

Fish Vista

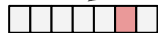
Images : 59537

Species: 1888

Species Classification



Classifier Model



Amblycurrhitus
bimaculata



Epibulus
insidiator

Trait Identification



Multi-label Classifier Model

Dorsal Fin



Pelvic Fin



...

Adipose Fin



Barbels



Trait Segmentation



Semantic Segmentation Model



- Background
- Head
- Eye
- Dorsal fin
- Pectoral fin
- Pelvic fin
- Anal fin
- Caudal fin
- Adipose fin
- Barbel



Interpretability



Biological Trait Discovery



Weakly Supervised Semantic Segmentation



Evolutionary Trait Discovery



Imbalanced Dataset