

Name: _____ Date: _____ Period: _____

“THE BEAKS OF FINCHES” LAB



INTRODUCTION

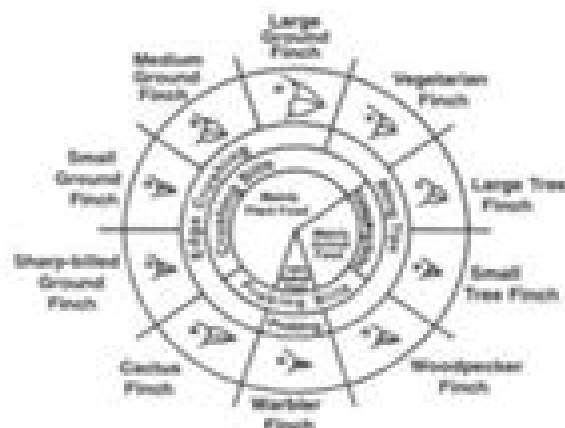
Environmental conditions act as selecting agents because they select organisms with the most beneficial traits to become the parents of the next generation. Within a species, individuals with variations that make them better adapted to their environment will survive and reproduce in greater numbers than those without such adaptations. Observations have shown that the offspring of better-adapted individuals inherit many of their parents' favorable variations.

Finches are small birds found in many locations throughout the world. Charles Darwin used the numerous finch species found on the Galapagos Islands as evidence of natural selection. The great variety of beak adaptations present on the Galapagos is thought to be due to the isolation of bird populations on the islands with different kinds and amounts of food. Seed-eating finches exhibit a great number of differences in beak shapes and sizes. During ongoing competition for resources, some finches are successful and become more numerous, while less successful finches decrease in number.

In this laboratory activity, you will work with different tools that will serve to model finch “beaks”. The seeds provided represent finch food on a particular island. You will compete with other “finch” species to see which “beak” is best adapted for obtaining a specific food.

HYPOTHESIS:

1. Examine the different tools (“beaks”) and seeds provided. Predict which “beak” will be the *most* successful at picking up small seeds. Give the reasons for your choice.



— from *Galapagos: A Natural History Guide*

Figure 1. Variations in Beaks of Galapagos Islands Finches

2. Predict which “beak” will be the *most* successful at picking up small seeds. Give the reasons for your

The Beaks Of Finches Student Laboratory Packet Answers

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· 2. Review storage ... UNDERSTANDING VULNERABILITY ASSESSMENT Table 6 provides examples of PRNs for different raw materials. Table 6 Priority ... Mass balance exercises at critical points in the supply chain - the mass ... ISSUE 8 FOOD SAFETY - Frequently Asked Questions - a worked example from the raw material supplier, which ... to conduct a mass balance test every 6 months for each claim or a single mass balance test every. Based on H.J. Rose's Handbook of Greek Mythology ... Amazon.com: The Routledge Handbook of Greek Mythology: Based on H.J. Rose's Handbook of Greek Mythology: 9780415478908: Hard, Robin: Books. The Routledge Handbook of Greek Mythology - 8th Edition Now in its eighth edition, this magisterial work offers a comprehensive survey of the stories of Greek myth, from the Olympian gods, through the lesser gods ... The Routledge Handbook of Greek Mythology Now in its eighth edition, this magisterial work offers a comprehensive survey of the stories of Greek myth, from the Olympian gods, through the lesser gods ... The Routledge Handbook of Greek Mythology The Routledge Handbook of Greek Mythology: Based on H.J. Rose's "Handbook of Greek Mythology" ... This new edition is a completely rewritten and revised version ... The Routledge Handbook of Greek Mythology | Based on H.J. ... by R Hard · 2003 · Cited by 433 — This new edition is a completely rewritten and revised version of Rose's original, seminal, text. Adding a huge amount of new material, ... The Routledge Handbook of Greek Mythology Dec 4, 2023 — The Routledge Handbook of Greek Mythology: Based on H.J. Rose's Handbook of Greek Mythology. By Robin Hard. New Price: \$64.98. Used Price ... The Routledge handbook of Greek mythology - Falvey Library The Routledge handbook of Greek mythology : partially based on H.J. Rose's A Handbook of Greek mythology /. Now in its eighth edition, this magisterial work ... based on H.J. Rose's Handbook of Greek mythology The Routledge handbook of Greek mythology : based on H.J. Rose's Handbook of Greek mythology -book. The Routledge Handbook of Greek Mythology Now in its eighth edition, this magisterial work offers a comprehensive survey of the stories of Greek myth, from the Olympian gods, through the lesser gods and ... based on H.J. Rose's "Handbook of Greek mythology" The narrative framework of the book remains that of Rose, with helpful signposting so that the book can be used as a reference work. The text also includes full ...