

**AP PSYCHOLOGY**

# **Interaction of Heredity & Environment**

**Unit 1: Biological Bases of Behavior**

## **HEREDITY**

## **ENVIRONMENTAL FACTORS**

**Nature**

Genetics

Predisposed characteristics

**Nurture**

Experience

Family interactions

Education

Nurture works on what nature endows.

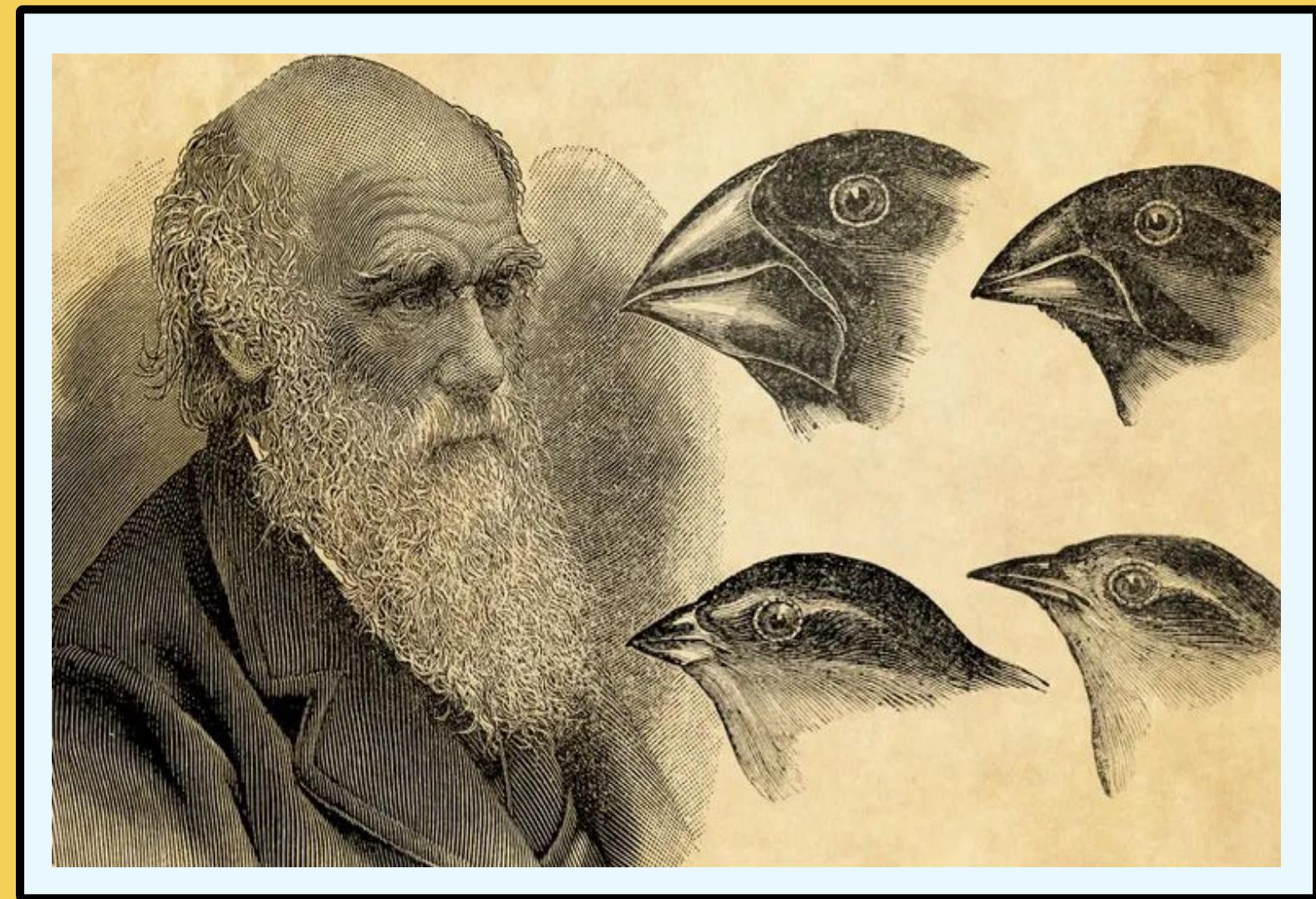
# Evolutionary Psychology

How the natural selection of traits has promoted  
the survival of genes.



