

IN THE UNITED STATES DISTRICT COURT  
FOR THE DISTRICT OF COLUMBIA

AMERICAN SOCIETY FOR THE PREVENTION  
OF THE CRUELTY TO ANIMALS, ET AL.,

Plaintiffs,

vs.

FELD ENTERTAINMENT, INC.,

Defendant.

CA No. 03-2006  
Washington, DC  
February 4, 2009  
2:10 p.m.

PM Session

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TRANSCRIPT OF BENCH TRIAL  
BEFORE THE HONORABLE EMMET G. SULLIVAN  
UNITED STATES DISTRICT JUDGE

APPEARANCES:

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For the Plaintiff:

JOYCE H. POOLE, PH.D

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1 P R O C E E D I N G S

2 THE COURT: Proceed.

3 MS. MEYER: Thank you, Your Honor. We'd like to  
4 call to the stand Dr. Joyce Poole.

5 Thereupon,

6 JOYCE H. POOLE, Ph.D.,

7 the witness herein, having been first duly sworn, was examined  
8 and testified as follows:

9 DIRECT EXAMINATION

10 BY MS. MEYER:

11 Q. Good afternoon, Dr. Poole.

12 A. Good afternoon.

13 MS. MEYER: Your Honor, in light of the defendants'  
14 Daubert challenge for Dr. Poole, I do intend to spend a little  
15 bit of time qualifying her before I tender her as an expert.

16 BY MS. MEYER:

17 Q. Dr. Poole, would you please state your full name for  
18 the record.

19 A. Dr. Joyce Hathaway Poole.

20 Q. And where do you live?

21 A. I currently live in Norway.

22 Q. And where were you born?

23 A. I was born in Germany.

24 Q. Where did you grow up?

25 A. I grew up in Africa.

1 Q. And do you have a doctorate degree?

2 A. Yes, I do.

3 Q. What is that in?

4 A. Animal behavior.

5 Q. Where did you earn your doctorate?

6 A. University of Cambridge.

7 Q. When did you get your doctorate degree?

8 A. 1982.

9 Q. And did you have any particular area of study for your  
10 doctorate degree?

11 A. My thesis was "Musth and male-male competition in the  
12 African elephant."

13 Q. Did you study any particular research methodologies at  
14 Cambridge?

15 A. Well, my thesis was a focal animal sampling, and I used  
16 also scan sampling for my thesis.

17 Q. And is that -- are those methodologies based on  
18 observations?

19 A. Yes, they are.

20 Q. And who taught you this method of research?

21 A. Well, it's an established methodology. There's a very  
22 well-known paper by Jeanne Altmann, 1974, but it was taught to  
23 me by Professor Robert Hinde, who's a professor of the Royal  
24 Society.

25 Q. And do you know of any other scientists who were

1 trained by Professor Hinde in behavioral research?

2 A. One that everyone in this room probably knows is Jane  
3 Goodall.

4 Q. Who is Jane Goodall?

5 A. Jane Goodall is very well-known for her studies of the  
6 chimpanzees of Gombe Stream National Park in Tanzania.

7 Q. Are these research methodologies that you've described  
8 relied on by scientists in your field?

9 A. Yes, they are.

10 Q. Where do you currently work?

11 A. Well, I currently, my field work, I have two field  
12 sites, one in Kenya in Amboseli National Park, and now another  
13 in Sri Lanka, in Minneriya and Kaudulla National Park. But my  
14 home office is in Norway.

15 Q. And do you currently have any other projects underway?

16 A. You mean non-field projects?

17 Q. Yes.

18 A. I do a lot of advocacy work, speaking out on behalf of  
19 elephants in various places, in the wild and in captivity.

20 Q. Prior to your current endeavors, where did you do your  
21 field study?

22 A. Sorry. Can you repeat that?

23 Q. Where have you spent most of your time in the field?

24 A. Most of the time. Most of my -- since I was 19 I've  
25 been involved in the Amboseli Elephant Research Project in

1 Amboseli National Park, Kenya.

2 Q. Could you tell Judge Sullivan what the Amboseli  
3 Research Project is?

4 A. It is the longest study of African elephants, or  
5 actually of any elephants in the world. It was started in  
6 1972 by Cynthia Moss, and she's still running the project. It  
7 has databases over all these years on many, many thousands of  
8 observations of individual elephants, their life histories,  
9 groups of elephants, how they form and -- families form and  
10 split up and so on. And it's relied on by people all over the  
11 world.

12 Q. And so how long have you actually worked with the  
13 Amboseli Research Project?

14 A. Since 1975.

15 Q. What does your work entail, briefly?

16 A. Well, I've done a number of different studies. My  
17 early work was a study of musth in African elephants. I  
18 discovered musth in African elephants and went on to describe  
19 it. I've studied, done a very long-term study of acoustic  
20 communication and visual-tactile communication. I've done a  
21 study survey, actually not in Amboseli, or including Amboseli  
22 and other areas, on the effects of poaching on the age  
23 structure and reproductive patterns of elephant populations.

24 And I've worked with my colleagues on a number of  
25 different studies in Amboseli on elephant cognition, on

1 demography, on social learning, on leadership of females, male  
2 ranging patterns and so on.

3 Q. And you mentioned to Judge Sullivan that scientists,  
4 others rely on the work that is done at Amboseli?

5 A. That's correct.

6 Q. Can you give us some idea of the other scientists who  
7 are associated with the project. You mentioned Cynthia Moss.  
8 Are there others?

9 A. Yes. Cynthia Moss. Dr. Keith Lindsay, Dr. Phyllis  
10 Lee, Dr. Karen McComb, Dr. Beth Archie, Dr. Lucy Bates, Hamisi  
11 Mutinda, Kadzo Kangwana. These are all doctors. I'm sure  
12 there are still more.

13 Q. Okay. How many hours of field study have you had in  
14 connection with this project?

15 A. Well, it's kind of hard for me to add all those up, but  
16 I do know that as of the end of 1989 I had spent eight years  
17 living in a tent and going out with elephants six days a week.  
18 So quite a bit of time.

19 Q. How many elephants do you think you have observed over  
20 your lifetime?

21 A. Well, close observations on the particular population  
22 in Amboseli, which currently numbers 1,550 or so elephants.  
23 But I have observed elephants in many different national  
24 parks, in Kenya and outside Kenya, and I would say between  
25 10,000 and 20,000 elephants.



1 Q. And what species of elephants are you studying in the  
2 Amboseli Research Project?

3 A. The African savanna elephant.

4 Q. Has your work that you've done at Amboseli been relied  
5 on by scientists who study Asian elephants?

6 A. Yes, it has.

7 Q. Can you name any experts who -- experts in Asian  
8 elephants who have relied on the work that has been done at  
9 Amboseli?

10 A. I suppose the most notable would be Professor Raman  
11 Sukumar.

12 Q. Who is he?

13 A. He is the preeminent specialist on Asian elephants.

14 Q. And are you familiar with a book that was published by  
15 Professor Sukumar in 2003 entitled "The Living Elephant"?

16 A. Yes, I am.

17 Q. This is a copy of the book right here. This is  
18 something that you cite in your report; is that correct?

19 A. Yes, I have.

20 Q. And how would you describe this book?

21 A. Well, it's a very detailed book on -- well, on all  
22 three species, but with most emphasis on the Asian elephant.

23 Q. And do you know how this book is regarded in the  
24 scientific community?

25 A. Dr. Sukumar is very highly regarded from all elephant

1 biologists, and of course it's regarded as a key document in  
2 the study of Asian elephants.

3 Q. Is your research work cited by Dr. Sukumar in this  
4 book?

5 A. Yes, it is.

6 Q. In fact, if I turn to the reference section, would you  
7 be surprised to find out that your work, where you are the  
8 principal author, is cited no less than 12 times by Dr.  
9 Sukumar in his book?

10 A. I would not.

11 Q. Have you collaborated with Professor Sukumar on any  
12 projects?

13 A. Yes, I have.

14 Q. Can you explain what they are?

15 A. In the -- over the course of the last year I've worked  
16 with Dr. Sukumar and with several other elephant biologists,  
17 key elephant biologists, in writing a charter for elephants.  
18 And that's -- the other people have been Cynthia Moss, Andrea  
19 Turkalo, Katherine Payne, so the experts, the key experts on  
20 the three elephant species. And the charter was to provide  
21 sort of guiding principles based on elephant biology, to form  
22 a touchstone for anyone wishing to address the interests of  
23 elephants.

24 Q. Do you collaborate with other scientists in the course  
25 of doing your research?

1 A. Yes.

2 Q. Do you share your behavioral observations with other  
3 scientists as part of doing your research?

4 A. Yes, I do.

5 Q. Do they in turn share their observational -- behavioral  
6 observations with you?

7 A. Yes, they do.

8 Q. And do you sometimes rely on information you obtain  
9 from other scientists in the course of doing your research?

10 A. Yes.

11 Q. Have you ever been employed by any governmental  
12 entities?

13 A. Yes, I have.

14 Q. Which one?

15 A. The Kenya Wildlife Service.

16 Q. When was that?

17 A. Between 1990 and 1994.

18 Q. What was your title?

19 A. I was hired by Dr. Richard Leakey to head the elephant  
20 program for the Kenya Wildlife Service, and I was responsible  
21 for setting management policy for the country and the  
22 conservation and management of the country's 25,000 elephants.

23 Q. Who is Dr. Richard Leakey?

24 A. He's a very well-known paleontologist and  
25 conservationist.

1 Q. Are you familiar with the Asian elephant?

2 A. I am.

3 Q. It's a different species than the African elephant; is  
4 that correct?

5 A. Yes, in fact it's a different genus.

6 Q. And did you study the Asian elephant at all in  
7 connection with obtaining your Ph.D?

8 A. I did in the sense of very detailed literature  
9 research, because my study, as I explained, was on musth and  
10 then male-male competition, and musth had been known about for  
11 centuries in Asian elephants, but we had only just discovered  
12 it in African elephants, so I was doing comparison between the  
13 two species.

14 Q. Have you attended conferences on elephants with other  
15 scientists who are Asian elephant experts?

16 A. Yes, I have.

17 Q. Have you had an opportunity to observe Asian elephants  
18 in the wild?

19 A. Yes, I have.

20 Q. When?

21 A. I have in 19 -- let's say 1995 in India, in 1993 in Sri  
22 Lanka, in 1993 -- sorry, 2003 in Sri Lanka, and again in 2008,  
23 2006 in Thailand. I think that's it.

24 Q. Are you currently involved in the study of Asian  
25 elephants?

1 A. Yes, I am.

2 Q. Can you explain what you are doing?

3 A. I'm working together with my husband and a Sri Lankan  
4 conservationist, Manori Gunawardena.

5 Q. Can you spell that?

6 A. Yes. M-A-N-O-R-I, G-U-N-A-W-A-R-D-E-N-A, Gunawardena.

7 Q. Who is Manori Gunawardena?

8 A. Manori has studied Asian elephants for, gosh, 10 years  
9 or so, done a lot of conservation work. Her work is mainly  
10 focused on conservation and ranging patterns. But she has  
11 also done some social behavior work. So we're collaborating  
12 now to do a study of the -- a study and particularly a  
13 conservation project on the Minneriya Kaudulla elephant  
14 population.

15 Q. When did you begin that project?

16 A. In August of last year.

17 Q. August of 2008?

18 A. Yes.

19 Q. And how did that collaboration come about?

20 A. When I was in Sri Lanka in 2003 Manori came up to me  
21 and said, told me that she wanted to do a social behavior  
22 study and she wanted to work with me.

23 Q. How many Asian elephants in total would you say you've  
24 had an opportunity to observe in the wild?

25 A. Let's see. At least a thousand, about a thousand.

1 Q. And does that include both adults and young Asian  
2 elephants?

3 A. Yes, it does.

4 Q. Are there physical differences between the two species?

5 A. Yes, there are.

6 Q. Could you describe what they are?

7 A. Well, some obvious differences are Asian elephants have  
8 very small ears, African elephants have large ears. African  
9 elephants' backs are concave or curved down, and Asian  
10 elephants' are convex. Asian elephants have two domes on the  
11 tops of their heads. They have one finger-like tip at the end  
12 of their trunk, and African elephants have two. They have  
13 thinner-looking skin anyway, African elephants have thicker  
14 skin.

15 African elephants, both males and females, carry  
16 tusks, although there are some tuskless females, whereas Asian  
17 elephants, the females are either tuskless or have vestigial,  
18 what they call tushes. And also in Asian elephants many more  
19 of the males are tuskless than in African elephants.

20 MS. MEYER: I'd actually like to show Your Honor a  
21 photograph that is Figure 1 of Dr. Poole's report.

22 MR. SHEA: Objection, Your Honor. Hearsay.

23 THE COURT: Counsel.

24 MS. MEYER: These are photographs of the two, just  
25 to show you what the two different species look like.

1 THE COURT: There is an objection. Do you want to  
2 respond to it?

3 MS. MEYER: These are simply demonstrative tools to  
4 show you the difference between the two species. We're not  
5 offering it for a statement of any kind.

6 THE COURT: All right. I'll allow them. Just the  
7 figures?

8 MS. MEYER: Yes, just to show you the -- what the  
9 two species look like, Your Honor, since Dr. Poole was just  
10 describing them.

11 THE COURT: She described them.

12 BY MS. MEYER:

13 Q. Dr. Poole, are there similarities between the two  
14 species?

15 A. Yes, there are.

16 Q. What are they?

17 A. Well, they are extremely social animals. They live in  
18 family, matriarchal family groups. Families range in size  
19 from two to 40 individuals. They have very sensitive skin.  
20 They have -- sorry, I've lost my train of thought here. Yeah,  
21 the skin has sensory, sort of sensory nodes in the skin that  
22 has been used by, actually for centuries by mahouts to control  
23 the elephants.

24 They have very sensitive feet. Because they have  
25 cells that can sense vibrations, and also in the trunk, they

1 are both able to detect seismic vibrations. They are both  
2 able to produce very low frequency sounds, in fact sounds  
3 below the level of human hearing, and they use those sounds to  
4 communicate with one another.

5           They live in what we call a fission-fusion  
6 society; that means, very similar to humans, they live in  
7 these family groups, but families are not together all the  
8 time. They split up for maybe days at a time and come back  
9 together again. So they use this acoustic communication and  
10 the seismic communication to keep in touch with one another.  
11 They have extraordinary sense of smell, and again, that's very  
12 important in their social life.

13       Q.    Are both --

14       A.    I could go on and on.

15       Q.    Are both species intelligent?

16       A.    They are both very intelligent. I wanted to say I went  
17 through the film "The Lord of the Jungle," and as I said  
18 earlier, one of my expertises is on the visual and tactile  
19 displays of elephants. So I went through that and just looked  
20 at, made a note of all the different displays and signals that  
21 I saw, and I counted 86 of them that I knew, and of those, 85  
22 are also seen in African elephants. So they are very similar.

23           And then going to the cognition, as I said, they  
24 are very intelligent animals. They are one of the few  
25 nonhuman animals capable of tool use, capable of simple



1 modification of or manufacture -- modification I guess is a  
2 better word, of tools. They are capable of empathy. They are  
3 self-aware. They have an understanding, a rudimentary at  
4 least understanding of death. So we're talking about a very  
5 complex, very complex animal.

6 Q. And do both species move in the wild? Are they mobile  
7 in the wild?

8 A. Very mobile. They travel anywhere from sort of eight  
9 to 15 kilometers a day on sort of an average day. Home range  
10 size is comparable, it tends to be a bit smaller in Asian  
11 elephants, but the average range size in Asian elephants is  
12 about 177 square kilometers, thereabouts. African elephants'  
13 may be a bit bigger, but the range is -- in Asian elephants is  
14 somewhere between 50 square kilometers to almost 7,000 square  
15 kilometers; African elephants a hundred to 11,000. So they  
16 are very similar.

