To attain a measure of shape diversity (or disparity as it is technically called) the study relied on a method known as geometric morphometrics. Geometric morphometrics research focuses on the study of shape and shape change with examples from fishes for the academy of natural sciences of Philadelphia special publication No 15. To conduct this study, researchers analyzed the geometry of size and shape change with examples from fishes for the academy of natural sciences of Philadelphia special publication No 15. The geometry of size and shape change with examples from fishes for the academy of natural sciences of Philadelphia special publication No 15. To conduct this study, researchers analyzed the geometry of size and shape change with examples from fishes for the academy of natural sciences of Philadelphia special publication No 15. To conduct this study, researchers analyzed the geometry of size and shape change with examples from fishes for the academy of natural sciences of Philadelphia special publication No 15.