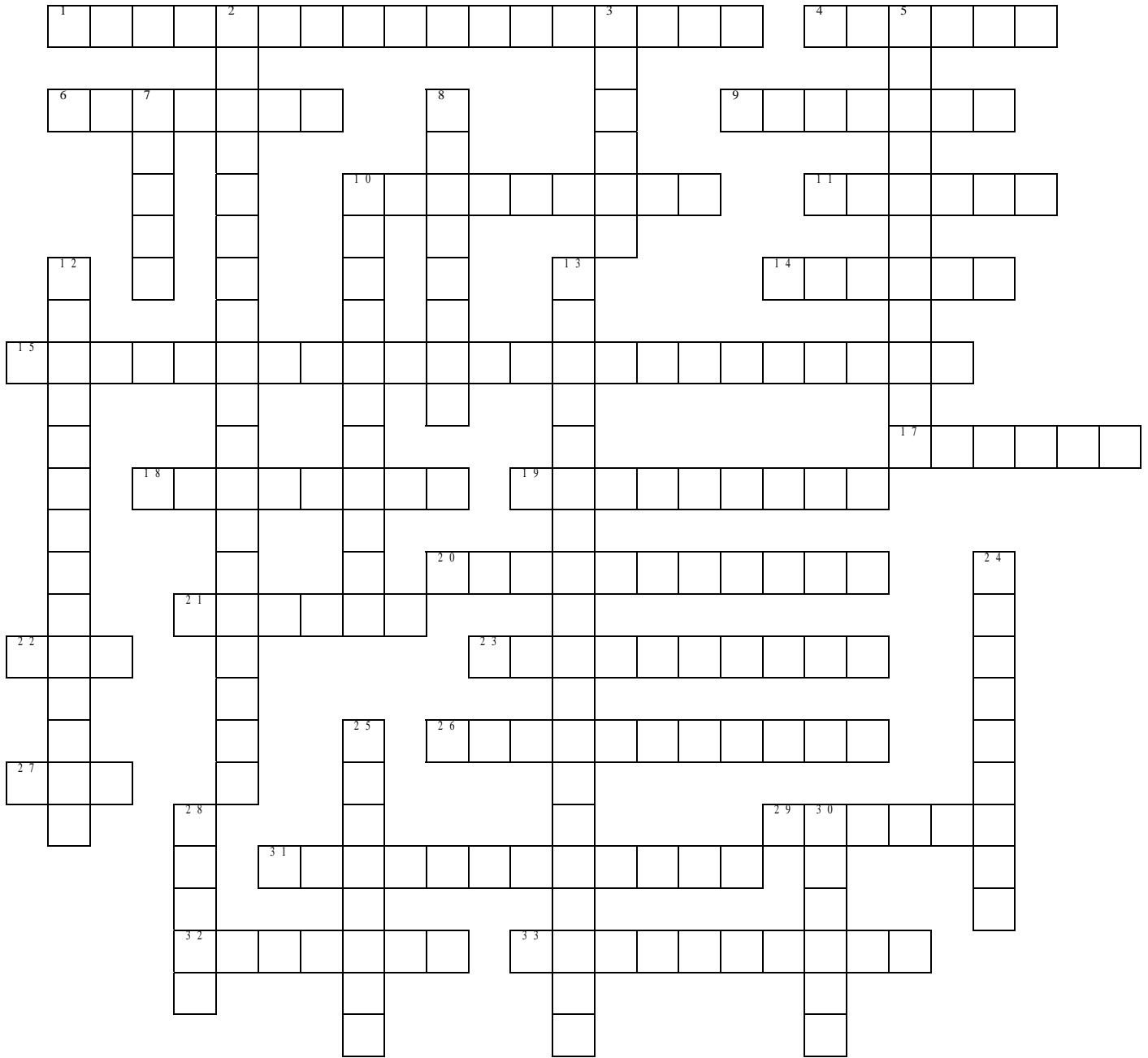


Student Handout: Hummingbirds and Flowers: A Study of Co-Adaptive Relationships



Across	
1	When adult males and females have different coloration so you can tell them apart
4	The males reproductive structure of a flower; it has 2 parts
6	The hummingbird gets its protein and fat by eating _____.
9	When young birds have developed flight feathers and can leave the nest
10	Nectar producing structures located at the base of the trumpet creeper
11	Modified stems with leaves and other structures that are specialized for reproduction
14	A state of inactivity used to conserve energy
15	What is the only hummingbird that nests in the eastern United States?
17	The flat surface of the flower that receives pollen during pollination
18	Pointing down
19	When a seed begins to grow
20	An animal that eats insects
21	The exposed bill
22	When large groups of males congregate to attract potential mates
23	The storing and releasing of energy in the body
26	When pollen is transferred from the anther to the stigma of a flower
27	Hummingbirds are attracted to this color flower:
29	The pollen bearing structure of a flower
31	The mutual influence of two different species interacting with each other and influencing each other's adaptations over time
32	Hummingbirds cover their nests with _____ for camouflage
33	Forked

Down	
2	The scientific name of the Ruby-throated hummingbird
3	The female reproductive structure of a flower; it has 3 parts
5	The flowering plants
7	_____ production in flowers is used mainly to attract insects, not birds
8	Pointing up
10	An animal that eats nectar
12	The most important food plant for the RTH in South Carolina is:
13	When the egg of a flower and another set of cells are fertilized at the same time
16	In a flower, the place of fertilization and seed development that forms the fruit
24	Hummingbirds are unique among birds in their unusual ability to fly _____.
25	The long, stalk-like structure of a flower that supports the anther
28	The tube connecting the stigma to the ovary
30	A sugary liquid made by the plant that is used as food by many animals.