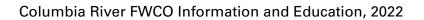
Morphology Table Worksheet





Body Shape Adaptation Chart

	body onape / daptation onart				
Body Shape	Description	Example			
Fusiform					
Depressed	Flattened from back to belly like a pancake; use short bursts of speed to ambush prey; common in bottom dwelling fish				
Globiform					
Ribbon	Snake-like; slow swimmers but move easily through small cracks and crevices where they hide to ambush prey	Eels			
Compressed		Flounders, sergeant majors			



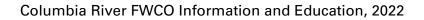
Tail Shape Adaptation Chart

Tail	Description	Example		
Shape				
Lunate				
(fastest)				
Forked				
Squared				
Rounded	Very maneuverable,	Goby		
	capable of bursts of speed			
	for short			
	distances			
Tapered	Slow swimmers, use body	Moray eel		
-	undulations to swim			



Color Pattern Adaptation Chart

Color	Description	Example	
Pattern			
Camouflage			
Advertising	Warning to stay away from poisons or spines; attract mates, defend territories, clean other fish	Hawaiian cleaner wrasse	
Disruptive			
Deceiving	Resembling an object or fish that is not of interest to a predator; markings that confuse predator	Butterfly fish, prettyfins	
Countershading			





Mouth Shape Adaptation Chart

Mouth	Description	Example
Shape		
Superior		
Terminal	Middle of head; points forward; feed on organisms floating in water column	
Inferior	Downwards shape; suggests bottom-feeder; often have barbels that assist in locating food particles	
Protruding		Minnows, goldfish
Elongated		Gar; Needlefish



Teeth and Gill Raker Adaptation Chart

Teeth	TeethDescriptionExample		
and Gill	Description	Example	
Raker			
Features			
Pointed			
Teeth			
Tooth			
Plates			
Beak -like	Crush prey items; suggests	Parrotfish; pufferfish	
Teeth	it feeds items like on plants		
	or coral		
Comb-like			
Gill Rakers			
Large,	Protects gills when they eat	Lingcod	
course Gill	from large prey items		
Rakers			