17 Q. Can you describe how an elephant uses its trunk?

18 A. Well, that is actually something that is very important  
19 for my work, because as I said, I study elephant  
20 communication, and I'm very interested in what causes  
21 elephants to vocalize, and trying to really get in their  
22 minds. And the tip of the trunk is very, very key to that,  
23 because where the tip is pointing is where their mind is  
24 focused. So if you watch an elephant's trunk you can really  
25 get an idea of what it's going to do next.

1           So in addition to smelling with their trunk, they  
2 use the trunk for all sorts of things. And they are busy with  
3 smaller and bigger movements all day long. So they may -- for  
4 instance, just feeding for elephants is, you know -- just the  
5 difference between different kinds of grass, they use the  
6 trunks in different ways. They may use it to scrape off the  
7 dirt. They can use it to break open the heart of a palm.  
8 They use the trunk to break a branch and scrape the thorns off  
9 and so on. And of course they use the trunk for tactile,  
10 taking care of babies, and so on.

11           They move from one feeding site to another. And  
12 they move of course for keeping track of meeting up with the  
13 members of their family, staying in touch with members of  
14 their family. Males of course move even more than females,  
15 especially when they are in musth. I can go on. You have to  
16 stop me.

17       Q.    The use of the trunk that you described is true for  
18 both Asian and African elephants?

19       A.    Yes, that's true for Asian and African elephants.

20       Q.    Do both Asian and African elephants experience pain?

21       A.    Yes, they do.

22       Q.    What is your basis for saying that?

23       A.    Well, I mean, I think that's an established fact, that  
24 we are -- you know, we have evolved, we all have the same  
25 sensory, basic sensory makeup, so all mammals, all vertebrates

1 feel pain. That has been established. But you can see it on  
2 elephants. I mean, for instance, I once watched a female  
3 approach an electric fence, and one member of her family was  
4 watching and winced as the female reached up toward it. So  
5 not only do they feel pain, but they are empathizing with  
6 others, anticipating the others that they are close to may  
7 feel pain.

8 Q. I'd like to show you your curriculum vitae if we could,  
9 which is Appendix A to Dr. Poole's report. And I'd like to  
10 ask you if this CV is an accurate recitation of your education  
11 and professional work experience?

12 A. Yes.

13 Q. And is there anything that needs to be added to this to  
14 get it up to date?

15 A. I believe there were -- I have to put on my glasses. I  
16 believe there's two papers there that are now in print.

17 Q. I think if we go to Page 3 of the CV.

18 A. Yes, the ones in press and published as sole or first  
19 author, the one at the top there is -- should be 2009.

20 Q. That would be the first one listed?

21 A. Yes, Poole and Granli.

22 Q. In the middle of the page. The "Mind and Movement"  
23 piece?

24 A. Yes. And the second one should read 2008.

25 Q. And that would be the "Elephant Sociality and

1 Complexity" article?

2 A. Yes.

3 Q. And if we can just go to the -- actually, looking at  
4 this page, is this the beginning of the list of your --

5 THE COURT: Can I ask a question? You said in  
6 response to the question, do elephants feel pain, if I  
7 understood you correctly, you said "we," referring to  
8 humans --

9 THE WITNESS: Yes.

10 THE COURT: -- have the basic, what, sensory  
11 perceptions? Is that what you said? Or sensors or --

12 THE WITNESS: Well, basically we have the same  
13 physical makeup.

14 THE COURT: Right.

15 THE WITNESS: Brains --

16 THE COURT: As elephants?

17 THE WITNESS: -- and the whole neurological system.

18 THE COURT: So, physiologically, because there is a  
19 similarity, then there's the conclusion that there must be the  
20 perception or the feel of pain then, by elephants?

21 THE WITNESS: Well, they have actually done studies  
22 that say fish feel pain and shrimp feel pain and mammals feel  
23 pain. I don't actually have those works in my head. It's not  
24 really my field. But I know from papers that come across my  
25 desk that yes, that's absolutely true. But in terms of my own

1 observations, you know, I've seen cases where a male who had,  
2 we call it twisting disease -- it's a kind of virus that the  
3 elephants get -- and during that time they walk in a very  
4 funny way, and he was removing stones from the road so that he  
5 didn't have to step on them, you know.

6 THE COURT: To avoid pain?

7 THE WITNESS: To avoid the pain, yeah.

8 BY MS. MEYER:

9 Q. And looking at this page and the next couple of pages,  
10 I just wanted to ask you, is this a list of your -- the  
11 publications that you have either been the principal author on  
12 or the coauthor of?

13 A. Yes. There are a couple of -- three that are missing  
14 on papers authored with others. Three on elephant cognition  
15 that are with a lead author.

16 Q. I actually --

17 A. Lucy Bates.

18 Q. I actually have -- I wanted to read those into the  
19 record, if that would be all right. These are three  
20 publications that were not on your CV, if that would be all  
21 right. The first is a Bates, et al. It's entitled "Do  
22 Elephants Show Empathy?" and was published in the Journal of  
23 Consciousness Studies in 2008. Is that correct?

24 A. (Nodded affirmatively).

25 Q. And the second is Bates and Poole, it's entitled

1 "Elephant Cognition," and it was published in Current Biology,  
2 Volume 18, Number 13; is that right?

3 A. Richard Byrne's there as well.

4 Q. Okay. I don't have a date for that one.

5 A. The consciousness, yeah, that's -- I think that's --  
6 that's 2008.

7 Q. And the third is Bates, et al., "African elephants have  
8 expectations about the locations of out-of-sight family  
9 members," published in the Royal Society Journal in 2007?

10 A. Is that -- I think -- is that 2007 or 2008?

11 Q. 2008. You probably know better than I do.

12 A. Yeah.

13 Q. Now, Dr. Poole, have you had any experience observing  
14 captive elephants?

15 A. Yes, I have.

16 Q. And I'm talking other than your experience in observing  
17 the elephants in this case?

18 A. Yes, I have.

19 Q. What has that experience been?

20 A. I studied, I actually studied some captive elephants or  
21 semicaptive elephants, orphans that were being kept in Tsavo,  
22 and wrote a paper that was published in Nature on elephants  
23 capable of vocal imitation. So that is another example of  
24 their cognitive abilities. So that was a study in captivity.

25 And I've also observed elephants in captivity as

1 part of a welfare case that took place in South Africa back in  
2 1998. I've observed captive elephants in Thailand as part of  
3 an elephant reintroduction program. I've observed captive  
4 elephants at the elephant transit home in Sri Lanka. In India  
5 as well, and of course in the sanctuaries and various zoos in  
6 this country and in the circus in Norway.

7 Q. Dr. Poole, do you know what a bull hook is?

8 A. Yes, I do.

9 Q. You were shown some bull hooks at the CEC inspection  
10 that you conducted; is that correct?

11 A. Yes, I was.

12 Q. Do you believe that you have sufficient expertise  
13 regarding elephants to render an expert opinion in this case  
14 regarding how Asian elephants are affected by the use of a  
15 bull hook?

16 MR. SHEA: Objection; leading.

17 THE COURT: I'll allow it.

18 THE WITNESS: I didn't even hear what you said  
19 because I was remembering Botswana as well for the captive  
20 elephants.

21 BY MS. MEYER:

22 Q. I'll repeat the question. Do you believe you have  
23 sufficient --

24 THE COURT: Refrain from leading, too.

25

1 BY MS. MEYER:

2 Q. Do you believe that you have sufficient expertise to  
3 render an opinion in this case regarding the use of the bull  
4 hook on Asian elephants?

5 MR. SHEA: Objection.

6 THE COURT: I'll allow that.

7 THE WITNESS: Yes, I do.

8 BY MS. MEYER:

9 Q. And do you believe you have sufficient expertise  
10 regarding how -- regarding elephants to render an expert  
11 opinion as to how keeping Asian elephants in chains would  
12 affect them?

13 MR. SHEA: Objection, leading.

14 THE COURT: Overruled.

15 THE WITNESS: Yes, I do.

16 MS. MEYER: Your Honor, I'd like to tender Dr.  
17 Poole as an expert on elephant behavior.

18 THE COURT: Any voir dire?

19 VOIR DIRE EXAMINATION

20 BY MR. SHEA:

21 Q. Good afternoon, Dr. Poole.

22 A. Good afternoon.

23 Q. If it please the Court, I'm Lance Shea, here on behalf  
24 of Feld Entertainment. Dr. Poole, you have never trained an  
25 elephant, correct?



1 A. I have never trained an elephant.

2 Q. And you've used an ankus or bull hook only one time,  
3 isn't that true, on an elephant named Abu in Botswana?

4 A. I have held a bull hook and was shown how to use it,  
5 yes.

6 Q. I see. And in what year was that, do you recall?

7 A. I believe that was 1994. '94. Yeah, 1994, I think.

8 Q. Then you've not used a bull hook other than to sit on  
9 Abu's back and steer him around; is that right?

10 A. That's correct.

11 Q. Dr. Poole, you have observed captive elephants in  
12 Thailand in 2006; do I understand that correctly?

13 A. I hope that's the correct date, but I think so.

14 Q. But that was for a period of only two to three days;  
15 isn't that right?

16 A. It was a very short period, yes.

17 Q. And then you've observed captive elephants in India in  
18 1996; is that correct?

19 A. 1996, yes, I think it was 1996. Yes.

20 Q. And that was for a period of two to three days total,  
21 was it not?

22 A. That's correct.

23 Q. And you've observed wild elephants in Sri Lanka  
24 in 2003; is that correct?

25 A. That's correct.

1 Q. That was for a period of two weeks; isn't that right?

2 A. That was two weeks, yes.

3 Q. As of the time of your deposition in this case, back  
4 in, I believe it was August, that was the sum total of the  
5 observations you had made of wild Asian elephants; true?

6 A. That's correct.

7 Q. And you have not observed wild Asian elephants since  
8 that time; is that true?

9 A. That's not true.

10 Q. All right. And that is in current research work in  
11 Sri Lanka; is that correct?

12 A. That's correct.

13 Q. Now, you'd formed your opinions in this case by the  
14 time of your deposition, hadn't you?

15 A. Yes.

16 Q. Now, you've not written articles specifically on Asian  
17 elephants, correct?

18 A. I have written a book on elephants that includes --  
19 well, includes, then it was both species, because the African  
20 forest elephant hadn't been determined to be a separate  
21 species, so I have written a book on both African and Asian,  
22 and my thesis covers a lot on Asian elephants.

23 Q. Dr. Poole, when you gave your deposition in this case  
24 do you remember us talking about your writings on Asian  
25 elephants?

1 A. I don't particularly recall talking about them, no.

2 Q. I'd like to show you page 102 of your deposition.

3 A. Okay.

4 Q. Beginning on line 19. Do you have that in front of  
5 you, Dr. Poole?

6 A. I do.

7 Q. I asked you: Do you have any writings on wild Asian  
8 elephants at all? Answer: Specifically on Asian elephants  
9 only?

10 A. Uh-huh.

11 Q. Question: Yes. Answer: I don't believe so. Did I  
12 read your testimony correctly?

13 A. That's correct.

14 Q. Dr. Poole, you're not a veterinarian; is that correct?

15 A. I'm not a veterinarian, no.

16 Q. You're not a medical doctor, true?

17 A. I am not a medical doctor.

18 Q. You're not a neurologist, correct?

19 A. Correct.

20 Q. And not a pathologist; is that correct?

21 A. Correct.

22 Q. Not a psychiatrist; is that correct?

23 A. Correct.

24 Q. And not a psychologist; is that true?

25 A. Correct.

1 Q. Dr. Poole, you've never worked for a zoo; isn't that  
2 correct?

3 A. That's correct.

4 Q. And you've never worked for a circus, correct?

5 A. Correct.

6 Q. The only zoo elephants that you have observed, Asian  
7 elephants directly was in a zoo in Belgium; is that true?

8 A. No.

9 Q. Dr. Poole, you're not a member of the Elephant Managers  
10 Association, are you?

11 A. I am not.

12 Q. Not a member of the International Elephant Foundation;  
13 is that correct?

14 A. I am not.

15 Q. Not a member of the American Zoo and Aquarium  
16 Association; is that correct?

17 A. I am not.

18 Q. And not a member of the British and Irish Association  
19 of Zoos and Aquariums; is that correct?

20 A. I'm not.

21 Q. Also, you've never been asked to consult with any of  
22 those entities, have you?

23 A. Not that I can recall.

24 MR. SHEA: Your Honor, those are my questions at  
25 this point. We object to Dr. Poole's admission as an expert

1 to the extent it covers Asian elephants specifically, because  
2 she's not trained them and she has spent very, very limited  
3 time observing them in the wild or in captivity.

4 THE COURT: All right. Thank you, counsel. Any  
5 further voir dire?

6 MS. MEYER: No, Your Honor.

7 THE COURT: I'll let the witness testify. I'll  
8 reserve ruling on the issue of expertise and the Daubert issue  
9 raised. The objection is noted. Go ahead.

10 DIRECT EXAMINATION CONTINUED

11 BY MS. MEYER:

12 Q. Dr. Poole, can you describe for Judge Sullivan in a bit  
13 more detail some of the normal behaviors of elephants,  
14 starting with your basis for saying that they are intelligent?

15 A. You mean just an example on a particular day, what one  
16 might observe?

17 Q. You mentioned that -- you mentioned use of tools  
18 before. Are there any other examples of the intelligence of  
19 elephants that you could describe to the Judge?

20 A. Well, one of the, as I mentioned, Your Honor, I studied  
21 elephant communication, acoustic communication in particular,  
22 and one of the interesting things that elephants do, they have  
23 a call that means I want to go this way, let's go together.  
24 And one member of a family will stand pointing the direction  
25 she wants to go, and then she uses intention movements,

1 swinging her foot and calling. And she calls and then she  
2 waits a minute and she calls again and waits, and waits for  
3 the family to gather around her.

4           And it's usually not the matriarch, the leader of  
5 the family, it's usually a younger member of the family that  
6 does it. And I've been with elephants several times when  
7 there has been a disagreement about the direction in which  
8 they would go for the day.

9           And on this one particular story I'll tell you,  
10 the matriarch decided she wanted to go in the opposite  
11 direction, so she turned and faced the other way, and she  
12 started giving "let's go" rumbles and, you know, indicating  
13 that she wanted to go in the opposite direction. And they  
14 carried on, and started what I call a discussion, where they  
15 went back and forth, and other members of the family got  
16 involved in this discussion, which was obviously a  
17 disagreement in the family. And eventually, after two hours,  
18 they came to an agreement and they took the middle road. So  
19 they went to the southeast instead.

20           But that kind of complexity is observable on a  
21 daily basis, that kind of decision-making, negotiation, which  
22 I think is very complex.

23           There's been a whole paper on empathy and the way  
24 that they will help an injured elephant. If an elephant has  
25 fallen, how they will come to it and try and lift it and try

1 and help it. They will remove foreign objects. If an  
2 elephant has been darted, they will come and remove the  
3 foreign object from an elephant.

4 I have watched elephants around other dead  
5 elephants, and they will come and try and lift the dead or  
6 immobilized elephant. In fact when they are darting  
7 elephants, very often you have to use a helicopter because you  
8 have to chase the family members away, because they will come  
9 and sometimes stand on either side of the elephant and try to  
10 prop her up to prevent her from falling.

11 And I watched, I watched an incredible scene, a  
12 birth of a baby, and it was amazing because just before the  
13 birth happened, we knew there was going to be a birth because  
14 all the elephants were smelling on the ground, and they were  
15 rumbling and trumpeting and getting very, very excited. And  
16 this baby was born, and the rumbling and the screaming and the  
17 sort of ceremony of it went on for 45 minutes.

18 And during that, it attracted a young male, who  
19 then smelled the female and thought that she was in estrus and  
20 tried to mount her, with this tiny baby underneath her. And  
21 immediately the matriarch and the sister came and stood on  
22 either side of her body, pressed up against her, to prevent  
23 this male from coming down and landing on the baby.

24 So it was that kind of forethought and planning  
25 that the elephants are able to take that shows again their

1 intelligence on a sort of daily basis.

