3D Snake Locomotion and Eating with Neural Networks
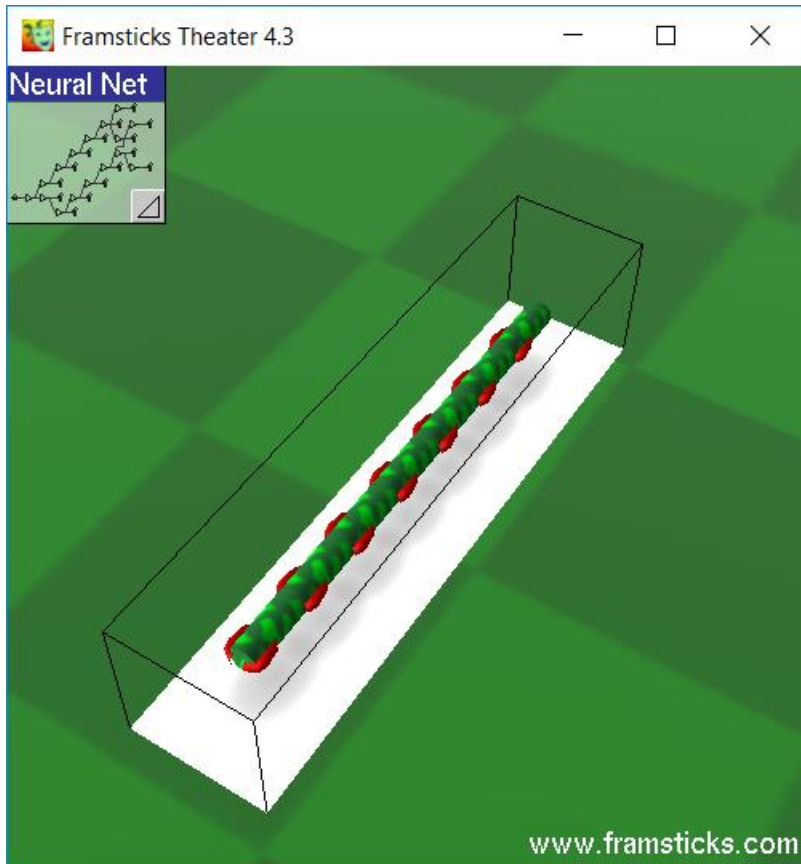
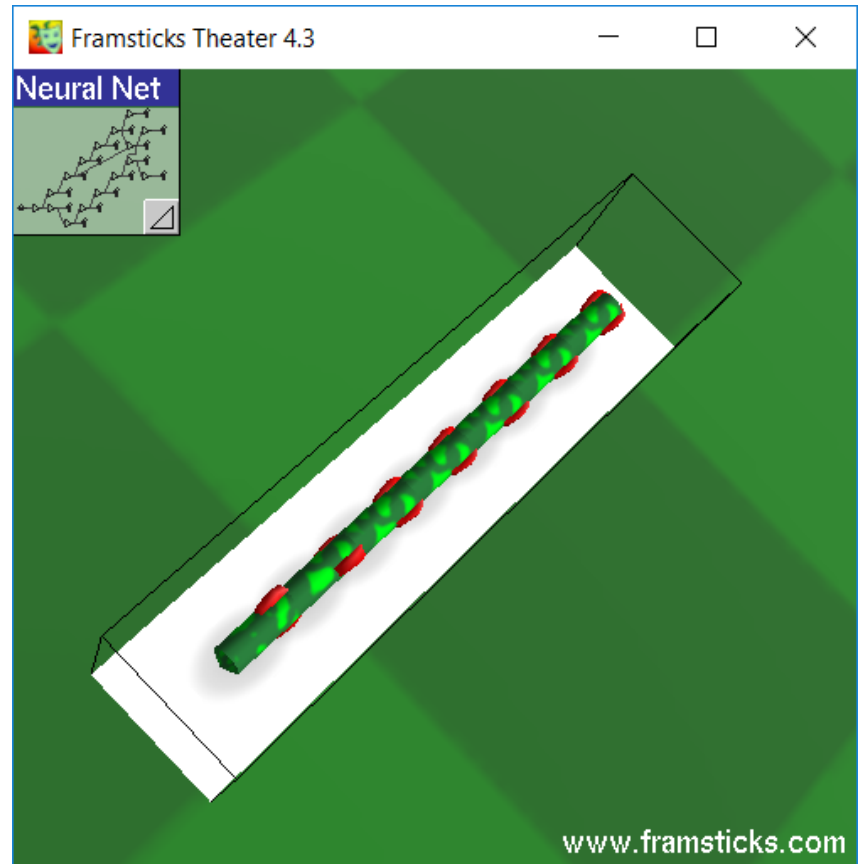Khyati Pawde
