



## **Good things about bringing dinosaurs back to life:**

Learning about science: Making dinosaurs alive again can teach us important things about science, like how animals change and the things in nature.

Helping nature: If we can make extinct animals come back, especially ones that help the environment a lot, we can also help the places they lived, which got hurt or disappeared.

Saving different animals: Making extinct animals come back can save many kinds of animals and stop them from disappearing forever.

Doing what's right: Some people say it's the right thing to do to bring back animals that people made disappear because of what people did.

## **Bad things about bringing dinosaurs back to life:**

Ethical worries: Some people wonder if it's right to bring back animals that are gone because it might have bad effects we didn't expect, and it's like playing God with nature.

Not enough stuff: Making extinct animals alive again needs a lot of things like money, technology, and knowing how to do it. This might take away the things we need for other ways to protect animals and nature.

People being too greedy: There's a chance that animals we make alive again will be hurt by people who want to make money from them, just like animals that are alive now.

Not being real: If we bring an animal back to life in a lab, it won't be like the real thing. It won't have its home or how it lives with other animals.

In the end, while making dinosaurs alive again sounds interesting, we need to think about the good and bad things it can do. It might help us know more and fix nature, but it could also cause problems and take away resources from other ways to protect animals and nature. People have to decide if the good things are more important than the bad things.

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## **5 Reasons to Bring Back Extinct Animals (And 5 Reasons Not To)**

(<https://www.discovermagazine.com/planet-earth/5-reasons-to-bring-back-extinct-animals-and-5-reasons-not-to>)

The Stanford experts have listed five good things and five not-so-good things about bringing back animals that disappeared:

### **Good things about Bringing Back Extinct Animals:**

Learning stuff: Bringing back animals that died out could help us understand more about how animals change and things in nature we don't know about yet.

Making technology better: Doing this could make the science of changing genes better.

Helping nature: We could fix places where nature got hurt or disappeared by bringing back animals that aren't around anymore.

Doing what's fair: If people made plants and animals die out, maybe we should try to bring them back to make things right.

Feeling amazed: It would be so cool to see animals that don't exist anymore come back to life!

### **Objections to De-Extinction:**

Taking care of animals: People might use animals just for what people want, and this could hurt animals that we make come back.

Being healthy: When we bring animals back, they might have bad viruses or sicknesses.

Nature: Animals that are not around anymore might not fit well in the places they used to live, and they might cause problems in these new homes where the food and houses are different.

Politics: Bringing back animals might make other important science things less important, like helping sick people or saving animals that are almost gone now.

Doing what's right: Is bringing back animals like playing God, or is it just not right? It might also do things we don't expect.

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## **C**

### **List of Advantages of Cloning Extinct Animals**

1. Making an animal that died out come back can give us important science knowledge. Right now, we don't have all the things we need to know what happened to animals that are gone. We have a few, but they don't show us everything about animals that lived a long time ago. When we can make them alive again, we can learn new things we didn't know before.

2. Making an extinct animal come back is a big step in changing genes. Scientists tried to bring back a kind of mountain goat called the Pyrenean ibex. They used frozen body parts, but it didn't work. The last one was found dead in Spain in 2000. But they used skin bits in very cold liquid to make a female ibex with the same genes. It was born, but it died soon after because of lung problems.

3. Making animals that died out come back can help the world around us. Now, the world has many places where nature is hurt or almost gone. Scientists think if we put animals that aren't here anymore back in these places, it can help make these places better again.

### **List of Disadvantages of Cloning Extinct Animals**

1. People might do bad things when extinct animals come back. We have lost many animals because people want to make money from them. Some people don't care if they hurt a few animals or many animals because they can make a lot of money by hurting these precious animals. This is happening today, and who knows if it will happen again when we bring back animals that are gone?

2. The world is very different from the time when these animals lived. The world has changed a lot, and if we bring back animals that are gone, they might not fit well here. For example, the food they used to eat might not be here anymore, so how do we make sure they have enough to eat? In short, the changes in the world might affect the jobs we want them to do in nature.

3. Making animals that died out come back raises many worries. Bringing back animals that have been gone for a long time might make other important science things less important, like helping sick people. Making animals come back also makes us worry about saving animals that are almost gone now.

4. There are also questions about what's right and wrong when we talk about bringing animals back. For example, are we acting like God by bringing these animals back to life? Do we see any problems happening because of it?

[\(https://futureofworking.com/6-advantages-and-disadvantages-of-cloning-extinct-animals/\)](https://futureofworking.com/6-advantages-and-disadvantages-of-cloning-extinct-animals/)

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## **D**

### **List of Pros of Cloning Extinct Animals**

1. Bringing back extinct animals might be good for nature.

Some scientists want to bring back the woolly mammoth to stop the ice from melting in Siberia and slow down climate change. Beth Shapiro, who wrote a book about bringing animals back, thinks it's a good idea too. She says we should choose an animal that can get people interested in science and help the environment. She thinks the mammoth is a great choice because it does both.

When she was asked which extinct animal would be the most fun to bring back, she said the dodo. She thinks if we bring back the dodo, we can put them in safe places in Mauritius so people can see them in their own home.

2. We can learn more about them if they are alive.

If we have an animal that is not here anymore, we can find out why it went away and how it's different from animals that are still alive.

3. It can help save animals that might disappear soon.

The things we do to make an animal that died out come back can also help animals that are almost gone now. It can also make animals with not many different genes have more genes to keep them safe.

4. It helps us feel happier about making many animals disappear.

Sometimes, we do things without thinking about what will happen later. We caused climate change, and we also had a part in making many animals disappear forever. When we can bring back an animal that we made go away, it makes us really happy. It's amazing and makes us feel wonderful to see them alive again on Earth.

### **List of Cons of Cloning Extinct Animals**

1. It's like pretending to be as powerful as God.

In the movie Jurassic Park, Ian Malcolm argued with John Hammond. He said that dinosaurs "...aren't animals that disappeared because of cutting down trees or building a dam. Dinosaurs had their chance, and nature decided they should disappear."

2. We will bring back an animal to a place that's very different from where they used to live.

In the article, Pimm said this: "A brought-back Pyrenean ibex will need a safe place to live, not just the plants it eats. People who try to put animals that were raised in zoos back into the wild ask one important question: Where can we put them? People ate all the wild goats like the ibex. If we put a brought-back ibex where it used to live, it might become the most expensive goat ever eaten."

3. It makes it harder to save animals that are almost gone now.

<https://greengarageblog.org/7-main-pros-and-cons-of-cloning-extinct-animals>)

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