

Hi Saska,

Thank you for making bats the focus of your studies! I, Lindsey Heffernan, wildlife biologist for the Pennsylvania Game Commission give you permission to use my WNS spread maps in your thesis. Cal Butchkoski did create the maps in the beginning, and when he retired I took over. I actually redid all of the maps because the area had expanded so much. To make things less complicated, I could send you whichever year(s) you are looking for so they all have my name on them. I have attached the first map and last map, but let me know if you need others. I also attached the colorful map and the less colorful map if you are limited by printing costs.

Sincerely,

Lindsey Heffernan

Pennsylvania Game Commission

Mammal Atlas Coordinator

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