Mansi Shah
Sakshi Goplani

Overview

- **Environment:** Framsticks

- **Types:** Land Snake & Water Snake

- Locomotion
- Finding of food particles
- Ingestion of food and transference of energy to increase lifespan

Structure

Original: Evolved:

Original Genotype
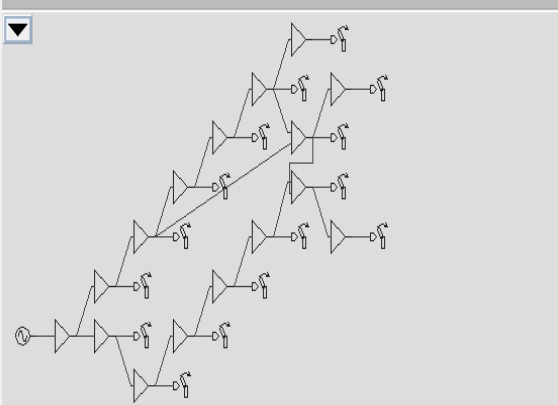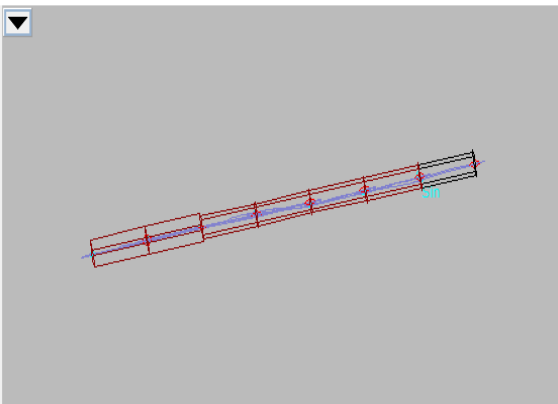
Evolved Genotype
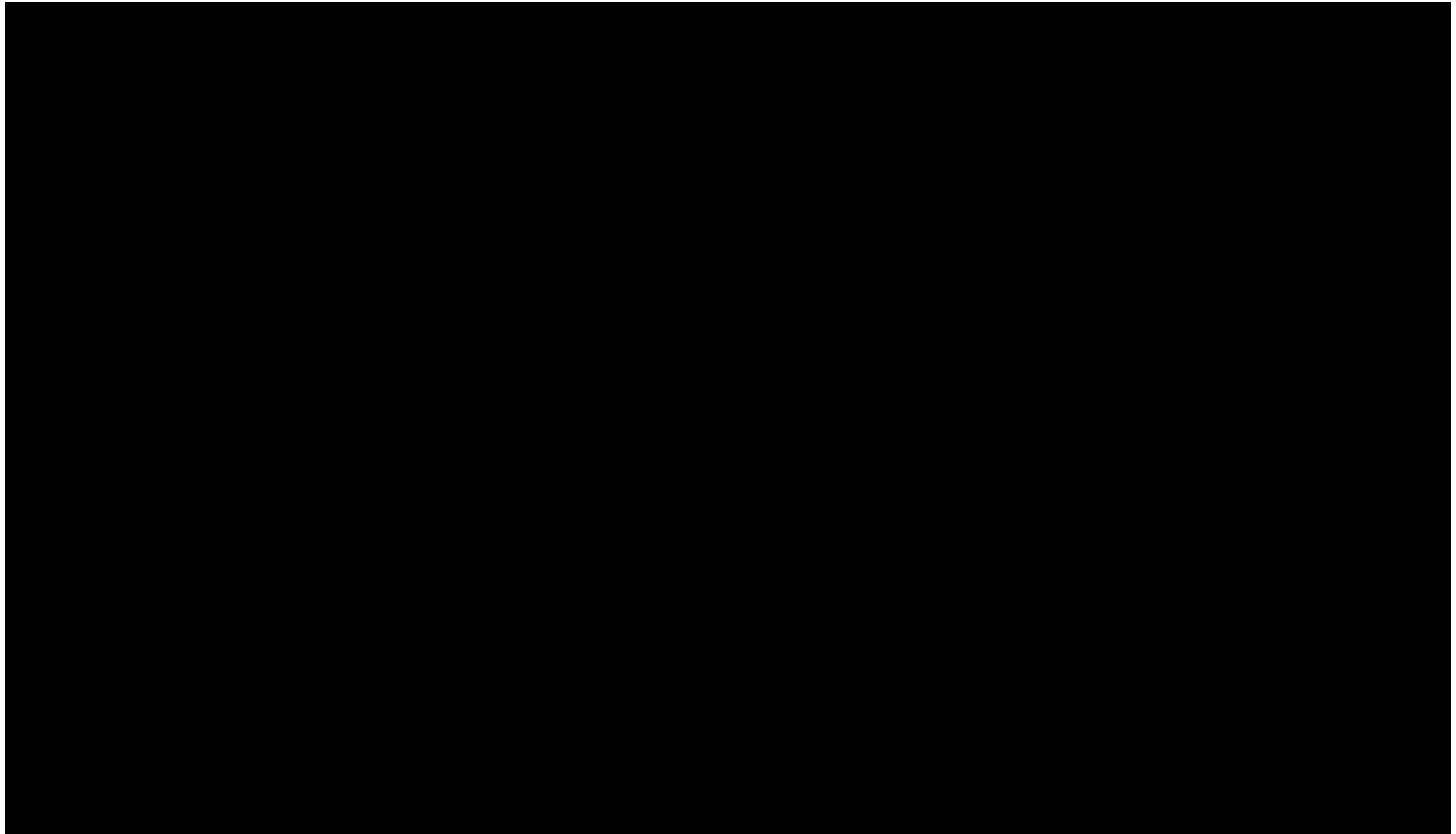