

Original MATE

1. Organisms existing today are the result of evolutionary processes that have occurred over millions of years.

Strongly Agree Agree Undecided Disagree Strongly Disagree

2. The theory of evolution is incapable of being scientifically tested.

Strongly Agree Agree Undecided Disagree Strongly Disagree

3. Modern humans are the product of evolutionary processes that have occurred over millions of years.

Strongly Agree Agree Undecided Disagree Strongly Disagree

4. The theory of evolution is based on speculation and not valid scientific observation and testing.

Strongly Agree Agree Undecided Disagree Strongly Disagree

5. Most scientists accept evolutionary theory to be a scientifically valid theory.

Strongly Agree Agree Undecided Disagree Strongly Disagree

6. The available data are ambiguous (unclear) as to whether evolution actually occurs.

Strongly Agree Agree Undecided Disagree Strongly Disagree

7. The age of the earth is less than 20,000 years.

Strongly Agree Agree Undecided Disagree Strongly Disagree

8. There is a significant body of data that supports evolutionary theory.

Strongly Agree Agree Undecided Disagree Strongly Disagree

9. Organisms exist today in essentially the same form in which they always have.

Strongly Agree Agree Undecided Disagree Strongly Disagree

10. Evolution is not a scientifically valid theory.

Strongly Agree Agree Undecided Disagree Strongly Disagree

11. The age of the earth is at least 4 billion years.

Strongly Agree Agree Undecided Disagree Strongly Disagree

12. Current evolutionary theory is the result of sound scientific research and methodology.

Strongly Agree Agree Undecided Disagree Strongly Disagree

13. Evolutionary theory generates testable predictions with respect to the characteristics of life.

Strongly Agree Agree Undecided Disagree Strongly Disagree

14. The theory of evolution cannot be correct since it disagrees with the Biblical account of creation.

Strongly Agree Agree Undecided Disagree Strongly Disagree

15. Humans exist today in essentially the same form in which they always have.

Strongly Agree Agree Undecided Disagree Strongly Disagree

16. Evolutionary theory is supported by factual historical and laboratory data.

Strongly Agree Agree Undecided Disagree Strongly Disagree

17. Much of the scientific community doubts if evolution occurs.

Strongly Agree Agree Undecided Disagree Strongly Disagree

18. The theory of evolution brings meaning to the diverse characteristics and behaviors observed in living forms.

Strongly Agree Agree Undecided Disagree Strongly Disagree

19. With few exceptions, organisms on earth came into existence at about the same time.

Strongly Agree Agree Undecided Disagree Strongly Disagree

20. Evolution is a scientifically valid theory.

Strongly Agree Agree Undecided Disagree Strongly Disagree

MATE 2.0

A species is a group of similar organisms. For example, dogs, cats, and humans are all different species. Given this definition of a species, please indicate whether you agree or disagree with the following statements, based on your personal opinion:

1. All species that exist today have evolved from previous species.

Strongly Agree Somewhat Agree Neutral Somewhat Disagree Strongly Disagree

2. Modern humans have evolved from earlier non-human species.

Strongly Agree Somewhat Agree Neutral Somewhat Disagree Strongly Disagree

3. The idea that new species evolve from earlier species is NOT supported by scientific evidence.

Strongly Agree Somewhat Agree Neutral Somewhat Disagree Strongly Disagree

4. Current scientific evidence suggests that new species can evolve from earlier species.

Strongly Agree Somewhat Agree Neutral Somewhat Disagree Strongly Disagree

5. The idea that new species evolve from earlier species is NOT a scientifically valid theory.

Strongly Agree Somewhat Agree Neutral Somewhat Disagree Strongly Disagree

6. The idea that new species evolve from earlier species is the result of scientific research.

Strongly Agree Somewhat Agree Neutral Somewhat Disagree Strongly Disagree

7. The idea that species can evolve into new species explains the diversity of life on Earth.

Strongly Agree Somewhat Agree Neutral Somewhat Disagree Strongly Disagree

8. The idea that new species evolve from earlier species is a scientifically valid theory.

Strongly Agree Somewhat Agree Neutral Somewhat Disagree Strongly Disagree

9. All of life on earth evolved from previous species.

Strongly Agree Somewhat Agree Neutral Somewhat Disagree Strongly Disagree

Original GAENE

1. Everyone should understand evolution.

Strongly Agree Agree No Opinion Disagree Strongly Disagree

2. It is important to let people know about how strong the evidence that supports evolution is.

Strongly Agree Agree No Opinion Disagree Strongly Disagree

3. Some parts of evolution theory could be true.

Strongly Agree Agree No Opinion Disagree Strongly Disagree

4. Evolutionary theory applies to all plants and animals, including humans.

Strongly Agree Agree No Opinion Disagree Strongly Disagree

5. People who plan to become biologists need to understand evolution.

Strongly Agree Agree No Opinion Disagree Strongly Disagree

6. I would be willing to argue in favor of evolutionary theory in a public forum such as a school club, church group, or meeting of public school parents.

