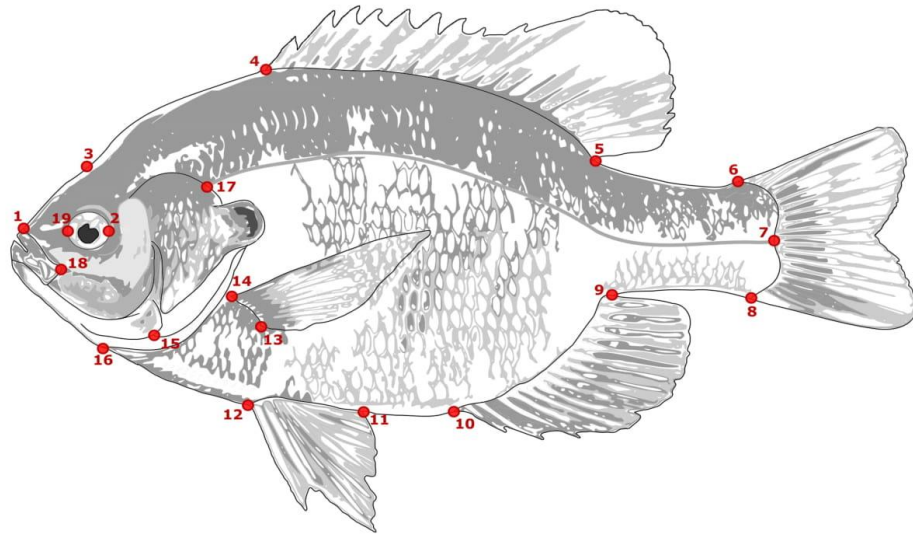
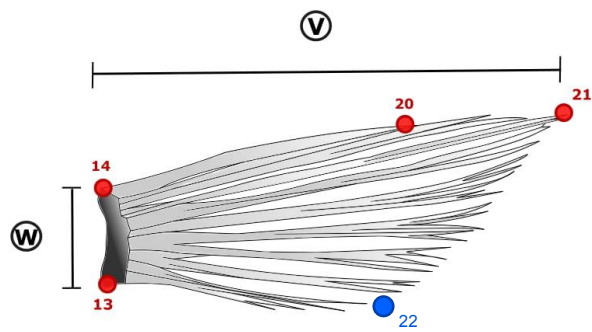


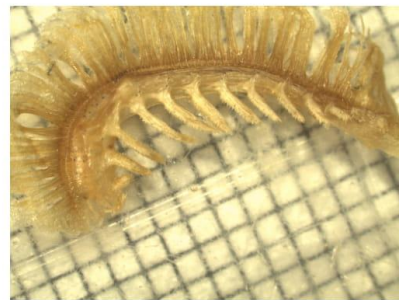
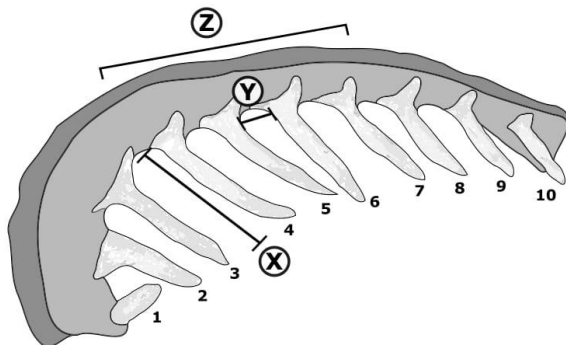
**A.**



**B.**



**C.**



**Figure 2.** Landmark positions and meristic measurements for bluegill sunfish. **A.** Full body landmark positions. **1.** Dorsal tip of premaxillary. **2.** Right-centered edge of eye. **3.** Forehead above center of eye. **4.** Dorsal fin anterior insertion point. **5.** Dorsal fin posterior insertion point. **6.** Caudal fin dorsal insertion point. **7.** Caudal fin mid insertion point intersecting with lateral line end point. **8.** Caudal fin ventral insertion point. **9.** Anal fin posterior insertion point. **10.** Anal fin anterior insertion point. **11.** Pelvic fin posterior insertion point. **12.** Pelvic fin anterior insertion point. **13.** Pectoral fin ventral insertion point. **14.** Pectoral fin dorsal insertion point. **15.** Intersection point between suboperculum and interoperculum. **16.** Anterior intersection point between isthmus and gill structures. **17.** Intersection point between lateral line and operculum. **18.** Dorsal, posterior tip of maxillary. **19.** Left-centered edge of eye. **B.** Pectoral fin landmarks and measurements. **20.** Tip of first dorsal ray. **21.** Tip of third/longest ray. **V.** Fin length measurement. **W.** Fin base width measurement. **C.** Gill arch with raker measurements. **X.** Raker length measurement. **Y.** Raker spacing measurement. **Z.** Rakers 4-7 and spaces between them were those used in analyses.