2 Q. How about an elephant's memory? We've heard that they  
3 have long-term memories. Is that correct?

4 A. That is correct. Elephants do have long-term memories.  
5 There have been studies in Amboseli. There's actually one  
6 going on at the moment that is again using elephant calls and  
7 what we call playbacks. You do experiments where you play the  
8 sounds of particular individuals to other individuals, and  
9 then you can test whether the family is able to recognize  
10 those calls or not. And they've been able to show through  
11 these experiments that females are able to recognize the  
12 voices of up to 200 individuals.

13 In addition to that, they've been able to show  
14 that families who are led by an older matriarch, one who has a  
15 lot of experience, is wiser and has that long experience, are  
16 able to make these discriminations much better than families  
17 who are led by a young matriarch.

18 Q. And you've mentioned the matriarch several times.  
19 Could you describe what the basic social system is for  
20 elephants?

21 A. Yeah, the elephants live in family groups, both Asian  
22 and African elephants live in family groups that range from --  
23 in Amboseli from two to 45 individuals; in Asia they tend to  
24 be a little smaller, but in this population that we're working  
25 on now, we have seen a family group of about 40 individuals.



1 So it looks similar.

2           And above the level of the family group is what  
3 they call bond group. So that's two families that have a very  
4 close relationship. Usually they had been a family before and  
5 the family became too large; there was a bit of competition,  
6 and then they split along matrilineal lines. But they retain  
7 a very close relationship. And members of a family or members  
8 of a bond group have a special greeting ceremony, so when they  
9 have been separated for any length of time, they come together  
10 and they have particular calls that they give, and they spin  
11 around and clank their tusks together in a very kind of joyful  
12 celebration or ceremony.

13           Above the level of the bond group is something we  
14 call a clan. So there are these different multi-tiers in the  
15 relationships between elephants, and they are able to keep in  
16 touch with one another over several kilometers, even to  
17 recognize the voices of other animals up to two kilometers  
18 away.

19           I wanted just to say that a female elephant will  
20 meet perhaps a hundred different individuals in the course of  
21 her daily wanderings, and a male in musth maybe up to 200  
22 individuals. So they really -- it is a very large and complex  
23 society.

24       Q.   And in the wild how long does the calf stay with the  
25 mother?

1 MR. SHEA: Objection, leading.

2 THE COURT: I'll allow it.

3 THE WITNESS: A calf is born into a family and a  
4 female stays with her mother for life. A male will leave his  
5 natal family at an average age of 14.3 years old. And after  
6 that he may join other families for a while and eventually go  
7 off and spend time with other adult males when he's sexually  
8 inactive. When he's sexually active, then he comes back and  
9 joins female groups and searches for receptive females.

10 BY MS. MEYER:

11 Q. Have you ever observed elephants' behavior around an  
12 elephant that has died?

13 A. Yes, I have.

14 Q. What have you observed?

15 A. I observed a female named Polly die, and I observed  
16 three young males, they found her soon after she died, and  
17 they spent, I can't remember how long it was, a couple of  
18 hours trying to lift her, pulling on her trunk and on her  
19 tusks. And that afternoon I had to inform the rangers that an  
20 elephant had died. And they came and removed her tusks  
21 because -- not to let them get in the hands of poachers.

22 I went back the next day to see her, and I was --  
23 I found one of the males who had been there was still standing  
24 over her. In fact, there were three males standing over her  
25 body then, touching her face where the tusks had been removed.

1 And this was the same male who had been with her earlier.

2 Q. Is there any general consensus in the scientific  
3 community concerning the way elephants behave around deceased  
4 elephants?

5 MR. SHEA: Objection, leading.

6 THE COURT: I'll allow it.

7 THE WITNESS: I actually didn't say that elephants  
8 have been seen to try and feed injured elephants that have had  
9 their trunk damaged. They've even been seen to try and give  
10 food to an elephant who has died. They cover, they will cover  
11 a dead elephant. And they show -- they show particular  
12 interest in the bones of other elephants. They are not  
13 interested in the bones of, say, buffaloes or hippos, but they  
14 show particular interest in the bones of elephants. So it  
15 does appear that they have an understanding of death and they  
16 understand that those bones came from elephants.

17 BY MS. MEYER:

18 Q. Have you had occasion to see how elephants behave  
19 around water?

20 A. Almost every day that I'm in the field I see them  
21 around water.

22 Q. Could you describe how elephants normally behave around  
23 water?

24 A. They usually, at least in Amboseli, they usually go out  
25 of the park at night and come into the park, into the swamp

1 system, during the day, and the first thing they do is to  
2 drink. They're thirsty. After that then they will go in and,  
3 if the water is deep enough, they will swim. If it's not very  
4 deep, then they will roll around in the mud.

5 I've watched -- in one part of Amboseli the swamp  
6 is very deep, and I've seen a large adult male go completely  
7 upside down so that all four feet were sticking up in the air.  
8 So they really have a great romp, even the older animals will  
9 get in there and splash around and have a wonderful time.

10 Q. I'd like to show Dr. Poole a portion of a film that is  
11 entitled "Elephant -- Lord of the Jungle," by Bedi Films.  
12 It's Plaintiff's Exhibit 113 and there's been no objection to  
13 this, Your Honor.

14 THE COURT: All right. Go ahead.

15 BY MS. MEYER:

16 Q. Before we show it, Dr. Poole, are you familiar with  
17 this film?

18 A. Yes, I am.

19 THE COURT: 113, I don't think there's any  
20 objection. It's admitted.

21 MS. MEYER: Thank you.

22 BY MS. MEYER:

23 Q. Are you familiar with this film?

24 A. Yes, I am.

25 Q. I want to show you a portion of it and then ask you

1 some questions about it.

2 A. Okay.

3 Q. And the portion -- for the record, the portion we are  
4 showing is time-stamp 24:14 to 27:3.

5 (Video played)

6 Q. I wanted to ask you if you can tell Judge Sullivan what  
7 we've just observed, whether that's the normal way elephants  
8 behave.

9 A. That is a very typical scene, a bathing scene for  
10 elephants.

11 Q. Could you describe briefly what we've -- what we've  
12 just seen there, in terms of how the elephants interact with  
13 each other?

14 A. Yeah. Elephants -- I mean, that was very gentle kind  
15 of pushing and shoving and roughhousing in the water. And  
16 then at the end there was some mud wallowing, so elephants  
17 like to, they like to swim, and then afterwards they tend to  
18 get down in the mud. I mean, that wasn't very muddy. Usually  
19 they get into some really good mud, get themselves covered  
20 with mud and then usually dust, throw dust on their bodies  
21 afterwards.

22 Q. And can elephants swim?

23 A. Elephants are the best swimmers of any land mammal. We  
24 actually have -- Cynthia managed to get on film a newborn baby  
25 suckling under water, just with the trunk, like a snorkel out.

1 So they are very capable swimmers.

2 Q. Is that true of both Africans and Asians?

3 A. Yes.

4 THE COURT: You said the best swimming mammal?

5 THE WITNESS: The best swimming of any land mammal.

6 THE COURT: Land mammal.

7 THE WITNESS: Yes.

8 BY MS. MEYER:

9 Q. Can you describe for Judge Sullivan -- unfortunately I  
10 have to ask this question -- the normal body posture of an  
11 elephant when it defecates?

12 A. Standing, just standing normally. They tend to spread  
13 their back legs and lift their tail.

14 Q. Have you ever seen an elephant squat on its hind legs  
15 to defecate?

16 A. I have not seen that.

17 MR. SHEA: Objection.

18 THE COURT: It is leading, but what is the answer?

19 THE WITNESS: No.

20 BY MS. MEYER:

21 Q. Would that be a natural way for an elephant to defecate  
22 in the wild?

23 A. Standing, just standing normally is the natural way to  
24 defecate, yes.

25 Q. How long do elephants live in the wild?

1       A.    The oldest animal we have in the Amboseli population is  
2 almost 70, and if you take away, if you exclude elephants who  
3 have been killed by people or have died as a result of wounds  
4 inflicted by people, then the median life span for females is  
5 56 years old.

6       Q.    And how do the life spans of elephants compare to the  
7 life spans of humans?

8               THE COURT:  Are you talking about elephants in  
9 captivity or elephants in the wild?  What are we talking  
10 about?

11              THE WITNESS:  This is in Amboseli, the population  
12 where I've worked.  So this is based on the life history of  
13 these known individuals.

14              I think that's a difficult question, because that  
15 very much depends on which country are you looking at.  But I  
16 suppose it's comparable to countries where there's no medical  
17 care.  Anyway, they are both very long-lived species.  I think  
18 we can say that.  Long-lived mammals.

19 BY MS. MEYER:

20       Q.    Are captive elephants domesticated?

21       A.    Are captive elephants domesticated?  No.  Captive  
22 elephants are not domesticated.  That has been -- you know,  
23 for a very -- Asian elephants for 5,000 years have been  
24 captured and tamed.  And for a very long time in the  
25 literature these elephants have been referred to as

1 domesticated elephants. And they are domesticated in the  
2 sense that they are part of the economic, socioeconomic  
3 system, living with people, working for people, but they are  
4 not domesticated in the Darwinian sense.

5           In the Darwinian sense you start by bringing in,  
6 say, wild animals, and then you isolate them from the wild  
7 population and do selective breeding so that you end up with a  
8 breed like a dog, like the difference between a dog and a  
9 wolf. But in elephants that has never happened. So they are  
10 still at that very beginning stage where they are used by  
11 people, but they are no different from wild populations.

12           So they are not domesticated in the Darwinian  
13 sense, which is really important in this case, because we're  
14 talking about what is the natural behavior. We're talking  
15 about the natural behavior, and then you need to compare it to  
16 wild elephants. You can't call it a circus elephant as if  
17 somehow a circus elephant is another breed, because they are  
18 not. They are still, genetically, they are exactly the same  
19 as wild elephants. Because over time what has happened is  
20 that because elephants don't breed that well in captivity,  
21 traditionally in Asia baby elephants or elephants were  
22 captured in the wild and brought in. So each generation they  
23 were brought in. And even the ones who then may be bred in  
24 captivity, they were females who were let loose at night and  
25 they would mate with wild males.



1           So as long as the population is not isolated, it  
2 cannot become domesticated in that genetic or Darwinian sense.

3       Q.   Dr. Poole, if Asian elephants at defendants' Center for  
4 Elephant Conservation are routinely kept chained on concrete  
5 for 15 or more hours each day, do you have an opinion as to  
6 whether this practice is likely to harm the elephants in any  
7 way?

8           MR. SHEA:  Objection, assumes facts not in evidence  
9 and lacks foundation.

10          THE COURT:  Why don't you lay more foundation,  
11 counsel.

12          MS. MEYER:  Your Honor, we're starting with an  
13 expert witness and we do intend obviously to prove the facts  
14 that we've alleged in this case.

15          THE COURT:  Lay a foundation for her to render that  
16 opinion though.

17          MS. MEYER:  Okay.

18 BY MS. MEYER:

19       Q.   Dr. Poole, do you have a basis for rendering an opinion  
20 about how the normal behaviors of an elephant would be  
21 affected by the elephant being placed on chains?

22          MR. SHEA:  Objection, leading and same objections.

23          THE COURT:  I'll allow it.  She asked whether she  
24 has a basis for it.

25          THE WITNESS:  Well, I mean, I have spent 33 years

1 of my life studying wild elephants and working for their  
2 conservation and welfare. My whole sense of what an elephant  
3 is is not just what it looks like but how it behaves, because  
4 that's what I study; I study animal behavior. So just like  
5 any of us can see -- walking down the street can see that a  
6 person is acting strangely, so I can see that elephants are  
7 acting strangely.

8 THE COURT: So the basis for your answer is your  
9 observations.

10 THE WITNESS: My observations, yes.

11 THE COURT: What else? Your studies, I assume.

12 THE WITNESS: My studies, all the material that I  
13 was given, the number of hours that elephants have been on  
14 chains, being in the train, being on cement, being -- I mean,  
15 based on my knowledge of how elephants are in the wild and how  
16 much time they spend walking and how important it is for them  
17 to be with their offspring, how important it is -- how much  
18 joy they show when they come back together --

19 THE COURT: During a working day, how often do you  
20 spend time observing elephants?

21 THE WITNESS: Oh, that's what I do. So I go out, I  
22 leave camp --

23 THE COURT: I know, that's why I asked the  
24 question. How often during a working day -- how long is your  
25 typical day?

1           THE WITNESS: I go out, I leave -- it depends on  
2 what kind of work I'm doing. But when I'm doing communication  
3 work, because the wind picks up in the middle of the day, I'm  
4 usually spending the morning hours. And then I go out again  
5 in the evening.

6           THE COURT: So morning hours, what is the range  
7 here? That's argumentative -- relative.

8           THE WITNESS: In the old days, when I was doing the  
9 other studies, like six hours out a day.

10          THE COURT: Observing?

11          THE WITNESS: Yes, observing. And then I would see  
12 hundreds, literally hundreds of elephants, because when I was  
13 doing the musth studies I was going from group to group  
14 following these musth males who were looking for females.

15          THE COURT: How do you make your observations?  
16 What is your day like? You get up, you go out.

17          THE WITNESS: I have what I call a focal animal, so  
18 I have a particular group or a particular individual that I'm  
19 looking for. I go find them, I sit down, and I have a data  
20 sheet and I'm -- I say, okay, every minute on the five minutes  
21 I'm writing down certain information. Any interaction that  
22 happens, I'm writing that down.

23          THE COURT: Are you elevated, aloft, or are you on  
24 the ground?

25          THE WITNESS: No, I'm in a car.

1 THE COURT: In a car?

2 THE WITNESS: In a car, yeah. So I just note every  
3 posture, ever ear fold, every movement of the trunk,  
4 everything is written down, and what are the consequences of  
5 those behaviors.

6 THE COURT: You're able to locate the elephant --  
7 the elephants -- well, are you able to locate individual  
8 elephants?

9 THE WITNESS: Yes, they are all known individually.

10 THE COURT: How do you know?

11 THE WITNESS: It's easy actually.

12 THE COURT: Tell me how easy it is. You're the  
13 expert. I need to know.

14 THE WITNESS: African elephants are easier for me,  
15 because I'm used to them. But, you know, if they've got big  
16 ears, if they have got notches and tears on the ears. They've  
17 got venation patterns just like a human fingerprint. So those  
18 are the -- and of course tusks. So in the very beginning  
19 that's what you look at. And of course they are different  
20 sizes, because they are different ages; they continue to grow  
21 throughout life.

22 And after a while it's just how they walk. So I  
23 got to the point where I could identify my focal males, my big  
24 males, from two kilometers away. I could just see the way an  
25 elephant was walking and say that's so-and-so. And I'm also

1 like that with some of the families, because I know where to  
2 expect to find some of them. What sort of group size. So I  
3 have -- I can sort of say I think that's the Echos family.

4 THE COURT: You assign them names?

5 THE WITNESS: Every elephant has a name.

6 THE COURT: You assign the names?

7 THE WITNESS: Yes.

8 THE COURT: That is for purposes to be able to  
9 identify and keep track of them?

10 THE WITNESS: Yes. So there is a catalog of  
11 pictures of each elephant. So we're doing the same thing in  
12 Sri Lanka now. In fact it's online. We've got this fantastic  
13 online searchable ID database. Right now there's only a few  
14 elephants on there, but it's working. So you can code in --  
15 and with Asian elephants you have different characteristics,  
16 like how the ears fold, whether they're flopping forward or  
17 back, whether they have these tushes or not. Again, the  
18 notches and tears. But also the tails, because the tail hair  
19 and the shape of that tail hair is very distinguishing as  
20 well. So you code in a couple of these markers and push  
21 search and up comes your elephant.

22 THE COURT: Go ahead.

23 MR. SHEA: Objection, Your Honor, still assumes  
24 facts not in evidence. Ms. Meyer was asking about things at  
25 the Center for Elephant Conservation, and this witness has no

1 foundation, none shown for that. And the question did assume  
2 facts not in evidence.

