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Background Note: This collection of reprint articles was donated by Dr. Ann B. Butler, Professor Emeritus in the Molecular Neuroscience Department in the Krasnow Institute for Advanced Study at George Mason University. Butler collected the material over the course of her career and inherited much of it from her mentors, including articles collected and annotated by Dr. Paul Weiss and Dr. William Cruce in their research in neurobiology. The Museum's Neuroanatomical Collections include specimens of many rare and unusual species of amphibians, reptiles, elasmobranchs, mammals, and birds donated by Dr. Cruce. Histological slide preparation includes Nissel and myelin stains highlighting cellular and nerve fiber morphology. One linear foot of photocopied material relating specifically to Dr. Cruce, and not otherwise within the scope of the Archive's collection criteria for original reprints, was transferred to the Neuroanatomical division as secondary reference material to the Cruce slide collection.

Series/Scope and Content Note: The Comparative Neuroanatomy Reprint Collection consists of articles on comparative neuroanatomy and brain evolution across vertebrates from the early decades of the 20th century. Some are on systematics and taxonomy, particularly of reptiles and amphibians. A few are by some of the best known, top pioneers in the field. Given the importance of the Museum's Neuroanatomical Collections, these reprints are intended to enhance those collections. As these materials are generally rare and often not available online, they also meet the collecting criteria for the Otis Historical Archives. The reprints are almost all originals and arranged alphabetically by the first author listed in the publication.



BOX AND CONTENT LIST

Box 001:

00001: Afelt—Ayers

- Afelt, Zofia. "Functional Significance of the Ventral and Lateral Funiculi in the Frog's Spinal Cord." *Acta Neurobiol. Exp.* 36 (1976): 593-612.
- Altman, J.S. and E.A. Dawes. "A Cobalt Study of Medullary Sensory Projections From Lateral Line Nerves, Associated Cutaneous Nerves, and the VIIIth in Adult *Xenopus*." *The Journal of Comparative Neurology* 213 (1983): 310-26.
- Amat, J. "Interaction between signals from vestibular and forelimb receptors in Purkinje cells of the frog vestibulocerebellum." *Brain Research* 278 (1983): 287-90.
- Andersen, P. and J.C. Eccles. "Locating and Identifying Postsynaptic Inhibitory Synapses by the Correlation of Physiological and Histological Data." *Symp. Biol. Hung.* 5 (1965): 219-42.
- Andersen, P., J.C. Eccles and T.A. Sears. "Cortically Evoked Depolarization of Primary Afferent Fibers in the Spinal Cord." *J. Neuropathology* 27 (1969): 63-77.
- Andersen, P., J.C. Eccles, and R.F. Schmidt. "Presynaptic Inhibitory Actions." *Nature* 195 (May 26, 1962): 740-43.
- Andersen, P., C. McC. Brooks, and J.C. Eccles. "Electrical Responses of the Ventro-basal Nucleus of the Thalamus." *Progress in Brain Research* 5 (1964): 100-13.
- Ariens Kappers, C.U. "Differences in the Effect of Various Impulses on the Structure of the Nervous System." *The Irish Journal of Medical Science* (Sept. 1934): 3-27.
- Ariens Kappers, C.U. "Development of the Different Layers of the Cerebral Cortex with Reference to Some Pathological Cases. The Forebrain of Prehistoric Races." *Transactions of the College of Physicians of Philadelphia* 3 (1935): 20-32.
- Ariens Kappers, C.U. "The phylogenetic evolution of the extrapyramidal motor centres." *Overgedrukt uit de Psychiatrische en Neurologische Bladen* (1936): 3-16.
- Ariens Kappers, C.U. "Neurobiotactic influences in the arrangement of midbrain and 'tween-brain centres." *Proceedings XLIV* (1941): 130-39.
- Ariens Kappers, C.U. "The oculomotor nucleus of the electric stargazers: *Astroscopus guttatus* and *Astroscopus y-graecum*." *Proceedings XLIV* (1941): 369-77.
- Ariens Kappers, C.U. "Introductory note on the phylogenetic and ontogenetic development of the Cortex cerebri." *Proceedings XLIV* (1941): 521-28.



