

Minutes of the Board of Directors of The Gypsy Moth Slow the Spread Foundation, Inc.

Meeting Specifics

Purpose	Time	STS Foundation Board Chair
Monthly Meeting	10:00AM Central	Kimberly Thielen Cremers (MN)
Date	11:00AM Eastern	Location
April 5, 2023	Minutes Approved: June 7, 2023	Virtual (Teams)

Proper notice having been duly given to each Board member; a conference call of the Board of Directors was held on the above date.

Board Members 05-APR-23

President: <input checked="" type="checkbox"/> Kimberly Thielen Cremers (MN)		Vice-President / Treasurer: <input checked="" type="checkbox"/> Joy Goforth (NC)		Secretary: <input checked="" type="checkbox"/> Carl Harper (KY)	
<input checked="" type="checkbox"/> Scott Schirmer (IL)	<input checked="" type="checkbox"/> Phil Marshall (IN)	<input type="checkbox"/> Tivon Feeley (IA)	<input checked="" type="checkbox"/> Jonathan Shields (OH)	<input checked="" type="checkbox"/> Larry Nichols (VA)	
<input checked="" type="checkbox"/> Tim Brown (WV)	<input checked="" type="checkbox"/> Renee Pinski (WI)				

Others Participating in the Meeting

Illinois <input checked="" type="checkbox"/> Nancy Johnson	Indiana <input type="checkbox"/> Megan Abraham	Iowa <input type="checkbox"/>	Kentucky <input type="checkbox"/> JD Loan	Minnesota <input type="checkbox"/>
North Carolina <input type="checkbox"/> Sara Lalk <input type="checkbox"/> James Goethe	Ohio: <input type="checkbox"/>	Tennessee <input type="checkbox"/> Hannah Hollowell	Virginia <input checked="" type="checkbox"/> David Gianino	West Virginia <input checked="" type="checkbox"/> Andy Stotts
Wisconsin <input type="checkbox"/> Brian Kuhn (WI)	GMSTS, Inc. <input checked="" type="checkbox"/> Georgia Brock	US Forest Service <input checked="" type="checkbox"/> Tom Coleman <input type="checkbox"/> John Kyhl <input checked="" type="checkbox"/> Patrick Engelken <input checked="" type="checkbox"/> Derek Puckett <input type="checkbox"/> Chris Hayes <input type="checkbox"/> David Mausel <input type="checkbox"/> Tim Tomon	USDA APHIS <input checked="" type="checkbox"/> Kathryn Bronsky <input checked="" type="checkbox"/> Anthony Man-Son-Hing	Virginia Tech <input type="checkbox"/> Mannin Dodd
Michigan State <input type="checkbox"/> Travis Perkins	MPC (Auditors) <input type="checkbox"/> Michael Palazzo	Guests <input checked="" type="checkbox"/> Sonia Bruck (USFS SRS) <input checked="" type="checkbox"/> Matt Sloggy (USFS FWS)		

Whereas, the above noted directors constitute a quorum, and there is no objection to this proceeding, the following business was conducted:

Agenda (all times listed are in Eastern time)

Time	Agenda Item	Presenter/Facilitator
11:00a	Call to order: Roll call Call for additional discussion items Approval of minutes Grant and budget spreadsheets Audit committee report Benefit cost analysis project STS updates Miscellaneous business	Kimberly Thielen Cremers Carl Harper Kimberly Thielen Cremers Kimberly Thielen Cremers Georgia Brock/Tom Coleman Phil Marshall Sonia Bruck/Matt Sloggy Tom Coleman Kimberly Thielen Cremers
	Adjournment	All

Status Update of Grant Agreements and Action Items

2022-23 APHIS Regulatory Grant Info as of 27-MAR-23

2022-23 Regulatory Grant	Awarded	Disbursed	Pending	Deobligated	Balance
Illinois	\$22,600.00	\$22,600.00	\$0.00	\$0.00	\$0.00
Minnesota	\$50,000.00	\$13,786.21	\$0.00	\$0.00	\$36,213.79
West Virginia	\$30,000.00	\$25,094.24	\$0.00	\$0.00	\$4,905.76
Wisconsin	\$40,400.00	\$40,400.00	\$0.00	\$0.00	\$0.00
Total Regulatory	\$143,000.00	\$101,880.45	\$0.00	\$0.00	\$41,119.55