Strongly Agree Agree No Opinion Disagree Strongly Disagree

7. Simple organisms such as bacteria change over time.

Strongly Agree Agree No Opinion Disagree Strongly Disagree

8. Nothing in biology makes sense without evolution.

Strongly Agree Agree No Opinion Disagree Strongly Disagree

9. Understanding evolution helps me understand the other parts of biology.

Strongly Agree Agree No Opinion Disagree Strongly Disagree

10. I would be willing to argue in favor of evolution in a small group of friends.

Strongly Agree Agree No Opinion Disagree Strongly Disagree

11. Evolution is a good explanation of how humans first emerged on the earth.

Strongly Agree Agree No Opinion Disagree Strongly Disagree

12. Evolution is a scientific fact.

Strongly Agree Agree No Opinion Disagree Strongly Disagree

13. Evolution is a good explanation of how new species arise.

Strongly Agree Agree No Opinion Disagree Strongly Disagree

GAENE 3.0

For the following items, please indicate your agreement/disagreement with the given statements:

1. Most living things have some very basic similarities.

Strongly Agree Agree No Opinion Disagree Strongly Disagree

2. Everyone should understand evolution.

Strongly Agree Agree No Opinion Disagree Strongly Disagree

3. It is important to let people know about how strong the evidence that supports evolution is.

Strongly Agree Agree No Opinion Disagree Strongly Disagree

4. Evolutionary theory applies to all plants and animals, including humans.

Strongly Agree Agree No Opinion Disagree Strongly Disagree

5. People who plan to become biologists need to understand evolution.

Strongly Agree Agree No Opinion Disagree Strongly Disagree

6. I would be willing to argue in favor of evolutionary theory in a public forum such as a school club, church group, or meeting of public school parents.

Strongly Agree Agree No Opinion Disagree Strongly Disagree

7. Simple organisms such as bacteria change over time.

Strongly Agree Agree No Opinion Disagree Strongly Disagree

8. Nothing in biology makes sense without evolution.

Strongly Agree Agree No Opinion Disagree Strongly Disagree

9. Understanding evolution helps me understand the other parts of biology.

Strongly Agree Agree No Opinion Disagree Strongly Disagree

10. I would be willing to argue in favor of evolution in a small group of friends.

Strongly Agree Agree No Opinion Disagree Strongly Disagree

11. Evolution is a good explanation of how humans first emerged on the earth.

Strongly Agree Agree No Opinion Disagree Strongly Disagree

12. Evolution is a scientific fact.

Strongly Agree Agree No Opinion Disagree Strongly Disagree

13. Evolution is a good explanation of how new species arise.

Strongly Agree Agree No Opinion Disagree Strongly Disagree

14. All evidence supports the claim that evolution is true.

Strongly Agree Agree No Opinion Disagree Strongly Disagree

15. All species can be traced back to a single ancestor.

Strongly Agree Agree No Opinion Disagree Strongly Disagree

16. Evolution is a fact.

Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree
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17. Evolution is the most important theory devised by man.

Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree
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18. I would bet my life on the claim that evolution is true.

Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree
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19. Understanding evolution has changed my life.

Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree
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20. Evolution explains how bacteria that are resistant to an antibiotic can arise in a population exposed to that antibiotic.

Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree
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21. Evolution explains how careful breeding can produce members of a species that look different from their ancestors.

Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree
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22. Small changes can occur in a species over time.

Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree
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I-SEA

1. I think that new species evolved from ancestral species.

Strongly Agree Agree Undecided Disagree Strongly Disagree

2. I think that the fossil evidence that scientists use to support evolutionary theory is weak and inconclusive.

Strongly Agree Agree Undecided Disagree Strongly Disagree

3. There are a large number of fossils found all around the world that support the idea that organisms evolve into new species over time.

Strongly Agree Agree Undecided Disagree Strongly Disagree

4. I think all complex organisms evolved from single celled organisms.

Strongly Agree Agree Undecided Disagree Strongly Disagree

5. I think that new species evolve from a lot of small changes occurring over relatively long periods of time.

Strongly Agree Agree Undecided Disagree Strongly Disagree

6. There is little or no observable evidence to support the theory that describes how one species of organism evolves from a different ancestral form.