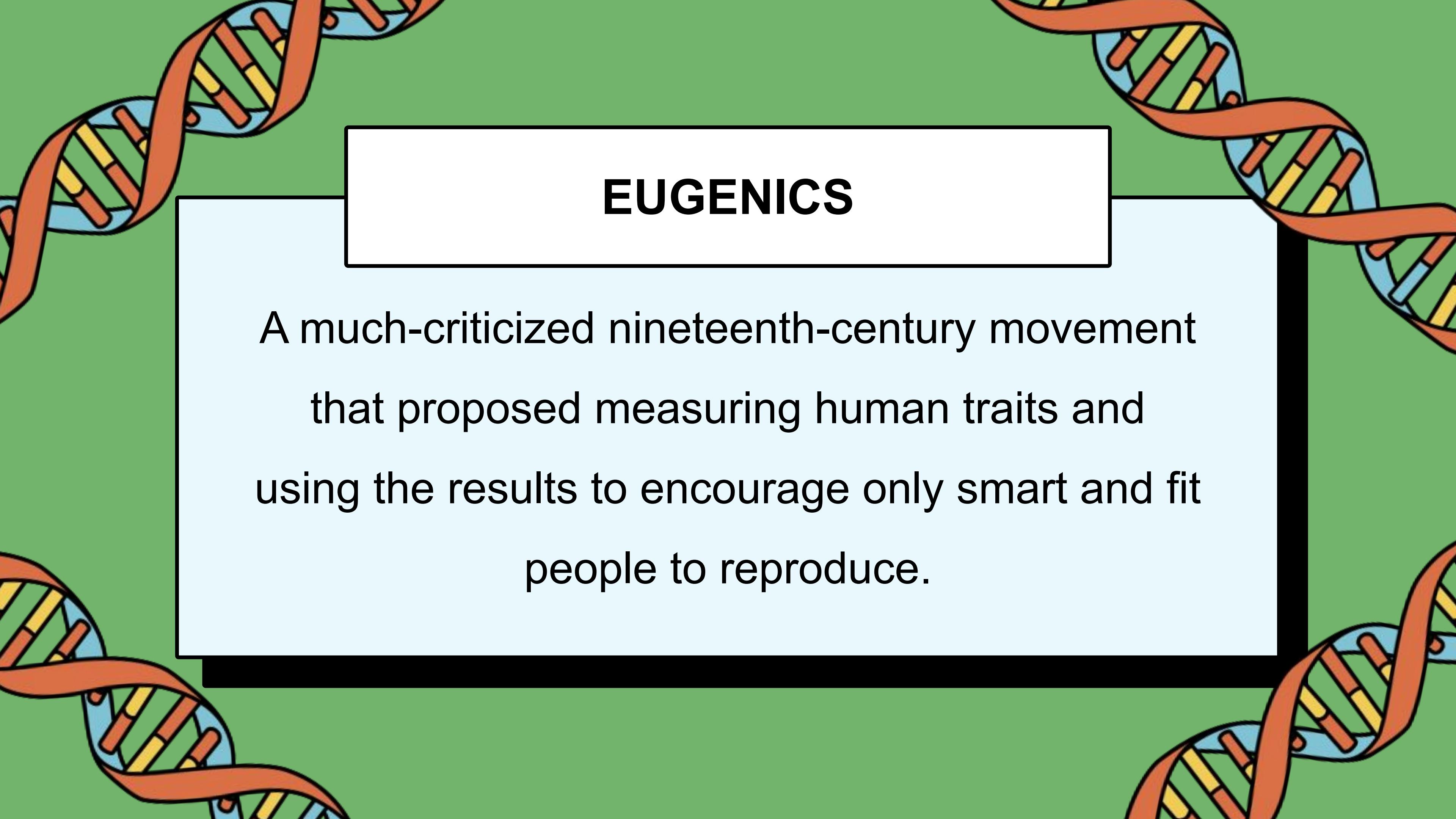
# NATURAL SELECTION

The principle that, among the range of inherited trait variations, those contributing to reproduction and survival will most likely be passed on to succeeding generations.



“It is not the strongest of the species that survives, not the most intelligent that survives. It is the one that is the most adaptable to change.”

—Charles Darwin



## EUGENICS

A much-criticized nineteenth-century movement  
that proposed measuring human traits and  
using the results to encourage only smart and fit  
people to reproduce.

# Research

Twin studies

Family studies

Adoption studies



# Critique

Backwards explanation

Accountability for behavior

Societal & cultural influences