Item	Assigned to	Due Date
2022-23 APHIS Regulatory Grant Reporting		
FSR (07/01/22 – 12/31/22)		01/16/2023
Accomplishment Report (07/01/22 – 12/31/22)		01/16/2023
Final FSR (07/01/22 – 06/30/23)		08/15/2023
Final Accomplishment Report (07/01/22 – 06/30/23)		08/15/2023
2022-23 APHIS Regulatory Reimbursement Requests Due		
Period: July 1 – September 30, 2022	IL, MN, WV, WI	10/31/2022
Period: October 1 – December 31, 2022	IL, MN, WV, WI	01/15/2023
Period: January 1 – March 31, 2023	IL, MN, WV, WI	04/30/2023
Period: April 1 – June 30, 2023	IL, MN, WV, WI	07/31/2023
2022-23 APHIS Regulatory Grant Action Items:		

2021 STS Trapping and Treatment Grant Info as of 27-MAR-23

2021: Total of \$4,768,007
Grant #: 19-DG-11083150-004 Mod. 4

2021 Subgrants to States for STS	Award	Deobligated (subtracted)	Disbursed	Pending	Balance
Illinois STS	\$34,869.00	\$0.00	\$34,869.00	\$0.00	\$0.00
Indiana STS	\$197,568.00	\$0.00	\$197,568.00	\$0.00	\$0.00
Iowa STS	\$80,390.00	\$0.00	\$80,390.00	\$0.00	\$0.00

Kentucky STS	\$44,000.00	\$0.00	\$43,162.70	\$0.00	\$837.30
Michigan - Calibration fly-in	\$9,000.00	\$0.00	\$9,000.00	\$0.00	\$0.00
Minnesota STS	\$650,880.00	\$0.00	\$619,288.69	\$0.00	\$31,591.31
North Carolina STS	\$107,473.00	\$0.00	\$89,094.09	\$0.00	\$18,378.91
Ohio STS	\$480,660.00	\$0.00	\$480,660.00	\$0.00	\$0.00
Tennessee	\$40,958.00	\$0.00	\$40,958.00	\$0.00	\$0.00
Virginia STS	\$675,757.00	\$0.00	\$675,757.00	\$0.00	\$0.00
West Virginia STS	\$323,910.00	\$0.00	\$323,910.00	\$0.00	\$0.00
Wisconsin STS	\$681,716.00	\$0.00	\$681,716.00	\$0.00	\$0.00
Grayson & Perry Proposal SUNY)	\$10,000.00	\$0.00	\$5,591.75	\$0.00	\$4,408.25
Jon Walter (University of VA)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Subtotal STS Grants	\$3,337,181.00	\$0.00	\$3,281,965.23	\$0.00	\$55,215.77

Total Funds in Grant	\$4,768,007.00
Subtotal Disbursed/Pending in subgrants	\$3,281,965.23
Subtotal Foundation Expenses	\$586,311.44
Total Spent	\$3,868,276.67
Balance	\$899,730.33
Obligated but not Spent	\$1,136,730.33

Item	Assigned to	Due Date
2021 STS Trapping and Treatment Grant Reports		
Annual FSR (01/01/21 – 12/31/21)	All receiving funds	01/29/2022
Annual Performance Report (01/01/21 – 12/31/21)		01/29/2022
Final Performance Report (01/01/21 – 12/31/21)		07/15/2022
Final FSR (01/01/21 – 06/01/22)		07/15/2022
2021 STS Trapping and Treatment Action Items:		
Items highlighted in green above in the 2021 balance for each state has been deobligated		

2022 STS Trapping and Treatment Grant Info as of 27-MAR-23

2022: Total of \$4,412,357
Grant #: 19-DG-11083150-004 Mod. 7

2022 Subgrants to States for STS	Award	Deobligated (subtracted)	Disbursed	Pending	Balance
Illinois STS	\$109,257.00	\$0.00	\$108,786.80	\$0.00	\$470.20
Indiana STS	\$230,968.00	\$0.00	\$103,681.61	\$0.00	\$127,286.39
Iowa STS	\$80,405.00	\$0.00	\$60,638.50	\$0.00	\$19,766.50
Kentucky STS	\$44,000.00	\$0.00	\$24,134.48	\$3,410.30	\$16,455.22
Michigan - Calibration fly-in	\$9,000.00	\$0.00	\$9,000.00	\$0.00	\$0.00
Minnesota STS	\$508,941.00	\$0.00	\$461,369.89	\$0.00	\$47,571.11
North Carolina STS	\$107,608.00	\$0.00	\$48,684.70	\$0.00	\$58,923.30
Ohio STS	\$421,705.00	\$0.00	\$195,142.75	\$9,069.10	\$217,493.15
Tennessee	\$88,658.00	\$0.00	\$71,600.65	\$0.00	\$17,057.35
Virginia STS	\$671,632.00	\$0.00	\$335,398.25	\$0.00	\$336,233.75
West Virginia STS	\$349,031.00	\$0.00	\$207,157.12	\$0.00	\$141,873.88

