	LIGHT	Larimer	06/23/2010	San Luis	291	0	87	5	0	383
FC-027	LIGHT	Larimer	06/30/2010	San Luis	109	0	99	4	0	212
FC-027	LIGHT	Larimer	07/07/2010	San Luis	10	0	40	1	0	51
FC-027	LIGHT	Larimer	07/14/2010	San Luis	262	0	148	0	0	410
FC-027	LIGHT	Larimer	07/21/2010	San Luis	308	0	118	0	1	427
FC-027	LIGHT	Larimer	07/28/2010	San Luis	44	0	68	0	0	112
FC-027	LIGHT	Larimer	08/04/2010	San Luis	50	0	93	0	0	143
FC-027	LIGHT	Larimer	08/11/2010	San Luis	0	0	8	0	0	8
FC-027	LIGHT	Larimer	08/18/2010	San Luis	23	0	29	1	0	53
FC-027	LIGHT	Larimer	08/25/2010	San Luis	0	0	0	0	0	0
FC-027	LIGHT	Larimer	09/01/2010	San Luis	5	0	5	1	0	11
FC-029	LIGHT	Larimer	05/27/2010	Bens Park	25	0	0	0	0	25
FC-029	LIGHT	Larimer	06/04/2010	Bens Park	9	0	0	0	0	9
FC-029	LIGHT	Larimer	06/11/2010	Bens Park	18	0	1	0	0	19
FC-029	LIGHT	Larimer	06/17/2010	Bens Park	0	0	0	0	0	0
FC-029	LIGHT	Larimer	06/25/2010	Bens Park	104	0	2	0	0	106



Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-029	LIGHT	Larimer	07/02/2010	Bens Park	0	0	0	0	0	0
FC-029	LIGHT	Larimer	07/16/2010	Bens Park	47	0	14	0	0	61
FC-029	LIGHT	Larimer	07/23/2010	Bens Park	12	0	30	1	0	43
FC-029	LIGHT	Larimer	07/30/2010	Bens Park	17	0	25	1	0	43
FC-029	LIGHT	Larimer	08/06/2010	Bens Park	5	0	6	0	0	11
FC-029	LIGHT	Larimer	08/13/2010	Bens Park	14	0	18	0	0	32
FC-029	LIGHT	Larimer	08/20/2010	Bens Park	5	0	1	0	0	6
FC-029	LIGHT	Larimer	08/27/2010	Bens Park	2	0	1	0	0	3
FC-029	LIGHT	Larimer	09/03/2010	Bens Park	4	0	0	0	0	4
FC-029	LIGHT	Larimer	09/10/2010	Bens Park	0	0	1	0	0	1
FC-031	LIGHT	Larimer	05/27/2010	Willow Spings	14	0	0	1	0	15
FC-031	LIGHT	Larimer	06/03/2010	Willow Spings	10	0	0	7	0	17
FC-031	LIGHT	Larimer	06/09/2010	Willow Spings	5	0	1	1	0	7
FC-031	LIGHT	Larimer	06/17/2010	Willow Spings	37	0	2	3	0	42
FC-031	LIGHT	Larimer	06/23/2010	Willow Spings	12	0	10	0	0	22
FC-031	LIGHT	Larimer	06/30/2010	Willow Spings	98	0	22	2	0	122
FC-031	LIGHT	Larimer	07/07/2010	Willow Spings	4	0	9	0	0	13
FC-031	LIGHT	Larimer	07/14/2010	Willow Spings	88	0	34	0	1	123
FC-031	LIGHT	Larimer	07/21/2010	Willow Spings	133	0	39	1	2	175
FC-031	LIGHT	Larimer	07/28/2010	Willow Spings	27	0	55	1	0	83
FC-031	LIGHT	Larimer	08/04/2010	Willow Spings	33	0	56	0	0	89
FC-031	LIGHT	Larimer	08/11/2010	Willow Spings	30	0	50	7	0	87
FC-031	LIGHT	Larimer	08/18/2010	Willow Spings	36	0	22	4	0	62
FC-031	LIGHT	Larimer	08/25/2010	Willow Spings	7	0	7	0	0	14
FC-031	LIGHT	Larimer	09/01/2010	Willow Spings	16	0	4	3	0	23
FC-031	LIGHT	Larimer	09/08/2010	Willow Spings	7	0	1	0	0	8
FC-033	LIGHT	Larimer	06/03/2010	Sage Creek	3	0	0	0	0	3
FC-033	LIGHT	Larimer	06/09/2010	Sage Creek	9	0	0	1	0	10
FC-033	LIGHT	Larimer	06/17/2010	Sage Creek	11	0	2	6	0	19
FC-033	LIGHT	Larimer	06/23/2010	Sage Creek	3	0	10	0	0	13
FC-033	LIGHT	Larimer	06/30/2010	Sage Creek	30	0	4	0	0	34
FC-033	LIGHT	Larimer	07/07/2010	Sage Creek	2	0	6	0	0	8
FC-033	LIGHT	Larimer	07/14/2010	Sage Creek	49	0	24	0	0	73
FC-033	LIGHT	Larimer	07/21/2010	Sage Creek	19	0	7	0	0	26
FC-033	LIGHT	Larimer	07/28/2010	Sage Creek	4	0	14	0	0	18
FC-033	LIGHT	Larimer	08/04/2010	Sage Creek	6	0	5	0	0	11
FC-033	LIGHT	Larimer	08/11/2010	Sage Creek	4	0	29	0	0	33
FC-033	LIGHT	Larimer	08/18/2010	Sage Creek	22	0	5	0	0	27
FC-033	LIGHT	Larimer	08/25/2010	Sage Creek	7	0	8	0	0	15
FC-033	LIGHT	Larimer	09/01/2010	Sage Creek	6	0	6	0	0	12
FC-034	LIGHT	Larimer	05/25/2010	Country Club	145	0	0	3	0	148
FC-034	LIGHT	Larimer	06/01/2010	Country Club	0	0	0	0	0	0



Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-034	LIGHT	Larimer	06/08/2010	Country Club	15	0	4	1	0	20
FC-034	LIGHT	Larimer	06/16/2010	Country Club	161	0	3	0	0	164
FC-034	LIGHT	Larimer	06/22/2010	Country Club	108	0	7	0	0	115
FC-034	LIGHT	Larimer	06/29/2010	Country Club	292	0	19	1	1	313
FC-034	LIGHT	Larimer	07/06/2010	Country Club	41	0	50	0	0	91
FC-034	LIGHT	Larimer	07/13/2010	Country Club	35	0	197	2	6	240
FC-034	LIGHT	Larimer	07/20/2010	Country Club	258	0	90	0	3	351
FC-034	LIGHT	Larimer	07/27/2010	Country Club	350	0	145	0	0	495
FC-034	LIGHT	Larimer	08/03/2010	Country Club	62	0	97	0	0	159
FC-034	LIGHT	Larimer	08/10/2010	Country Club	38	0	36	0	0	74
FC-034	LIGHT	Larimer	08/17/2010	Country Club	13	0	9	1	0	23
FC-034	LIGHT	Larimer	08/24/2010	Country Club	11	0	21	3	0	35
FC-034	LIGHT	Larimer	08/31/2010	Country Club	10	0	9	1	0	20
FC-034	LIGHT	Larimer	09/08/2010	Country Club	4	0	2	4	0	10
FC-036	LIGHT	Larimer	05/25/2010	Hemlock	2	0	0	0	0	2
FC-036	LIGHT	Larimer	06/01/2010	Hemlock	235	0	1	0	0	236
FC-036	LIGHT	Larimer	06/08/2010	Hemlock	0	0	0	0	0	0
FC-036	LIGHT	Larimer	06/09/2010	Hemlock	340	0	8	1	0	349
FC-036	LIGHT	Larimer	06/16/2010	Hemlock	153	0	5	0	0	158
FC-036	LIGHT	Larimer	06/22/2010	Hemlock	270	0	24	1	0	295
FC-036	LIGHT	Larimer	06/29/2010	Hemlock	23	0	3	1	0	27
FC-036	LIGHT	Larimer	07/06/2010	Hemlock	143	0	42	11	0	196
FC-036	LIGHT	Larimer	07/13/2010	Hemlock	69	0	174	1	0	244
FC-036	LIGHT	Larimer	07/20/2010	Hemlock	385	0	604	0	0	989
FC-036	LIGHT	Larimer	07/27/2010	Hemlock	278	0	253	2	0	533
FC-036	LIGHT	Larimer	08/03/2010	Hemlock	221	0	210	1	0	432
FC-036	LIGHT	Larimer	08/10/2010	Hemlock	109	0	92	4	0	205
FC-036	LIGHT	Larimer	08/17/2010	Hemlock	51	0	15	0	0	66
FC-036	LIGHT	Larimer	08/24/2010	Hemlock	77	0	60	0	0	137
FC-036	LIGHT	Larimer	08/31/2010	Hemlock	96	0	16	1	0	113
FC-036	LIGHT	Larimer	09/08/2010	Hemlock	19	0	8	5	0	32
FC-037	LIGHT	Larimer	06/11/2010	Chelsea Ridge	24	0	0	1	0	25
FC-037	LIGHT	Larimer	06/18/2010	Chelsea Ridge	20	0	0	1	0	21
FC-037	LIGHT	Larimer	06/25/2010	Chelsea Ridge	39	0	5	0	0	44
FC-037	LIGHT	Larimer	07/02/2010	Chelsea Ridge	191	0	14	1	0	206
FC-037	LIGHT	Larimer	07/16/2010	Chelsea Ridge	15	0	13	0	0	28
FC-037	LIGHT	Larimer	07/23/2010	Chelsea Ridge	84	0	22	0	0	106
FC-037	LIGHT	Larimer	07/30/2010	Chelsea Ridge	15	0	36	1	0	52
FC-037	LIGHT	Larimer	08/06/2010	Chelsea Ridge	13	0	36	0	1	50
FC-037	LIGHT	Larimer	08/13/2010	Chelsea Ridge	11	0	8	0	0	19
FC-037	LIGHT	Larimer	08/20/2010	Chelsea Ridge	34	0	14	2	0	50
FC-037	LIGHT	Larimer	08/27/2010	Chelsea Ridge	6	0	5	0	0	11



Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-037	LIGHT	Larimer	09/03/2010	Chelsea Ridge	23	0	1	2	0	26
FC-038	LIGHT	Larimer	05/25/2010	Lockside Lane	15	0	0	0	0	15
FC-038	LIGHT	Larimer	06/01/2010	Lockside Lane	63	0	0	1	0	64
FC-038	LIGHT	Larimer	06/08/2010	Lockside Lane	12	0	2	1	0	15
FC-038	LIGHT	Larimer	06/16/2010	Lockside Lane	22	0	0	0	0	22
FC-038	LIGHT	Larimer	06/22/2010	Lockside Lane	10	0	0	0	0	10
FC-038	LIGHT	Larimer	06/29/2010	Lockside Lane	100	0	12	0	0	112
FC-038	LIGHT	Larimer	07/06/2010	Lockside Lane	13	0	15	0	1	29
FC-038	LIGHT	Larimer	07/13/2010	Lockside Lane	47	0	38	1	0	86
FC-038	LIGHT	Larimer	07/20/2010	Lockside Lane	58	0	28	0	0	86
FC-038	LIGHT	Larimer	07/27/2010	Lockside Lane	28	0	36	0	0	64
FC-038	LIGHT	Larimer	08/03/2010	Lockside Lane	29	0	44	1	0	74
FC-038	LIGHT	Larimer	08/10/2010	Lockside Lane	7	0	24	0	0	31
FC-038	LIGHT	Larimer	08/17/2010	Lockside Lane	2	0	8	1	0	11
FC-038	LIGHT	Larimer	08/24/2010	Lockside Lane	6	0	10	0	0	16
FC-038	LIGHT	Larimer	08/31/2010	Lockside Lane	4	0	27	1	0	32
FC-039	LIGHT	Larimer	05/25/2010	Fossil Creek South (Green	10	0	0	2	0	12
FC-039	LIGHT	Larimer	06/03/2010	Fossil Creek South (Green	59	0	2	14	0	75
FC-039	LIGHT	Larimer	06/11/2010	Fossil Creek South (Green	213	0	10	18	0	241
FC-039	LIGHT	Larimer	06/16/2010	Fossil Creek South (Green	8	0	0	0	0	8
FC-039	LIGHT	Larimer	06/23/2010	Fossil Creek South (Green	77	0	47	58	0	182
FC-039	LIGHT	Larimer	06/30/2010	Fossil Creek South (Green	161	0	44	6	0	211
FC-039	LIGHT	Larimer	07/07/2010	Fossil Creek South (Green	18	0	42	9	0	69
FC-039	LIGHT	Larimer	07/14/2010	Fossil Creek South (Green	111	0	113	2	1	227
FC-039	LIGHT	Larimer	07/21/2010	Fossil Creek South (Green	49	0	64	1	0	114
FC-039	LIGHT	Larimer	07/28/2010	Fossil Creek South (Green	60	0	83	0	0	143
FC-039	LIGHT	Larimer	08/04/2010	Fossil Creek South (Green	19	0	24	0	0	43
FC-039	LIGHT	Larimer	08/11/2010	Fossil Creek South (Green	5	0	14	0	0	19
FC-039	LIGHT	Larimer	08/18/2010	Fossil Creek South (Green	112	0	32	4	1	149
FC-039	LIGHT	Larimer	08/25/2010	Fossil Creek South (Green	20	0	21	2	0	43
FC-039	LIGHT	Larimer	09/01/2010	Fossil Creek South (Green	9	0	21	1	0	31
FC-039	LIGHT	Larimer	09/08/2010	Fossil Creek South (Green	8	0	4	2	0	14
FC-040	LIGHT	Larimer	05/25/2010	Redwood	63	0	0	0	0	63
FC-040	LIGHT	Larimer	06/01/2010	Redwood	20	0	0	1	0	21
FC-040	LIGHT	Larimer	06/08/2010	Redwood	43	0	3	0	0	46
FC-040	LIGHT	Larimer	06/16/2010	Redwood	85	0	4	4	0	93
FC-040	LIGHT	Larimer	06/22/2010	Redwood	92	0	22	3	0	117
FC-040	LIGHT	Larimer	06/29/2010	Redwood	4	0	0	0	0	4
FC-040	LIGHT	Larimer	07/06/2010	Redwood	26	0	5	1	0	32
FC-040	LIGHT	Larimer	07/13/2010	Redwood	187	0	177	9	0	373
FC-040	LIGHT	Larimer	07/20/2010	Redwood	177	0	195	2	0	374
FC-040	LIGHT	Larimer	07/27/2010	Redwood	220	0	260	9	1	490



Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-040	LIGHT	Larimer	08/03/2010	Redwood	57	0	107	1	0	165
FC-040	LIGHT	Larimer	08/10/2010	Redwood	34	0	107	6	0	147
FC-040	LIGHT	Larimer	08/17/2010	Redwood	8	0	41	3	0	52
FC-040	LIGHT	Larimer	08/24/2010	Redwood	101	0	17	4	0	122
FC-040	LIGHT	Larimer	08/31/2010	Redwood	29	0	10	3	0	42
FC-040	LIGHT	Larimer	09/08/2010	Redwood	1	0	2	1	0	4
FC-041	LIGHT	Larimer	06/04/2010	Fishback	7	0	1	0	0	8
FC-041	LIGHT	Larimer	06/09/2010	Fishback	41	0	0	1	0	42
FC-041	LIGHT	Larimer	06/18/2010	Fishback	27	0	1	0	0	28
FC-041	LIGHT	Larimer	06/24/2010	Fishback	37	0	4	4	0	45
FC-041	LIGHT	Larimer	07/01/2010	Fishback	97	0	7	4	0	108
FC-041	LIGHT	Larimer	07/09/2010	Fishback	17	0	18	3	0	38
FC-041	LIGHT	Larimer	07/15/2010	Fishback	47	0	76	2	0	125
FC-041	LIGHT	Larimer	07/22/2010	Fishback	55	0	68	2	0	125
FC-041	LIGHT	Larimer	07/29/2010	Fishback	38	0	61	1	0	100
FC-041	LIGHT	Larimer	08/05/2010	Fishback	47	0	92	2	0	141
FC-041	LIGHT	Larimer	08/12/2010	Fishback	42	0	153	2	0	197
FC-041	LIGHT	Larimer	08/19/2010	Fishback	28	0	82	1	0	111
FC-041	LIGHT	Larimer	08/27/2010	Fishback	11	0	44	3	0	58
FC-041	LIGHT	Larimer	09/03/2010	Fishback	44	0	8	2	0	54
FC-041	LIGHT	Larimer	09/10/2010	Fishback	4	0	9	0	0	13
FC-041	LIGHT	Larimer	09/14/2010	Fishback	3	0	3	2	0	8
FC-046	LIGHT	Larimer	06/09/2010	725 Westshore Court	13	0	0	0	0	13
FC-046	LIGHT	Larimer	06/17/2010	725 Westshore Court	21	0	0	0	0	21
FC-046	LIGHT	Larimer	06/23/2010	725 Westshore Court	11	0	0	1	0	12
FC-046	LIGHT	Larimer	06/30/2010	725 Westshore Court	45	0	3	1	0	49
FC-046	LIGHT	Larimer	07/07/2010	725 Westshore Court	4	0	2	0	0	6
FC-046	LIGHT	Larimer	07/14/2010	725 Westshore Court	13	0	8	0	0	21
FC-046	LIGHT	Larimer	07/21/2010	725 Westshore Court	27	0	14	0	0	41
FC-046	LIGHT	Larimer	07/28/2010	725 Westshore Court	0	0	0	0	0	0
FC-046	LIGHT	Larimer	08/04/2010	725 Westshore Court	12	0	20	1	0	33
FC-046	LIGHT	Larimer	08/11/2010	725 Westshore Court	9	0	16	0	0	25
FC-046	LIGHT	Larimer	08/18/2010	725 Westshore Court	8	0	9	0	0	17
FC-046	LIGHT	Larimer	08/25/2010	725 Westshore Court	9	0	4	0	0	13
FC-046	LIGHT	Larimer	09/01/2010	725 Westshore Court	3	0	0	0	0	3
FC-047	LIGHT	Larimer	06/03/2010	Keenland & Twin Oak	1	0	0	0	0	1
FC-047	LIGHT	Larimer	06/09/2010	Keenland & Twin Oak	1	0	0	0	0	1
FC-047	LIGHT	Larimer	06/17/2010	Keenland & Twin Oak	0	0	0	0	0	0
FC-047	LIGHT	Larimer	06/23/2010	Keenland & Twin Oak	5	0	2	0	0	7
FC-047	LIGHT	Larimer	06/30/2010	Keenland & Twin Oak	9	0	3	0	0	12
FC-047	LIGHT	Larimer	07/07/2010	Keenland & Twin Oak	6	0	3	0	0	9
FC-047	LIGHT	Larimer	07/14/2010	Keenland & Twin Oak	0	0	0	0	0	0



Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-047	LIGHT	Larimer	07/21/2010	Keenland & Twin Oak	11	0	22	0	0	33
FC-047	LIGHT	Larimer	07/28/2010	Keenland & Twin Oak	15	0	114	1	0	130
FC-047	LIGHT	Larimer	08/04/2010	Keenland & Twin Oak	0	0	2	0	0	2
FC-047	LIGHT	Larimer	08/11/2010	Keenland & Twin Oak	0	0	7	0	0	7
FC-047	LIGHT	Larimer	08/18/2010	Keenland & Twin Oak	13	0	9	0	0	22
FC-047	LIGHT	Larimer	08/25/2010	Keenland & Twin Oak	5	0	4	0	0	9
FC-047	LIGHT	Larimer	09/01/2010	Keenland & Twin Oak	9	0	5	0	0	14
FC-047	LIGHT	Larimer	09/10/2010	Keenland & Twin Oak	0	0	0	0	0	0
FC-049	LIGHT	Larimer	06/03/2010	Casa Grande and Downin	0	0	0	0	0	0
FC-049	LIGHT	Larimer	06/09/2010	Casa Grande and Downin	10	0	0	0	0	10
FC-049	LIGHT	Larimer	06/18/2010	Casa Grande and Downin	12	0	0	1	0	13
FC-049	LIGHT	Larimer	06/24/2010	Casa Grande and Downin	10	0	2	0	0	12
FC-049	LIGHT	Larimer	07/01/2010	Casa Grande and Downin	37	0	8	1	0	46
FC-049	LIGHT	Larimer	07/09/2010	Casa Grande and Downin	0	0	0	1	0	1
FC-049	LIGHT	Larimer	07/15/2010	Casa Grande and Downin	2	0	19	2	0	23
FC-049	LIGHT	Larimer	07/22/2010	Casa Grande and Downin	13	0	14	0	0	27
FC-049	LIGHT	Larimer	07/29/2010	Casa Grande and Downin	3	0	8	0	0	11
FC-049	LIGHT	Larimer	08/05/2010	Casa Grande and Downin	1	0	6	0	0	7
FC-049	LIGHT	Larimer	08/12/2010	Casa Grande and Downin	0	0	0	0	0	0
FC-049	LIGHT	Larimer	08/19/2010	Casa Grande and Downin	3	0	6	0	0	9
FC-049	LIGHT	Larimer	08/27/2010	Casa Grande and Downin	0	0	0	0	0	0
FC-049	LIGHT	Larimer	09/03/2010	Casa Grande and Downin	2	0	1	0	0	3
FC-050	LIGHT	Larimer	06/09/2010	Golden Meadows Ditch	4	0	0	0	0	4
FC-050	LIGHT	Larimer	06/17/2010	Golden Meadows Ditch	15	0	1	1	0	17
FC-050	LIGHT	Larimer	06/23/2010	Golden Meadows Ditch	12	0	4	3	0	19
FC-050	LIGHT	Larimer	06/30/2010	Golden Meadows Ditch	18	0	5	2	0	25
FC-050	LIGHT	Larimer	07/07/2010	Golden Meadows Ditch	2	0	10	0	0	12
FC-050	LIGHT	Larimer	07/14/2010	Golden Meadows Ditch	0	0	0	0	0	0
FC-050	LIGHT	Larimer	07/21/2010	Golden Meadows Ditch	76	0	17	1	0	94
FC-050	LIGHT	Larimer	07/28/2010	Golden Meadows Ditch	33	0	91	3	0	127
FC-050	LIGHT	Larimer	08/04/2010	Golden Meadows Ditch	9	0	31	0	0	40
FC-050	LIGHT	Larimer	08/11/2010	Golden Meadows Ditch	6	0	29	2	0	37
FC-050	LIGHT	Larimer	08/18/2010	Golden Meadows Ditch	6	0	11	1	0	18
FC-050	LIGHT	Larimer	08/25/2010	Golden Meadows Ditch	0	0	0	0	0	0
FC-050	LIGHT	Larimer	09/01/2010	Golden Meadows Ditch	1	0	2	0	0	3
FC-052	LIGHT	Larimer	05/27/2010	603 Gilgalad Way	5	0	0	0	0	5
FC-052	LIGHT	Larimer	06/04/2010	603 Gilgalad Way	4	0	0	0	0	4
FC-052	LIGHT	Larimer	06/09/2010	603 Gilgalad Way	73	0	0	2	0	75
FC-052	LIGHT	Larimer	06/18/2010	603 Gilgalad Way	0	0	0	0	0	0
FC-052	LIGHT	Larimer	06/24/2010	603 Gilgalad Way	7	0	0	0	0	7
FC-052	LIGHT	Larimer	07/01/2010	603 Gilgalad Way	38	0	5	5	0	48
FC-052	LIGHT	Larimer	07/09/2010	603 Gilgalad Way	2	0	1	1	0	4



Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-052	LIGHT	Larimer	07/15/2010	603 Gilgalad Way	35	0	13	5	0	53
FC-052	LIGHT	Larimer	07/22/2010	603 Gilgalad Way	109	0	30	6	0	145
FC-052	LIGHT	Larimer	07/29/2010	603 Gilgalad Way	27	0	7	1	0	35
FC-052	LIGHT	Larimer	08/05/2010	603 Gilgalad Way	2	0	0	0	0	2
FC-052	LIGHT	Larimer	08/12/2010	603 Gilgalad Way	8	0	14	0	0	22
FC-052	LIGHT	Larimer	08/19/2010	603 Gilgalad Way	13	0	8	1	0	22
FC-052	LIGHT	Larimer	08/27/2010	603 Gilgalad Way	3	0	6	0	0	9
FC-052	LIGHT	Larimer	09/03/2010	603 Gilgalad Way	1	0	0	0	0	1
FC-052	LIGHT	Larimer	09/10/2010	603 Gilgalad Way	0	0	1	0	0	1
FC-053	LIGHT	Larimer	05/25/2010	Egret and Rookery	6	0	4	0	0	10
FC-053	LIGHT	Larimer	06/01/2010	Egret and Rookery	27	0	1	24	0	52
FC-053	LIGHT	Larimer	06/08/2010	Egret and Rookery	10	0	6	8	0	24
FC-053	LIGHT	Larimer	06/15/2010	Egret and Rookery	25	0	9	8	0	42
FC-053	LIGHT	Larimer	06/22/2010	Egret and Rookery	153	0	72	5	0	230
FC-053	LIGHT	Larimer	06/29/2010	Egret and Rookery	260	0	59	0	0	319
FC-053	LIGHT	Larimer	06/30/2010	Egret and Rookery	218	0	73	0	0	291
FC-053	LIGHT	Larimer	07/06/2010	Egret and Rookery	74	0	102	0	0	176
FC-053	LIGHT	Larimer	07/07/2010	Egret and Rookery	49	0	142	1	0	192
FC-053	LIGHT	Larimer	07/13/2010	Egret and Rookery	96	0	193	2	0	291
FC-053	LIGHT	Larimer	07/14/2010	Egret and Rookery	146	0	164	0	0	310
FC-053	LIGHT	Larimer	07/20/2010	Egret and Rookery	103	0	367	2	0	472
FC-053	LIGHT	Larimer	07/21/2010	Egret and Rookery	95	0	263	1	0	359
FC-053	LIGHT	Larimer	07/27/2010	Egret and Rookery	56	0	211	0	0	267
FC-053	LIGHT	Larimer	07/28/2010	Egret and Rookery	74	0	244	0	0	318
FC-053	LIGHT	Larimer	08/03/2010	Egret and Rookery	30	0	66	2	0	98
FC-053	LIGHT	Larimer	08/04/2010	Egret and Rookery	24	0	101	0	0	125
FC-053	LIGHT	Larimer	08/10/2010	Egret and Rookery	0	0	0	0	0	0
FC-053	LIGHT	Larimer	08/11/2010	Egret and Rookery	25	0	64	4	0	93
FC-053	LIGHT	Larimer	08/17/2010	Egret and Rookery	54	0	65	0	0	119
FC-053	LIGHT	Larimer	08/24/2010	Egret and Rookery	0	0	0	0	0	0
FC-053	LIGHT	Larimer	08/25/2010	Egret and Rookery	21	0	20	3	0	44
FC-053	LIGHT	Larimer	08/31/2010	Egret and Rookery	60	0	15	1	0	76
FC-053	LIGHT	Larimer	09/08/2010	Egret and Rookery	55	0	12	1	0	68
FC-053	LIGHT	Larimer	09/14/2010	Egret and Rookery	8	0	12	2	0	22
FC-054	LIGHT	Larimer	06/04/2010	737 Parilment Court	18	0	0	1	0	19
FC-054	LIGHT	Larimer	06/11/2010	737 Parilment Court	201	0	1	1	0	203
FC-054	LIGHT	Larimer	06/16/2010	737 Parilment Court	32	0	1	4	0	37
FC-054	LIGHT	Larimer	06/17/2010	737 Parilment Court	32	0	1	4	0	37
FC-054	LIGHT	Larimer	06/25/2010	737 Parilment Court	180	0	11	1	0	192
FC-054	LIGHT	Larimer	07/02/2010	737 Parilment Court	150	0	31	0	0	181
FC-054	LIGHT	Larimer	07/16/2010	737 Parilment Court	48	0	13	1	0	62
FC-054	LIGHT	Larimer	07/23/2010	737 Parilment Court	30	0	14	0	0	44



Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-054	LIGHT	Larimer	07/30/2010	737 Parilment Court	30	0	15	0	0	45
FC-054	LIGHT	Larimer	08/06/2010	737 Parilment Court	15	0	21	0	0	36
FC-054	LIGHT	Larimer	08/13/2010	737 Parilment Court	4	0	6	0	0	10
FC-054	LIGHT	Larimer	08/20/2010	737 Parilment Court	7	0	0	1	0	8
FC-054	LIGHT	Larimer	08/27/2010	737 Parilment Court	8	0	0	0	0	8
FC-054	LIGHT	Larimer	09/01/2010	737 Parilment Court	19	0	2	0	0	21
FC-054	LIGHT	Larimer	09/10/2010	737 Parilment Court	1	0	0	0	0	1
FC-057	LIGHT	Larimer	05/27/2010	Registry Ridge- End of Ra	75	0	0	1	0	76
FC-057	LIGHT	Larimer	06/04/2010	Registry Ridge- End of Ra	70	0	2	2	0	74
FC-057	LIGHT	Larimer	06/11/2010	Registry Ridge- End of Ra	35	0	4	6	0	45
FC-057	LIGHT	Larimer	06/18/2010	Registry Ridge- End of Ra	0	0	0	0	0	0
FC-057	LIGHT	Larimer	06/25/2010	Registry Ridge- End of Ra	421	0	2	6	0	429
FC-057	LIGHT	Larimer	07/02/2010	Registry Ridge- End of Ra	379	0	0	1	0	380
FC-057	LIGHT	Larimer	07/16/2010	Registry Ridge- End of Ra	244	0	29	1	1	275
FC-057	LIGHT	Larimer	07/23/2010	Registry Ridge- End of Ra	12	0	2	1	0	15
FC-057	LIGHT	Larimer	07/30/2010	Registry Ridge- End of Ra	40	0	16	1	0	57
FC-057	LIGHT	Larimer	08/06/2010	Registry Ridge- End of Ra	3	0	3	0	0	6
FC-057	LIGHT	Larimer	08/13/2010	Registry Ridge- End of Ra	3	0	5	2	0	10
FC-057	LIGHT	Larimer	08/20/2010	Registry Ridge- End of Ra	3	0	3	0	0	6
FC-057	LIGHT	Larimer	08/27/2010	Registry Ridge- End of Ra	2	0	1	0	0	3
FC-057	LIGHT	Larimer	09/03/2010	Registry Ridge- End of Ra	0	0	0	0	0	0
FC-057	LIGHT	Larimer	09/10/2010	Registry Ridge- End of Ra	1	0	0	1	0	2
FC-058	LIGHT	Larimer	05/27/2010	Spring Creek Trail @ Mich	22	0	0	0	0	22
FC-058	LIGHT	Larimer	06/03/2010	Spring Creek Trail @ Mich	15	0	0	1	0	16
FC-058	LIGHT	Larimer	06/09/2010	Spring Creek Trail @ Mich	116	0	0	0	0	116
FC-058	LIGHT	Larimer	06/18/2010	Spring Creek Trail @ Mich	113	0	1	5	0	119
FC-058	LIGHT	Larimer	06/24/2010	Spring Creek Trail @ Mich	92	0	3	0	0	95
FC-058	LIGHT	Larimer	07/01/2010	Spring Creek Trail @ Mich	193	0	6	5	0	204
FC-058	LIGHT	Larimer	07/09/2010	Spring Creek Trail @ Mich	34	0	1	0	0	35
FC-058	LIGHT	Larimer	07/15/2010	Spring Creek Trail @ Mich	92	0	9	2	0	103
FC-058	LIGHT	Larimer	07/22/2010	Spring Creek Trail @ Mich	48	0	12	3	0	63
FC-058	LIGHT	Larimer	07/29/2010	Spring Creek Trail @ Mich	11	0	8	0	0	19
FC-058	LIGHT	Larimer	08/05/2010	Spring Creek Trail @ Mich	7	0	11	0	0	18
FC-058	LIGHT	Larimer	08/12/2010	Spring Creek Trail @ Mich	36	0	5	2	0	43
FC-058	LIGHT	Larimer	08/19/2010	Spring Creek Trail @ Mich	33	0	9	1	0	43
FC-058	LIGHT	Larimer	08/27/2010	Spring Creek Trail @ Mich	27	0	6	0	0	33
FC-058	LIGHT	Larimer	09/03/2010	Spring Creek Trail @ Mich	3	0	0	1	0	4
FC-058	LIGHT	Larimer	09/10/2010	Spring Creek Trail @ Mich	3	0	0	1	0	4
FC-059	LIGHT	Larimer	06/09/2010	Springwood and Lockwoo	33	0	0	1	0	34
FC-059	LIGHT	Larimer	06/17/2010	Springwood and Lockwoo	45	0	2	0	0	47
FC-059	LIGHT	Larimer	06/23/2010	Springwood and Lockwoo	153	0	25	10	0	188
FC-059	LIGHT	Larimer	06/30/2010	Springwood and Lockwoo	135	0	10	2	0	147



Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-059	LIGHT	Larimer	07/07/2010	Springwood and Lockwo	26	0	12	0	0	38
FC-059	LIGHT	Larimer	07/14/2010	Springwood and Lockwo	54	0	37	0	0	91
FC-059	LIGHT	Larimer	07/21/2010	Springwood and Lockwo	112	0	29	0	1	142
FC-059	LIGHT	Larimer	07/28/2010	Springwood and Lockwo	193	0	190	2	0	385
FC-059	LIGHT	Larimer	08/04/2010	Springwood and Lockwo	81	0	103	4	0	188
FC-059	LIGHT	Larimer	08/11/2010	Springwood and Lockwo	13	0	47	3	0	63
FC-059	LIGHT	Larimer	08/18/2010	Springwood and Lockwo	10	0	13	0	0	23
FC-059	LIGHT	Larimer	08/25/2010	Springwood and Lockwo	6	0	9	1	0	16
FC-059	LIGHT	Larimer	09/01/2010	Springwood and Lockwo	4	0	4	0	0	8
FC-060	LIGHT	Larimer	06/09/2010	808 Pondersosa	12	0	0	0	0	12
FC-060	LIGHT	Larimer	06/18/2010	808 Pondersosa	5	0	0	0	0	5
FC-060	LIGHT	Larimer	06/24/2010	808 Pondersosa	6	0	2	0	0	8
FC-060	LIGHT	Larimer	07/01/2010	808 Pondersosa	24	0	1	0	0	25
FC-060	LIGHT	Larimer	07/09/2010	808 Pondersosa	4	0	3	0	0	7
FC-060	LIGHT	Larimer	07/15/2010	808 Pondersosa	10	0	23	0	0	33
FC-060	LIGHT	Larimer	07/22/2010	808 Pondersosa	5	0	14	0	0	19
FC-060	LIGHT	Larimer	07/29/2010	808 Pondersosa	7	0	21	1	0	29
FC-060	LIGHT	Larimer	08/05/2010	808 Pondersosa	2	0	13	0	0	15
FC-060	LIGHT	Larimer	08/12/2010	808 Pondersosa	3	0	7	1	0	11
FC-060	LIGHT	Larimer	08/19/2010	808 Pondersosa	2	0	13	0	0	15
FC-060	LIGHT	Larimer	08/27/2010	808 Pondersosa	5	0	1	0	0	6
FC-060	LIGHT	Larimer	09/03/2010	808 Pondersosa	2	0	0	0	0	2
FC-061	LIGHT	Larimer	05/27/2010	Holley Environ. Plant Res	11	0	0	1	0	12
FC-061	LIGHT	Larimer	06/04/2010	Holley Environ. Plant Res	23	0	2	0	0	25
FC-061	LIGHT	Larimer	06/09/2010	Holley Environ. Plant Res	78	0	0	0	0	78
FC-061	LIGHT	Larimer	06/18/2010	Holley Environ. Plant Res	114	0	1	1	0	116
FC-061	LIGHT	Larimer	06/24/2010	Holley Environ. Plant Res	94	0	6	1	0	101
FC-061	LIGHT	Larimer	07/01/2010	Holley Environ. Plant Res	307	0	6	3	0	316
FC-061	LIGHT	Larimer	07/09/2010	Holley Environ. Plant Res	53	0	19	0	0	72
FC-061	LIGHT	Larimer	07/15/2010	Holley Environ. Plant Res	105	0	119	1	0	225
FC-061	LIGHT	Larimer	07/22/2010	Holley Environ. Plant Res	245	0	125	1	1	372
FC-061	LIGHT	Larimer	07/29/2010	Holley Environ. Plant Res	160	0	40	0	0	200
FC-061	LIGHT	Larimer	08/05/2010	Holley Environ. Plant Res	41	0	59	1	0	101
FC-061	LIGHT	Larimer	08/12/2010	Holley Environ. Plant Res	56	0	49	0	0	105
FC-061	LIGHT	Larimer	08/19/2010	Holley Environ. Plant Res	57	0	31	1	0	89
FC-061	LIGHT	Larimer	08/27/2010	Holley Environ. Plant Res	0	0	0	0	0	0
FC-061	LIGHT	Larimer	09/03/2010	Holley Environ. Plant Res	6	0	5	1	0	12
FC-061	LIGHT	Larimer	09/10/2010	Holley Environ. Plant Res	2	0	2	0	0	4
FC-062	LIGHT	Larimer	05/27/2010	Waters Edge at Blue Mes	12	0	0	0	0	12
FC-062	LIGHT	Larimer	06/04/2010	Waters Edge at Blue Mes	9	0	0	0	0	9
FC-062	LIGHT	Larimer	06/11/2010	Waters Edge at Blue Mes	15	0	0	0	0	15
FC-062	LIGHT	Larimer	06/18/2010	Waters Edge at Blue Mes	10	0	0	2	0	12



Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-062	LIGHT	Larimer	06/25/2010	Waters Edge at Blue Mes	69	0	0	0	0	69
FC-062	LIGHT	Larimer	07/02/2010	Waters Edge at Blue Mes	29	0	8	1	0	38
FC-062	LIGHT	Larimer	07/16/2010	Waters Edge at Blue Mes	117	0	16	0	0	133
FC-062	LIGHT	Larimer	07/23/2010	Waters Edge at Blue Mes	18	0	6	1	0	25
FC-062	LIGHT	Larimer	07/30/2010	Waters Edge at Blue Mes	12	0	15	0	0	27
FC-062	LIGHT	Larimer	08/06/2010	Waters Edge at Blue Mes	4	0	30	1	0	35
FC-062	LIGHT	Larimer	08/13/2010	Waters Edge at Blue Mes	9	0	4	0	0	13
FC-062	LIGHT	Larimer	08/20/2010	Waters Edge at Blue Mes	1	0	1	0	0	2
FC-062	LIGHT	Larimer	09/03/2010	Waters Edge at Blue Mes	5	0	0	1	0	6
FC-062	LIGHT	Larimer	09/10/2010	Waters Edge at Blue Mes	0	0	1	0	0	1
FC-063	LIGHT	Larimer	05/27/2010	Red Fox Meadows FCNA	9	0	0	1	0	10
FC-063	LIGHT	Larimer	06/03/2010	Red Fox Meadows FCNA	5	0	0	1	0	6
FC-063	LIGHT	Larimer	06/09/2010	Red Fox Meadows FCNA	102	0	0	0	0	102
FC-063	LIGHT	Larimer	06/18/2010	Red Fox Meadows FCNA	234	0	0	1	0	235
FC-063	LIGHT	Larimer	06/24/2010	Red Fox Meadows FCNA	287	0	0	0	0	287
FC-063	LIGHT	Larimer	07/01/2010	Red Fox Meadows FCNA	592	0	0	1	0	593
FC-063	LIGHT	Larimer	07/09/2010	Red Fox Meadows FCNA	134	0	3	1	0	138
FC-063	LIGHT	Larimer	07/15/2010	Red Fox Meadows FCNA	224	0	5	0	0	229
FC-063	LIGHT	Larimer	07/22/2010	Red Fox Meadows FCNA	806	0	18	0	0	824
FC-063	LIGHT	Larimer	07/29/2010	Red Fox Meadows FCNA	382	0	11	1	0	394
FC-063	LIGHT	Larimer	08/05/2010	Red Fox Meadows FCNA	253	0	5	0	0	258
FC-063	LIGHT	Larimer	08/12/2010	Red Fox Meadows FCNA	77	0	6	0	0	83
FC-063	LIGHT	Larimer	08/19/2010	Red Fox Meadows FCNA	170	0	14	0	0	184
FC-063	LIGHT	Larimer	08/27/2010	Red Fox Meadows FCNA	15	0	3	0	0	18
FC-063	LIGHT	Larimer	09/03/2010	Red Fox Meadows FCNA	7	0	0	0	0	7
FC-064	LIGHT	Larimer	05/25/2010	West Chase @ Kechter F	24	0	1	0	0	25
FC-064	LIGHT	Larimer	06/03/2010	West Chase @ Kechter F	23	0	1	4	0	28
FC-064	LIGHT	Larimer	06/09/2010	West Chase @ Kechter F	5	0	1	1	0	7
FC-064	LIGHT	Larimer	06/17/2010	West Chase @ Kechter F	19	0	3	4	0	26
FC-064	LIGHT	Larimer	06/23/2010	West Chase @ Kechter F	39	0	17	0	0	56
FC-064	LIGHT	Larimer	06/30/2010	West Chase @ Kechter F	19	0	5	0	1	25
FC-064	LIGHT	Larimer	07/07/2010	West Chase @ Kechter F	33	0	36	2	0	71
FC-064	LIGHT	Larimer	07/14/2010	West Chase @ Kechter F	85	0	46	0	1	132
FC-064	LIGHT	Larimer	07/21/2010	West Chase @ Kechter F	10	0	27	2	0	39
FC-064	LIGHT	Larimer	07/28/2010	West Chase @ Kechter F	0	0	0	0	0	0
FC-064	LIGHT	Larimer	07/29/2010	West Chase @ Kechter F	34	0	34	0	0	68
FC-064	LIGHT	Larimer	08/04/2010	West Chase @ Kechter F	24	0	41	3	0	68
FC-064	LIGHT	Larimer	08/11/2010	West Chase @ Kechter F	1	0	6	0	0	7
FC-064	LIGHT	Larimer	08/18/2010	West Chase @ Kechter F	38	0	7	0	1	46
FC-064	LIGHT	Larimer	08/25/2010	West Chase @ Kechter F	12	0	12	2	0	26
FC-064	LIGHT	Larimer	09/01/2010	West Chase @ Kechter F	2	0	15	0	0	17
FC-064	LIGHT	Larimer	09/08/2010	West Chase @ Kechter F	1	0	6	0	0	7



Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-066	LIGHT	Larimer	05/25/2010	Prospect Ponds @ Drake	199	0	0	3	0	202
FC-066	LIGHT	Larimer	06/01/2010	Prospect Ponds @ Drake	366	0	15	0	0	381
FC-066	LIGHT	Larimer	06/08/2010	Prospect Ponds @ Drake	192	0	9	1	0	202
FC-066	LIGHT	Larimer	06/16/2010	Prospect Ponds @ Drake	0	0	0	0	0	0
FC-066	LIGHT	Larimer	06/22/2010	Prospect Ponds @ Drake	1602	0	27	6	31	1,666
FC-066	LIGHT	Larimer	06/29/2010	Prospect Ponds @ Drake	659	0	18	3	22	702
FC-066	LIGHT	Larimer	07/06/2010	Prospect Ponds @ Drake	384	1	41	3	6	435
FC-066	LIGHT	Larimer	07/13/2010	Prospect Ponds @ Drake	672	4	45	0	40	761
FC-066	LIGHT	Larimer	07/20/2010	Prospect Ponds @ Drake	547	2	117	3	31	700
FC-066	LIGHT	Larimer	07/27/2010	Prospect Ponds @ Drake	425	1	52	2	7	487
FC-066	LIGHT	Larimer	08/03/2010	Prospect Ponds @ Drake	276	9	98	1	7	391
FC-066	LIGHT	Larimer	08/10/2010	Prospect Ponds @ Drake	236	4	18	0	4	262
FC-066	LIGHT	Larimer	08/17/2010	Prospect Ponds @ Drake	189	2	17	1	5	214
FC-066	LIGHT	Larimer	08/24/2010	Prospect Ponds @ Drake	98	4	34	1	4	141
FC-066	LIGHT	Larimer	08/31/2010	Prospect Ponds @ Drake	54	0	11	0	0	65
FC-066	LIGHT	Larimer	09/08/2010	Prospect Ponds @ Drake	34	1	11	1	0	47
FC-067	LIGHT	Larimer	05/25/2010	Poudre River Drive at bike	58	0	1	0	0	59
FC-067	LIGHT	Larimer	06/01/2010	Poudre River Drive at bike	508	0	4	2	0	514
FC-067	LIGHT	Larimer	06/08/2010	Poudre River Drive at bike	662	0	0	0	0	662
FC-067	LIGHT	Larimer	06/15/2010	Poudre River Drive at bike	175	0	0	0	0	175
FC-067	LIGHT	Larimer	06/22/2010	Poudre River Drive at bike	489	0	14	0	0	503
FC-067	LIGHT	Larimer	06/29/2010	Poudre River Drive at bike	1250	0	122	2	38	1,412
FC-067	LIGHT	Larimer	06/30/2010	Poudre River Drive at bike	397	0	44	2	3	446
FC-067	LIGHT	Larimer	07/06/2010	Poudre River Drive at bike	220	0	50	1	4	275
FC-067	LIGHT	Larimer	07/07/2010	Poudre River Drive at bike	391	0	97	0	2	490
FC-067	LIGHT	Larimer	07/13/2010	Poudre River Drive at bike	447	1	39	5	23	515
FC-067	LIGHT	Larimer	07/14/2010	Poudre River Drive at bike	908	2	167	2	16	1,095
FC-067	LIGHT	Larimer	07/20/2010	Poudre River Drive at bike	608	0	208	0	7	823
FC-067	LIGHT	Larimer	07/21/2010	Poudre River Drive at bike	220	0	67	0	2	289
FC-067	LIGHT	Larimer	07/27/2010	Poudre River Drive at bike	1048	0	445	6	12	1,511
FC-067	LIGHT	Larimer	07/28/2010	Poudre River Drive at bike	784	0	158	2	0	944
FC-067	LIGHT	Larimer	08/03/2010	Poudre River Drive at bike	1174	0	91	8	10	1,283
FC-067	LIGHT	Larimer	08/04/2010	Poudre River Drive at bike	585	0	82	0	0	667
FC-067	LIGHT	Larimer	08/10/2010	Poudre River Drive at bike	247	0	52	0	0	299
FC-067	LIGHT	Larimer	08/17/2010	Poudre River Drive at bike	122	0	24	1	0	147
FC-067	LIGHT	Larimer	08/24/2010	Poudre River Drive at bike	486	0	27	4	0	517
FC-067	LIGHT	Larimer	08/31/2010	Poudre River Drive at bike	1774	0	24	3	0	1,801
FC-067	LIGHT	Larimer	09/08/2010	Poudre River Drive at bike	252	0	17	1	0	270
FC-067	LIGHT	Larimer	09/14/2010	Poudre River Drive at bike	90	0	3	4	0	97
FC-068	LIGHT	Larimer	05/27/2010	502 Crest Drive	4	0	0	0	0	4
FC-068	LIGHT	Larimer	06/04/2010	502 Crest Drive	1	0	0	0	0	1
FC-068	LIGHT	Larimer	06/11/2010	502 Crest Drive	19	0	0	0	0	19



Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-068	LIGHT	Larimer	06/17/2010	502 Crest Drive	5	0	1	1	0	7
FC-068	LIGHT	Larimer	06/25/2010	502 Crest Drive	5	0	3	0	0	8
FC-068	LIGHT	Larimer	07/02/2010	502 Crest Drive	37	0	4	0	0	41
FC-068	LIGHT	Larimer	07/16/2010	502 Crest Drive	6	0	5	0	0	11
FC-068	LIGHT	Larimer	07/23/2010	502 Crest Drive	1	0	10	0	0	11
FC-068	LIGHT	Larimer	07/30/2010	502 Crest Drive	3	0	7	0	0	10
FC-068	LIGHT	Larimer	08/06/2010	502 Crest Drive	6	0	26	0	0	32
FC-068	LIGHT	Larimer	08/13/2010	502 Crest Drive	19	0	3	1	0	23
FC-068	LIGHT	Larimer	08/20/2010	502 Crest Drive	6	0	0	1	0	7
FC-069	LIGHT	Larimer	05/25/2010	Lindenwood HOA	0	0	0	1	0	1
FC-069	LIGHT	Larimer	06/01/2010	Lindenwood HOA	16	0	0	0	0	16
FC-069	LIGHT	Larimer	06/08/2010	Lindenwood HOA	30	0	1	0	0	31
FC-069	LIGHT	Larimer	06/16/2010	Lindenwood HOA	53	0	0	0	0	53
FC-069	LIGHT	Larimer	06/22/2010	Lindenwood HOA	56	0	0	1	0	57
FC-069	LIGHT	Larimer	06/29/2010	Lindenwood HOA	42	0	4	1	1	48
FC-069	LIGHT	Larimer	07/06/2010	Lindenwood HOA	37	0	5	1	0	43
FC-069	LIGHT	Larimer	07/13/2010	Lindenwood HOA	36	0	22	1	0	59
FC-069	LIGHT	Larimer	07/20/2010	Lindenwood HOA	228	0	19	0	0	247
FC-069	LIGHT	Larimer	07/27/2010	Lindenwood HOA	118	0	71	0	0	189
FC-069	LIGHT	Larimer	08/03/2010	Lindenwood HOA	80	0	40	1	0	121
FC-069	LIGHT	Larimer	08/10/2010	Lindenwood HOA	38	0	12	0	0	50
FC-069	LIGHT	Larimer	08/17/2010	Lindenwood HOA	13	0	10	0	0	23
FC-069	LIGHT	Larimer	08/24/2010	Lindenwood HOA	26	0	23	0	0	49
FC-069	LIGHT	Larimer	08/31/2010	Lindenwood HOA	8	0	12	0	0	20
FC-069	LIGHT	Larimer	09/08/2010	Lindenwood HOA	3	0	1	0	0	4
FC-071	LIGHT	Larimer	06/04/2010	Silvergate Road	2	0	1	0	0	3
FC-071	LIGHT	Larimer	06/11/2010	Silvergate Road	3	0	0	6	0	9
FC-071	LIGHT	Larimer	06/18/2010	Silvergate Road	20	0	2	6	0	28
FC-071	LIGHT	Larimer	06/25/2010	Silvergate Road	25	0	8	5	0	38
FC-071	LIGHT	Larimer	07/02/2010	Silvergate Road	31	0	13	4	0	48
FC-071	LIGHT	Larimer	07/16/2010	Silvergate Road	13	0	17	4	0	34
FC-071	LIGHT	Larimer	07/23/2010	Silvergate Road	11	0	47	0	0	58
FC-071	LIGHT	Larimer	07/30/2010	Silvergate Road	12	0	41	1	0	54
FC-071	LIGHT	Larimer	08/06/2010	Silvergate Road	7	0	25	0	0	32
FC-071	LIGHT	Larimer	08/13/2010	Silvergate Road	8	0	20	0	0	28
FC-071	LIGHT	Larimer	08/20/2010	Silvergate Road	9	0	17	1	0	27
FC-071	LIGHT	Larimer	08/27/2010	Silvergate Road	7	0	19	0	0	26
FC-071	LIGHT	Larimer	09/03/2010	Silvergate Road	0	0	9	1	0	10
FC-071	LIGHT	Larimer	09/10/2010	Silvergate Road	2	0	2	0	0	4
FC-071	LIGHT	Larimer	09/14/2010	Silvergate Road	1	0	0	2	0	3
FC-072	LIGHT	Larimer	06/01/2010	422 Lake Drive Alley	11	0	1	0	0	12
FC-072	LIGHT	Larimer	06/08/2010	422 Lake Drive Alley	48	0	0	2	0	50