- Ariens Kappers, C.U. "The Mammalian homologues of the dorsal thalamic nuclei of Reptiles." *Proceedings XLV* (1942): 309-16.
- Aronson, Lester, and G. Kingsley Noble. "The Sexual Behavior of Anura." *Bulletin of the American Museum of Natural History* 86 (1945): 87-139.
- Aston-Jones, Gary, Matthew Ennis, Vincent A. Pieribone, W. Thompson Nickell, Michael T. Shipley. "The Brain Nucleus Locus Coeruleus: Restricted Afferent Control of a Broad Efferent Network." *Science* 234 (Nov. 7, 1986): 734-37.
- Atchley, William R., Erik V. Nordheim, Fields C. Gunsett, and Peter L. Crump. "Geometric and Probabalistic Aspects of Statistical Distance Functions." *Syst. Zool.* 31 (1982): 445-60.
- Aulen, Edward L. "The Cranial Nerves of the Yellow Rat Snake *Elaphe Osoleta Quadrivittata*." Thesis, University of Wisconsin Madison (May 1973).
- Ayers, Howard and C.M. Jackson. "Morphology of the Myxinoidei." *Bulletin of Cincinnati University* 1 (1900): 5-15.

00002: Bagley—Bishop

- Bagley, Charles. "Cortical Motor Mechanism of the Sheep Brain." *Archives of Neurology and Psychiatry* VII (April 1922): 417-53.
- Bagley, Charles and Orthello R. Langworthy. "The Forebrain and Midbrain of the Alligator with Experimental Transections of the Brain Stem." *Archives of Neurology and Psychiatry* 16 (1926): 154-66.
- Bailey, Percival, J.G. Dusser de Barenne, Hugh W. Garol, and W.S. McCulloch. "Sensory Cortex of Chimpanzee." *J. Neurophysiol.* 3 (1940): 469-85.
- Bailey, Percival, Gerhardt von Bonin, Hugh W. Garol, and Warren S. McCulloch. "Long Association Fibers in Cerebral Hemispheres of Monkey and Chimpanzee." *J. Neurophysiol.* 6 (1943): 129-34.
- Bailey, Percival and Frederic Bremer. "A Sensory Cortical Representation of the Vagus Nerve." *J. Neurophysiol.* 1 (Sept. 1938): 405-12.
- Bailey, Percival, Gerhardt von Bonin, Hugh w. Garol, and Warren McCulloch. "Functional Organization of Temporal Lobe of Monkey and Chimpanzee." *J. Neurophysiol.* 6 (1943): 121-28.
- Baird, Irwin L. "Some Aspects of the Comparative Anatomy and Evolution of the Inner Ear in Submammalian Vertebrates." *Brain, Behavior and Evolution* 10 (1974): 11-36.
- Baker, R.E. and A. Ph. J. Richter. "A Light and Electron Microscopic Examination of Dorsal Root Afferent Development in Three Species of Anurans." *Neuroscience* 1 (1976): 367-70.



- Baker-Cohen, K. France. "Comparative Enzyme Histochemical Observations on Submammalian Brains." *Advances in Anatomy Embryology and Cell Biology* 1968): 1-70.
- Bando, Takehiko. "Synaptic Organization in Teleost Spinal Motoneurons." *Jap. J. Physiol.* 25 (1975): 317-31.
- Bangma, G.C. and H.J. Ten Donkelaar. "Cerebellar Efferents in the Lizard *Varanus exanthematicus*. I. Corticonuclear Projections." *The Journal of Comparative Neurobiology* 228 (1984): 447-59.
- Bangma, G.C. and H.J. Ten Donkelaar. "Some Afferent and Efferent Connections of the Vestibular Nuclear Complex in the Red-Eared Turtle *Psudemys scripta elegans*." *The Journal of Comparative Neurobiology* 220 (1983): 453-64.
- Bardeem, Charles R. "The Bimeric Distribution of the Spinal Nerves in Elasmobranchii and Urodela." *Proceedings Assoc. Amer. Anatomists, Seventeenth Session* (Dec. 1903) in *American Journal of Anatomy* III (1 page abstract).
- Barker, Lewellys F. "The Neurons." *Journal of the American Medical Association* (March 31 and April 7, 1906): 1-36.
- Barthelemez, George William and Normand L. Hoerr. "The vestibular endings in *Ameriurus*." *The Journal of Comparative Neurology* 57 (1933): 401-28.
- Bartley, S. Howard and Peter Heinbecker. "The Response of the Sensorimotor Cortex to Stimulation of a Peripheral Nerve." *The American Journal of Physiology* 121 (Jan. 1938): 21-31.
- Bass, Andrew H., Michael B. Pritz, and R. Glenn Northcutt. "Effects of telencephalic and tectal ablations on visual behavior in the side-necked turtle, *Podocnemis unifilis*." *Brain Research* 55 (1973): 455-60.
- Bauchot, R. and H. Stephan. "Le poids encephalique chez les Insectivores Malgaches." *Acta Zoologica* (1964): 63-75.
- Bell, E. T. "Some Experiments on the Development and Regeneration of the Eye and the Nasal Organ in Frog Embryos." *Archiv fur Entwicklungsmechanik der Organismen* XXIII (1907): 457-78.
- Bennett, Michael V.L. "Modes of Operation of Electric Organs." *Annals of the New York Academy of Sciences* 94 (Sept. 6, 1961): 458-509.
- Bishop, George H. "The Relation Between Nerve Fiber Size and Sensory Mobility; Phylogenetic Implications of the Afferent Innervation of Cortex." *The Journal of Nervous and Mental Disease* 128 (Feb. 1959): 89-114.
- Bishop, Mabel. "The Nervous System of a Two-Headed Pig Embryo." *Journal of Comparative Neurology* 32 (Feb. 1921): 379-428.