3 THE COURT: I'll allow the answer.

4 MS. MEYER: I'd like to ask that question again if  
5 I could, Your Honor.

6 THE COURT: Go ahead.

7 BY MS. MEYER:

8 Q. If Asian elephants at defendants' Center for Elephant  
9 Conservation are routinely kept chained on concrete for 15 or  
10 more hours each day, do you have an opinion as to whether this  
11 practice is likely to harm the elephants in any way?

12 A. I think --

13 MR. SHEA: Same objection.

14 THE WITNESS: I think it would be very detrimental,  
15 very harmful to the elephants to be held in that way.

16 BY MS. MEYER:

17 Q. Can you explain why you say that?

18 A. I think it's harmful to the elephants in the sense of  
19 keeping an animal, particularly an animal of that size, an  
20 animal that is in sort of perpetual motion in its natural  
21 state, to be holding it still like that, without being able to  
22 move properly. I think it's harmful in the sense that it's  
23 not able to -- an animal that is so tactile and so  
24 communicative and so extremely social, that it's not able to  
25 be with other members of its family or other close associates

1 freely.

2 I think it's harmful in the sense of what it does  
3 to their feet, which, you know, has been shown where elephants  
4 are chained and where they are kept sedentary, damage to their  
5 feet. So there's lots of ways in which it harms the  
6 elephants.

7 Q. And if the Feld Entertainment elephants that travel on  
8 the road for the circus are kept chained on railroad cars for  
9 up to 20 consecutive hours --

10 THE COURT: I want you to refrain from leading,  
11 counsel. At some point you're going to ask me to credit  
12 testimony. I want to be able to credit, if appropriate, a  
13 witness's testimony and not counsel's leading questions. So  
14 ask a direct question. She's an expert. I don't want her  
15 led.

16 BY MS. MEYER:

17 Q. Would elephants who are -- if elephants were kept  
18 chained on trains for long periods of time, do you have an  
19 opinion as to whether or not that would harm them in any way?

20 MR. SHEA: Objection, assumes facts not in  
21 evidence.

22 THE COURT: I'll allow it. Go ahead.

23 THE WITNESS: Well, as an elephant biologist, as  
24 one who has studied wild elephants, I have to say that I'm --  
25 I feel horrified by what I've seen, and the amount of time

1 that elephants are on -- chained, and particularly on the  
2 train where it's a very closed space, where they have --

3 THE COURT: What, though, is the impact, if any, on  
4 the elephant as a result of that condition that you've just  
5 described?

6 THE WITNESS: Well, for me -- I'm not a vet. I am  
7 not a vet. I can read a lot about what happens to their feet  
8 and what happens to their bodies. But for me it's just,  
9 taking an animal that is so social and so intelligent and  
10 where movement is so much a part of their life, and also where  
11 the low frequency communication, to put them in a train where  
12 it's just constant noise, it's that tiny cramped space, they  
13 are not able to move, I mean, I just -- it really, it very  
14 upsets me, it really upsets me.

15 BY MS. MEYER:

16 Q. Did you have an opportunity to participate in the  
17 court-ordered inspection at Feld Entertainment's facility in  
18 Polk City, Florida?

19 A. Yes.

20 Q. As part of that inspection did you have an opportunity  
21 to observe the conditions in which some of the elephants were  
22 kept in one of the barns there?

23 A. I did.

24 Q. Do you recall the names of any of the elephants that  
25 you were inspecting at the CEC?



1 A. Yes. In the barn it was Jewell, Zina, Lutzi. There  
2 was Tova, although she wasn't part of the inspection. Then  
3 there was Susan and Mysore.

4 Q. And how long were you able to observe the elephants in  
5 the barn?

6 A. Gosh, we went in there, I think at 3:10, and we were  
7 out at 18:25 or something like that. So over three hours.

8 Q. Could you describe the conditions that you observed in  
9 the barn?

10 A. It's a large echoey space, metal structure with a  
11 cement floor. It's very barren. The elephants are all,  
12 they're chained on two legs, a front and back leg. They are  
13 all facing in one direction. Nothing for the elephants to do  
14 in there. They were given a bit of hay. As I guess I was  
15 explaining earlier, elephants, they are generalist feeders,  
16 they feed on all sorts of things, but they were just given  
17 hay, which is -- there's nothing really to do with it, you  
18 just grab it and shove it in the mouth, there's no  
19 preparation, so it's not a very intellectually stimulating  
20 activity. And other than that there was nothing for them to  
21 do.

22 Jewell started swaying almost immediately, and so  
23 did Zina. But over the course of the afternoon, I think by  
24 4:00 o'clock, another two had started to sway, who did so  
25 intermittently, and actually all of the elephants swayed

1 during the time I was there.

2 THE COURT: What do you mean by that term?

3 THE WITNESS: Swaying? I actually use the term  
4 swaying to cover what might be called head bobbing in some  
5 cases, or weaving in other cases. I've sort of lumped them  
6 all together. But it's a repetitive movement. And usually  
7 with elephants, I mean with, say, carnivores, they tend to  
8 pace back and forth in a cage. But elephants tend to stand  
9 and do this kind of (indicating), either weaving like this  
10 (indicating), or this or (indicating), just swaying, or  
11 forward and backward. They have --

12 THE COURT: Like I'm rocking in my chair, am I  
13 swaying?

14 THE WITNESS: Exactly.

15 THE COURT: I'll stop.

16 THE WITNESS: And I mean, some of it, it's --

17 THE COURT: What is that indicative of? Are you  
18 making observations -- do you have an opinion as to what that  
19 is indicative of?

20 THE WITNESS: Well, it doesn't occur in the wild.  
21 I have never seen it in the wild. Elephants may stand under a  
22 tree when they are dozing and, just like any of us would, you  
23 stand like that for a while and then you might stand like that  
24 for a while (indicating). But that's a very different thing  
25 from what we're observing. My personal opinion about it, I

1 think what happens is --

2 THE COURT: Your expert opinion, if you have an  
3 expert opinion about the swaying?

4 THE WITNESS: My expert opinion is that you stick  
5 an animal on chains early on, you take it away from its  
6 companions, it becomes an isolate. And at the same time it's  
7 an animal that is used to -- it has evolved to walk, it's  
8 evolved to walk long distances. It has a huge home range.  
9 And you're keeping it so that it can't basically move its  
10 legs. So it starts by taking, you know, steps, and can't go  
11 anywhere, and this eventually becomes this kind of just  
12 swaying pattern.

13 MS. MEYER: Why don't we actually show Judge  
14 Sullivan a clip of the video that was taken at the CEC  
15 inspection in the barn, because I think that would help. This  
16 is -- there's no objection to this. This is part of the CEC  
17 inspection.

18 THE COURT: Is this 113?

19 MS. MEYER: This is 142.

20 THE COURT: Any objection to its admissibility,  
21 counsel?

22 MR. SHEA: Not to the film clip of the inspection,  
23 no.

24 THE COURT: Admit it. We just need to have a clear  
25 record as to whether or not this is coming in -- you're

1 offering it and whether there are any objections.

2 MS. MEYER: Yes, Your Honor. I was going to, after  
3 her testimony was done, I was going to move in the exhibits  
4 that I had used in her testimony. But I can do it any way.

5 THE COURT: It's not a jury, you don't have to be  
6 that formal. Especially if there's no objection, admit it  
7 and --

8 MS. MEYER: So we'll take a look at this video.

9 BY MS. MEYER:

10 Q. If you could actually describe to Judge Sullivan as  
11 we're watching it, what you're talking about, Dr. Poole, I  
12 think that would be helpful.

13 (Video played)

14 THE WITNESS: The first elephant is -- the closest  
15 elephant is Jewell, and then Zina. If you notice, with  
16 Jewell, her -- they each have sort of their own pattern. With  
17 Jewell she tends to swing one foot to the side. As she goes  
18 onto the chained leg, she swings that food sideways. And she  
19 did that -- I fast-forwarded through the whole thing, and she  
20 did that almost every time that she was in view. Whereas,  
21 Zina you see tends to rock sort of forward and backward.

22 Susan, because she has a wound in her foot, does  
23 much less, her rocking is not so exaggerated as these two. So  
24 sometimes their swaying is sort of continuous, sometimes, as  
25 in here, she stops for a moment and then she starts up again.

1 But there is basically nothing for these elephants to do.

2           You can hear that the acoustics in that room isn't  
3 particularly good. And they just got that hay, and they are  
4 chained.

5 BY MS. MEYER:

6       Q. Can you describe to Judge Sullivan how they are  
7 chained?

8       A. They are chained on one foreleg and one hind leg,  
9 usually alternate legs. There was one elephant who was -- I  
10 guess it was Mysore, who was chained with both chains, front  
11 and back on the same side, because she had some problems, I  
12 believe, with one of her legs.

13       Q. How does the behavior that you observed during the  
14 inspection of these elephants compare to the behavior of wild  
15 elephants that you've observed?

16       A. Well, there's really -- I mean they're just totally  
17 different. So, this is not normal elephant behavior. They  
18 can't engage in normal elephant behavior because they are  
19 chained. It's not possible for them.

20           THE COURT: That's something that you don't observe  
21 in --

22           THE WITNESS: Never, in all the years I've seen  
23 elephants, 10,000, 20,000 elephants, I've never observed this  
24 behavior.

25           I want to say one of the -- Susan also was, she was

1 lifting up -- she has a problem with one of her feet. And I  
2 sat for half an hour and monitored how many times she raised  
3 her foot. So she kept lifting her foot off the ground. It  
4 was obviously giving her some pain.

5 BY MS. MEYER:

6 Q. During the court ordered inspection at the CEC did you  
7 have an opportunity to observe any of the Feld Entertainment  
8 employees interact with the elephants?

9 A. Yes, I did.

10 Q. Who did you observe?

11 A. Well, I observed Gary Jacobson, and I observed the  
12 handler -- I don't know what his name was -- and I observed  
13 the elephants' reaction when Pat Harned came into the barn.

14 Q. What did you observe about Mr. Jacobson's and the other  
15 handlers' interaction with the elephants?

16 A. I have -- I've seen a lot of -- I have seen people and  
17 their interactions with captive elephants in many different  
18 places. And this was the first time that I had seen such --  
19 well, it was just a very cold relationship. It was just  
20 shouting commands to the elephants. So there was no -- I've  
21 seen people hug the elephants and talk to the elephants and  
22 sing to the elephants or -- a very kind of cozy relationship.  
23 And this was not that at all.

24 There was a lot of -- I guess it was just Gary  
25 Jacobson who was barking commands at the elephants, so each

1 command he gave the elephant, he said the elephant by name and  
2 then gave a command, like "come here" or "lie down" or "foot,"  
3 whatever the command was. When Pat Harned came into the barn,  
4 the two elephants that were near the door where he came in  
5 froze. And when elephants freeze it's because they are --  
6 it's often because they are alarmed by something. They  
7 freeze, they listen, they smell. So that's a very typical in  
8 the wild indication that they've heard something and they are  
9 alert to something that they are paying attention to.

10           The other thing was just the way in which the  
11 elephants were kept by the handler and by Gary Jacobson during  
12 the whole time that we were outside. The elephants were  
13 just -- had to stay in a line. They were lined up standing  
14 parallel to one another, and if they moved out of that line at  
15 all they were then told to get back in line. So they had sort  
16 of no freedom of movement out there.

17       Q. I wanted to show you some of the photographs that were  
18 taken of the elephants in the barn, and ask you -- just to  
19 show you the chains that were used on the elephants. If we  
20 can do that. These are also in Exhibit 113, and also I think  
21 May Call 54, and they are not objected to.

22           MR. SHEA: Your Honor, we do not object to those  
23 particular portions of Exhibit 113. It's a composite exhibit  
24 with many parts. We do -- so not the Elephant in the Jungle  
25 and not this, but we do have objections to other portions of

1 that exhibit.

2 THE COURT: To other portions of 113?

3 MS. MEYER: I'm sorry. I misspoke. I was talking  
4 about Will Call Exhibit 118, which are the photographs that  
5 were taken at the CEC inspection, as well as photographs  
6 taken -- as well as May Call 54, which are some additional  
7 photographs.

8 THE COURT: Are you offering 118?

9 MS. MEYER: Yes.

10 MR. SHEA: No objection to 118.

11 THE COURT: 118 is admitted. What is the other  
12 exhibit?

13 MR. SHEA: For Exhibit 54, we object only to  
14 photographs taken of electric prods. They're irrelevant and  
15 immaterial to this case; they are not at issue.

16 THE COURT: Which photos are they?

17 MS. MEYER: We're not showing any of those, Your  
18 Honor.

19 THE COURT: I want there to be a clear record.  
20 This is 113 on the screen now?

21 MS. MEYER: Actually, right now what I was only  
22 showing -- I'm sorry for confusing the record. What I was  
23 only showing was Exhibit 118, Numbers 23 and 19, but we might  
24 as well move them all into evidence, all of 118.

25 THE COURT: It's going to be easy, if there are no



1 objections, let's admit the documents.

2 MS. MEYER: Right.

3 THE COURT: Are there no objections to those two,  
4 counsel?

5 MR. SHEA: We're not objecting to 118. And to --

6 THE COURT: 118 is admitted.

7 MR. SHEA: To 54 we're objecting only to pictures  
8 of electric prods, they are not properly at issue in this  
9 case.

10 MS. MEYER: We're not seeking to admit those.

11 THE COURT: What are you admitting with respect to  
12 54?

13 MS. MEYER: Everything else that is in May Call 54.

14 THE COURT: How many photos make up 54? I don't  
15 need to see them. Just tell me how many there are.

16 MS. MEYER: Apparently it's 308.

17 THE COURT: So, all the photos in 54 are admitted  
18 with the exception of the electric prods. Correct, counsel?

19 MR. SHEA: That's correct, Your Honor.

20 THE COURT: So, Exhibit 54 is admitted as well.

21 MS. MEYER: We can get you the numbers for those.

22 THE COURT: I don't need them, I just want a clear  
23 record. 54 comes in, all the pictures come in, with the  
24 exception of the prods, so it's part of the record.

25

1 BY MS. MEYER:

2 Q. As part of the inspection that you attended at the CEC,  
3 Dr. Poole, did you have an opportunity to observe the washing  
4 of the elephants that was done?

5 A. Yes, I did. You don't want me to comment on this?

6 Q. I didn't hear that. Yes, I'm sorry. We're back to the  
7 chains.

8 A. Well, that's --

9 MR. SHEA: Objection. Is there a question?

10 THE COURT: There was a question five minutes ago  
11 before I started this.

12 MS. MEYER: I got off track, too.

13 THE COURT: You wanted the doctor to tell us  
14 something about that photo there.

15 MS. MEYER: Yes.

16 THE COURT: This is 113?

17 MS. MEYER: 118.

18 THE COURT: What did you want the doctor to tell  
19 us?

20 BY MS. MEYER:

21 Q. Tell us what we're looking at here.

22 THE COURT: It's in evidence. It speaks for  
23 itself. It's an elephant foot and a chain.

24 Go ahead.

25 THE WITNESS: By the hairy legs, I can see it's

1 Zina, and she's chained by her right front foot there, and I  
2 guess her rear left foot. She's standing on concrete. You  
3 can see it's a relatively short chain. And there's just a bit  
4 of hay at her feet.

5 BY MS. MEYER:

6 Q. And is this typical of how the elephants were chained  
7 that you observed in the CEC barn?

8 MR. SHEA: Objection, leading.

9 THE WITNESS: It is typical.

10 THE COURT: It's leading and it's fairly  
11 argumentative. What does this photo represent? I saw the  
12 chain, so what is the significance of this photo of Zina  
13 chained?

14 THE WITNESS: Well, it's just an example of what  
15 it's like for the elephants in terms of the space, they can't  
16 move, they can't -- or they can't move more than a step  
17 forward or backward or a step to each side. They are on  
18 concrete floor, they have a pile of hay, and that's it.

