

APPENDIX

Cover letter and Paper-based version of questionnaire made available to marine mammal workers from Dec. 2001-Sept. 2002

Recipient

Re: Questionnaire for Marine Mammal Pathogens that can infect humans

Worldwide contact with marine mammals has increased as a result of more intensive rehabilitation, education, entertainment and recreation programs. Since marine mammals are known to contract and carry pathogens that can potentially infect humans, the Marine Mammal Commission, in conjunction with the National Marine Fisheries Service (NMFS), is requesting your participation in investigating such zoonotic disease occurrences. **YOUR INFORMATION IS CRITICALLY IMPORTANT WHETHER OR NOT YOU BELIEVE THAT YOU HAVE EVER CONTRACTED A DISEASE FROM A MARINE MAMMAL.**

The attached questionnaire is designed to survey those people who come in contact with marine mammals and are at risk of contracting zoonotic diseases. It should take **APPROXIMATELY 5 – 10 MINUTES TO COMPLETE**. In an effort to better understand pathogen transmission from marine mammals to humans and their associated risk, we aim to estimate the probability of disease transmission and the nature and severity of the consequences. All information provided on the questionnaire is strictly anonymous and confidential, and no attempt will be made to determine submitters' identities. Data provided may be summarized and provided to marine mammal management agencies and the public.

Thank you for your input and time.

Sincerely,

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8. During the time in which you Have Been in contact with marine mammals, did you experience any respiratory illnesses? θYes θNo

If yes, approximately how often?

θ Once or twice θ Once per year θ 2-4 times per year θ 5-10 times per year θ More than once per month

How long was the longest episode?

θ Less than a week θ 1-2 weeks θ 2-4 weeks θ 1-6 months θ More than six months

Do you believe any of these occurrences to be a result of your contact with marine mammals? θYes θNo

If yes, please explain. _____

Were any of these illnesses diagnosed by a medical doctor? θYes θNo

What were the doctor's diagnoses? _____

9. During the time in which you were in contact with marine mammals, did you ever experience prolonged malaise? qYes qNo

If yes, how often

θ Once or twice θ Once per year θ 2-4 times per year θ 5-10 times per year θ More than once per month

How long was the longest episode?

θ Less than a week θ 1-2 weeks θ 2-4 weeks θ 1-6 months θ More than six months

Do you believe any of these occurrences to be a result of your contact with marine mammals? ? Yes ?No

If yes, please explain. _____

Was this illness diagnosed by a medical doctor? θYes θNo

What was the doctor's diagnosis? _____

10. Please describe any additional symptoms from which you suffered during the time you were in contact with marine mammals? (Check all that apply)

- Fever □ Nausea or Vomiting □ Yellow skin and eyes
□ Headache □ Fatigue and/or weakness □ Red, runny eyes
□ Diarrhea □ Joint pain □ Ulcers on the eyes

11. Have you ever been diagnosed with complications or disease from any of the following? (Check all that apply)

- Aeromonas □ Brucella □ Clostridia
□ Corynebacterium □ Erysipelothrix □ Leptospira
□ Mycobacteria tuberculosis □ Mycobacteria bovis □ Mycobacteria murium
□ Mycoplasma □ Pasteurella □ Proteus
□ Pseudomonas □ Salmonella □ Staphylococcus
□ Streptococcus □ Vibrio □ Calicivirus (San Miguel Sea Lion Virus)
□ Poxvirus (Seal & Dolphin Pox) □ Influenza □ Adenovirus (Sea Lion Hepatitis)
□ Herpes virus □ Rabies □ Rotavirus
□ Blastomycoses □ Candida □ Aspergillosis

12. Have you ever had sealfinger? qYes qNo

13. Do you believe any of your described illnesses to be a result of contact with marine mammals? q Yes q No

If yes, explain: _____

14. Have you ever had a positive tuberculosis test during the time you were in contact with marine mammals? qYes qNo qNot tested

If Yes, was this by ? skin test or ? chest x-ray

15. Please indicate your gender: q Male q Female

If female, did you ever have a miscarriage during the time you were in contact with marine mammals? θ Yes θ No

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16. Do you consider your immune system to be intact?

q Yes qNo

17. Please list medical treatments for specific problems listed above and their success or failure:

Pleas return survey to the Wildlife Health Center, University of California, Davis CA 95616 USA