



## Fish Publication References

### CARP

- 2163A Stecyk, J.A., Farrell, A.P., "Cardiorespiratory responses of the common carp (*Cyprinus carpio*) to severe hypoxia at three acclimation temperatures," *J Exp Biol*, Vol. 205, Pt 6, p. 759-68, 2002. (*carp, cardiac output, chronic*)

### DOG FISH

- 2140A Perry, S.F., McKendry, J.E., "The relative roles of external and internal CO<sub>2</sub> versus H<sup>+</sup> in eliciting the cardiorespiratory responses of *Salmo salar* and *Squalus acanthias* to hypercarbia," *Journal of Experimental Biology*, Vol. 204, No. 22, p. 2963-71, 2001. (*dogfish, Atlantic salmon, conus, bulbus arteriosus, chronic*)
- 2081A McKendry, J.E., Milsom, W.K., Perry, S.F., "Branchial CO<sub>2</sub> receptors and cardiorespiratory adjustments during hypercarbia in Pacific spiny dogfish (*Squalus acanthias*)," *Journal of Experimental Biology*, Vol. 204, No. 8, p. 1519-1527, 2001. (*dogfish, cardiac output, chronic*)

### FLOUNDER

- 2924A Joaquim N, Wagner GN, Gamperl AK. Cardiac function and critical swimming speed of the winter flounder (*Pleuronectes americanus*) at two temperatures. *Comp Biochem Physiol A Mol Int. Jul;138(3):277-85.*

### SALMON

- 2165A Gallagher, P.E., Thorarensen, H., Kiessling, A., Farrell, A.P., "Effects of high intensity exercise training on cardiovascular function, oxygen uptake, internal oxygen transport and osmotic balance in chinook salmon (*Oncorhynchus tshawytscha*) during critical speed swimming," *J Exp Biol*, Vol. 204, Pt. 16, p. 2681-72, 2001. (*salmon, aorta, acute*)
- 2140A Perry, S.F., McKendry, J.E., "The relative roles of external and internal CO<sub>2</sub> versus H<sup>+</sup> in eliciting the cardiorespiratory responses of *Salmo salar* and *Squalus acanthias* to hypercarbia," *Journal of Experimental Biology*, Vol. 204, No. 22, p. 2963-71, 2001. (*dogfish, Atlantic salmon, conus, bulbus arteriosus, chronic*)
- 329A Thorarensen, H., Gallagher, P.E., Kiessling, A.K., Farrell, A.P., "Intestinal Blood Flow in Swimming Chinook Salmon *Oncorhynchus tshawytscha* and the Effects of Haematocrit on Blood Flow Distribution," *Journal of Experimental Biology*, Vol. 179, p. 115-129, 1993. (*salmon, intestinal blood flow, chronic*)

### SQUAWFISH

- 464A Kolok, A.S., Farrell, A.P., "Individual Variation in the Swimming Performance and Cardiac Performance in Northern Squawfish, *Ptychocheilus Oregonensis*: the Effect of Coronary Artery Ligation," *Canadian Journal of Zoology*, Vol. 72, No. 3, p. 706-722, 1994. (*ventral aorta, chronic, 4mm probe*)
- 463A Kolok, A.S., Farrell, A.P., "The Relationship between Maximum Cardiac Output and Swimming Performance in Northern Squawfish, *Ptychocheilus Oregonensis*," *Physiological Zoology*, Vol. 67, No. 3, p.706-722, 1994. (*ventral aorta, chronic*)

### STURGEON

- 1910A Farrell, A.P., Thorarensen, H., Axelsson, M., Crocker, C.E., Gamperl, A.K., Cech, J.J., "Gut blood flow in fish during exercise and severe hypercapnia," *Comp Biochem Physiol A Mol Integr Physiol*, Vol. 128, No. 3, p. 549-61, 2001. (*mesenteric a., chronic*)
- 1610A Crocker, C.E., Farrell, A.P., Gamperl, A.K., Cech, J.J., "Cardiorespiratory Responses of White Sturgeon to Environmental Hypercapnia," *American Journal of Physiology*, Vol. 279, No. 2, p. R617-R628, 2000. (*cardiac output, chronic*)

### SUCKER

- 330A Kolak, A.S., Spooner, R. M., Farrell, A.P., "The Effect of Exercise on the Cardiac Output and Blood flow Distribution of the Largemouth Sucker (*Catostomus Macrocheilus*)," *Journal of Experimental Biology*, Vol. 183, pp 301-321, 1993. (*CO, ventral aorta, subacute*)

### TROUT

- 2288A Desforges, P.R., Harman, S.S., Gilmour, K.M., Perry, S.F., "Sensitivity of CO<sub>2</sub> excretion to blood flow changes in trout is determined by carbonic anhydrase availability," *AJP*, Vol. 282, No. 2, p. R501-8, 2002. (*rainbow trout, cardiac output, acute*)
- 2162A Gamperl, A.K., Todgham, A.E., Parkhouse, W.S., Dill, R., Farrell, A.P., "Recovery of trout myocardial function following anoxia: preconditioning in a non-mammalian model," *AJP*, Vol. 281, No. 6, p. R1755-63, 2001. (*trout, cardiac output, acute*)
- 2134A McKendry, J.E. Perry, S.F., "Cardiovascular effects of hypercarbia in rainbow trout (*Oncorhynchus mykiss*): a role for externally oriented chemoreceptors," *Journal of Experimental Biology*, Vol. 204, No. 1, p. 115-125, 2001. (*rainbow trout, cardiac output, chronic*)
- 1616A Perry, S.F., Fritsche, R., Hoagland, T.M., Duff, D.W., Olson, K.R., "The Control of Blood Pressure During External Hypercapnia in the Rainbow Trout (*Oncorhynchus mykiss*)," *The Journal of Experimental Biology*, Vol. 202, No. 16, p. 2177-2190, 1999. (*trout, cardiac output, chronic*)
- 1614A Hoagland, T.M., Weaver, L., Conlon, J.M., Wang, Y., Olson, K.R., "Effects of Endothelin-1 and Homologous Trout Endothelin on Cardiovascular Function in Rainbow Trout," *American Journal of Physiology*, Vol. 278, No. 2, p. R460-R468, 2000. (*cardiac output, chronic*)
- 296A Schmieder, P.K., Weber, L.J., "Blood and Water Flow Limitations on Gill Uptake of Organic Chemicals in the Rainbow Trout," *Aquatic Toxicology*, Vol. 24, pp. 103-122, 1992. (*ventral aorta, gill, ventilation volume, flow limitations, subacute*)