19 THE COURT: Is this fairly typical?

20 THE WITNESS: Yes, this is very typical. This is  
21 typical of the time that they spend in the barn.

22 THE COURT: For this particular case and for this  
23 circus?

24 THE WITNESS: For the elephants at the CEC, as far  
25 as I know, because I didn't see elephants elsewhere.

1 THE COURT: Before you ask the next question -- I'm  
2 sorry, go ahead and ask the follow-up question.

3 BY MS. MEYER:

4 Q. I wanted to -- there is another photograph that we  
5 wanted to show.

6 THE COURT: Go ahead. What is the exhibit number?

7 MS. MEYER: We're still in 118, Your Honor.

8 THE COURT: All right. What does this picture  
9 show?

10 THE WITNESS: Is this the one you wanted to show  
11 me?

12 MS. MEYER: Yes.

13 THE WITNESS: Well, it shows the same thing, just  
14 elephants standing on concrete at the CEC in the barn.

15 THE COURT: What is the impact of the concrete, if  
16 any, on the elephants?

17 THE WITNESS: Yeah. Based on what I have read,  
18 what happens is that in the wild elephants have -- they have  
19 very padded feet. They walk on their toes, and their toes are  
20 sort of encased in a cushion. And there is sort of a  
21 wrinkle -- the sole of the foot is kind of wrinkled skin. And  
22 when they are walking in the wild, then the foot wears evenly  
23 as they walk over. But when they are standing in concrete,  
24 and maybe even caused by the swaying, where they are putting  
25 pressure on one part of the foot, I'm not sure about that, but

1 it could explain why the foot then begins to wear unevenly.

2 THE COURT: But you're not sure about that?

3 THE WITNESS: Oh, I have read it, I have read it,  
4 but I have only read it in one place. So the foot starts to  
5 wear unevenly, and because they are standing on concrete and  
6 because they are urinating and defecating, you get, in the  
7 fissures of the foot, you can get infections starting.

8 So a way of dealing with that is to pare the sole  
9 of the foot down. And that's part of the husbandry that is  
10 carried out in the circus and in zoos. But if it's not  
11 done -- A, if it's done too much, you get a very smooth foot  
12 that has no pad left on it at all, or no -- I don't know what  
13 you call it, the callous or -- anyway, it gets too pared down.  
14 And in other cases it's not done properly and then you get  
15 these big sort of lumpy bottom of the foot that is not normal.

16 So this standing on concrete, first of all, none of  
17 us like to stand really on a hard surface for hours on end.  
18 So I think it's painful for the elephants, it's uncomfortable,  
19 which may also explain why they are rocking, to relieve that  
20 kind of pressure. And on top of that, then they get the  
21 infections in the feet which lead to all sorts of problems.

22 THE COURT: Before you get to another area, I have  
23 a note, my jury has a verdict. I'm going to have to take the  
24 verdict. So I'll have to ask the doctor to step down for a  
25 few minutes. I have to conclude another case that is going

1 on. We'll call you back in a few minutes.

2 Counsel, you can leave your materials there, they  
3 will be fine. I'd just ask you to make a little room on one  
4 side of the table for the Government counsel. Just move your  
5 materials to the center there.

6 BRIEF RECESS

7 AFTER RECESS

8 THE COURT: Go ahead. Proceed.

9 MS. MEYER: Thank you, Your Honor. Dr. Poole, when  
10 you participated in the inspection at the Center for Elephant  
11 Conservation, did you have an opportunity to observe the gait  
12 of the elephants?

13 A. Yes, I did.

14 Q. What did you observe?

15 A. That all five of the elephants that we were inspecting  
16 had an abnormal gait.

17 Q. Can you be a little more specific about what you mean  
18 by an abnormal gait?

19 A. Well, each one was a little bit different. One -- I  
20 think it's Lutzi, has a stiff front left leg, I'm if I'm not  
21 wrong. But each one was not walking with ease and was not  
22 walking with a normal gait for an elephant.

23 Q. And what significance does this have for you?

24 A. It means that they have some problem with their --  
25 either their feet or their hips or their -- with their leg

1 bones or maybe the spinal cord.

2 Q. And how did the gait of the elephants you inspected at  
3 the CEC compare to what you see in the wild?

4 A. Well, both the gait was abnormal and also I noticed the  
5 elephants had difficulty getting up and down. It was quite  
6 different from elephants of the their age in the wild who have  
7 a normal gait and don't have difficulties getting up or down,  
8 let's say, into the swamp and out of the swamp or lying down  
9 and mud wallowing and getting up again.

10 Q. And during the inspection, at what point in the  
11 inspection did you have an opportunity to see the elephants  
12 getting up and down?

13 A. When the elephants were being washed, each one was  
14 asked to lie down and asked to get up again.

15 Q. And what did you observe?

16 A. Well, I noticed that they got down extremely slowly and  
17 appeared to be having difficulty both getting down and getting  
18 back up.

19 Q. Have you ever seen elephants in the wild who exhibited  
20 signs of lameness?

21 A. Occasionally.

22 Q. How often do you see that?

23 A. Maybe once a month or -- yeah -- but it's usually -- or  
24 if, you know, if an elephant is lame or showing signs of  
25 lameness, then we look to see what might be causing it. Most

1 often it's a wound of some sort, usually inflicted by a spear  
2 or an arrow, and then we call the vets down. The elephants  
3 also get -- particularly young males, get something we call  
4 twisting disease, which we think is a virus that usually comes  
5 in the rainy season, and then they get a very strange gait  
6 when they walk, they walk like this (indicating). But it  
7 comes and lasts for a few weeks and then dissipates again.  
8 So -- but we have not, as far as I can remember, we do not  
9 have or have not had an elephant with a chronically abnormal  
10 gait except, sorry, there's one female who has -- who has  
11 broken her ankle in the past and she walks with a limp.

12 Q. Based on your collaboration with scientists who study  
13 Asian elephants in the wild, has it ever come to your  
14 attention that there's a problem with lameness in Asian  
15 elephants in the wild?

16 MR. SHEA: Objection, leading.

17 THE COURT: I'll allow it.

18 THE WITNESS: I have spoken with Manori, who is my  
19 colleague in Asia, and she says, no, that -- well, that  
20 arthritis, at least, is not something that is treated in the  
21 wild. That elephants, yes, there are some elephants that are  
22 lame from, let's say, buckshot or from other wounds inflicted  
23 by people. But that, yes, the gait abnormality or chronic  
24 problems with the gait is not typical of wild Asian elephants.

25



1 BY MS. MEYER:

2 Q. Dr. Poole, in preparing your expert report, did you  
3 have an opportunity to review video footage that showed how  
4 the Ringling Brothers elephants who travel with circus are  
5 maintained when they are at an indoor venue?

6 A. Yes, I did.

7 Q. What did you review?

8 A. I reviewed five and a half hours of -- they call it  
9 security, the security video, from the MCI Center in  
10 Washington.

11 Q. And I'm going to show a clip from that, but before I  
12 do, I want to know if you could basically tell the Judge what  
13 you observed when you reviewed that video?

14 A. I could see about five elephants in view. They were  
15 chained in a very sort of cramped quarters, low ceiling,  
16 cement floor, concrete floor, chained on short chains, a  
17 little bit of hay around their feet, and repetitive movements  
18 or just sort of standing there.

19 Q. And I'd like to actually show a clip from that video  
20 footage. And, for the record, this is video footage that was  
21 obtained via subpoena that was served on the MCI Center, Your  
22 Honor, in March of 2004, and it's Exhibit 145-B and we're  
23 going to show a clip that is time stamped 2:01:41 to 2:02:55.

24 MR. SHEA: Yes, Your Honor, we object. There's no  
25 foundation. This has not been authenticated. It's

1 irrelevant. These are Red Unit elephants, not Blue Unit  
2 elephants which are at issue, therefore, no elephants that are  
3 at issue. Therefore, it's cumulative and a waste of time and  
4 should be out under 403.

5 THE COURT: I'll allow it over objection.

6 MS. MEYER: Also, for the record, the defendant did  
7 not object to the authenticity of this videotape.

8 (Video played).

9 BY MS. MEYER:

10 Q. Perhaps, as it's playing, Dr. Poole, if you could tell  
11 Judge Sullivan what you were talking about when you watch this  
12 video.

13 A. Well, you can see the elephant in the middle is holding  
14 there completely still, and the elephant on the --  
15 particularly on the right there is rocking back and forth.  
16 Well, there's just nothing for them to do in there. So,  
17 they're just chained on concrete on short chains, very short  
18 chains, with no ability to move -- to move anywhere and with  
19 nothing -- with nothing to do.

20 Q. And based on the -- you said you watched about five and  
21 a half hours of this video footage, how does what we're seeing  
22 here compare to the five and a half hours that you watched?

23 A. Well, it looks like it's the same bit of video that I  
24 watched. There was one period of 13 minutes where the  
25 elephants, which turned out to be 10 elephants, were taken

1 out, presumably for a performance, they put the headdresses on  
2 first and then took them out and brought them back 13 minutes  
3 later.

4 Q. And for the other period of time that you watched the  
5 video, what were the elephants doing?

6 A. Just the same as what we're observing here.

7 Q. Okay. And is the clip that we just watched  
8 representative of the rest of the MCI Center video footage  
9 that you reviewed?

10 A. Yes, it is.

11 Q. And do you have an opinion as to whether this kind of  
12 treatment that we're seeing here harms the Asian elephants?

13 A. Well, absolutely, I think it harms Asian elephants in  
14 the same way that standing in the train or standing in the  
15 barn. But this is -- this and the train is even worse than in  
16 the barn because it's cramped and it's underground or looks  
17 like it's underground in the basement. I just don't think  
18 it's a way to treat an intelligent social animal.

19 THE COURT: What's the significance of the fact  
20 that it may be underground?

21 THE WITNESS: Well, nothing really, it's just dark,  
22 no natural light. I don't know, it's -- for me, I just --  
23 it's beyond anything I can imagine doing to an animal like an  
24 elephant.

25 BY MS. MEYER:

1 Q. Dr. Poole, based on what you see here, are these  
2 elephants able to socialize with each other?

3 A. Well, they are able to reach out and touch one another.  
4 They can reach one another. But that's extent of their  
5 ability to socialize.

6 Q. Can they all interact with each other?

7 A. No, they cannot. They can just interact with the  
8 closest neighbor.

9 Q. And with respect to the elephants that you saw when you  
10 inspected the elephants in the barn at the CEC, were they able  
11 to socially interact with each other?

12 A. No, just the ones who were closest neighbors were able  
13 to, they were able to touch one another.

14 Q. Dr. Poole, you said earlier that you are familiar with  
15 an instrument called a bull hook, is that correct?

16 A. That's correct.

17 Q. I'd actually like to show Dr. Poole two of the  
18 photographs taken at the CEC inspection, and these are from  
19 Exhibit 118, which has already been admitted into evidence,  
20 and it's Photograph Number 20 and 22, and ask you if these are  
21 photographs of bull hooks that --

22 THE COURT: What are those pictures of?

23 MS. MEYER: Thank you.

24 THE COURT: Counsel, I don't want to you lead now  
25 because at some point -- I don't want to keep saying this, at

1 some point you're going to ask me to credit testimony and I  
2 want -- if it's appropriate, I want to credit the testimony of  
3 a witness as opposed to the statements of an attorney. So,  
4 I'll ask you --

5 MS. MEYER: Thank you, Your Honor.

6 THE COURT: -- to refrain leading. Just tell us  
7 what that is.

8 THE WITNESS: Those are the bull hooks that I  
9 observed at the CEC.

10 MR. SHEA: Your Honor, could we make them, for the  
11 record, of the -- of some sort of production number or  
12 something on this? This is a large exhibit and we would like  
13 to be able to --

14 THE COURT: This is part of 118, is that correct?

15 MS. MEYER: Yes.

16 THE COURT: What is the page number or --

17 MS. MEYER: This is --

18 THE COURT: -- page number or -- how many photos  
19 are there in 118?

20 MS. MEYER: I said -- I'm sorry, I thought I said  
21 this was Number 20, Number 20.

22 THE COURT: Is that Number 20 a sole exhibit?

23 MS. MEYER: The photographs are numbered, Your  
24 Honor, within 118.

25 THE COURT: Is Number 20 a composite of pictures?

1 Is that the only picture in Number 20?

2 MS. MEYER: Yes, this is Number 20.

3 THE COURT: Is there an objection to Number 20?

4 MR. SHEA: I believe it's already in evidence, Your  
5 Honor.

6 THE COURT: All right. Then what's your objection  
7 then?

8 MR. SHEA: Your Honor, she should -- 118 has  
9 hundreds of pictures in it, she's showing one picture --

10 THE COURT: This is Exhibit Number 20, if I  
11 understand it correctly.

12 MS. MEYER: This is Exhibit 118, Number 20 -- at  
13 Page 20.

14 THE COURT: What's your objection to this?

15 MR. SHEA: I have no objection other than I was  
16 asking if we can track it for the record, Your Honor, so that  
17 we know that it's Photograph Number 20.

18 THE COURT: I can totally agree with that. It's  
19 imperative, I mean, it's your case. The case may not conclude  
20 in this court, and if there's a sloppy record then that's  
21 going to hamstring any other court from reviewing what we did  
22 here. So, it's very important that counsel be clear with  
23 regards to what we're looking at and what the numbers are.  
24 So, this is Picture 20 of Exhibit Number 118.

25 MS. MEYER: That's right, Your Honor. Now, I'd

1 like to look at Number 22 from Exhibit 118.

2 THE COURT: All right.

3 THE COURT: What's that?

4 THE WITNESS: These are also bull hooks -- among  
5 the bull hooks that we saw at the CEC.

6 THE COURT: All right.

7 BY MS. MEYER:

8 Q. And did you have an opportunity to inspect these bull  
9 hooks?

10 A. Yes, I did.

11 Q. And can you tell Judge Sullivan what you found?

12 A. Some of them were extremely sharp. They would  
13 certainly rupture my hand if I pulled down on the bull hook.  
14 I held it on my hand, it was painful. It was very sharp.

15 Q. Dr. Poole, in preparing your expert report, did you  
16 have an opportunity to review videotape of Ringling Brothers  
17 employees using bull hooks on elephants?

18 A. Yes, I did.

19 Q. And did you have an opportunity to review what has been  
20 marked as Plaintiff's Exhibit 132?

21 A. Yes, I did.

22 Q. And is that the same compilation of videotape that you  
23 address in Appendix E to your report?

24 A. Yes, it is.

25 Q. I'd like to show a sample of that videotape, but before

1 I do, I want to ask you if you employed any particular  
2 methodology when you were reviewing that compilation of  
3 videotape?

4 A. I went through the videotape and I wrote down every  
5 time a bull hook was used on an elephant, and wrote down  
6 whether it was the -- the point of the bull hook was used on  
7 the elephant, whether the hook was used to pull the elephant,  
8 or whether the bull hook was used to hit the elephant. And I  
9 then wrote down what -- where on the body of the elephant was  
10 being poked or hooked or hit, and what seemed to be the  
11 objective of the person who was doing the action, and how the  
12 elephant responded.

13 Q. Why did you employ that particular methodology?

14 A. Well, it's the same that I do when I'm -- if I do  
15 playback experiments and I have videotape, that's exactly what  
16 I do. I go through the videotape and write down exactly the  
17 point and what was happening, what the behavior was.

18 Q. Before we show a sample of that, can you tell us, based  
19 on your review of that videotape, what you saw in terms of the  
20 way the bull hook was being used?

21 A. Well, Your Honor, I have not had experience with the  
22 bull hook before, and what I noticed was there was a kind of  
23 clear pattern in how the bull hook was used, that I actually  
24 wasn't aware of before. But I guess it's kind of obvious, if  
25 a person wants to get an elephant to move back, then the



1 person will use the point of the bull hook to push the  
2 elephant away. If it wants the elephant to come toward it, it  
3 uses the hook part to pull the elephant toward it. If it  
4 wants to stop the elephant from doing something, it may hit  
5 the elephant or, again, push it with the -- or poke it with  
6 the pointed part.

