Name_		Class	Date
Direc	cted Reading B conti	inued	
СОМР	PARING ORGANISMS	S	
<mark>c.</mark>	organisms share a. physical educ b. geology and g	anatomy and molecular bi	olecules
share many traits_	31. When scientists organismsa. share all theirb. share many to c. share no traitd. have no traits	r traits. raits. ts.	anisms, they find that related
the structure and order of bones	flipper or a bat's a. the ability to b. the structure c. the order of t	fly of the skin	arm similar to a dolphin's
c. they share a common ancestor	indicate? a. that they all b. that their and c. that they sha	similarity between humans evolved recently cestors lived in the same p re a common ancestor becoming more alike over	lace
b. genetic information stored in it's DNA	a. its descendarb. genetic informc. where it wasd. what it looks	mation stored in its DNA born like	
35. WI	nat does comparing I	DNA from two species tell	scientists?
<mark>th.</mark>	omparing DNA from two spat they had a common and enes and DNA.		

Name	_ Class	Date	

Skills Worksheet

Directed Reading B

Section: How Does Evolution Happen? (pp. 306–311)

1. List three things that scientists learned about Earth beginning in the 1800s.

In the 1800s, geologists began to realize that Earth was much older than anyone had previously thought. Evidence showed that gradual processes had changes Earth's surface over millions of years. Some scientists saws evidence of evolution in the fossil record.

CHARLES DARWIN

He took a trip around the world.

- 2. What did Darwin do in order to study plants and animals?
 - **a.** He took a trip around the world.
 - **b.** He studied theology.
 - **c.** He formed theories.
 - **d.** He became a doctor.

He observed plants and animals

- **3.** What did Darwin do during his travels?
 - **a.** He wrote a book about his theory.
 - **b.** He observed plants and animals.
 - **c.** He took photos of plants and animals.
 - **d.** He visited all the continents.

5. What was one way that finches on different islands differed from each other?

The beaks of the finches were different from different island species

6. What was the beak of each finch adapted to?

Each beak was adapted to its niche (particular job to do)

DARWIN'S THINKING



- 7. What puzzled Darwin about the Galápagos finches?
 - **a.** They were so different.
 - **b.** They should not have been there.
 - **c.** They were too similar.
 - **d.** They were similar but had unique adaptations.

<mark>trait</mark>

- **8.** A characteristic that can be passed from parent to offspring through genes is a(n)
 - a. species.

c. trait.

b. breeding.

d. adaptation.