Wisconsin STS	\$795,214.00	\$0.00	\$683,959.62	\$0.00	\$111,254.38
Dylan Parry (SUNY)	\$10,000.00	\$0.00	\$1,745.61	\$0.00	\$8,254.39
Derek Johnson (VCU)	\$29,983.00	\$0.00	\$0.00	\$0.00	\$29,983.00
Subtotal STS Grants	\$3,456,402.00	\$0.00	\$2,311,299.98	\$12,479.40	\$1,132,622.62
Total Funds in Grant	\$4,300,944.00				
Subtotal Disbursed/Pending in subgrants	\$2,323,779.38				
Subtotal Foundation Expenses	\$584,923.06				
Total Spent	\$2,908,702.44				
Balance	\$1,392,241.56				
Obligated but not Spent	\$1,392,241.56				
Item	Assigned to		Due Date		
2022 STS Trapping and Treatment Grant Reports					
Annual FSR (01/01/22 – 12/31/22)	All receiving funds		01/29/2023		
Annual Performance Report (01/01/22 – 12/31/22)			01/29/2023		
Final Performance Report (01/01/22 – 12/31/23)			07/15/2023		
Final FSR (01/01/22 – 05/31/22)			07/15/2023		
2022 STS Trapping and Treatment Action Items:					
Assigned Action Items as of 05-APR-23					
Item	Assigned to		Due Date		
STS Foundation Board Performance Review of Auditors	The STS Foundation Board		May 2023		
Action: Review of the STS Foundation Board auditors (MPC) performance of the Boards finances at the May 2023 Board meeting.					
Tennessee to join the STS Foundation Board:	The STS Foundation Board/Tom Coleman (FS)		In Progress		
Action: The Board is waiting for SPRO submitted application from TN. Once received, the board will review and vote at the next Board meeting on voting in TN to the STS Foundation Board. It is suggested that Tom Coleman (FS) follow up with TN to see where they might be in the process.					
Action: Once TN has been added as a confirmed Board Member – the STS Foundation Board will update its documentation – send it to the STS Foundation Board member states for signatures to finalize the process for each state individually.					

Agenda Item Notes

Topic	Discussion (all times are listed in Eastern time)
1. Call to order	<ul style="list-style-type: none"> Called to order at 11:03a AM by President Kimberly Thielen Cremers (MN)
2. Roll call	<ul style="list-style-type: none"> Secretary Carl Harper (KY) did roll call and quorum was met.
3. Approval of minutes	<ul style="list-style-type: none"> February 22, 2023, Board Minutes <ul style="list-style-type: none"> Motion by Phil Marshall (IN), Seconded by Jonathan Shields (OH), Approved.

<p>4. Grant and budget spreadsheets (03272023 spreadsheet_final official.xlsx, STS 2023 budget (3-28-23).xlsx)</p>	<ul style="list-style-type: none"> • Tom Coleman (US FS) and Georgia Brock (Foundation) <ul style="list-style-type: none"> ○ 2022 - 2023 Regulatory <ul style="list-style-type: none"> ▪ Spending is starting. ○ 2023 – 2024 Regulatory <ul style="list-style-type: none"> ▪ Hasn't started yet. And all receiving funds agree with the fund allocations in place. ▪ Anthony Man Song Hing (USDA APHIS) confirmed that it is \$143,000. ○ 2022 FS <ul style="list-style-type: none"> ▪ Reimbursements have been submitted to US FS for payment and we are still waiting for those payments. <ul style="list-style-type: none"> • Tom Coleman (FS) gave more information on payment delays. Mentioned to his contacts that it is getting long enough to receive payments is FS responsible for late fees? More conversation is being had. More hiring is taking place for FS financial office. ○ 2023 FS <ul style="list-style-type: none"> ▪ Need the applications from the states that are still not submitted. The Foundation does have the funds available to move forward. ▪ Need to be sure to cc the board member of that state when communicating with the financial folks. ○ STS 2023 Budget <ul style="list-style-type: none"> ▪ Some changes on contract trappers ▪ Minor tweaks are occurring as final numbers are coming in. ▪ This is the last year to be able to modify this grant (5-year limit). <ul style="list-style-type: none"> • Work with each state to get the new grant process in order.
<p>5. Audit committee report</p>	<ul style="list-style-type: none"> • Phil Marshall (IN) <ul style="list-style-type: none"> ○ Reviewed the Foundation Board books, and all were in order.
<p>6. Benefit cost analysis project</p>	<ul style="list-style-type: none"> • Sonia Bruck / Matt Sloggy (US FS Research) <ul style="list-style-type: none"> ○ Tom Coleman (FS) gave some background. ○ Sonia Bruck (US FS SRS) / Matt Sloggy (US FS PSW [Pacific Southwest]) <ul style="list-style-type: none"> ▪ Both are research economists. ▪ Why now? Time for an update! ▪ First analysis in 1996, then 2008. The 2008 analysis is projected to 2025. ▪ Objective 1: explore benefits and costs associated with STS Program up through 2045. ▪ Objective 2: Assess management strategies for STS using optimal control methods to keep program costs low and benefits high; Assess effective jump-spread management; Explore cost-minimization strategies under uncertainty.