7           And the parts of the body that were most often  
8 hit or hooked or poked are the ears, around the temporal gland  
9 on the side of the face, under the trunk, on the front of the  
10 trunk, under the chin, around the mouth, around on the feet,  
11 on the legs, particularly on the side of the leg, the upper  
12 leg, and I also saw it on the side of the body, I saw it in  
13 the anus, inside the mouth. I think that pretty well covers  
14 the parts of the body, so, depending on --

15           And what came across was that this seemed to be a  
16 routine use of the bull hook to get the elephants to --  
17 particularly to stay in line if they were, say, going on their  
18 way to a performance, then the elephants are off chains,  
19 they're supposed to stand still, and of course, elephants want  
20 to move all the time, and they are very exploratory, they want  
21 to use their trunks all the time to check out what's  
22 happening. Every time they try and explore anything or take a  
23 step, they get poked or pushed back with the bull hook. If  
24 they are not walking fast enough, then the hook is used to  
25 drag them along. Getting out of the train, this hook is used

1 to pull them down to get them to come faster.

2           So, to me, it seemed like a very routine use of  
3 the bull hook just to get elephants to do what is needed to  
4 exist in the kind of lifestyle that they have, the sort of  
5 commanding control lifestyle in the circus.

6           MR. SHEA: Your Honor, we object to this line of  
7 questioning. Dr. Poole was not offered as an expert on  
8 elephant training or management or use of free contact methods  
9 or use of the bull hook or chains, she was offered as an  
10 expert on elephant behavior. I think the voir dire  
11 established that she is not an expert on elephant training or  
12 sue of the bull hook or chains or free contact methods.

13           Also, we object to their use of Plaintiff's Will  
14 Call Exhibit 132. And we object because, although, we  
15 understand this might be used as a demonstrative at this time,  
16 it is irrelevant. It concerns none of the elephants at issue  
17 in this lawsuit. It is an edited piece, and the raw footage  
18 was never produced, therefore, it should be out under Rule 403  
19 because it is unfairly prejudicial, misleading and  
20 argumentative.

21           Also, Your Honor, it lacks authentication, and that  
22 does apply to demonstrative evidence. There is no one here to  
23 authenticate this video evidence. And we understand that they  
24 may try to authenticate it later, but it has not been. And  
25 Dr. Poole has no foundation to do so, and no way to lay a

1 foundation for the video itself.

2 THE COURT: What's your response?

3 MS. MEYER: Your Honor, we are going to -- would  
4 like to show this video footage at this point in time as a  
5 demonstrative so that Dr. Poole can explain to you the basis  
6 for --

7 THE COURT: She's not offered, though, as an expert  
8 on the use of this bull hook.

9 MS. MEYER: I'm going to ask actually if she also  
10 observed the reaction of the elephants to the use of the bull  
11 hook, Your Honor.

12 THE COURT: It's clear she's not offered as an  
13 expert in that area. I'll allow it for whatever weight, if  
14 any, it's entitled to, I'll allow it.

15 MS. MEYER: The other thing I wanted to say, Your  
16 Honor, even though you've already said you'll allow it. Is  
17 that the videographer who took all of the footage we're going  
18 to show to Dr. Poole is coming tomorrow to authenticate the  
19 video footage.

20 MR. SHEA: Your Honor, may I respond?

21 THE COURT: All right.

22 MR. SHEA: The fact that they are bringing someone  
23 to authenticate it does not cure the problem for Dr. Poole's  
24 testimony. She has not seen the real event, and she will be  
25 opining about something of which she has no firsthand

1 knowledge. There just is no authentication for this highly  
2 edited argumentative piece, and we object to her testimony.

3 THE COURT: We can proceed with this film once it's  
4 authenticated. Move on to another area. She's not offered as  
5 an expert on bull hooks. Move on to another area.

6 MS. MEYER: Well, Your Honor, just to be clear, she  
7 is being offered as an expert in terms of how --

8 THE COURT: It has not been authenticated, I'm not  
9 going to allow it to be used. Move on to another area.

10 MS. MEYER: Okay, Your Honor.

11 MR. SHEA: For the same reason, we move to strike  
12 her testimony just previous about what she observed --

13 THE COURT: I'm not going to strike it. Move on to  
14 another area, it's there. I'll give it whatever weight it's  
15 entitled to, if any.

16 MS. MEYER: Your Honor, can I just say for the  
17 record, that Dr. Poole has come here from Norway. It's going  
18 to be hard for her to come back to testify after this video  
19 footage has been authenticated.

20 THE COURT: Why isn't that person here who can  
21 authenticate the film?

22 MS. MEYER: He is scheduled to come tomorrow. We  
23 had scheduling difficulties for a number of reasons --

24 THE COURT: You know, because it's nonjury I'll let  
25 you do this, but if it's not authenticated at some point I'll

1 strike all this testimony. Let's move on.

2 MS. MEYER: That's fine, Your Honor.

3 THE COURT: Let's get to the point, though,  
4 Counsel.

5 BY MS. MEYER:

6 Q. I'd like to go to the clip. I'd like to show you the  
7 first clip and ask for your observations about the behavior of  
8 the elephant.

9 (Video played).

10 Can you describe what you saw when you saw this  
11 clip?

12 A. The elephant jerked its head up twice away from a  
13 painful object, and then immediately put its -- held its trunk  
14 up, and you can see that it's looking back. You can see the  
15 whites of its eyes showing, which is typically shown when  
16 elephants are alarmed. And it's looking back at the man who  
17 is tightening the headdress.

18 Q. And based on your expertise, Dr. Poole, is the kind  
19 of --

20 THE COURT: Don't lead her. Ask her a question.

21 BY MS. MEYER:

22 Q. Do you believe that this -- the action taken here was  
23 harmful to the elephant?

24 MR. SHEA: Objection, leading.

25 THE COURT: What's your opinion about what you just

1 saw?

2 THE WITNESS: I don't think -- I don't think that  
3 is proper treatment of an animal.

4 THE COURT: Why not?

5 THE WITNESS: Because I think it's painful. I  
6 think it's harmful. I think both the use of the bull hook  
7 and -- well, we're not seeing the whole sequence here, but the  
8 elephants are kept under total control. Whenever they try and  
9 investigate anything, then they are reprimanded. So, for a  
10 normal -- for normal wild elephant behavior, it is completely  
11 controlling everything that would be part of the natural  
12 behavior -- preventing anything that's part of their natural  
13 behavior.

14 MS. MEYER: Let's show the next clip, please.

15 (Video played).

16 THE WITNESS: In this --

17 THE COURT: What's the question. Ask a question.

18 Let's move along, Counsel.

19 BY MS. MEYER:

20 Q. Could you tell us what observations you made about this  
21 clip?

22 A. In this clip the elephant was reaching out just a  
23 little bit and then was smacked on the trunk for doing that,  
24 for exploring, and then was comforted by the elephant on the  
25 right who comes in to touch it.

1 Q. What is your opinion about --

2 A. My opinion is the same as the previous one, that the  
3 elephants are being prevented from doing -- from just carrying  
4 out their normal behavior -- what would be their normal  
5 behavior.

6 THE COURT: You said the elephant appears to have  
7 been exploring. What is it about what you just saw that would  
8 make me agree with what you just said?

9 THE WITNESS: Well, it reached out with its trunk,  
10 it was sniffing toward something. I couldn't see what it was  
11 sniffing toward because the tip of its trunk was out of view.  
12 So, I don't know whether it was a bit of hay that was there or  
13 it was a foreign object.

14 THE COURT: Is that a fairly -- would you describe  
15 it as a fairly typical or atypical activity on the part of  
16 the --

17 THE WITNESS: That they reach out?

18 THE COURT: Yeah.

19 THE WITNESS: Oh, they do that all the time. So,  
20 that's just -- they would be doing that just all the time with  
21 their trunks.

22 BY MS. MEYER:

23 Q. And, in your opinion, is that harmful to the elephant?

24 MR. SHEA: Objection, leading.

25 THE WITNESS: It's --

1 THE COURT: Overruled.

2 THE WITNESS: It's harmful for the elephants to be  
3 controlled in that way and not be able to carry out their  
4 normal behavior.

5 BY MS. MEYER:

6 Q. How about the hitting of the elephant on the trunk?

7 A. Well, obviously it was painful because the elephant  
8 backed -- withdrew it's trunk and backed away.

9 MS. MEYER: I'd like to show the next clip, which  
10 is actually a series of a couple of clips in a row.  
11 (Video played).

12 BY MS. MEYER:

13 Q. What are your observations about these clips that  
14 you've seen?

15 A. That the elephant is clearly interested in something  
16 over on the right-hand side there, I'm not sure what it was.  
17 But on the first occasion he used a leatherman to pinch the  
18 elephant, send it back. And then the second time he dragged  
19 the elephant back with the bull hook, with the hook part of  
20 it. Again, I just think it's -- these are young animals.  
21 These are just, you know, several years old, and already they  
22 are being confined in a small area. They can't exhibit their  
23 normal behavior. They're not allowed to explore, which is  
24 there very, very -- natural for them to do. They are curious  
25 animals, they are intelligent and social, and they are just



1 limited to these very few things they're allowed to do.

2 THE COURT: What is that first instrument that  
3 you --

4 THE WITNESS: Leatherman.

5 THE COURT: What's that?

6 THE WITNESS: Pliers, yeah.

7 BY MS. MEYER:

8 Q. In your opinion, is this treatment that we've seen  
9 harmful --

10 THE COURT: Don't lead her, Counsel. You have to  
11 ask --

12 BY MS. MEYER:

13 Q. What is your opinion as to whether or not --

14 A. It's harmful. It's harmful. It causes harm to the  
15 elephants. It's harassing the elephants, that's what it  
16 really is. It's harassing the elephants. It's harming them  
17 and it's harassing, particularly harassing. I mean, I just, I  
18 just -- I don't understand why in this day and age with all we  
19 know about these animals that we have to treat them like this.  
20 This is the United States of America, we don't have to do this  
21 to these animals.

22 THE COURT: What would be another way of treating  
23 these animals?

24 THE WITNESS: Not having them in circuses. Not  
25 having them perform. Not having -- abusing animals for our

1 entertainment. I think it's wrong.

2 BY MS. MEYER:

3 Q. Dr. Poole, did you have an opportunity to review ways  
4 in which the elephants perform in the Ringling Brothers  
5 circus?

6 A. I did.

7 Q. And how did you have that opportunity?

8 A. I watched some videotape.

9 Q. Was this videotape of actual performances?

10 A. Yes, it was.

11 MS. MEYER: I'd like to show a clip from Will Call  
12 Exhibit 136, which is a compilation of video footage that was  
13 produced by the defendant. That's a compilation of Ringling  
14 Brothers circus performances. And just to be clear, we're  
15 only asking to move in the portions that were not objected to  
16 by the defendant. And to be clear, for the record, the  
17 Bates -- or sorry, the time stamp for the video that I want to  
18 show is from Will Call 136, it's starts at 19:38 to 22:19, and  
19 this is Clip Number 1 to Excerpt 5 on the exhibit to which no  
20 objection was made.

21 THE COURT: All right.

22 BY MS. MEYER:

23 Q. I'd like to show it and then ask you some questions  
24 about it.

25 (Video played).

1           Can you tell your observations based on that video  
2 clip?

3       A.   Well, it's a lot of unnatural behavior. I don't know  
4 how they manage to get the elephants to behave like that. I  
5 imagine it's through the use of the bull hook.

6       Q.   Can you explain -- when you say it's unnatural  
7 behavior, can you be specific about --

8       A.   I have not seen --

9       Q.   Dr. Poole --

10      A.   -- other than the lying down, I have not seen elephants  
11 skipping in the wild. I have not seen them doing a long mount  
12 in the wild. They don't run around holding onto each other's  
13 tails in the wild like that. They don't spin around, around  
14 and around. They don't behavior like that in the wild. And a  
15 lot -- they don't stand on their heads. A lot of those  
16 actions require a lot of exertion, and some of these are  
17 elderly animals.

18                   They have no choice. They've got no choice.  
19 What are they going to do? If they don't -- if they don't  
20 follow instructions, they get beaten. So they wander around  
21 doing this ridiculous stuff.

22      Q.   Dr. Poole, in the wild do female elephants mount each  
23 other?

24      A.   No, they don't.

25      Q.   Is that a natural act?

1 A. No.

2 Q. You said that you had also observed elephants giving  
3 birth in the wild, is that correct?

4 A. Yes. Yes, I have.

5 Q. Have you had an opportunity to review videotape of any  
6 of the Feld Entertainment elephants giving birth?

7 A. Yes.

8 Q. Do you know which elephants were portrayed in that  
9 videotape?

10 A. Shirley and Ricardo.

11 MS. MEYER: I'd like to show a clip from Exhibit  
12 141, which is a video that was produced by Feld Entertainment,  
13 and it's labeled Baby Ricardo, Raw Birth Footage, and then ask  
14 Dr. Poole some questions about it.

15 MR. SHEA: Your Honor, we object, it's irrelevant.  
16 This elephant is not at issue. Also, there aren't baby  
17 elephants at issue or birth is not at issue here. So, we  
18 object as irrelevant under 401 and 402.

19 THE COURT: What's your response?

20 MS. MEYER: To begin with, Your Honor, you've  
21 already denied their Motion in Limine based on which elephants  
22 are at issue, so that part of it I think has already been  
23 resolved. We're alleging a pattern and practice here and seek  
24 to use this video footage to show -- for probative value  
25 concerning our claims. And as you will see in the video --

1 THE COURT: This is a film footage of Ricardo.  
2 Ricardo is not one of the subject elephants. This is one of  
3 the 404(b) or --

4 MS. MEYER: Right, Your Honor, we've already --  
5 you've already denied their objection.

6 THE COURT: I'll allowed over objection. Let's  
7 move on.

8 MS. MEYER: Excuse me?

9 THE COURT: It's allowed over objection. Move on.

10 MS. MEYER: Okay. Thank you, Your Honor. Go  
11 ahead. Just show it.

12 BY MS. MEYER:

13 Q. Actually, I think it would be helpful if you would  
14 Judge Sullivan your observations as we're watching the  
15 videotape.

16 A. Okay. This is Shirley, she is obviously there chained  
17 on three legs. I watched a longer clip, and hour and 13  
18 minutes, and she many, many times tried to pull the chains  
19 off. She repeatedly goes through and reaches over trying to  
20 get to her companion who is on the other side of --

21 THE COURT: Which elephant is this?

22 THE WITNESS: Shirley. She tries to reach through  
23 the bars. I counted the number of times, it was like 19 times  
24 where she tries to reach through, and she pulls and pulls on  
25 her chains here. And now she's about to give birth. And you

1 see as the men come up, she sort of starts holding, holding  
2 still. So, everything there is -- nothing natural about this  
3 birth except that it's not a C-section. It's completely  
4 controlled by people. She was not able to bend in the way  
5 that an elephant in the wild bends when she is giving birth.

6           They take the baby away from her as soon as soon as  
7 she gives birth. They're using a bull hook on her as she's  
8 giving birth and after she gives birth. She has no  
9 possibility of moving. She's on a hard cement floor. Not  
10 with her family. It's just so -- so completely different from  
11 an elephant in the wild who would be with her family, they  
12 would all help her, they would help the calf get to her feet.  
13 There would be rumbling and trumpeting and sort of celebration  
14 with the birth of a baby. And because she'd be able to move,  
15 it wouldn't be so problematic.

16           I mean, one of the problems is that what happens  
17 with these elephants is that the calves are just taken away  
18 from their mother's. In the wild the calves learn -- the  
19 females learn from being around a birth, they learn from  
20 taking care of small babies. So, by the time they become  
21 mother's themselves, they know what to do, they know how to  
22 look out. So, there's this kind of cycle of incompetent  
23 mothers, and then these mothers when they give birth -- you'll  
24 see what happens when she gives birth, she kicks the calf. So  
25 then everyone has to rush in and take the baby away.

1           But these are animals that have no experience.  
2 Females learn how to take babies through experience. They  
3 start taking babies when they're -- taking care of babies when  
4 they are four years old, even younger sometimes. Practicing  
5 suckling the baby. Retrieving the babies and caring for it,  
6 comforting it. These animals don't get a chance to do that.