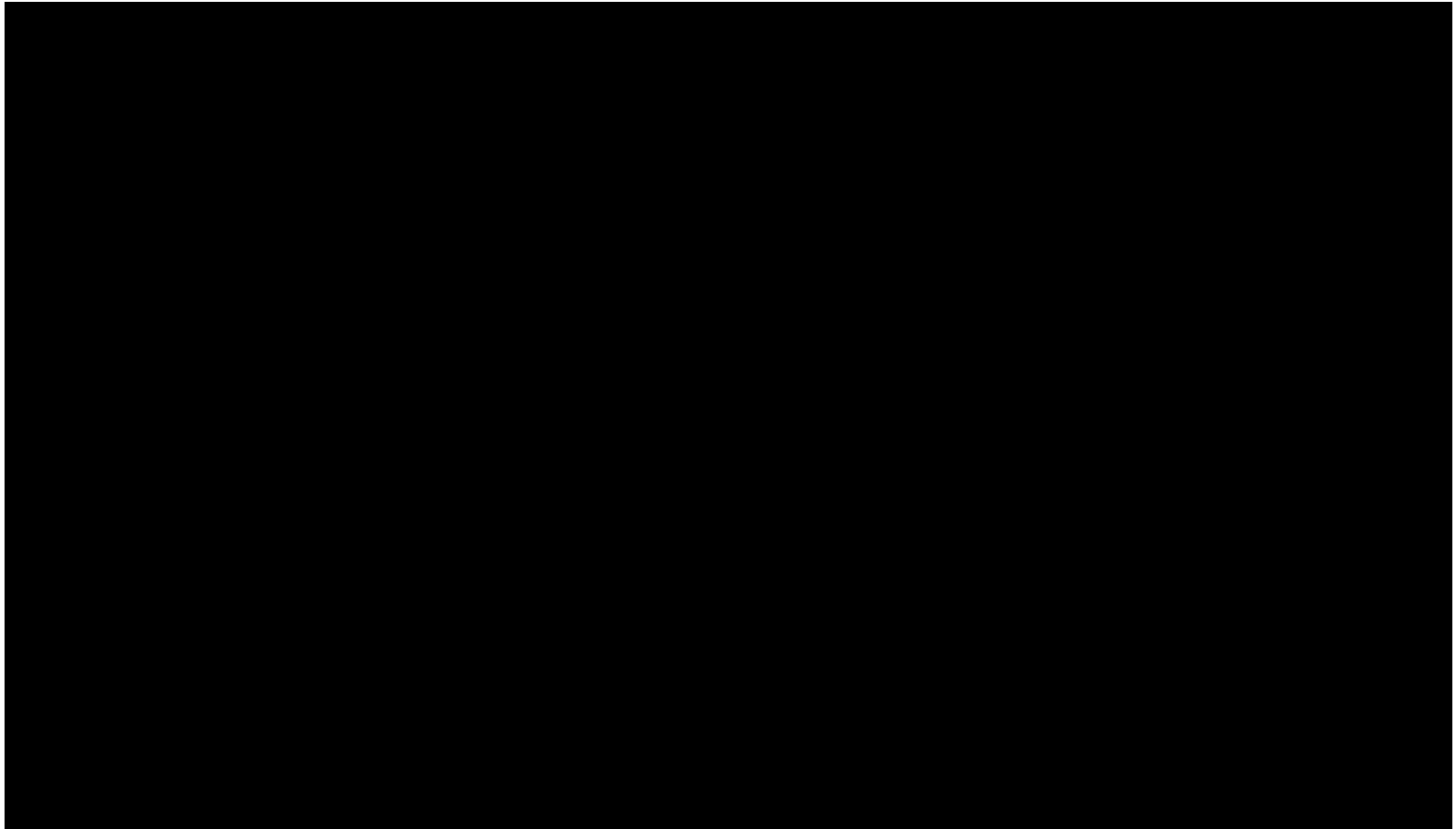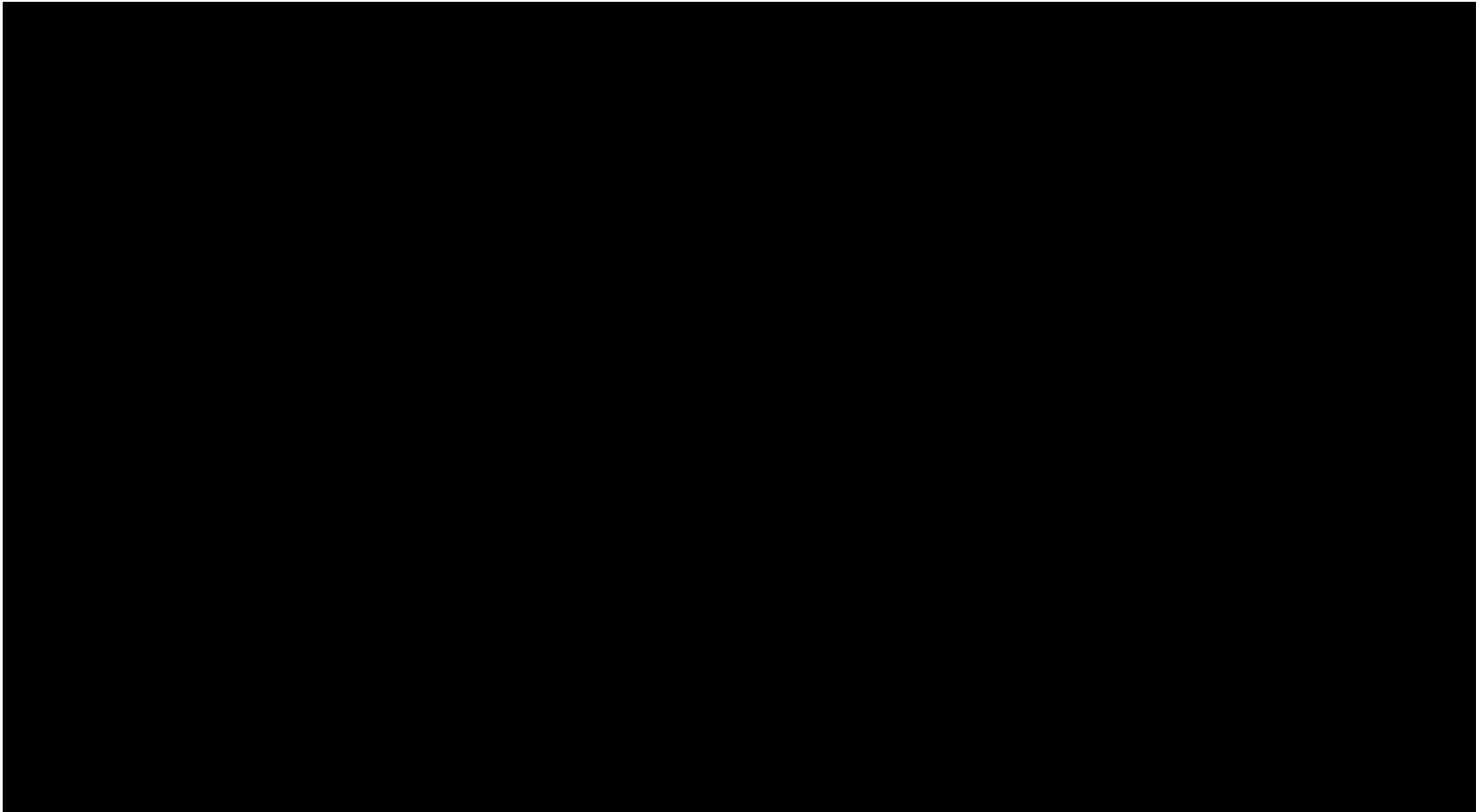
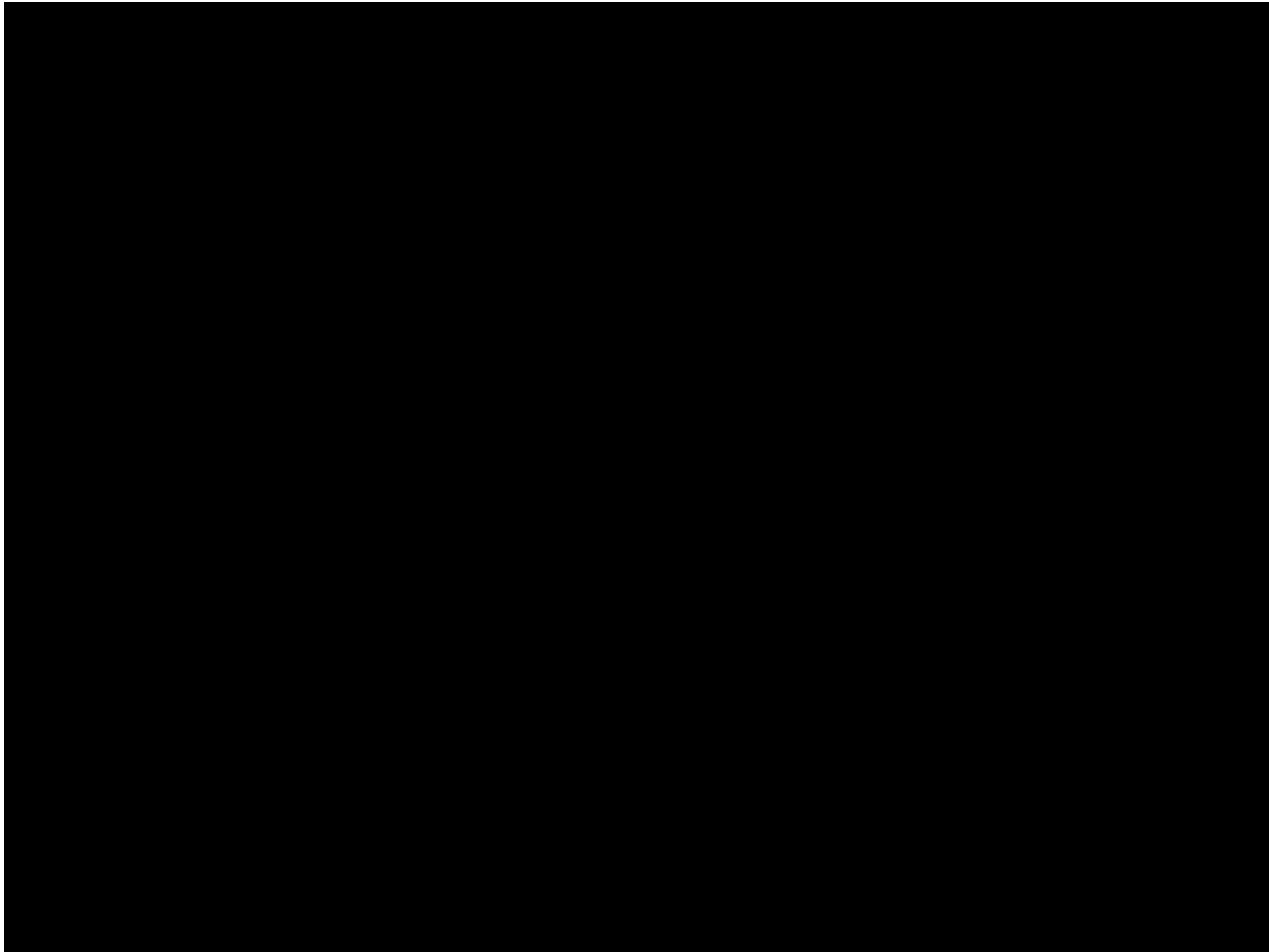# Locomotion – Slithering (Original)
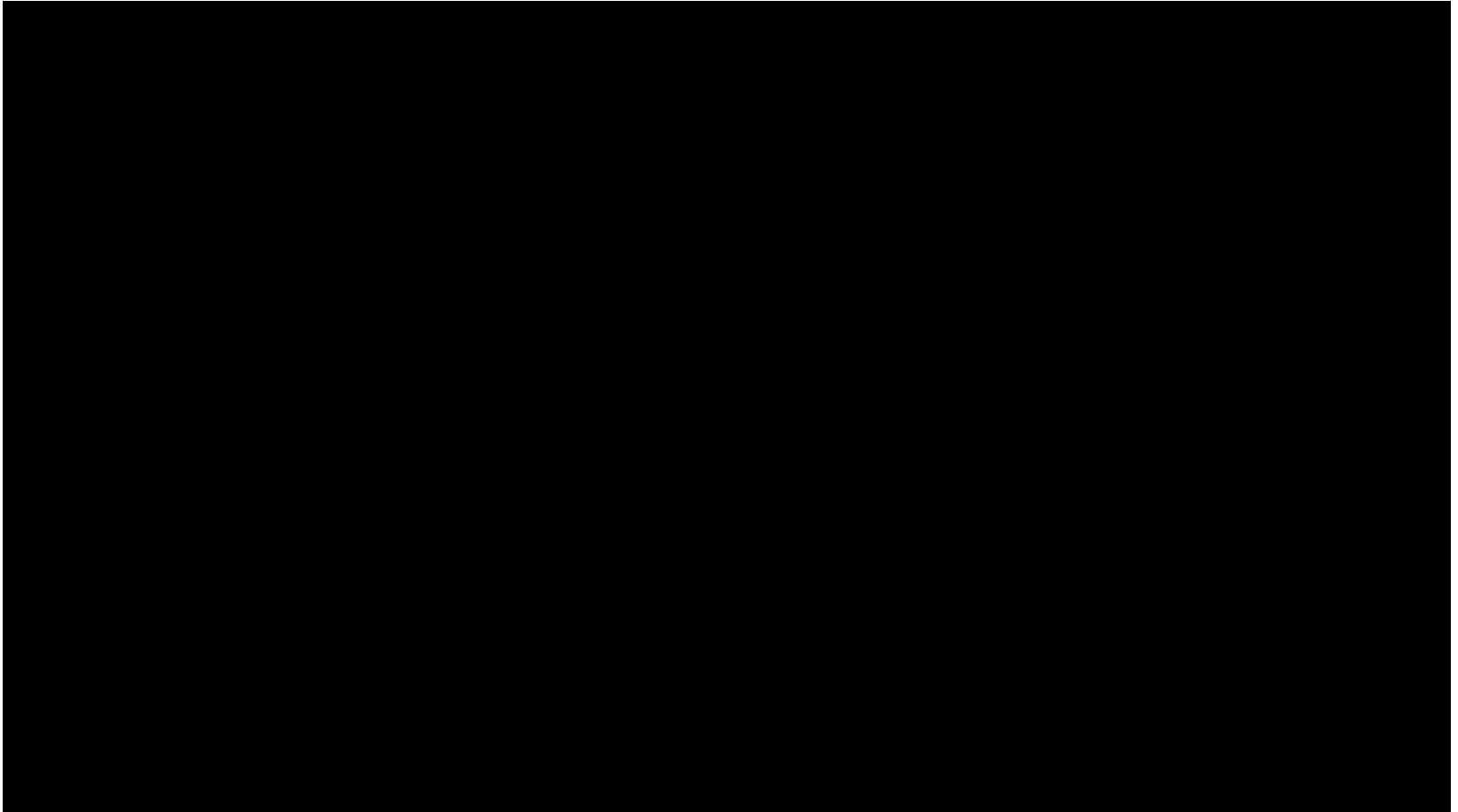
Locomotion – Slithering (Evolved)

Food Finding (Original)