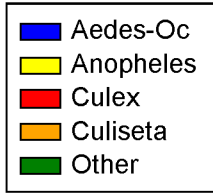
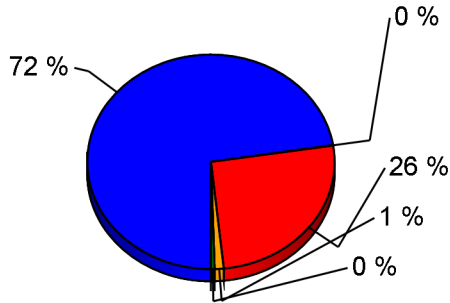
Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-072	LIGHT	Larimer	06/16/2010	422 Lake Drive Alley	39	0	3	2	0	44
FC-072	LIGHT	Larimer	06/22/2010	422 Lake Drive Alley	42	0	10	0	0	52
FC-072	LIGHT	Larimer	06/29/2010	422 Lake Drive Alley	61	0	19	3	0	83
FC-072	LIGHT	Larimer	07/06/2010	422 Lake Drive Alley	15	0	11	1	0	27
FC-072	LIGHT	Larimer	07/13/2010	422 Lake Drive Alley	36	0	89	2	1	128
FC-072	LIGHT	Larimer	07/20/2010	422 Lake Drive Alley	68	0	108	1	0	177
FC-072	LIGHT	Larimer	07/27/2010	422 Lake Drive Alley	44	0	155	3	0	202
FC-072	LIGHT	Larimer	08/03/2010	422 Lake Drive Alley	27	0	103	2	0	132
FC-072	LIGHT	Larimer	08/10/2010	422 Lake Drive Alley	18	0	146	0	0	164
FC-072	LIGHT	Larimer	08/17/2010	422 Lake Drive Alley	4	0	9	0	0	13
FC-072	LIGHT	Larimer	08/24/2010	422 Lake Drive Alley	49	0	16	0	0	65
FC-072	LIGHT	Larimer	08/31/2010	422 Lake Drive Alley	24	0	18	0	0	42
FC-073	LIGHT	Larimer	06/01/2010	118 Grant	7	0	4	0	0	11
FC-073	LIGHT	Larimer	06/08/2010	118 Grant	30	0	2	1	0	33
FC-073	LIGHT	Larimer	06/16/2010	118 Grant	25	0	0	0	0	25
FC-073	LIGHT	Larimer	06/22/2010	118 Grant	43	0	5	4	0	52
FC-073	LIGHT	Larimer	06/29/2010	118 Grant	43	0	6	4	0	53
FC-073	LIGHT	Larimer	07/06/2010	118 Grant	20	0	21	1	0	42
FC-073	LIGHT	Larimer	07/13/2010	118 Grant	36	0	96	1	0	133
FC-073	LIGHT	Larimer	07/20/2010	118 Grant	42	0	101	3	4	150
FC-073	LIGHT	Larimer	07/27/2010	118 Grant	21	0	30	2	0	53
FC-073	LIGHT	Larimer	08/03/2010	118 Grant	52	0	155	0	0	207
FC-073	LIGHT	Larimer	08/10/2010	118 Grant	19	0	96	2	0	117
FC-073	LIGHT	Larimer	08/17/2010	118 Grant	3	0	21	1	0	25
FC-073	LIGHT	Larimer	08/24/2010	118 Grant	32	0	27	2	0	61
FC-073	LIGHT	Larimer	08/31/2010	118 Grant	10	0	6	0	0	16
FC-073	LIGHT	Larimer	09/08/2010	118 Grant	0	0	2	0	0	2
FC-074	LIGHT	Larimer	05/25/2010	Rockcreek	28	0	0	1	0	29
FC-074	LIGHT	Larimer	06/09/2010	Rockcreek	14	0	0	0	0	14
FC-074	LIGHT	Larimer	06/17/2010	Rockcreek	31	0	9	4	0	44
FC-074	LIGHT	Larimer	06/23/2010	Rockcreek	8	0	1	0	0	9
FC-074	LIGHT	Larimer	06/30/2010	Rockcreek	100	0	3	0	0	103
FC-074	LIGHT	Larimer	07/07/2010	Rockcreek	22	0	6	0	0	28
FC-074	LIGHT	Larimer	07/14/2010	Rockcreek	158	0	42	0	0	200
FC-074	LIGHT	Larimer	07/21/2010	Rockcreek	37	0	21	0	0	58
FC-074	LIGHT	Larimer	07/28/2010	Rockcreek	45	0	61	0	0	106
FC-074	LIGHT	Larimer	08/04/2010	Rockcreek	28	0	30	0	0	58
FC-074	LIGHT	Larimer	08/11/2010	Rockcreek	77	0	40	1	0	118
FC-074	LIGHT	Larimer	08/18/2010	Rockcreek	65	0	7	0	0	72
FC-074	LIGHT	Larimer	08/25/2010	Rockcreek	40	0	7	0	0	47
FC-074	LIGHT	Larimer	09/01/2010	Rockcreek	22	0	3	0	0	25



Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-FLOAT	LIGHT	Larimer	07/23/2010	Fort Collins Floater	190	7	183	0	0	380
					49,053	17,441		320		
						49		797		67,660



TOTAL	%
49,053	72 %
49	0 %
17,441	26 %
797	1 %
320	0 %



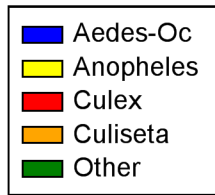
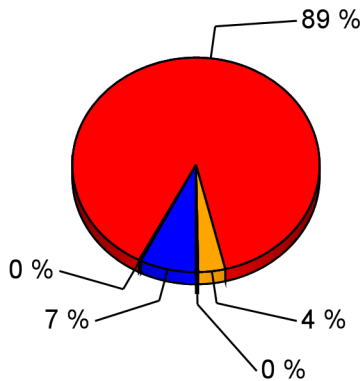
Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-029gr	GRAVID	Larimer	06/04/2010	Bens Park	0	0	0	0	0	0
FC-029gr	GRAVID	Larimer	06/11/2010	Bens Park	3	0	0	2	0	5
FC-029gr	GRAVID	Larimer	06/17/2010	Bens Park	0	0	0	0	0	0
FC-029gr	GRAVID	Larimer	06/25/2010	Bens Park	0	0	0	0	0	0
FC-029gr	GRAVID	Larimer	07/02/2010	Bens Park	3	0	43	0	0	46
FC-029gr	GRAVID	Larimer	07/16/2010	Bens Park	0	0	0	0	0	0
FC-029gr	GRAVID	Larimer	07/23/2010	Bens Park	0	0	8	0	0	8
FC-029gr	GRAVID	Larimer	07/30/2010	Bens Park	0	0	31	0	0	31
FC-029gr	GRAVID	Larimer	08/06/2010	Bens Park	0	0	24	0	0	24
FC-029gr	GRAVID	Larimer	08/13/2010	Bens Park	0	0	0	0	0	0
FC-029gr	GRAVID	Larimer	08/20/2010	Bens Park	0	0	0	0	0	0
FC-033gr	GRAVID	Larimer	06/09/2010	Sage Creek Gravid	0	0	0	0	0	0
FC-033gr	GRAVID	Larimer	06/23/2010	Sage Creek Gravid	5	0	0	0	0	5
FC-033gr	GRAVID	Larimer	06/30/2010	Sage Creek Gravid	0	0	1	0	0	1
FC-033gr	GRAVID	Larimer	07/07/2010	Sage Creek Gravid	0	0	0	0	0	0
FC-033gr	GRAVID	Larimer	07/14/2010	Sage Creek Gravid	0	0	0	0	0	0
FC-033gr	GRAVID	Larimer	07/21/2010	Sage Creek Gravid	0	0	6	0	0	6
FC-033gr	GRAVID	Larimer	07/28/2010	Sage Creek Gravid	0	0	10	0	0	10
FC-033gr	GRAVID	Larimer	08/04/2010	Sage Creek Gravid	0	0	1	0	0	1
FC-033gr	GRAVID	Larimer	08/11/2010	Sage Creek Gravid	0	0	0	0	0	0
FC-033gr	GRAVID	Larimer	08/18/2010	Sage Creek Gravid	0	0	0	0	0	0
FC-040gr	GRAVID	Larimer	06/08/2010	Redwood	0	0	0	2	0	2
FC-040gr	GRAVID	Larimer	06/16/2010	Redwood	0	0	0	0	0	0
FC-040gr	GRAVID	Larimer	06/22/2010	Redwood	0	0	2	0	0	2
FC-040gr	GRAVID	Larimer	06/29/2010	Redwood	1	0	3	1	0	5
FC-040gr	GRAVID	Larimer	07/06/2010	Redwood	2	0	0	0	0	2
FC-040gr	GRAVID	Larimer	07/13/2010	Redwood	0	0	41	0	0	41
FC-040gr	GRAVID	Larimer	07/20/2010	Redwood	1	0	14	0	0	15
FC-040gr	GRAVID	Larimer	07/27/2010	Redwood	0	0	0	0	0	0
FC-040gr	GRAVID	Larimer	08/03/2010	Redwood	0	0	26	0	0	26
FC-040gr	GRAVID	Larimer	08/10/2010	Redwood	0	0	0	0	0	0
FC-040gr	GRAVID	Larimer	08/17/2010	Redwood	0	0	4	0	0	4
FC-063gr	GRAVID	Larimer	06/03/2010	Red Fox Meadows FCNA	1	0	0	1	0	2
FC-063gr	GRAVID	Larimer	06/09/2010	Red Fox Meadows FCNA	2	0	0	0	0	2
FC-063gr	GRAVID	Larimer	06/18/2010	Red Fox Meadows FCNA	0	0	3	0	0	3
FC-063gr	GRAVID	Larimer	06/24/2010	Red Fox Meadows FCNA	0	0	0	0	0	0
FC-063gr	GRAVID	Larimer	07/01/2010	Red Fox Meadows FCNA	1	0	13	1	0	15
FC-063gr	GRAVID	Larimer	07/09/2010	Red Fox Meadows FCNA	0	0	0	0	0	0
FC-063gr	GRAVID	Larimer	07/15/2010	Red Fox Meadows FCNA	0	0	0	0	0	0
FC-063gr	GRAVID	Larimer	07/22/2010	Red Fox Meadows FCNA	0	0	10	0	0	10
FC-063gr	GRAVID	Larimer	07/29/2010	Red Fox Meadows FCNA	0	0	32	0	0	32
FC-063gr	GRAVID	Larimer	08/05/2010	Red Fox Meadows FCNA	0	0	11	0	0	11



Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-063gr	GRAVID	Larimer	08/13/2010	Red Fox Meadows FCNA	0	0	11	1	0	12
FC-063gr	GRAVID	Larimer	08/19/2010	Red Fox Meadows FCNA	1	0	0	0	0	1
FC-066gr	GRAVID	Larimer	06/01/2010	Prospect Ponds @ Drake	0	0	1	3	0	4
FC-066gr	GRAVID	Larimer	06/08/2010	Prospect Ponds @ Drake	1	0	0	0	0	1
FC-066gr	GRAVID	Larimer	06/16/2010	Prospect Ponds @ Drake	1	0	0	0	0	1
FC-066gr	GRAVID	Larimer	06/22/2010	Prospect Ponds @ Drake	0	0	0	0	0	0
FC-066gr	GRAVID	Larimer	06/29/2010	Prospect Ponds @ Drake	1	0	0	0	1	2
FC-066gr	GRAVID	Larimer	07/06/2010	Prospect Ponds @ Drake	2	1	3	1	0	7
FC-066gr	GRAVID	Larimer	07/13/2010	Prospect Ponds @ Drake	0	0	1	0	0	1
FC-066gr	GRAVID	Larimer	07/20/2010	Prospect Ponds @ Drake	0	0	0	0	0	0
FC-066gr	GRAVID	Larimer	07/27/2010	Prospect Ponds @ Drake	0	0	0	0	0	0
FC-066gr	GRAVID	Larimer	08/03/2010	Prospect Ponds @ Drake	0	0	2	0	0	2
FC-066gr	GRAVID	Larimer	08/10/2010	Prospect Ponds @ Drake	0	0	1	0	0	1
FC-066gr	GRAVID	Larimer	08/17/2010	Prospect Ponds @ Drake	0	0	0	0	0	0
					25		302		1	
						1		12		341



TOTAL	%
25	7 %
1	0 %
302	89 %
12	4 %
1	0 %



Sample	Collection	Trap	Quantity	Species	Type	Notes	Results
CSU 1424		Larimer					
	07/20/2010	FC-004	37	Culex tarsalis	LIGHT		POSITIVE
Total in pool							37
CSU 1524		Larimer					
	07/27/2010	FC-053	100	Culex tarsalis	LIGHT		POSITIVE
Total in pool							100
CSU 1574		Larimer					
	07/28/2010	FC-033gr	5	Culex tarsalis	GRAVID		POSITIVE
Total in pool							5
CSU 1615		Larimer					
	07/29/2010	FC-064	32	Culex tarsalis	LIGHT		POSITIVE
Total in pool							32
CSU 1638		Larimer					
	08/03/2010	FC-004	29	Culex tarsalis	LIGHT		POSITIVE
Total in pool							29
CSU 1655		Larimer					
	08/03/2010	FC-036	100	Culex tarsalis	LIGHT		POSITIVE
Total in pool							100
CSU 1663		Larimer					
	08/03/2010	FC-073	100	Culex tarsalis	LIGHT		POSITIVE
Total in pool							100
CSU 1728		Larimer					
	08/06/2010	FC-071	20	Culex tarsalis	LIGHT		POSITIVE
Total in pool							20
CSU 1730		Larimer					
	08/06/2010	FC-062	13	Culex tarsalis	LIGHT		POSITIVE
Total in pool							13
CSU 1736		Larimer					
	08/10/2010	FC-004	32	Culex tarsalis	LIGHT		POSITIVE
Total in pool							32
CSU 1754		Larimer					
	08/10/2010	FC-019	37	Culex tarsalis	LIGHT		POSITIVE
Total in pool							37
CSU 1755		Larimer					
	08/10/2010	FC-019	5	Culex pipiens	LIGHT		POSITIVE
Total in pool							5
CSU 1766		Larimer					
	08/11/2010	FC-047	7	Culex tarsalis	LIGHT		POSITIVE
Total in pool							7



Sample	Collection	Trap	Quantity	Species	Type	Notes	Results
CSU 1783		Larimer					
	08/11/2010	FC-059	20	Culex pipiens	LIGHT		POSITIVE
Total in pool							20
CSU 1793		Larimer					
	08/12/2010	FC-052	14	Culex tarsalis	LIGHT		POSITIVE
Total in pool							14
CSU 1804		Larimer					
	08/12/2010	FC-041	100	Culex tarsalis	LIGHT		POSITIVE
Total in pool							100
CSU 1814		Larimer					
	08/13/2010	FC-002	7	Culex tarsalis	LIGHT		POSITIVE
Total in pool							7
CSU 1821		Larimer					
	08/13/2010	FC-071	13	Culex pipiens	LIGHT		POSITIVE
Total in pool							13
CSU 1826		Larimer					
	08/17/2010	FC-053	51	Culex tarsalis	LIGHT		POSITIVE
Total in pool							51
CSU 1841		Larimer					
	08/17/2010	FC-067	13	Culex tarsalis	LIGHT		POSITIVE
Total in pool							13
CSU 1852		Larimer					
	08/18/2010	FC-039	28	Culex tarsalis	LIGHT		POSITIVE
Total in pool							28
CSU 1886		Larimer					
	08/19/2010	FC-060	13	Culex tarsalis	LIGHT		POSITIVE
Total in pool							13
CSU 1889		Larimer					
	08/19/2010	FC-041	22	Culex pipiens	LIGHT		POSITIVE
Total in pool							22
CSU 1961		Larimer					
	08/27/2010	FC-071	15	Culex pipiens	LIGHT		POSITIVE
Total in pool							15
CSU 1997		Larimer					
	08/31/2010	FC-067	11	Culex pipiens	LIGHT		POSITIVE
Total in pool							11
CSU 2030		Larimer					
	09/08/2010	FC-064	2	Culex tarsalis	LIGHT		POSITIVE
Total in pool							2



Adulticide Data

Customer	Subdiv/Area	Material	Start Time	End Time	Miles	
Greenstone HOA						
Truck ULV						
06/23/2010	GREENSTONE	AquaLuer 20-20	20:27:00	20:48:00	4.0	
06/30/2010	GREENSTONE	AquaLuer 20-20	21:23:00	21:39:00	4.0	
07/14/2010	GREENSTONE	AquaLuer 20-20	20:25:00	20:55:00	4.0	
07/21/2010	GREENSTONE	AquaLuer ULV	21:08:00	21:20:00	1.0	
07/22/2010	GREENSTONE	AquaLuer ULV	22:25:00	22:42:00	3.0	
07/28/2010	GREENSTONE	Biomist 3+15	23:20:00	23:38:00	3.0	
08/18/2010	GREENSTONE	Biomist 3+15	22:18:00	22:36:00	4.0	
Truck ULV					Sum	23.0
					Avg	3.3
					Min	1.0
					Max	4.0
Lindenwood HOA						
Truck ULV						
07/21/2010	LINDENWOOD HOA	AquaLuer 20-20	23:52:00	12:10:00	4.0	
07/29/2010	LINDENWOOD HOA	Biomist 3+15	21:06:00	21:24:00	4.0	
08/04/2010	LINDENWOOD HOA	AquaLuer ULV	21:32:00	21:48:00	4.0	
Truck ULV					Sum	12.0
					Avg	4.0
					Min	4.0
					Max	4.0
Paragon Estates HOA						
Truck ULV						
06/23/2010	PARAGON ESTATES	AquaLuer 20-20	20:15:00	20:24:00	1.0	
06/30/2010	PARAGON ESTATES	AquaLuer 20-20	21:44:00	21:53:00	2.0	
07/14/2010	PARAGON ESTATES	AquaLuer 20-20	22:00:00	22:25:00	2.0	
07/21/2010	PARAGON ESTATES	AquaLuer 20-20	12:00:00	12:00:00	0.0	
07/22/2010	PARAGON ESTATES	AquaLuer ULV	22:47:00	22:55:00	2.0	
07/28/2010	PARAGON ESTATES	Biomist 3+15	23:12:00	23:18:00	1.0	
08/18/2010	PARAGON ESTATES	Biomist 3+15	22:41:00	22:51:00	1.0	
Truck ULV					Sum	9.0
					Avg	1.3
					Min	0.0
					Max	2.0
Willow Springs HOA						
Truck ULV						
06/30/2010	WILLOW SPRINGS	AquaLuer 20-20	22:02:00	22:29:00	5.0	
07/14/2010	WILLOW SPRINGS	AquaLuer 20-20	22:45:00	23:10:00	5.0	
07/21/2010	WILLOW SPRINGS	AquaLuer 20-20	23:08:00	23:31:00	5.0	
07/28/2010	WILLOW SPRINGS	Biomist 3+15	22:47:00	23:09:00	5.0	
08/04/2010	WILLOW SPRINGS	AquaLuer ULV	20:35:00	21:11:00	5.0	



Colorado Mosquito Control, Inc.

Adulticide Data

Customer	Subdiv/Area	Material	Start Time	End Time	Miles
08/11/2010	WILLOW SPRINGS	AquaLuer ULV	19:50:00	20:15:00	5.0
		Truck ULV		Sum	30.0
				Avg	5.0
				Min	5.0
				Max	5.0
				Grand Total	74.0



COLORADO MOSQUITO CONTROL, INC.
Protecting Colorado From Annoyance & Disease Since 1986