00003: Bodian—Butler

- Bodian, David. "A note on nodes of Ranvier in the central nervous system." *J. Compt. Neur.* 94 (June 1951): 475-483.
- Bodian, David, Edward C. Melby, Jr., and Naomi Taylor. "Development of Fine Structure and Spinal Cord in Monkey Fetuses." *J. Comp. Neur.* 133 (June 1968): 113-65.
- Bodian, David. "An Electron Microscopic Characterization of Classes of Synaptic Vesicles by Means of Controlled Aldehyde Fixation." *The Journal of Cell Biology* 44 (1970): 115-24.
- Bodian, David. "Neuron Junctions: A Revolutionary Decade." *The Anatomical Record* 174 (Sept. 1972): 1-9.
- Bodian, David. "Origin of Specific Synaptic Types in the Motoneuron Neuropil of the Monkey." *The Journal of Comparative Neurology* 159 (Jan. 15, 1975): 225-243.
- Bodznick, David and R. Glenn Northcutt. "An Electrosensory Area in the Telencephalon of the Little Skate, *Raja erinacea*." *Brain Research* 298 (1984): 117-24.
- Bookstein, Fred L. "Comment on a 'Nonequilibrium' Approach to Evolution." *Syst. Zool.* 32 (1983): 291-300.
- Boord, Robert L. and Harvey J. Karten. "The Distribution of Primary Lagenar Fibers within the Vestibular Nuclear Complex of the Pigeon." *Brain, Behavior and Evolution* 10 (1974): 228-35.
- Boord, Robert L. and R. Glenn Northcutt. "Medullary and Mesencephalic Pathways and Connections of Lateral Line Neurons of the Spiny Dogfish *Squalus acanthias*." *Brain Behav. Evol.* 32 (1988): 76-88.
- Boord, Robert L. and R. Glenn Northcutt. "Ascending Lateral Line Pathways to the Midbrain of the Clearnose Skate, *Raja eglanteria*." *The Journal of Comparative Neurology* 207 (1982): 274-82.
- Bowsher, David, Alf Brodal and Fred Walberg. "The Relative Values of the Marchi Method and Some Silver Impregnation Techniques." *Brain* 83 (1960): 150-60.
- Boycott, B.B. and R.W. Guillery. "Environmental Temperature and the Reptilian Nervous System." *Nature* 183 (Jan. 3, 1959).
- Braford, Mark R., Jr. and R. Glenn Northcutt. "Organization of the Dienchaphalon and Pretectum of the Ray-finned Fishes" in *Fish Neurobiology* (1983): 117-63.



