|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Snook Suction Feeding*** | | | | |
| Time 0 | **Cone A** | **Length (mm)** | **Area ()** | **Volume ()** |
| a | 2.1 | N/A |  |
| b | 27.6 |
| **Cone B** | **Length (mm)** | **Area ()** | **Volume ()** |
| a | 2.1 | N/A |  |
| c | 12.3 |
| d | 1.8 |
| e |  |
| ***Volume of feeding mechanism before expansion (t0)*** | | |  |
| Time 1 | **Cone A** | **Length (mm)** | **Area ()** | **Volume ()** |
| a | 7.0 | N/A |  |
| b | 28.9 |
| **Cone B** | **Length (mm)** | **Area ()** | **Volume ()** |
| a | 7.0 |  |  |
| c | 12.3 |
| d | 5.9 |
| e |  |
| ***Volume of feeding mechanism at maximum expansion (t1)*** | | |  |
| ***Volume change during feeding event ()*** | | | |  |
| ***Duration of feeding event (sec)*** | | | | 0.036 |
| ***Area of mouth at maximum expansion (t1) ()*** | | | |  |
| ***Velocity of water flow into mouth (mm/sec)*** | | | |  |
|  | | | |  |
| ***Snook Suction Feeding Answer Key*** | | | | |
| Time 0 | **Cone A** | **Length (mm)** | **Area ()** | **Volume ()** |
| a | 2.1 | N/A | 127.5 |
| b | 27.6 |
| **Cone B** | **Length (mm)** | **Area ()** | **Volume ()** |
| a | 2.1 | N/A | 147.2 |
| c | 12.3 |
| d | 1.8 |
| e | 73.8 |
| ***Volume of feeding mechanism before expansion (t0)*** | | | 274.7 |
| Time 1 | **Cone A** | **Length (mm)** | **Area ()** | **Volume ()** |
| a | 7.0 | N/A | 1482.9 |
| b | 28.9 |
| **Cone B** | **Length (mm)** | **Area ()** | **Volume ()** |
| a | 7.0 | 109.4 | 1611.5 |
| c | 12.3 |
| d | 5.9 |
| e | 66.0 |
| ***Volume of feeding mechanism at maximum expansion (t1)*** | | | 3094.4 |
| ***Volume change during feeding event ()*** | | | | 2819.7 |
| ***Duration of feeding event (sec)*** | | | | 0.132 |
| ***Area of mouth at maximum expansion (t1) ()*** | | | | 109.4 |
| ***Velocity of water flow into mouth (mm/sec)*** | | | | 716.2 |
|  | | | |  |