



Cornell University
Cooperative Extension
Cayuga County

Community EAB Preparedness – Ash Inventory

A FL-PRISM Sub-Contract Application
By Stefan Lutter

Requesting \$3,142.81

Proposal Description

Focus and Goal: This project is in response to a recent survey distributed as a function of the Cayuga County Invasive Task Force. The survey focused on emerald ash borer (EAB) and was meant to gauge knowledge and preparedness amongst municipalities within Cayuga County. One of the questions asked was whether or not the community would like assistance in obtaining a tree inventory as a first step towards addressing the threat of EAB. The scope of this project would be supplying the municipalities with an inventory of trees as a response to the demand for such work indicated by the survey. The work outlined in this proposal will be built on the future, focusing on follow up preparation and mitigation plans (other services the municipalities demonstrated interest in).

Scope of Work: Three municipalities indicated that they were indeed interested in receiving assistance in creating an inventory as part of a comprehensive project addressing the threat of EAB. They were:

**Cayuga County (Parks and Trails),
Town of Montezuma,
Village of Moravia.**

As part of our project, we will identify and prioritize areas within these municipalities. Thus, well-populated streets, parks, or other areas, as well as ecologically sensitive areas, will be reviewed in conjunction with leaders from the above areas to determine priority.

In addition, each municipality will be the host of an information session on EAB, another prompt they responded to on the survey. Municipal support letters will be acquired and submitted based upon a successful funding announcement.

Methods: We plan on using either the Collector App or making use of Satellite imagery (as a recent tree inventory project in City of Auburn has done) to create our database. Ash trees will be noted on size, type (if possible), and potentially health and degree of concern (visual assessment of damage and whether it is located over a sidewalk, for instance).

Significance to FL-PRISM: EAB is currently confirmed in one area in Cayuga County, making a quick response essential in order to limit the impact elsewhere in the County. While EAB is currently somewhat of a ‘flagship’ of invasive species, this project will also serve to develop an understanding amongst communities of the importance in addressing invasive species. We anticipate this leading to a better dialog throughout the County for future projects revolving around invasive, both terrestrial and aquatic.

Although we are too late to prevent the introduction of EAB into Cayuga County, we believe this project can go far in reducing the environmental, economic, and community impacts of EAB throughout the County. Also, we hope that by quickly responding to the clearly identified needs of communities can develop a fantastic working relationship going forward in the fight against other invasive species.

Timeframe: Identify priority areas; appoint intern as assistant; conduct surveying – By October 21st;
Edit and Produce maps and inventory database; October 21st- November 15th
Schedule and carry out information sessions; November 15th- December 15th.

Due to the ease of identifying trees while leaves are still on branches, the inventorying aspect of this project will be completed in October. The results from inventorying will be used in the corresponding public information sessions to be conducted in each community. These events will be set for times in early December. The inventories will be supplied to the municipalities for future use.

Location: Project will be conducted on public property entirely within the boundaries of the aforementioned municipalities. Specific priority locations will be identified after discussing with municipal leaders.

Personnel:

Stefan Lutter – Project Lead

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Will head the project, managing the tree inventorying process, editing and producing the resulting maps and databases, as well as presenting the resulting information sessions to the communities. Stefan has worked at CCE Cayuga County since June, and leads the County's Invasive Task Force. He has a B.S. in Environmental Studies from the University of Vermont and a graduate degree in Regional Planning from Cornell University.

Intern – Assistant

An intern will be assisting with this project whose qualities include tree identification and familiarity with GIS/spatial analysis tools and software.

Budget: Other than personnel time, only printing and travel will contribute to the budget. Travel will include occasional trips to the sites around Cayuga County during the inventory process as well as for the information sessions, and printing and copying will be required to distribute information sheets at these sessions.

Proposal Budget		Intern	Total
P.I.	Stefan Lutter		
Period	Sept '14- Jan '15		
Budget			
Labor Costs			
Personnel	Stefan Lutter	Intern	
Salaries	\$1,957.00	\$500.00	\$2,457.00
Agency Indirect	\$293.55	\$75.00	\$368.55
Workmans' Comp	\$15.46	\$3.95	\$19.41
Unemployment	\$97.85	\$25.00	\$122.85
Mileage	\$100.00	-	\$100.00
Printing/Copying	\$75.00		\$75.00
Direct Costs			\$2,632.00
Indirect Costs			510.81
TOTAL REQUEST			\$3,142.81