- Brenowitz, Eliot A., Gary Rose and Robert R. Capranica. "Neural correlates of temperature coupling in the vocal communication system of the gray treefrog (*Hyla versicolor*)."
Brain Research 359 (1985): 364-67.
- Brinkman, R. and A.H. Martin. "A Cytoarchitectonic Study of the Spinal Cord of the Domestic Fowl *Gallus Gallus Domesticus*. I. Brachial Region." *Brain Research* 56 (1973): 43-62.
- Brodal, Alf, Kristian Kristiansen and Jan Jansen. "Experimental demonstration of a pontine homologue in birds." *J. Comp. Neur.* 92 (Feb. 1950): 23-70.
- Brodal, Alf. "Cerebellum Posture and Cerebral Palsy." *Little Club Clinics in Developmental Medicine* 8 (1958): 5-19.
- Brookhart, J.M. "Somatic Functions of the Central Nervous System." *Annual Review of Physiology* 16 (1954): 325-48.
- Browner, Robert H., Michael C. Kennedy and Thomas Facelle. "The Cytoarchitecture of the Torus Semicircularis in the Red-Eared Turtle." (proof with 10 figures)
- Browner, Robert H. and Kalman Rubinson. "The Cytoarchitecture of the Torus Semicircularis in the Tegu Lizard, *Tupinambis nigropunctatus*." *The Journal of Comparative Neurology* 176 (Dec. 15, 1977): 539-57.
- Bucy, Paul C. and Heinrich Kluver. "An anatomical investigation of the temporal lobe in the monkey." *J. Comp. Neur.* 103 (Oct. 1955): 151-252.
- Bullock, Theodore Holmes. "Cetacean Brain Research: Need for New Directions." In *Animal Sonar Systems* (New York: Plenum Press, 1980).
- Burr, H. Saxton. "Regeneration in the Brain of *Amblystoma*." *The Journal of Comparative Neurology* 26 (April 1916): 203-11.
- Butler, Ann B. and Sven O.E. Ebbesson. "A Golgi Study of the Optic Tectum of the Tegu Lizard, *Tupinambis nigropunctatus*." *Journal of Morphology* 146 (June 1975): 215-28.
- Butler, Ann B. and R. Glenn Northcutt. "Ascending tectal efferent projections in the lizard *Iguana iguana*." *Brain Research* 35 (1971); 597-601.
- Butler, Ann B. and Laura L. Bruce. "Nucleus Laminaris of the Torus Semicircularis: Projection to Spinal Cord in Reptiles." *Neuroscience Letters* 25 (1981): 221-25.
- Butler, Ann B. "Chordate Evolution and the Origin of Craniates: An Old Brain in a New Head." *The Anatomical Record* 261 (2000): 111-25.



00004: Theodore H. Bullock

- Bibliography: Publications from the Laboratory of Theodore H. Bullock (1970-1979), Neurobiology Unit, Scripps Institution of Oceanography and Department of Neurosciences.
- Bibliography: Publications from the Laboratory of Theodore H. Bullock (1980-April 1985), Neurobiology Unit, Scripps Institution of Oceanography and Department of Neurosciences.
- Bullock, Theodore Holmes. "Reassessment of Neural Connectivity and Its Specification." In *Information Processing in the Nervous System* (1980): 199-220.
- Bullock, Theodore Holmes. "A Comparative Neurologist's View of Signals and Signs in the Nervous System." In *Advances In Physiology Sciences Symposium: Neural Communication and Control* (1980).
- Bullock, Theodore Holmes. "Neuroethology Deserves More Study of Evoked Responses." *Neuroscience* 6 (1981): 1203-15.
- Bullock, Theodore Holmes. "Comparisons of the Electric and Acoustic Senses and Their Processing." *Proceedings in Life Sciences* (1981); 525-71.
- Bullock, Theodore Holmes. "Spikeless neurons: where do we go from here?" *Neurons Without Impulses* (1981): 269-84.
- Bullock, Theodore Holmes. "Coding and Integration in Receptors and Central Afferent Systems." In *Sense Organs* (Glasgow: Blackie, 1981): 366-80.
- Bullock, Theodore Holmes. "Afterthoughts on Animal Minds." In *Animal Mind—Human Mind* (New York: Springer-Verlag, 1982): 407-14.
- Bullock, Theodore Holmes, Thomas J. O'Shea, and Michael C. McClune. "Auditory Evoked Potentials in the West Indian Manatee." *J. Comp. Physiol.* 148 (1982): 547-54.
- Bullock, Theodore Holmes and R. Glenn Northcutt. "A New Electroreceptive Test." *J Comp Physiol* 148 (1982): 345-52.
- Bullock, Theodore Holmes, R.G. Northcutt and D.A. Bodznick. "Evolution of electroreception." *Trends in NeuroSciences* 5 (1982): 50-53.
- Bullock, Theodore Holmes. "Electroreception." *Ann. Rev. Neurosci.* 5 (1982): 121-70.
- Bullock, Theodore Holmes. "Perspectives on the neuroethology of sensory convergences." In *Multimodal Convergences in Sensory Systems* (1983); 385-94.
- Bullock, Theodore Holmes. "Why Study Fish Brains? Some Aims of Comparative Neurology Today." In *Fish Neurobiology* (1983): 361-68.



