

Stainless Steel Puzzle Feeder

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Please provide a photo of your favorite foraging device, manipulanda, puzzle feeder, etc., along with a brief narrative.

List the species that it is intended for, describe how the device is used, and include a short statement on the durability, cost, pros and cons.

How much time is invested in preparation, and how does that compare with the time invested by the animals? If you have performed any behavioral evaluations and a cost analysis, include that as well.

Please send your ideas to: Genevieve Andrews-Kelly at genandr@aol.com

Thank you!

Introduction

This NHP puzzle feeder was designed and manufactured with the assistance of a local metal fabricating company. The need for a custom feeder arose following the use of several types of commercially available NHP puzzle feeders, all of which had shortcomings including: lack of complexity, difficulty in filling, difficulty attaching and securing, and difficulty in proper sanitization. We wanted a feeder that could be easily and securely attached to the front of our cages and that would be sanitizable and able to be run through our cage washer with the entire cage.

Description

This puzzle feeder is used with *Cynomolgus* Macaques, but could be used with similar primates whose food biscuits are the same size. Made from 100% stainless steel, it is attached to the front of our standard primate housing units by hooking the top of the feeder to a horizontal bar and securing with a J-hook, and a nut at the bottom of the feeder to another bar. It was designed so that water could drain from the bottom to help facilitate daily sanitization. The opening on the outside near the top of the feeder allows for easy placement of the animals' daily biscuits; the opening on the inside of the feeder makes it necessary for the animal to manipulate his/her biscuits all the way to the bottom in order to retrieve them. These feeders



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