

# The Bodily Basis of the Feeling of Effort: Condemned to Repeat the Past?

Alexander Klein, McMaster University

Carleton University, October 11, 2024

## Bibliography

- Amann, M. 2012. "Significance of Group III and IV Muscle Afferents for the Endurance Exercising Human." *Clin Exp Pharmacol Physiol* 39 (9):831-5.
- Amann, M., L. T. Proctor, J. J. Sebranek, M. W. Eldridge, D. F. Pegelow, and J. A. Dempsey. 2008. "Somatosensory Feedback from the Limbs Exerts Inhibitory Influences on Central Neural Drive During Whole Body Endurance Exercise." *J Appl Physiol (1985)* 105 (6):1714-24.
- Bain, Alexander. 1855/1868. *The Senses and the Intellect*. 3d ed. London: Longmans, Green.
- Barbosa, Thales C., Lauro C. Vianna, Igor A. Fernandes, Eliza Prodel, Helena N. M. Rocha, Vinicius P. Garcia, Natalia G. Rocha, Niels H. Secher, and Antonio C. L. Nobrega. 2016. "Intrathecal Fentanyl Abolishes the Exaggerated Blood Pressure Response to Cycling in Hypertensive Men." *The Journal of Physiology* 594 (3):715-25.
- Bastian, H. Charlton. 1887. "The "Muscular Sense"; Its Nature and Cortical Localisation." *Brain* 10 (1):1-89.
- Bastian, H. Charlton. 1869. "On the "Muscular Sense," and on the Physiology of Thinking." *The British Medical Journal* 1 (435):394-96.
- Bell, Charles. 1811. *Idea of a New Anatomy of the Brain; Submitted for the Observations of His Friends*. London: Strahan and Preston.
- Bergevin, Maxime, James Steele, Marie Payen de la Garanderie, Camille Feral-Basin, Samuele M. Marcora, Pierre Rainville, Jeffrey G. Caron, and Benjamin Pageaux. 2023. "Pharmacological Blockade of Muscle Afferents and Perception of Effort: A Systematic Review with Meta-Analysis." *Sports Medicine* 53 (2):415-35.
- Bermúdez, Juan Pablo. Forthcoming. "What Is the Feeling of Effort About?" *Australasian Journal of Philosophy*.
- Bermúdez, Juan Pablo, and Olivier Massin. 2023. "Efforts and Their Feelings." *Philosophy Compass* 18 (1):e12894.
- Fernandes, A, H Galbo, M Kjaer, J H Mitchell, N H Secher, and S N Thomas. 1990. "Cardiovascular and Ventilatory Responses to Dynamic Exercise During Epidural Anaesthesia in Man." *The Journal of Physiology* 420 (1):281-93.
- Ferrier, David. 1876. *The Functions of the Brain*. London: Smith, Elder.
- Helmholtz, Hermann von. 1867. *Handbuch der physiologischen Optik, allgemeine Encyklopädie der Physik*. Leipzig: Leopold Voss.

- Hughlings Jackson, J. 1875. *Clinical and Physiological Researches on the Nervous System (Reprints)*. London: J. and A. Churchill.
- James, William. 1880. "The Feeling of Effort." *Anniversary Memoirs of the Boston Society of Natural History* (Boston).
- Jeannerod, Marc. 2006. "The Origin of Voluntary Action. History of a Physiological Concept." *Comptes Rendus Biologies* 329 (5):354-62.
- Landry, Octave. 1855. "Mémoire sur la paralysie du sens musculaire." *Gazette des Hôpitaux Civils et Militaires* 68:269-71.
- Lotze, Hermann. 1852. *Medicinische Psychologie, oder, Physiologie der Seele*. Leipzig: Weidmann.
- Mach, Ernst. 1886. *Beiträge zur Analyse der Empfindungen*. Jena: Verlag von Gustav Fischer.
- . 1886/1914. *The Analysis of Sensations and the Relation of the Physical to the Psychological*. Translated by Cora May Williams and Sydney Waterlow. 5th ed. Chicago: Open Court.
- . 1900. *Die Analyse der Empfindungen und das Verhältniss des Physischen zum Psychischen*. 2. verm. Aufl. der Beiträge zur Analyse der Empfindungen. ed. Jena: G. Fischer.
- Massin, Olivier. 2017. "Towards a Definition of Efforts." *Motivation Science* 3:230-59.
- Müller, Johannes. 1837. *Handbuch der Physiologie des Menschen: für Vorlesungen*. 2 vols. Coblenz: Verlag von J. Hölscher.
- Pageaux, Benjamin, and Jeremie Gaveau. 2016. "Studies Using Pharmacological Blockade of Muscle Afferents Provide New Insights into the Neurophysiology of Perceived Exertion." *The Journal of Physiology* 594 (18):5049-51.
- Taylor, J. L. 2009. "Proprioception." In *Encyclopedia of Neuroscience*, edited by Larry R. Squire, 1143-49. Oxford: Academic Press.
- Wundt, Wilhelm Max. 1863. *Vorlesungen über die Menschen- und Tier- Seele*. 2nd ed. 2 vols. Leipzig.
- . 1874. *Grundzüge der physiologischen Psychologie*. Leipzig: W. Engelmann.