- Bullock, Theodore Holmes. "Electrical Signs of Activity in Assemblies of Neurons." *Acta Morphologica Hungarica* 31 (1983): 39-62.
- Bullock, Theodore Holmes. "Neuroethological Role of Dynamic Traits of Excitable Cells: A Proposal for the Physiological Basis of Slothfulness in the Sloth." *The Physiology of Excitable Cells* (1983): 587-95.
- Bullock, Theodore H. "Epilogue: Neurobiological Roots and Neuroethological Sprouts." In *Neuroethology and Behavioral Physiology* (1983): 403-12.
- Bullock, Theodore H. "Implications for Neuroethology from Comparative Neurophysiology." In *Advances in Vertebrate Neuroethology* (1983): 53-75.
- Bullock, Theodore H., D.A. Bodznick, and R.G. Northcutt. "The Phylogenetic Distribution of Electoreception." *Brain Research Reviews* 6 (1983): 25-46.
- Bullock, Theodore H. and R. Glenn Northcutt. "Nervus Terminalis in Dogfish Carries Tonic Efferent Impulses." *Neuroscience Letters* 44 (1984): 155-60.
- Bullock, Theodore H. "Physiology of the Tectum Mesencephali in Elasmobranchs." In *Comparative Neurology of the Optic Tectum* (1984): 47-68.
- Bullock, Theodore H., Jean K. Moore, and R. Douglas Fields. "Evolution of Myelin Sheaths: Both Lamprey and Hagfish Lack Myelin." *Neuroscience Letters* 48 (1984): 145-48.
- Bullock, Theodore H. "Understanding Brains by Comparing Taxa." *Perspectives in Biology and Medicine* 27 (Summer 1984): 510-24.
- Bullock, Theodore H. "A Framework for Considering Basic Levels of Neural Integration." In *Cortical Integration* (1984): 27-36.
- Bullock, Theodore H. "Ongoing Compound Field Potentials From Octopus Brain are Labile and Vertebrate-Like." *Electoencephalography and Clinical Neurophysiology* 57 (1984): 473-83.
- Bullock, Theodore H. "Comparative Neuroethology of Startle, Rapid Escape, and Giant Fiber-Mediated Responses." In *Neural Mechanisms of Startle Behavior* (1984): 1-13.
- Bullock, Theodore H. "The Future of Comparative Neurology." *Amer. Zool.* 24 (1984): 693-700.
- Bullock, Theodore H. "Comparative Neuroscience Holds Promise for Quiet Revolutions." *Science* (Aug. 3, 1984): 473-78.



00005: Cabot—Cobb

- Cabot, John B., Emmeline Edwards, Noah Bogan and Nisson Schechter. "Alpha-2-adrenergic receptors in avian spinal cord: increases in apparent density associated with the sympathetic preganglionic cell column." *Journal of the Anatomical Nervous System* 11 (1984): 77-89.
- Campbell, C.B.G, David Yashon, and John A. Lane. "The Origin, Course and Termination of Coricospinal Fibers in the Slow Loris, *Nycticebus coucang*." *The Journal of Comparative Neurology* 127 (May 1966): 101-112.
- Campbell, C.B.G, John A. Lane, and David Yashon. "The Retinal Projections of the Tree Shrew and Hedgehog." *Brain Research* 5 (1967): 406-18.
- Campbell, C.B.G and S.O.E. Ebbesson. "The Optic System of a Teleost: *Holocentrus* Re-examined." *Brain, Behavior and Evolution* 2 (1969): 415-30.
- Campbell, C.B.G. "The Concept of Homology and the Evolution of the Nervous System." *Brain, Behavior and Evolution* 3 (1970): 353-67.
- Campbell, C.B.G and R.L. Boord. "Central Auditory Pathways of Nonmammalian Vertebrates." *Handbook of Sensory Physiology* (New York: Springer-Verlag, 1974): 337-62.
- Caston, J. and A. Bricout-Berthout. "Responses to Somatosensory Input by Afferent and Efferent Neurons in the Vestibular Nerve of the Frog." *Brain, Behavior and Evolution* 24 (1984): 135-43.
- Celio, Marco R., E.G. Gray, and G.M. Yasargil. "Ultrastructure of the Mauthner axon collateral and its synapses in the goldfish spinal cord." *Journal of Neurocytology* 8 (1979): 19-29.
- Charnay, Y., L. Leger, F. Dray, A. Berod, M. Jouvet, J.F. Pujol, and P.M. Dubois. "Evidence for the Presence of Enkephalin in Catcholminergic Neurones of Cat Locus Coeruleus." *Neuroscience Letters* 30 (1982): 147-51.
- Chase, M.R. and S.W. Ranson. "The Structure of the Roots, Trunk and Branches of the Vagus Nerve." *The Journal of Comparative Neurology* 24 (Feb. 1914): 31-60.
- Chibuzo, Gregory A. and John F. Cummings. "An Enzyme Tracer Study of the Organization of the Somatic Motor Center for the Innervation of Different Muscles of the Tongue." *The Journal of Comparative Neurology* 205 (1982): 273-81.
- Christensen, Burgess N. and James Quinn. "The relationship between some measures of synaptic ultrastructure as a function of distance from the soma on lamprey reticulospinal neurons." *Journal of Neurocytology* 8 (1979): 737-50.
- Christensen, Kermit. "The Morphology of the Brain of *Sphenodon*." *University of Iowa Studies in Natural History* XII (May 15, 1927): 3-29.



