

SYSTEMATIC SURVEY
Of the 7 Legions and 15 Orders of the Fishes.

<i>Sub-classes of Fishes.</i>	<i>Legions of Fishes.</i>	<i>Orders of Fishes.</i>	<i>Examples from the Orders.</i>
A. Primal Fish Selachii	I. Transverse mouths <i>Plagiostomi</i>	1. Sharks <i>Squalacei</i>	Sharks, dog-fish
		2. Rays <i>Rajacei</i>	Spiked rays, electric rays, etc.
	II. Sea-Cats <i>Holocephali</i>	3. Sea-Cats <i>Chimæracei</i>	Chimæra, Calorrrhyn- chias
B. Ganoid Fish Ganoides	III. Mailed Ganoid Fish <i>Tabuliferi</i>	4. Buckler-heads <i>Pamphracte</i>	Cephalaspidæ, Placo- derma, etc.
		5. Sturgeons <i>Sturiones</i>	Spoon-sturgeons, stur- geons, sterlet, etc.
	IV. Angular-scaled Ganoid Fish <i>Rhombiferi</i>	6. <i>Efulcri</i>	Double-finned
		7. <i>Fulcrati</i>	Palæoniscus, bony pike, etc.
	V. Round-scaled Ganoid Fish <i>Cycliferi</i>	8. <i>Semæopteri</i>	African finny pike, etc.
		9. <i>Cæloscolopes</i>	Holoptychius, Cœlacan- thides, etc.
C. Osseous Fish Teleostei	VI. Osseous Fish with an air passage to the swimming bladder <i>Physostomi</i>	10. <i>Pycnoscolopes</i>	Coccolepida, . Amiadæ, etc.
		11. Herring species <i>Thrissogenes</i>	Herrings, salmon, carp, etc.
	VII. Osseous Fish without an air passage to the swimming bladder <i>Physoclisti</i>	12. Eel species <i>Enchelygenes</i>	Eels, snake eels, electric eels, etc.
		13. <i>Stichobranchii</i>	Perch, wrasse, turbot, etc.
		14. <i>Plectognathi</i>	Trunk fish, globe fish, etc.
	15. <i>Lophobranchii</i>	Pipe fish, sea horses, etc.	