7           THE COURT: So, in the wild the process would be --  
8 how would you describe the birthing process?

9           THE WITNESS: Well, you know, they do vary. The  
10 one that I saw had the best observations of the -- the female  
11 was with her family of 30 elephants. They were all around  
12 her. Everyone was rumbling and trumpeting and -- a huge  
13 cacophony of sound. I recorded the whole thing. A lot of  
14 temporal gland secretions showing that they were highly  
15 excited. They helped the calf to its feet. They are touching  
16 it the whole time, taking care of it. And then they just, you  
17 know, talking to it, talking to it, over and over and over  
18 again for the next few months, it's just touching the baby all  
19 the time. So here it's just whipped away from the mother.

20 BY MS. MEYER:

21 Q. And based on what you observed, did that in any way  
22 form your opinion about the use of the bull hook and chains?

23 A. Well, it's just part of the same thing, that these  
24 elephants have no freedom, they live sort of under a command  
25 and control lifestyle. They have no choice. There's nothing

1 that -- there's nothing -- there's nothing here that resembles  
2 their life in the wild at all. So, I think it's very harmful  
3 to them as individuals. I think it harasses them and it  
4 wounds them. We haven't gone into that, but it wounds them.

5 Q. Dr. Poole, are you being paid by the plaintiffs for  
6 your work in this case?

7 A. I am not.

8 Q. Do you engage in advocacy work on behalf of elephants?

9 A. Yes, I do.

10 Q. What kind of advocacy work do you do?

11 A. I have been served in -- this is the third court case  
12 that I've been in. Mostly, I'm writing statements about  
13 elephants in circuses or -- I participated in trying to stop  
14 the capture of wild calves in South Africa, in which we were  
15 successful. So that is now moved into law, there is not going  
16 to be any more capturing of baby elephants in South Africa.

17 So, I mean, I prefer to do things for wild  
18 elephants, because I feel that's the more important. But I  
19 engage where I feel I can really make a difference to these  
20 animals, because based on all my time with them I feel they  
21 are deserving of much better treatment than what we are giving  
22 them because they are so social and intelligent.

23 THE COURT: Is it fair to say that you firmly  
24 believe, though, that elephants should not be in captivity?

25 THE WITNESS: No. But I do believe, and I'm



1 working even on the zoo front, I am working toward having  
2 elephants in much bigger spaces. I do believe they need the  
3 space, not just for walking around, but because without that  
4 space you can't provide them with the kind of social life they  
5 need for social learning, to learn how to take care of calves.  
6 All the kind of problems that you see in captivity are in  
7 large part caused because they don't have enough space to be  
8 elephants.

9 THE COURT: All right. So there's -- do you have  
10 an opinion as to whether there's a difference with respect to  
11 the behavior of Asian elephants in zoos as opposed to  
12 defendant's circus?

13 THE WITNESS: Yes, it's very different. I mean, in  
14 zoos they are pretty much allowed to get on and do what they  
15 want to do, they just don't have much space to do it in. But  
16 the circus is -- you know, it's a continuum, basically. And  
17 the circus is absolutely at the bottom end in terms of the  
18 treatment of elephants.

19 THE COURT: Okay. So, what else is on the -- on  
20 that plane, you said the bottom end -- the bottom end, are  
21 there levels above circus?

22 THE WITNESS: I mean, there are some zoos that are  
23 still chaining elephants. There are some zoos that are  
24 keeping elephants in -- keeping elephants in very small  
25 spaces, particularly males. Males are very difficult to keep.

1 And sometimes they tend to be put in the back somewhere and  
2 spend a lot of their life in chains. But more and more zoos  
3 are chaining less and less. More and more zoos are providing  
4 more space for elephants. And more and more zoos are moving  
5 toward protected contact, where elephants are given a choice  
6 in whether they participate or not.

7 THE COURT: Go ahead.

8 MS. MEYER: I have no further questions at this  
9 time, Your Honor. I did want to make sure that we did move  
10 into evidence Appendix A to her report, which is her CV.

11 THE COURT: Any objection?

12 MR. SHEA: Is the motion just for Appendix A or the  
13 entire report?

14 MS. MEYER: Yes.

15 THE COURT: She's offering Appendix A, as I  
16 understand it. Is that correct?

17 MR. SHEA: Which is solely her CV?

18 MS. MEYER: Yes.

19 MR. SHEA: No objection.

20 THE COURT: Admitted. Is there an exhibit number  
21 for that Appendix?

22 MS. MEYER: It's Appendix A to Dr. Poole's report,  
23 which is 113-Poole. So, it's in Exhibit 113.

24 THE COURT: We need a number. Just assign it a  
25 number so it's a clear record then.

1 MS. MEYER: I'm sorry, it's 113-A.

2 THE COURT: 113-A is admitted, that's the Appendix.  
3 All right.

4 MS. MEYER: I also wanted to make sure that we move  
5 into evidence the video footage from the CEC inspection, which  
6 is Will Call 142, I'm not sure whether that got moved into  
7 evidence. Certainly the clip that we showed, which I think I  
8 read that into record, which was 2:10:22 to 2:11:42.

9 THE COURT: I don't think there was an objection to  
10 that, was there?

11 MR. SHEA: Your Honor, there was not. I think it's  
12 in evidence.

13 THE COURT: It's already been admitted.

14 MR. SHEA: Right.

15 MS. MEYER: Will Call 141, the clip that we showed  
16 of the birth footage, I think you said that could be admitted  
17 into evidence.

18 THE COURT: That's subject to authentication,  
19 correct?

20 MS. MEYER: No, that's produced by Feld  
21 Entertainment.

22 THE COURT: Any objection?

23 MR. SHEA: Your Honor, I objected to it as  
24 irrelevant.

25 THE COURT: It comes in. I believe that's an -- is

1 that exhibit being offered pursuant to your other evidence  
2 request?

3 MS. MEYER: No, Your Honor, that's the one where  
4 they're claiming it's irrelevant because it deals with  
5 elephants other than the seven that you ruled Tom Rider has  
6 standing with respect to. And you've already denied their  
7 Motion in Limine on that because we argued that it's part of a  
8 pattern and practice --

9 THE COURT: That's what I just asked you. Listen  
10 to my question. My question was: Are you offering that  
11 pursuant to your other evidence theory?

12 MS. MEYER: Yes, I'm sorry, I misunderstood you.

13 THE COURT: It's admitted over objection.

14 MS. MEYER: Yes. Thank you, Your Honor. And the  
15 MRI footage, 145-B, I believe that also was admitted.

16 THE COURT: Yeah.

17 MS. MEYER: And the last one --

18 THE COURT: Yes.

19 MS. MEYER: Also --

20 THE COURT: There's no need to go over these again,  
21 Counsel.

22 MS. MEYER: I just wanted to make sure -- I'm  
23 sorry, Your Honor, I'm just trying to --

24 THE COURT: That's why I'd just as soon deal with  
25 them when you're offering them so we don't have to go over

1 them twice.

2 MS. MEYER: Thank you, Your Honor.

3 THE COURT: It's cutting into your time now.

4 MS. MEYER: Okay. I'm done.

5 THE COURT: Now, you are available for  
6 cross-examination tomorrow, correct?

7 THE WITNESS: I'm leaving tomorrow.

8 THE COURT: What time are you leaving tomorrow?

9 THE WITNESS: I have to leave for the airport at  
10 3:00.

11 THE COURT: Dulles? We'll make sure you get there.  
12 How many time do you need for cross?

13 MR. SHEA: Well, depending on the witness, of  
14 course, Your Honor, 30 minutes to an hour I would expect.

15 THE COURT: Then, what, you anticipate redirect?

16 MS. MEYER: Some redirect, Your Honor.

17 THE COURT: Well, let's use some of the time this  
18 afternoon, it's only 5:00 o'clock. Go ahead. We'll stop at  
19 5:30. We can at least start cross-examination.

20 CROSS-EXAMINATION

21 BY MR. SHEA:

22 Q. Lanes Shea for FEI. Dr. Poole, in your view, elephants  
23 just should be banned from circuses, correct?

24 A. That is correct.

25 Q. And by that you mean any circuses, correct?

1 A. Circuses as I know them. If they're like what I've  
2 seen in this case, yes.

3 Q. Let me show you Page 58 to your deposition, starting on  
4 Line 2. Do you see that in front of you?

5 A. Yeah.

6 Q. Question? Now, first off, do you maintain a website  
7 called Elephant Voices. Answer: That is correct. Question:  
8 In this statement that you wrote, do you, viewing Exhibit 6,  
9 does that look to you to be a statement that you wrote and  
10 presented on Elephant Voices? Answer: I don't -- it probably  
11 is on Elephant Voices, yes. Question: I would just like to  
12 ask you about one sentence in it, the sentence you say, quote,  
13 it is my considered opinion that elephants should not be used  
14 in circuses, end quote. Did I read that correctly? Answer:  
15 Yes. Question: Is that your opinion? Answer: That is my  
16 opinion. Question: Is that your opinion as you sit here  
17 today? Answer: Yes. Question: And when you say circuses,  
18 do you mean any circuses? Answer: I mean any circuses.

19 Did I read that correctly, Dr. Poole?

20 A. Yes, you did.

21 Q. Now, you believe that free contact methods, that is,  
22 use of the guide and chain should be banned completely, isn't  
23 that correct?

24 A. Sorry, can you repeat that?

25 Q. I can. You believe that free contact methods should be

1 banned completely, correct?

2 A. You know, there's free contact using the bull hook.  
3 There's also some free contact without use of the bull hook.  
4 It may not be called free contact, but it is in the same space  
5 of the elephant, so --

6 THE COURT: Tell me what free contact is?

7 THE WITNESS: Well, free contact typically, I guess  
8 this is what you mean. You're working in the same space as  
9 the elephant. And typically you are -- because of elephant  
10 husbandry, working with the feet, getting the elephants to do  
11 things, then you use a bull hook. But there are a couple of  
12 sanctuaries here that are working in the same space with the  
13 elephants, but because they are not asking the elephants to do  
14 anything for them, they're not using a bull hook. So, if you  
15 mean working with a bull hook in free contact, then yes, I am  
16 opposed to free contact use with a bull hook.

17 BY MR. SHEA:

18 Q. And you believe that free contact use with a bull hook  
19 and chain should be banned, right?

20 A. I believe I have said with -- if that's need for  
21 veterinary treatment, you might have to chain the elephant for  
22 a short period of time, but essentially, yes, I am opposed to  
23 chaining of elephants.

24 Q. Do you believe -- you believe that all circus  
25 situations where elephants are expected to perform on demand

1 should be banned, correct?

2 A. Yes.

3 Q. And you believe that use of elephants for elephant  
4 backed safaris should be banned as well, don't you?

5 A. Yes, that's true.

6 Q. What date did you begin studying elephants in the wild?

7 A. September 1975.

8 Q. So it's since September 1975 you've held the opinion  
9 that elephants should not be exhibited in circuses, correct?

10 A. Well, I don't know if I even thought about it much back  
11 then, to be honest. So, I don't know when exactly I came to  
12 that conclusion, but I would guess if someone had asked me  
13 then that I probably would have said that I didn't think it  
14 was appropriate.

15 Q. Let me go to Page 303 of your deposition, Line 22. I'd  
16 like to show you that.

17 A. Uh-huh.

18 Q. On 303, Line 22, I began a question: Dr. Poole, for  
19 how long have you held the opinion that elephants should not  
20 be exhibited in circuses? Answer: I am not sure how long  
21 I've held that opinion, but I know when the first statement  
22 was made, the first statement together with the rest of my  
23 team from Amboseli Trust for Elephants, I think, is that 2001,  
24 it has been updated since then. Question: So, did you hold  
25 that opinion before 2001? Answer: Yes. As long as I have



1 studied elephants in the wild, I haven't been happy to see  
2 elephants in -- well, even in zoos, but particularly in  
3 circuses.

4 Did I read your testimony correctly?

5 A. Yeah, you have.

6 Q. And you've held that opinion regarding zoos, is that  
7 true?

8 A. Well, listen, I grew up in Africa where I have had the  
9 opportunity to see animals living in the wild and behaving  
10 naturally. So, even when I was a child, I used to be quite  
11 disturbed by what I observed in zoos. So, I have been  
12 concerned about the welfare of animals in zoos and certainly  
13 in circuses for a long time.

14 Q. And, Dr. Poole, you're appearing in this case as an  
15 advocate, isn't that true?

16 A. Well, I'm appearing as an expert in elephant behavior.

17 Q. Let's go to Page 215 of your deposition, Dr. Poole,  
18 starting on Line 19. Question: Dr. Poole, I will hand you  
19 something which I think was taken from your website, saying,  
20 legal case against Ringling Brothers circus for mistreatment  
21 of elephants, and I have marked it as Exhibit 11. Answer:  
22 Okay. Question: Does that appear to be something printed  
23 from your website? Answer: Actually, it is on -- it may  
24 appear on the website -- it may appear on the website, but it  
25 was originally in something called Wildlife Direct on which we

1 have a blog. Question: I see. It begins, quote, hi, this is  
2 Joyce again, end quote. Am I reading that correctly? Answer:  
3 Yes. Question: So, these are yours words, are they not?  
4 Answer: Yes. Question: And this was a statement of what,  
5 December 10, 2007, is that right? Answer: Yes. Question: I  
6 note in the third paragraph it says that, quote, one example  
7 of the advocacy work I do is in my involvement as an expert  
8 witness in a lawsuit brought by the America Society for the  
9 Prevention of Cruelty to Animals, the Animal Welfare  
10 Institute, the Fund for Animals and the Animal Protection  
11 Institute, and a former Ringling Brothers employee, Tom Rider,  
12 who worked as a barn man with the elephants for two and a half  
13 years, against Ringling Brothers and Barnum & Bailey Circus  
14 and Feld Entertainment. Ringling Brothers for violation of  
15 the U.S. Endangered Species Act. Did I read that correctly?  
16 Answer: Yes. Question: Do you see your role in this as an  
17 advocate? Answer: Yes, I do.

18 Did I read that correctly, Dr. Poole?

19 A. You read that correctly.

20 Q. Now, as it mentions here, you're a director of an  
21 entity called Elephant Voices, is that right?

22 A. Yes, sir, that's correct.

23 Q. And one of the two purposes of Elephant Voices is to  
24 act as a voice for elephants, isn't that right?

25 A. Correct.

1 Q. And you've been an advocate many times, isn't that  
2 true?

3 A. Quite a few times.

4 Q. In fact, in 2005 you advocated against the importation  
5 of elephants from Thailand to Australia, correct?

6 A. I did.

7 Q. Ultimately, however, the elephants were moved from  
8 Thailand to Australia, weren't they?

9 A. That's correct.

10 Q. In 2005, you were an advocate in Chicago arguing that  
11 the city should ban circuses that exhibited elephants,  
12 correct?

13 A. That's correct.

14 Q. In 2002 you were an advocate against the Stardust  
15 Circus, a case in South Wales, Australia, arguing against the  
16 keeping methods of elephant Arna, A-R-N-A, isn't that right?

17 A. I wrote a statement about her behavior.

18 Q. And that was for that case in South Wales, Australia,  
19 correct?

20 A. I believe it was used in a case, I'm not sure if it  
21 was. They asked me for my comments on her behavior.

22 Q. Let's go to deposition page 89. Dr. Poole, I'd like to  
23 show you a question beginning on Line 14. Question: In 2002  
24 do you recall serving as an expert witness in a case called  
25 Pearson versus Janlin in New South Wales involving the

1 Stardust Circus? Answer: Is that Arna? Is that the elephant  
2 called Arna? Question: Yes. Answer: Did I testify?  
3 Question: I'm asking what you recall. Answer: I wrote some  
4 sort of statement about -- I viewed the videotape of the  
5 elephant. Question: And this was elephant Arna, is that  
6 right? Answer: Yes, I think so. Did I read your testimony  
7 correctly?

