STS — Slow the Spread of the Gypsy Moth
Slow the Spread Foundation, Inc.

About Us | **Foundation** | **Operations** | **Regulatory** | **Decision Support** | **Directory** | **Publications**

October 2005

Slow the Spread:
A National Program to
Manage the Gypsy Moth

Click to return to Database Documentation

STS Database Product and Process Time line "At-A-Glance"

Planning and Preparation:

Month	Tasks	Notes
January	Modify existing and/or create new stored procedures and triggers for data validation as necessary	
	Modify database objects (tables, indexes, etc.) as required for the next season	
	Run backup of database following any modifications to data or database structure (including stored procedures and triggers)	
	Develop new or modify existing reports if needed	
	Contact agencies to determine database needs for upcoming trapping season	
February	Continue as in January	
March	Move previous season's data into archive tables (including quad and county-based data from node at MSU – data can be copied from snapshots)	Run backup of database both before and after archiving data
	Clear data from tables following data archival, DBA should do the same at MSU	
	Load new predetermined site data into site_locations table	DBA at MSU will also need to load data into site_locations and site_locations_cty table
	Enter trapper info into database if received from agencies	
	Update site_locations table as changes are provided by agencies	

Survey Implementation:

Month	Tasks	Notes
April	Enter trapper info into database prior to loading trap placement data	DBA at MSU should do the same at that node
	Enter trapper territory (bid unit) data into bid_unit table after trapper info	ID from people table is used as contractor number in bid_unit

	has been entered	table (not all agencies provide bid unit info)
	Begin receiving and processing trap placement data from earliest trapping areas (NC, WV, Eastern VA)	text files from GPS units, database is updated automatically if GPS File Uploader software is used
	WWW reports are generated and updated automatically once data are received	data errors, moth population data, and QC reports
	Perform offline back-up of database twice weekly	Run full export then shutdown database for offline backup to tape
	Create new or modify existing reports upon request	
	Correct data errors as corrections are received from field	
	Continue to update site_locations table as site changes are received from agencies	
	Create a database job that will run nightly snapshot updates of data at MSU	Usually scheduled to run at approximately 6:00 a.m.
May	Continue as in April	
	Continue to update site_locations table as site changes are received from agencies	
	Begin receiving trap placement data from remainder of trapping areas	
	Begin receiving trap inspection data from earlier trapping areas, QC inspections arriving first from NC and Eastern VA	
June	Continue as in May	
	Begin receiving and processing trap inspection data from remainder of trapping areas	GPS files load automatically with GPS File Uploader software
July	Continue as in June	
	All sites should be addressed, attempt to resolve all trap placement errors	WI, MN may be an exception
August	Continue as in July	
	All WI and MN sites should be addressed, attempt to resolve all trap placement errors	DBA at MSU responsibility

D e c i s i o n - m a k i n g :

Month	Tasks	Notes
September	Continue as in August	
	Resolve all errors, finalize data by third week	All states except IL, MI, MN and WI

	Generate GIS files and data reports for post-season analysis	Planning meetings usually begin in early October	
October	Resolve all errors, finalize IL data by first week	Illinois only – assist DBA at MSU if needed	
November	Perform database administration	- analyze database objects (tables, indexes, etc.) for efficient space usage , modify storage parameters as necessary	
		- install software (upgrades, new software, etc.)	
	Resolve all errors, finalize data by first week (MI, MN, WI)	assist DBA at MSU if needed	
	Modify existing and/or create new stored procedures and database triggers		
	Create files to be submitted to NAPIS database	Provide files to cooperators, agencies will submit files to NAPIS. Virginia files should be given to Virginia's State Survey Coordinator. Copy NAPIS coordinator at Perdue on all files.	
	Develop new or modify existing reports as needed		
December	Run final back-up of database to tape, including full export	Two backups can be run, store one copy off-site	
	Modify database objects (tables, indexes, etc.) as required for the next season		
	Run back-up of database following any modifications to data or database structure (including stored procedures and triggers)		
	Perform database administration		
	Stop job that runs the nightly snapshot update until next trapping season		
	Develop new or modify existing reports as needed		

     Page developed and maintained by Virginia Tech   **Contact Us**