

2020 PROGRESS REPORT

Quarter: (circle one) 2020 1st **2020 2nd** 2020 3rd 2020 4th

Grant Program, Number and Title: RCN 2 Project 2 Job 1, GSA 00078, Bee Identification and Specimen Data Management

Organization: Clare Maffei

Project Leader: John Heilferty

Abstract: Please provide a short (1-2 paragraphs) abstract that addresses EACH of the following: the objectives of your project, accomplishments to date, future plans and timelines with an estimate for when the project will be completed.

Were planned goals/objectives achieved last quarter?

Not to date.

Progress Achieved: (For each Goal/Objective, list Planned and Actual Accomplishments)

See italicized progress following each goal below.

- a. Contractor will provide all primary bee identification services in support of the RCN project, under the supervision of Sam Droege and using USGS Patuxent Wildlife Research Center facilities. It is estimated that the contract will require the identification of between 3,000 and as many as 4,500 bee specimens during the course of this contract.
 - i. *Has identified 3,540 specimens. Not all specimens have completed processing to be ready to be identified due to Covid-19 delays*
- b. Contractor will ensure that each specimen provided for identification is processed in manner facilitating the specimen's identification to be merged into a database to be primarily managed by contract staff of the USGS Patuxent Wildlife Research Center (Polistes Foundation staff).
 - i. *Contractor has maintained this goal to the best of her ability, though not all identifications have been confirmed and scanned to database by USGS Patuxent Wildlife Research Center staff due to Covid-19 delays.*
- c. Contractor shall assist as necessary in the overall management of the RCN project bee database,
 - i. *Has assisted with 2018 and 2019 data. Awaiting feedback and permission to merge into DiscoverLife.*
- d. Contractor will provide a brief summary report describing the general findings and noteworthy observations of the sampling season.
 - i. *Not relevant to progress at this point. Incomplete data cannot be analyzed. Awaiting feedback on if a mid-data report is helpful, as Covid-19 may delay complete data processing indefinitely.*

Difficulties Encountered:

Covid-19 preventing bees processing at USGS & delays with databasing with time constraints by all due to global pandemic.

Activities Anticipated Next Quarter:

- a. *Continue working on remaining Lasioglossum 's.*
- b. *Provide working report based on current status of data?*
- c. *Contribute to the expedited adding of specimens to database.*
- d. *Continue providing the high-quality service.*

Expected End Date:

End of 2020, pending renewal

Costs:

Total life to date expenses (include this quarter):

$$\$5,007 + \$2,818 = \$7,825$$

Total Approved Budgeted Funds:

Re-reading the contract amendment with increased database hours and salary, I am confused what the cap is: but all numbers in the contract are 14,000-37,500.

Are you within the approved budget plan and categories?

Yes

Signature:

Clare Maffei

Date:

7/17/20