

Section 22.1

Burrows M (1982). Interneurones co-ordinating the ventilatory movements of the thoracic spiracles in the locust. *Journal of Experimental Biology* 97, 385-400.

Bustami HP, Hustert R (2000). Typical ventilatory pattern in the intact locust is produced by the isolated CNS. *Journal of Insect Physiology* 46: 1285-1293

Jüch PJW, Ballintijn CM (1983). Tegmental neurons controlling medullary respiratory centre activity in the carp. *Respiration Physiology* 51: 95-107.

Kogo N, Perry SF, Remmers JE (1994). Neural organization of the ventilatory activity in a frog, *Rana catesbeiana*. I. *Journal of Neurobiology* 25: 1067-1079.

Mendelson M (1971). Oscillator neurons in crustacean ganglia. *Science* 171: 1170-1173.

Ramirez JM (1998). Reconfiguration of the respiratory network at the onset of locust flight. *Journal of Neurophysiology* 80: 3137-3147.

Ramirez JM, Pearson KG (1989). Distribution of intersegmental interneurons that can reset the respiratory rhythm of the locust. *Journal of Experimental Biology* 141: 151-176.

Syed NI, Bulloch AGM, Lukowiak K (1990). In vitro reconstruction of the respiratory central pattern generator of the mollusk *Lymnaea*. *Science* 250: 282 – 285.

Wilson RJA, Vasilakos K, Harris MB, Strauss C, Remmers JE (2002). Evidence that ventilatory rhythmogenesis in the frog involves two distinct neuronal oscillators. *The Journal of Physiology* 540: 557-570.

Section 22.2

Ballintijn CM, Bamford OS (1975). Proprioceptive motor control in fish respiration. *Journal of Experimental Biology* 62: 99-114.

Bell HJ, Inoue T, Shum K, Luk C, Syed NI (2007). Peripheral oxygen-sensing cells modulate the output of an identified respiratory central pattern generating neuron. *European Journal of Neuroscience* 25: 3537-3550.

Burleson ML, Smith RL (2001). Central nervous control of gill filament muscles in channel catfish. *Respiration Physiology* 126: 103-112.

Burleson ML, Soard JD, Elikan P (2001). Branchial mechanoreceptor activity during spontaneous ventilation in channel catfish. *Comparative Biochemistry Physiology A*, 128, 129-136,

de Graaf PJE, Ballintijn C.M. and, Maes, F.W. (1987). Mechanoreceptor activity in the gills of carp. I. Gill filament and gill raker mechanoreceptors. *Respiration Physiology* 69, 173-182.

de Graaf PJF, Ballintijn CM (1987). Mechanoreceptor activity in the gills of the carp. II. Gill arch proprioceptors. *Respiration Physiology* 69: 183-194.

Tan Z-Y, Lu Y, Whiteis CA., Benson CJ, Chapleau MW, Abboud FM (2007). Acid-sensing ion channels contribute to transduction of extracellular acidosis in rat carotid body glomus cells. *Circulation Research* 101: 1009-1019.

Section 22.3

Hartline DK (1967). Impulse identification and axon mapping of the nine neurons in the cardiac ganglion of the lobster *Homarus americanus*. *Journal of Experimental Biology* 47: 327-340.

Section 22.4

Burggren W, Pinder A, McMahon B, Doyle M, Wheatly M (1990). Heart rate and hemolymph pressure responses to hemolymph volume change in the land crab *Cardisoma guanhumi*: evidence for "baroreflex" regulation. *Physiology Zoology* 63, 167-181.

Emilio MG, Shelton G (1972). Factors affecting blood flow to the lungs in the amphibian, *Xenopus laevis*. *Journal of Experimental Biology* 56: 67-77.

Lu Y, Ma X, Sabharwal R, Snitsarev V, Morgan D, Rahmouni K, Drummond HA, Whiteis CA, Costa V, Price M, Benson C, Welsh MJ, Chapleau MW, Abboud FM (2009). The ion channel ASIC2 is required for baroreceptor and autonomic control of the circulation. *Neuron* 64, 885-897.

Matsukawa K, Shindo T, Shirai M, Ninomiya I (1997). Direct observations of sympathetic cholinergic vasodilatation of skeletal muscle small arteries in the cat. *The Journal of Physiology* 500: 213-225.

West NH, Van Vliet BN (1994). The role of arterial baroreceptors in the undivided circulation of anuran amphibians. *Physiological Zoology* 67: 1305-1324.

Section 22.5

Hayano J, Yasuma F, Okada A, Mukai S, Fujinami T (1996). Respiratory sinus arrhythmia. A phenomenon improving pulmonary gas exchange and circulatory efficiency. *Circulation* 94: 842-847.

Katz DM, Karten HJ (1983). Visceral representation within the nucleus of the tractus solitarius in the pigeon, *Columba livia*. *Journal of Comparative Neurology* 218: 42-73.

Steusse SL, Cruce WLR, Powell KS (1984). Organization within the cranial IX-X complex in ranid frogs: a horseradish peroxidase transport study. *Journal of Comparative Neurology* 222: 358-365