Strongly Agree Agree Undecided Disagree Strongly Disagree

7. The forms and diversity of organisms have changed dramatically over time.

Strongly Agree Agree Undecided Disagree Strongly Disagree

8. I think that all organisms are related (or share a common ancestor).

Strongly Agree Agree Undecided Disagree Strongly Disagree

9. I think that organisms, as they exist now, are perfectly adapted to their natural environments and so will not continue to change.

Strongly Agree Agree Undecided Disagree Strongly Disagree

10. All groups of organisms will continue to change.

Strongly Agree Agree Undecided Disagree Strongly Disagree

11. There are a large number of examples of organisms that have undergone evolutionary changes within the species (i.e., antibiotic resistance in bacteria, production of new strains of the flu virus).

Strongly Agree Agree Undecided Disagree Strongly Disagree

12. Species were created to be perfectly suited to their environment, so they do not change.

Strongly Agree Agree Undecided Disagree Strongly Disagree

13. I don't accept the idea that a species of organism will evolve new traits over time.

Strongly Agree Agree Undecided Disagree Strongly Disagree

14. I think there is an abundance of observable evidence to support the theory describing how variations within a species can happen.

Strongly Agree Agree Undecided Disagree Strongly Disagree

15. Species exist today in exactly the same shape and form in which they always have.

Strongly Agree Agree Undecided Disagree Strongly Disagree

16. There is overwhelming evidence supporting the theory of evolution to explain how variations in a species develop over time.

Strongly Agree Agree Undecided Disagree Strongly Disagree

17. There is reliable evidence to support the theory that describes how humans were derived from ancestral primates.

Strongly Agree Agree Undecided Disagree Strongly Disagree

18. Although humans may adapt, humans have not/do not evolve.

Strongly Agree Agree Undecided Disagree Strongly Disagree

19. I think that the physical structures of humans are too complex to have evolved.

Strongly Agree Agree Undecided Disagree Strongly Disagree

20. I think that humans and apes share an ancient ancestor.

Strongly Agree Agree Undecided Disagree Strongly Disagree

21. I think that humans evolve.

Strongly Agree Agree Undecided Disagree Strongly Disagree

22. Humans do not evolve; they can only change their behavior.

Strongly Agree Agree Undecided Disagree Strongly Disagree

23. The many characteristics that humans share with other primates (i.e., chimpanzees, gorillas) can best be explained by our sharing a common ancestor.

Strongly Agree Agree Undecided Disagree Strongly Disagree

24. Physical variations in humans (i.e., eye color, skin color) were derived from the same processes that produced variation in other groups of organisms.

Strongly Agree Agree Undecided Disagree Strongly Disagree

ATEVO – EEQ

Please indicate to what extent you agree with the following statements about evolution.

In my personal opinion...

1. ...the entire world of living organisms has developed over billions of years.

Agree Somewhat Agree Undecided Somewhat Disagree Disagree

2. ...our consciousness is a product of natural evolutionary processes.

Agree Somewhat Agree Undecided Somewhat Disagree Disagree

3. ...the adaptations of living organisms to their environments can be explained by the theory of evolution.

Agree Somewhat Agree Undecided Somewhat Disagree Disagree

4. ...our intellectual capacity has NOT developed via natural evolutionary processes.

Agree Somewhat Agree Undecided Somewhat Disagree Disagree

5. ...the animals and plants we know today have developed from earlier species.

Agree Somewhat Agree Undecided Somewhat Disagree Disagree

6. ...our sense of morality is partly the result of natural evolution.

Agree Somewhat Agree Undecided Somewhat Disagree Disagree

7. ...the modern living organisms are the result of evolutionary processes which occurred over billions of years.

Agree Somewhat Agree Undecided Somewhat Disagree Disagree

8. ...something as complex as our consciousness CANNOT result from evolution.

Agree Somewhat Agree Undecided Somewhat Disagree Disagree

Pew Poll

Which statement comes closer to your own views, even if neither is exactly right?

1. Humans have existed in their present form since the beginning of time.
2. Humans have evolved over time due to processes such as natural selection; God or a higher power had no role in this process.
3. Humans have evolved over time due to processes that were guided or allowed by God or a higher power.

Gallup Poll

Which of the following statements comes closest to your views on the origin and development of human beings?

1. Human beings have developed over millions of years from less advanced forms of life, but God had no part in this process.
2. Human beings have developed over millions of years from less advanced life forms, but God guided this process.
3. God created human beings pretty much in their present form at one time within the last 10,000 years or so.

Miller et al. (2006) Poll

Human beings, as we know them, developed from earlier species of animals.

- A. True
- B. False
- C. Not sure