	<ul style="list-style-type: none"> ▪ Board feedback requested above what is already on the list for them to review: <ol style="list-style-type: none"> 1. Focus on survey (i.e., grid patterns). 2. Can you move mating disruptions into a higher population zone? 3. Slow the spread management costs vs suppression management costs vs USDA APHIS survey management costs? 4. Quarantine impacts – cost to us as regulators, education and outreach personnel, etc. 5. Re-education/material cost with the name change from gypsy moth to spongy moth. 6. Staffing hours costs APHIS PPQ 7. Are we looking at STS specifically or spongy moth nationally. 8. STS is the buffer between suppression and eradication. 9. Consider looking at APHIS line items for spongy moth to officers and in the federal funding to the states for spongy moth monitoring program. ▪ Any data/questions/other feedback you have please share with Tom Coleman (US FS) and Sonia Bruck (US FS SRS) sonia.bruck@usda.gov
7. STS updates	<ul style="list-style-type: none"> • Tom Coleman (US FS) <ul style="list-style-type: none"> ○ Mating disruption contract has gone out. ○ Finalizing aviation plan and sent for review. ○ All EAs for southern states have been reviewed and sent to the regional office. ○ Calibration at MDA happened April 4, 2023 ○ The '20-year document' has been ready for movement for a while and now it seems movement is happening. ○ Contract for Bt is expiring and needs updated (Phil Marshall – IN)
8. APHIS update	<ul style="list-style-type: none"> • Kathryn Bronsky (APHIS) <ul style="list-style-type: none"> ○ Updates on quarantine counties <ul style="list-style-type: none"> ▪ Send out soon a federal order to expand the quarantine in WI (another county) ▪ Coordinating with IN to expand the quarantine to two more counties later this year. ▪ Now the list of areas will be pointed to their website
9. Miscellaneous	<ul style="list-style-type: none"> • Discussion Items <ul style="list-style-type: none"> ○ Legal name change for the Foundation Board is being worked on. ○ Logo update is being worked on for the Foundation Board. ○ 'Application 101' course is being worked on by the Aerial Application Safety Committee (National Lymantria Management Board) and plan to have in October 2023. Make plans to attend.

	<ul style="list-style-type: none"> ○ Central Plant Board Meeting to be held April 24-27, 2023.
10. Adjournment	<ul style="list-style-type: none"> • Carl Harper (KY) made a motion to adjourn, Phil Marshall (IN) seconded the motion. The motion passed. • Adjourned 12:20p

2023 STS Conference Call and Meeting Schedule		
Conference calls are scheduled for the 1 st Wednesday of each month at 10:00 CT/11:00 ET unless otherwise scheduled by the Board President. The call-in was via Microsoft Teams.		
Date	Meeting Type	Held / Cancelled / Pending
January 4, 2023	Microsoft Teams Call	Held
February 22, 2023	Annual Face-to-Face Meeting	Held (Raleigh, NC and via Teams)
March 1, 2023	Microsoft Teams Call	Cancelled
April 5, 2023	Microsoft Teams Call	Held
May 3, 2023	Microsoft Teams Call	Pending
June 7, 2023	Microsoft Teams Call	Pending
July 5, 2023	Microsoft Teams Call	Pending
August 2, 2023	Microsoft Teams Call	Pending
September 6, 2023	Microsoft Teams Call	Pending
October 4, 2023	Microsoft Teams Call	Pending
November 1, 2023	Microsoft Teams Call	Pending
December 6, 2023	Microsoft Teams Call	Pending

The foregoing motions and actions, by unanimous consent, are to have full force and effect as of April 5, 2023, unless otherwise indicated by the Board.

Carl Harper, Secretary