



CLIPS



DR. MICHELLE FOURNET DECODING WHALE SONG

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1
00:00:05,910 --> 00:00:03,590
so that's a complex question this one's

2
00:00:10,150 --> 00:00:05,920
a little technical

3
00:00:12,230 --> 00:00:10,160
whales don't sleep like we sleep

4
00:00:14,910 --> 00:00:12,240
they have something called um

5
00:00:17,109 --> 00:00:14,920
semi-semi-hemispheric

6
00:00:18,950 --> 00:00:17,119
sleeping in that whales are voluntary

7
00:00:20,310 --> 00:00:18,960
breathers this is true for all cetaceans

8
00:00:21,269 --> 00:00:20,320
so they can't fully go to sleep or they

9
00:00:23,509 --> 00:00:21,279
would forget to breathe and they would

10
00:00:24,790 --> 00:00:23,519
drown or suffocate rather so they have

11
00:00:26,150 --> 00:00:24,800
two sides of their brain and what

12
00:00:27,509 --> 00:00:26,160
they'll do is they'll put one side of

13
00:00:29,750 --> 00:00:27,519

their brain to sleep and the other side

14

00:00:30,870 --> 00:00:29,760

will stay awake to remember to function

15

00:00:31,990 --> 00:00:30,880

you know to take a breath to stay at the

16

00:00:33,510 --> 00:00:32,000

surface of the water and things like

17

00:00:34,709 --> 00:00:33,520

that and then they switch and the other

18

00:00:35,990 --> 00:00:34,719

side of their brain will go to sleep and

19

00:00:36,870 --> 00:00:36,000

the other side of their brain will stay

20

00:00:39,830 --> 00:00:36,880

awake

21

00:00:41,750 --> 00:00:39,840

um and we know this from um from

22

00:00:43,270 --> 00:00:41,760

scientists i wish i could remember their

23

00:00:44,470 --> 00:00:43,280

names right now who have

24

00:00:46,630 --> 00:00:44,480

done this with dolphins and other

25

00:00:49,029 --> 00:00:46,640

citations you know they've put

26

00:00:51,830 --> 00:00:49,039

anodes and whatnot on on patient heads

27

00:00:53,670 --> 00:00:51,840

and looked at brain activity so