

From: [Guinotte, John](#)
To: [Stephen Torbit](#)
Cc: [Michael Thabault](#); [Betty Grizzle](#); [Shoemaker, Justin](#)
Subject: wolverine genetics estimate / questions for Schwartz
Date: Tuesday, May 30, 2017 1:16:46 PM

Hi Steve,

We talked about what is needed cost estimate wise after you jumped off.

We need to know the following from Schwartz:

1. Does Schwartz know how many wolverine samples there are in the 300 total hair samples he has in hand? Is it 100, 150?
2. What is the total cost to run microsatellites only on the wolverine samples? When will he have the results?
3. Need to make sure his cost estimate includes appropriate statistical analyses and interpretation of those results.

Thanks,
John

John Guinotte
Fish and Wildlife Biologist
Ecological Services
U.S. Fish and Wildlife Service
Mountain Prairie Region 6
134 Union Blvd., Lakewood, CO 80228
303-236-4264
john_guinotte@fws.gov