8 A. You did.

9 Q. Now, in 1998 you testified against Riccardo Ghiazza  
10 regarding the capture of Tuli, T-U-L-I, elephants in Botswana,  
11 is that correct?

12 A. That's correct.

13 Q. And you've appeared before the Massachusetts Senate  
14 advocating that circuses should be banned from that state,  
15 true?

16 A. That's true.

17 Q. Now, Born Free United, a plaintiff in this case, for  
18 many years has been a strong supporter of Amboseli Trust for  
19 Elephants, correct?

20 A. That is true.

21 Q. And Born Free United has donated money over many years  
22 to the Amboseli Trust for Elephants, isn't that correct?

23 A. That is correct.

24 Q. Dr. Poole, now, you did not attend the elephant  
25 inspection at Auburn Hills, isn't that right?

1 A. That's correct.

2 Q. Thus, you did not personally observed Karen -- the two  
3 elephants, Karen and Nicole, correct?

4 A. I did not.

5 Q. And as far as direct observation, you don't have any  
6 opinions regarding Karen or Nicole, correct?

7 A. Can you repeat that, please?

8 Q. As far as direct observation, you did not have any  
9 opinions regarding Karen or Nicole, correct?

10 A. As long as you don't count the video, I guess -- you're  
11 not counting the video. Correct.

12 Q. You did not review the videotape of the Auburn Hills  
13 inspection, correct?

14 A. No, I did.

15 Q. Well, at the time of your deposition I asked you and  
16 you said you didn't, do you recall that testimony?

17 A. I don't recall that testimony.

18 Q. Could we please go to Page 298 of Dr. Poole's  
19 deposition. Beginning on Line 2, I asked a question.

20 Question: Well, let me ask it this way, do you know that  
21 elephants -- well, let me ask it this way. Did you watch the  
22 video of Auburn Hills inspection? Answer: Sorry, no, I did  
23 not. Did I read that correctly?

24 A. You read it correctly, but there was a lot of video. I  
25 have seen it.

1 Q. Well, Dr. Poole, at the time I took your deposition you  
2 said you had not reviewed it?

3 A. I can see that.

4 Q. Correct? And so you formulated your opinions --

5 A. In my report -- it's listed in my report. So, I mean,  
6 I may have been confused. I have seen it.

7 Q. Did you see it before or after you wrote your report?

8 A. I saw it before.

9 Q. Now, Dr. Poole did you attend the --

10 THE COURT: You made reference to it in your report  
11 then, correct?

12 THE WITNESS: Yeah, it's listed as the evidence  
13 that I reviewed.

14 THE COURT: All right.

15 BY MR. SHEA:

16 Q. So, you're certain that the Auburn Hills inspection is  
17 listed as evidence in your report?

18 A. Yes.

19 Q. Did you make the list of evidence that was listed as  
20 an -- did you make the list of evidence appended to your  
21 report? Did you write that list?

22 A. No, I didn't write that list.

23 Q. Who wrote that list?

24 A. I participated in it because I had -- but it was made  
25 by -- it was made by the -- I'm not sure who made it, but --

1 Q. Dr. Poole, you did attend the inspection at the Center  
2 for Elephant Conservation as we have seen today, correct?

3 A. Yes.

4 Q. You've not observed a normal day for those elephants  
5 and handlers, though, have you?

6 A. No, I have read about a normal day, but I have not seen  
7 a normal day.

8 Q. And at the inspection you did not observe the normal  
9 behavior between any of the handlers and the five elephants  
10 that were inspected, correct?

11 A. I wouldn't be able to say that. But as I said in my  
12 deposition, I would have expected if they were trying to put  
13 on a show for us, then they would have been very cozy, nice  
14 interactions between the men and the elephants. They were  
15 trying to impress us, and that's not what I observed.

16 Q. First off, let's go to Page 213 of your deposition to  
17 address the question I just asked.

18 A. Okay.

19 Q. And on Line 11. I asked, Question: My question was,  
20 you have not observed the normal behavior between any of these  
21 handlers and the five elephants, correct? Answer: I have not  
22 observed on a normal day. Did I read that correctly?

23 A. You read that correctly.

24 Q. Dr. Poole, you say that at the inspection you saw that  
25 the elephants were tense, do I understand that correctly?

1 A. Yes, you do.

2 Q. Are you aware that the conduct of that inspection, what  
3 was to be done, was dictated by plaintiff's counsel?

4 MS. MEYER: Objection, Your Honor. Objection,  
5 that's a misstatement.

6 THE COURT: She can answer the question if she  
7 wants. Do you understand the question?

8 THE WITNESS: If he can repeat it, please.

9 BY MR. SHEA:

10 Q. Do you understand that the conduct of that inspection  
11 was chosen by plaintiff's counsel?

12 A. Well, not entirely, because I don't think the bathing  
13 of the elephants was in the original plan for the day.

14 Q. What else can you -- but at this point you don't  
15 understand that plaintiff's counsel dictated the conduct of  
16 the inspection?

17 A. Well, in the details of when we were finished looking  
18 at one elephant and the next elephant. But, for instance, I  
19 did ask to see the elephants be allowed to be loose and see  
20 how they interacted, and that was not permitted. So, I'm not  
21 really sure how to answer that.

22 Q. So, of whom did you ask that?

23 A. I asked it of one of your lawyers.

24 Q. And you were directed to plaintiff's counsel with that  
25 question, were you not?



1 A. No, I was not, I was ignored.

2 Q. Dr. Poole, the elephants were lined up for inspection,  
3 were they not?

4 A. Yes, that's correct.

5 Q. You were there at that time when they were first lined  
6 up, is that true?

7 A. Well, the bath was first -- you mean before the bath?

8 Q. I'm asking when they were lined up for inspection?

9 A. Yes.

10 Q. Following the bath, were you there?

11 A. Yes.

12 Q. After the bath when they were lined up for inspection,  
13 were you present?

14 A. Yes, I was.

15 Q. And you needed to stand and wait and so did the  
16 elephants for 20 minutes, lined up, while counsel for  
17 plaintiffs and Carol Buckley were late, isn't that correct?

18 A. That is correct.

19 Q. And these wide-ranging inquisitive creatures as you've  
20 described them, don't you think they would become a little  
21 antsy in that situation?

22 A. Yes, probably.

23 Q. And that's what you saw, isn't it?

24 A. Yeah, but then -- if it were me, I would have let them  
25 wander around until such time as it was time for the

1 inspection.

2 Q. Dr. Poole, you have no evidence of knew ankus wounds on  
3 any of the elephants at issue in this lawsuit, correct?

4 A. I did not see any.

5 Q. And the scars or marks you believe were caused from use  
6 of the ankus. You did not see the actual cause of those scars  
7 or marks, correct?

8 A. No, but the marks were consistent with bull hook  
9 wounds.

10 THE COURT: I'm sorry, your voice kind of trailed  
11 off --

12 THE WITNESS: I'm sorry. The marks were consistent  
13 with abscesses that would be caused by bull hook wounds.

14 MR. SHEA: Object, nonresponsive.

15 THE COURT: She responded to your question.

16 BY MR. SHEA:

17 Q. You have no direct evidence of new injury or wounds  
18 from the chains on any of the elephants at issue in this  
19 lawsuit, correct?

20 A. Not new wounds, no.

21 Q. The scars or marks that you believe were caused from  
22 chaining, you did not see the actual cause of those scars or  
23 marks, correct?

24 A. No, I did not.

25 Q. Dr. Poole, in your opinion, using the ankus with

1 elephants for negative reinforcement is a taking, correct?

2 A. Yes.

3 THE COURT: What's a taking in your opinion?

4 THE WITNESS: In my opinion it's harming, wounding  
5 or harassing the elephants.

6 BY MR. SHEA:

7 Q. In your opinion, Dr. Poole, any restriction of an  
8 elephant's movement is harassment, correct?

9 A. Within context, yes. Within the context of how it's  
10 being done at Ringling Brothers Circus, yes.

11 Q. Let me show you Page 294 of your deposition, Line 18.  
12 Question: I'm interested in last sentence of that paragraph,  
13 the opinion there where it says, quote, in my opinion all of  
14 these instances constitute harassment of the elephants because  
15 the handlers are interrupting through their use of the bull  
16 hook the very essence of normal elephant behavior, end quote.  
17 Did I read that correctly? Answer: You did. Question: So,  
18 is it the fact that the elephant's movements are controlled  
19 that constitute harassment? Answer: Yes. I mean, anything  
20 that the elephants want to do is stopped, basically.

21 Did I read that correctly?

22 A. You did.

23 Q. Dr. Poole, such restrictions of an elephant's movement  
24 are common to all captive environments, aren't they?

25 A. To the extent that they are at Ringling Brothers, no.

1 Q. That's not my question, Dr. Poole. It's your opinion  
2 that any restriction of an elephant's movement is harassment,  
3 we just established that. And my question is: That any  
4 restriction of an elephant's movement is common to all captive  
5 environments. All captive environments restrict elephant  
6 movement, don't they?

7 A. Yes, they do, but we're talking about a continuum.

8 Q. We'll talk about that continuum in a moment. Dr.  
9 Poole, in your opinion, requiring an elephant to stay in a  
10 barn overnight is harm to that elephant, correct?

11 A. When it's chained like that and in the context of how  
12 it's being done.

13 Q. Let's go to Page 295 of your deposition, Line 16 in  
14 your deposition, I asked you -- Question: And I am trying to  
15 understand what your view is and is not harassment. Putting  
16 elephants in a barn overnight and having them be indoors  
17 overnight at a zoo, for instance, is that harassment, because  
18 it certainly is controlling? Answer: That I would have  
19 listed under harm. That would be harm, but not harassment.  
20 Question: That would be harm but not harassment? Answer:  
21 Yes.

22 Now, Dr. Poole, having an elephant perform a  
23 movement on demand such as those necessary for foot care is a  
24 taking, is that correct?

25 A. Sorry.

1 Q. Having an elephant -- do I need to repeat the question?

2 A. Yes.

3 Q. Having an elephant perform a movement on demand such as  
4 those necessary for foot care is a taking, correct?

5 A. Not when it's done in free contact. Sorry. Not when  
6 it's done in protected contact.

7 Q. Let me show you Page 134 of your deposition starting on  
8 Line 10. Question: And on the last page of Exhibit 8, we  
9 just talked about this, and I want to try to understand your  
10 opinion. Point 6, you say, you argue that elephants should be  
11 removed from all free contact situations where they are  
12 expected to perform on demand. Let me stop there because the  
13 rest concerns circuses or elephant backed safaris. In zoos,  
14 you understand that in free contact situations elephants are  
15 expected to perform certain activities or certain movements on  
16 demand, such as those necessary for foot care for maybe some  
17 limited performance and the like? Answer: Well, this is  
18 why -- this is specifically the expectation of performing on  
19 demand, especially things that the elephant would choose not  
20 to do, I think that is where it is. It is kind of a gray  
21 area, but it is this expectation that the elephant has to  
22 perform on demand when people want it to. And the ankus in  
23 that context, which is why everybody one argues against and  
24 some people argue against free contact specifically.  
25 Question: Is that why you argue against it? Answer: Yes.

1 Question: Is that why you think it is a taking in that  
2 situation? Answer: Well it takes away the autonomy of the  
3 elephant and gives it no choice. Did I read that correctly?

4 A. You did.

5 Q. Now, Dr. Poole, you have never worked or consulted for  
6 the USDA, correct?

7 A. I have not.

8 Q. And there have been no studies comparing the behaviors  
9 of wild Asian and wild African elephants, correct?

10 A. No studies started out with that in mind -- without  
11 specifically in mind, is that what you're saying?

12 Q. My question is: There have been no studies comparing  
13 behaviors of wild Asian and wild African elephants, correct?

14 A. There have been papers that have compared them, but  
15 there have been no studies that have started out, as far as  
16 I'm aware, with the specific purpose to make specific  
17 comparisons there.

18 Q. Dr. Poole, there are no studies on the rate of  
19 arthritis in wild Asian or African elephants, correct?

20 A. Not that I'm aware of.

21 Q. And you don't know the rate of serious foot problems in  
22 wild Asian elephants, correct?

23 A. I don't happen to know the rate.

24 Q. You're not aware of any studies that report the rate of  
25 serious foot problems in wild Asian elephants, correct?

1 A. No, but my colleague works with vets all the time, so  
2 she is very knowledgable on the kinds of problems that Asian  
3 elephants face with their feet in the wild, and I consulted  
4 her specifically on this. So, she said the kind of foot  
5 problems they have there are caused by buckshot wounds, wounds  
6 inflicted by people, but not -- as far as she was aware, not  
7 arthritis.

8 Q. Dr. Poole, my question wasn't about cause, it was about  
9 if you were aware of any studies. You're not aware of any  
10 studies that report the rate of serious foot problem in wild  
11 Asian elephants, correct?

12 A. That is correct.

13 Q. There are no studies that report the rate of  
14 stereotypic behavior in wild Asian elephants, correct?

15 A. Well, it has not been seen. I have never seen any  
16 stereotypic behavior in the wild.

17 Q. Let me show you Page 285 of your deposition, beginning  
18 on Line 22. Question: Do you know of a study that reports  
19 the rate of stereotypic behavior in wild Asian elephants?  
20 Answer: No, I do not. The same question -- the same question  
21 for Africans, do you know of a study that reports the rate of  
22 osteomyelitis in wild African elephants? Question: No.  
23 (sic) Do you know of a study that reports the rate of  
24 stereotypic behavior in wild African elephants? Answer: No.

25 Did I read that correctly?

1 A. You read that correctly.

2 Q. Now, Dr. Poole, you have no studies to support your  
3 opinion that elephants can get a syndrome like people who have  
4 been battered spouses, abused children, prisoners of war, or  
5 concentration camp survivors, correct?

6 MS. MEYER: Objection, Your Honor. I didn't hear  
7 her offer an opinion on this.

8 THE COURT: Rephrase that question, Counsel.

9 MR. SHEA: Your Honor, I'll withdraw that question  
10 at this time.

11 THE COURT: I'm not trying to curtail your  
12 examination, I'm just asking because it's 5:30. How much more  
13 time do you need?

14 MR. SHEA: I'm about halfway through.

15 THE COURT: That's fine. We'll end. It's been a  
16 long day, we'll end for the day. We'll start promptly at  
17 10:00. We'll make sure you get to the airport. At least  
18 you'll leave the courthouse, you have to get a cab to get you  
19 there, but we'll get you out here. We'll start promptly at  
20 10:00 o'clock. I have to ask you not to discuss your  
21 testimony with anyone.

22 THE WITNESS: Okay.

23 THE COURT: Enjoy your evening. Thank you,  
24 Counsel. We'll start promptly at 10:00 o'clock. I don't have  
25 any other jury matters tomorrow or any other matters. Thank



1 you.

2 MR. SIMPSON: Your Honor, you indicated you were  
3 going to take under advisement the exclusion of the witness  
4 rule.

5 THE COURT: The what?

6 MR. SIMPSON: Whether witnesses were going to be  
7 excluded and whether Dr. Ensley was going to be able to sit  
8 in, and I forgot to bring that up.

9 THE COURT: I indicated that I would allow that one  
10 expert to sit it. And I also extended the invitation to you.  
11 If you have an expert that you'd like to sit in, that's fine  
12 with me.

13 MR. SIMPSON: We would like do have Dr. Dennis  
14 Schmitt.

15 THE COURT: Court is still in session, Counsel.  
16 You'd like to have Dr. --

17 MR. SIMPSON: Dr. Dennis Schmitt, and Dr. Schmitt  
18 has got some travel issues, so we would also like permission  
19 if he can't be here personally to read the trial transcript.

20 THE COURT: That's fine. I don't have any problems  
21 with that, That's fine. All right. Thank you. Have a nice  
22 evening. No need to stand. Thank you.

23 END OF PROCEEDINGS AT 5:30 P.M.

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C E R T I F I C A T E

I, Lisa M. Hand, RPR, certify that the foregoing is a correct transcript from the record of proceedings in the above-titled matter.

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