

33C INT. RADIO BUILDING CORRIDOR - DAY

Shot to go between interviews 2.

Ben and Fini walk down a corridor.

They walk through different doors and down a corridor.

33C

38

----- THE CAUSES-----

38

*Another scientist sums up the causes for the mass extinction, dividing them into the following categories, each presented with one striking image illustrating a specific case. POSSIBLY ANIMATION.

1.) Hunting/fishing. The main victims here are the mega fauna (big animals) and marine life. We are reminded of the hunters from the opening montage: the Great Irish Elk was eradicated by humans around 25,000 Years ago, same as the Mammoth and other megafauna. Extinction through Hunting was the first factor to really kick off the 6th mass extinction, starting around the 16th century. Hunting and fishing remain two of the most important factors, even today.

2.) Loss of habitat. Due to agriculture and human settlements.

3.) Contamination. Air, earth and water. This is particularly true for agricultural poisons like PCB, POB and DDT, exhaust fumes, sewage, oil spills, etc.

4.) Noise. Only at the turn of the millennium was it really understood that noise pollution (mainly through motorized traffic) kills, especially in the oceans and waterways.

5.) Climate change. Rising temperatures (that lead to e.g. coral bleaching), melting sea ice, shifting climate zones (climate zones might for example "wander up the mountains" when temperatures rise), lack/excess of rain.

6.) Alien species. Travel and fishing on a global scale means that species from one habitat can be accidentally introduced into another, for example in ballast tanks. This can happen on land too. For example, thousands of species were killed as a result of rats or other animals transported on early seafaring vessels.

7.) Plastic. The seas are full of plastic and that affects the whole food chain and kills off species across the board.

8.) Dead zones in the ocean due to a lack of oxygen. Not yet fully understood, but already a huge problem by the 2010s: zones that are basically devoid of oxygen, which means no life can survive there.

9.) Acidification through CO2.

This is the biggest and most daunting factor of them all: the pH level of the oceans is changing and that affects the crustaceans (crabs, krill, shrimp, etc.) which are the foundation of the food chain in the oceans - and that food chain in turn affects all life on land as well. If crustaceans disappear, so do we.

33D INT. RADIO BUILDING LAB - DAY 33D
Shot to go between interviews 3.
 Ben and Fini walk into different rooms.

33E INT. RADIO BUILDING LAB - DAY 33E
Shot to go between interviews 4.

Ben and Fini at a lighting table.

35A EXT. RADIO BUILDING BALCONY - DAY 35A
 Ben and Fini, sitting on the roof (or similar), smoking.

40 ----- BEES ----- 40
 *The case of bees is special: they are like the glue that keeps it all together. No bees, no life as we know it - and probably no human life

*Talk about "colony collapse disorder" syndrome (which peaked in 2007.)

*talk about numbers vs. variety: In some areas since the 2010s, there were probably more bees flying around than ever before. Big agriculture needed their service as pollinators so a certain species of honeybee was being bred in vast numbers. Walking through an almond grove in spring, it wouldn't have felt like the bees were vanishing. Yet at the same time, wild bees, which once included 20,000 different types (!!!), were going extinct faster than one could count.

*And why is that a problem? That is like asking: What is the value of diversity? If you only have one species of bee where there once were hundreds, then one plague, one disease, that befalls that one type of bee means absolute disaster for the entire ecosystem. Depending your survival on a single species is very dangerous. Diversity is a safety net.

42 INT. RADIO BUILDING CORRIDOR/CINEMA - LATER 42
 Ben and Fini in a hallway. Fini is re-watching some of the interviews on his portable screen, while Ben has some books from the library and is taking notes on paper. They are 'organizing' the interviews they have already shot. Fini presses PAUSE and exhales in exhaustion.

FINI
 These numbers are making my head hurt.

FINI+
 (alternate line)
 Dude, you have to keep your eyes straight.

Suddenly there is a strange sound. They turn their heads toward it. It seems to come from a door at the deep end of the corridor. They look at each other...a new mystery!