Feeding our Fishes: When and How?
ARTEMIA
Brine Shrimp

Preserving Life and Beauty through Nutrition
Goodeidae are surprisingly diverse in feeding habits:
- Carnivorous
- Herbivorous
- Omnivorous
- Or something in between.

It is thought that *Characodon* spp. may have trophic ontogeny. *A. robustus* may have some herbivorous tendencies (Miguel Andrade, pers. comm.)
Frozen Food VS Live Food
Infusoria
(Insert name here) Worms

a. Banana
b. Walter
c. Micro
d. Vinegar
e. Grindal
Grindal (*Enchytraeus buchholzi*)
Enchytraeus albidus (and similar spp.)
Cladocera (*Moina* spp. e *Daphnia* spp.)
Daphnia breeding

AIR

Ephippia
Daphnia food

Ingredients
- Paprika
- Beer yeast
- Soy flour
- Spirulina

1. Mix in similar proportions.
2. Keep in a cool and fresh place.
3. Enjoy!
Blackworms (*Lumbriculus variegatus*)
Culture Medium for Blackworms

- Volcanic rock
- AIR
Hyalella azteca
Bloodworms (Chironomidae)
Basic Setup Culture for Bloodworms

Keep in an ample water tray

Feed with aquarium litter or spirulina flakes.

Keep at room temperature
Drosophila spp.
Drosophila Vienna Medium

Ingredients
- 20g Yeast Extract
- 70g Corn Flour
- 10g Agar
- 75g Sugar
- 45g Malt Extract
- 1,1l Water
- 25ml Nipagin

1. Join all ingredients and bring to boil
2. When you obtain a homogeneous consistency, take to a pressure cooker for 1h.
3. Before solidifying place in a container and let cool.
4. The excess is kept in the fridge.
5. Enjoy!
Drosophila FLY culture

Drosophila LARVAE culture

T = 29°C
Peanut Mealworm 
(*Ulumoides dermestoides*)

DO NOT PLACE A LID!!!
Citrus Mealybug (*Planococcus citri*)

Somewhat susceptible to molds, keep it airy!

Very sugar-rich!

Very productive.

Easy to keep.
Planococcus citri Breeding

Keep at 28°C
Chickpea seed beetle (*Callosobruchus maculatus*)

Favorite of mine!

Really large productivity.

Beetles are quite soft.

Easy handling.
C. maculatus Breeding

Incubate at $T = 28 \, ^\circ\text{C}$
There is some justice in the world.
The world is just.
There is no justice in the world.