

## ISLAND BIOGEOGRAPHY GAME

Number of Players: 4

Equipment Needed: 2 dice

4 island cards (near, large island; near, small island; distant, large island;  
distant, small island)

10 species, each with 4 individuals

### **RULES OF PLAY:**

All species are placed in the center of the group in a "mainland" pile.

Players choose an island card. Players roll dice to determine which one begins play; highest roll goes first, and play proceeds to the left.

- 1) Roll one die to determine if a species successfully immigrates to your island.

### IMMIGRATION OUTCOMES

Near Islands: a role of 3,4,5,6 can bring a species to the island

Distant Islands: a role of 5 or 6 can bring a species to the island

- 2) If an immigration event occurs, roll both dice and use the total sum rolled to determine which species immigrates and move one of that species from the mainland to your island:

### SPECIES OUTCOMES

2 = Milk Dude.

7 = Gummi Bears

3 = Reeses Pieces

8 = Bonanza Gum

4 = Dubble Bubble

9 = Peanut Butter Bars

5 = Butterfingers

10 = Lollipop

6 = Foil Chocolate

1 1 = FREE (take a species of your choice)

12 = Candy Corn

NOTE. If you roll the number of a species which is already resident on your island, do not move another individual to the island.

- 3) If there are resident species on your island, roll one die to determine whether an extinction occurs on the island. If an extinction event occurs, simply return one species of your choice to the mainland.

### EXTINCTION OUTCOMES FOR LARGE ISLANDS

With 5 or fewer resident species: a role of 6 indicates an extinction occurred  
With 7 or 8 resident species: a role of 5 or 6 indicates an extinction occurred  
With 9 or 10 resident species: a role of 4, 5, or 6 indicates an extinction occurred

#### EXTINCTION OUTCOMES FOR SMALL ISLANDS

With 1 or 2 resident species: a role of 6 indicates an extinction occurred  
With 3 or 4 resident species: a role of 5 or 6 indicates an extinction occurred  
With 5 or 6 resident species: a role of 4, 5, or 6 indicates an extinction occurred  
With 7 or more resident species: a role of 3, 4, 5, or 6 indicates an extinction occurred

4) Play proceeds to the next island.

At the end of 30 minutes, complete the current round of turns. All players should tally the final number of resident species on their islands.

**PREDICTED GAME OUTCOME:** Large islands near the mainland should have the greatest number of resident species; small islands distant from the mainland should have the fewest number of species.