Food Finding (Evolved)

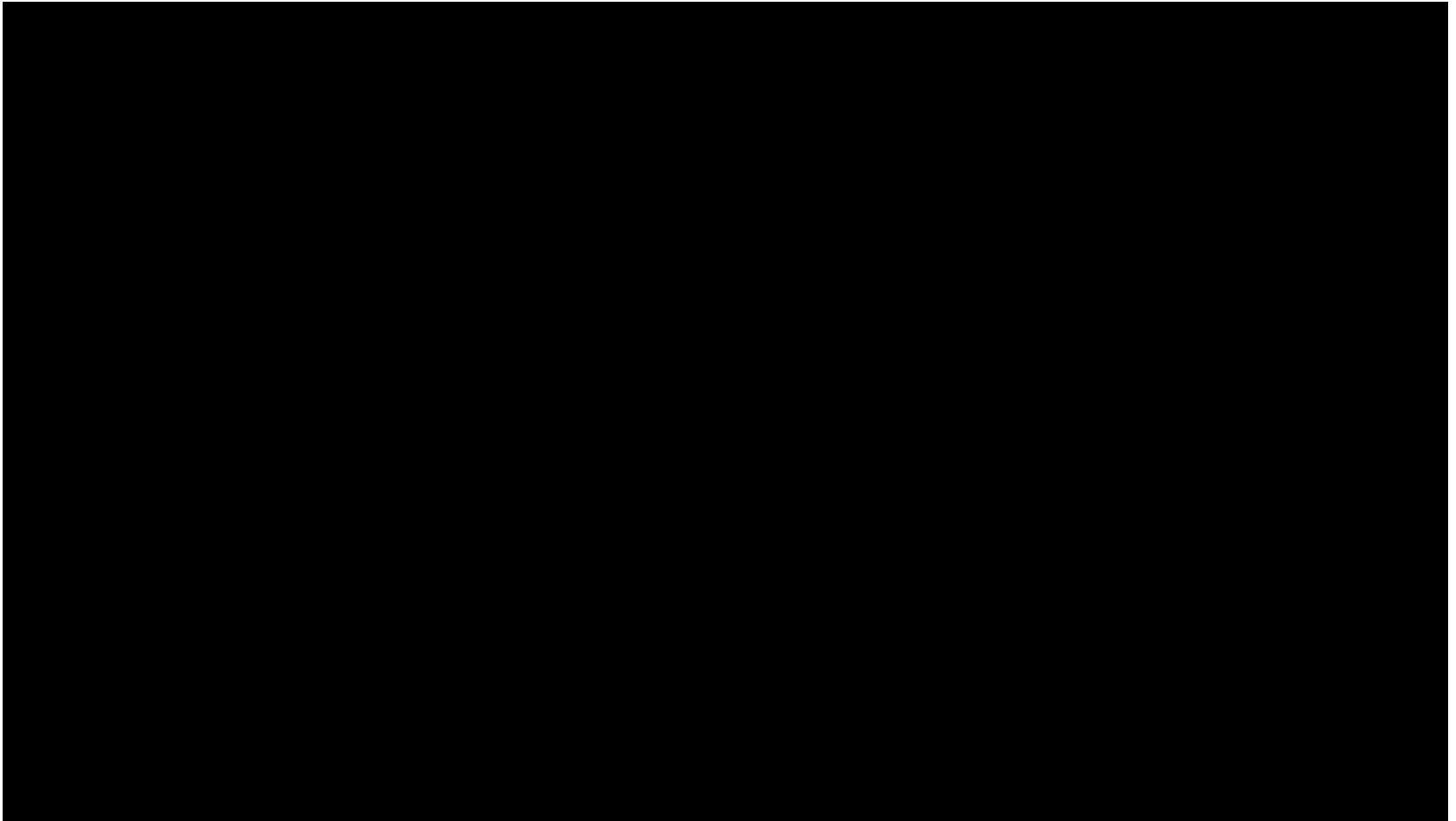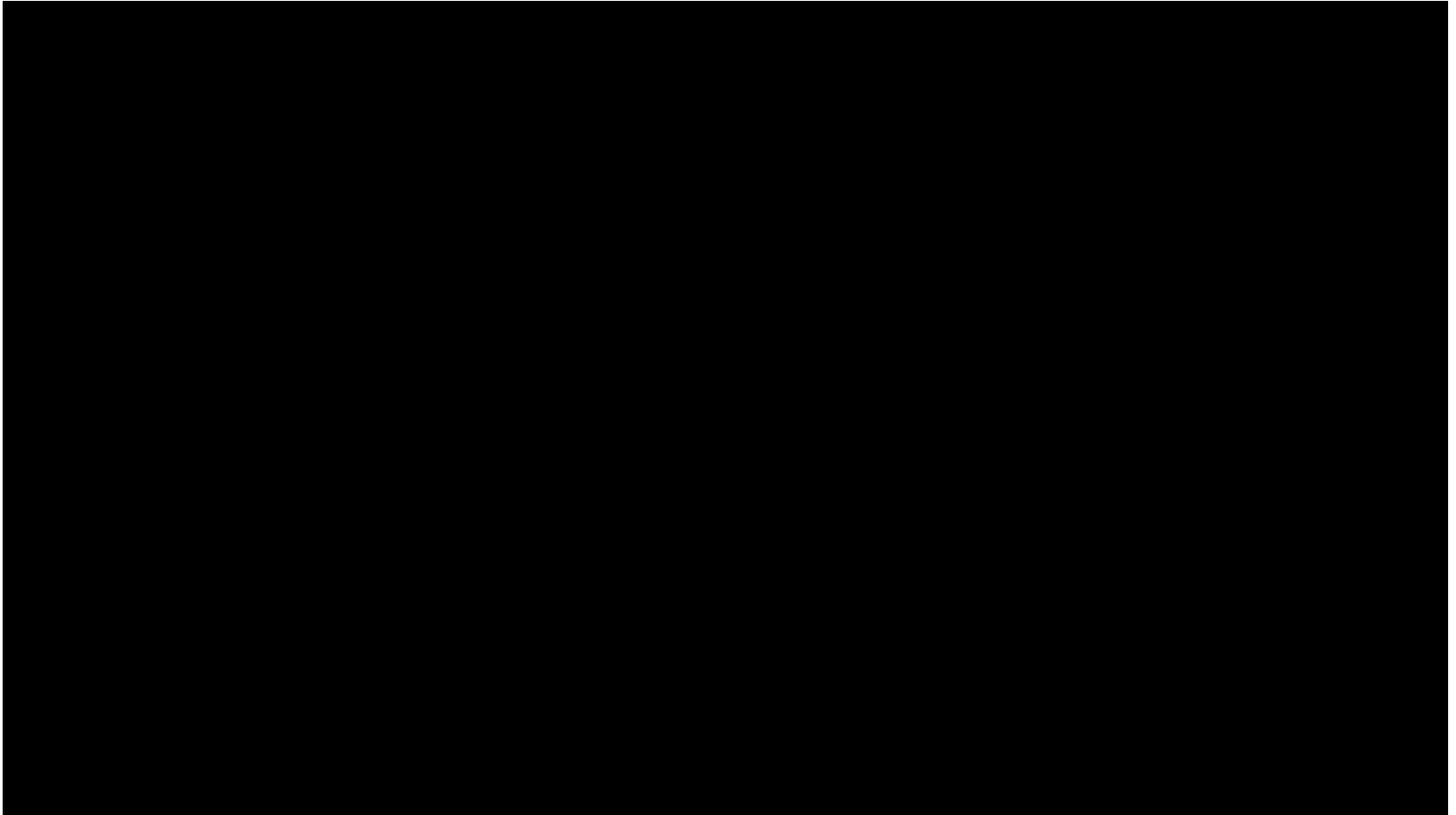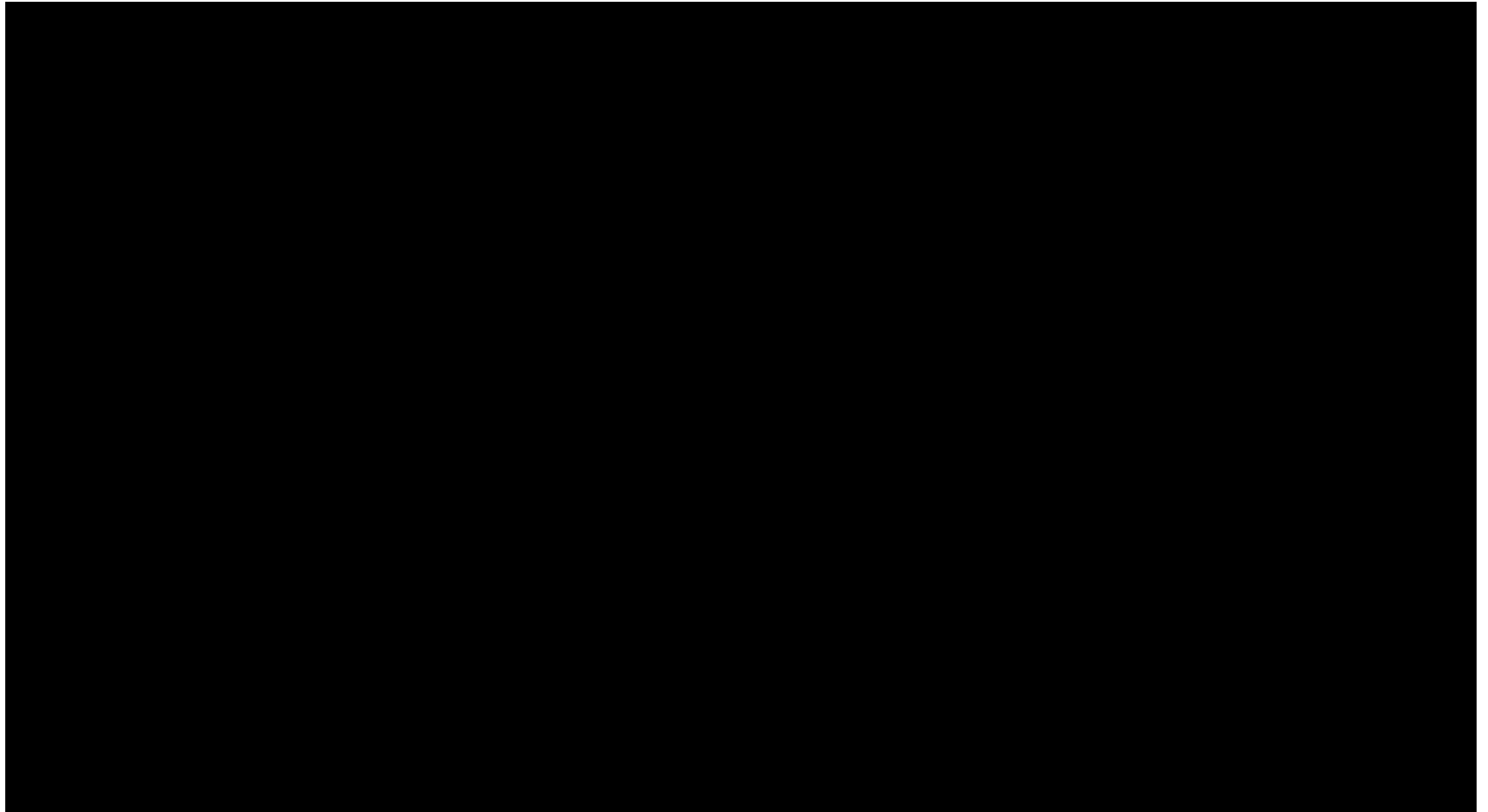# Locomotion – Swimming (Original)

Locomotion – Swimming (Evolved)

Food Finding (Original)

Food Finding (Evolved)

Thank You!