- Clare, Margaret H. and George H. Bishop. "Properties of Dendrites; Apical Dendrites of the Cat Cortex." *EEG Clin. Neurophysiol.* 7 (1955): 85-98.
- Clare, M.H. and G.H. Bishop, "Responses From an Association Area Secondarily Activated from Optic Cortex." *J. Neurophysiol.* 17 (1954): 271-77.
- Clarke, J. Lockhart. "Further Researches on the Grey Substance of the Spinal Cord." *Philos. Trans. Roy. Soc. London* 149 (1859) reprinted in *Cosmos* (March 1974): 437-67.
- Cobb, W. Montague. "Facial Mimetics as Cranial Nerve Mnemonics." *Journal of the National Medical Association* 64 (Sept. 1972): 385-96.

00006: George Ellett Coghill (1901-05) [1 of 2]

- Coghill, George Ellett. "The Rami of the Fifth Nerve in Amphibia." *The Journal of Comparative Neurology* XI (April 1901): 48-60.
- Coghill, George Ellett. "The Cranial Nerves of *Amblystoma Tigrinum*." *The Journal of Comparative Neurology* XII (1902): 207-89.
- Coghill, George Ellett. "Recent Studies on the Finer Structure of the Nerve Cell." *The Journal of Comparative Neurology and Psychology* XIV (April 1904): 171-202.
- Coghill, George Ellett. "Cranial Nerves of *Triton Taeniatus*." *The Journal of Comparative Neurology and Psychology* XVI (1906): 247-64.
- Coghill, George Ellett. "The Development of the Swimming Movement in Amphibian Embryos." *The Proceedings of the Association of American Anatomists in The Anatomical Record* II (July 1908): 148.
- Coghill, George Ellett. "Correlated Anatomical and Physiological Studies of the Growth of the Nervous System of Amphibia." *The Journal of Comparative Neurology* 24 (April 1914): 161-232.
- Coghill, George Ellett. "Preliminary Studies of Intracellular Digestion and Assimilation in Amphibian Embryos." *Science* XLII (Sept. 10, 1915): 347-50.
- Coghill, George Ellett. "Correlated Anatomical and Physiological Studies of the Growth of the Nervous System of Amphibia." *The Journal of Comparative Neurology* 26 (June 1916): 247-340.
- Coghill, George Ellett. "The development of the pronephros in relation to the behavior pattern in *Amblystoma*." *Anat. Rec.* 30 (July 1925): 321-25.
- Coghill, George Ellett. "The vascular system in relation to neuromuscular functions in the early development of *Amblystoma*." *Anat. Rec.* 28 (July 1925): 131-48.



00007: George Ellett Coghill (1926-1943) [2 of 2]

- Coghill, George Ellett. "The Growth of Functional Neurones and Its Relation to the Development of Behavior." *Proceedings of the American Philosophical Society* LXV (1926): 51-55.
- Coghill, George Ellett. "Correlated anatomical and physiological studies of the growth of the nervous system of Amphibia." *Jour. Comp. Neur.* 42 (October 1926): 1-14.
- Coghill, George Ellett. "Correlated anatomical and physiological studies of the nervous system of Amphibia." *Jour. Comp. Neur.* 40 (Feb. 1926): 47-87.
- Coghill, George Ellett. "The Development of Movement of the Hind Leg of Amblystoma." *Proceedings of the Society for Experimental Biology and Medicine* (1929): 74-75.
- Coghill, George Ellett. "The Genetic Interrelation of Instinctive Behavior and Reflexes." *Psychological Review* 37 (May 1930): 264-66.
- Coghill, George Ellett. "Correlated anatomical and physiological studies of the growth of the nervous system of Amphibia." *Jour. Comp. Anat.* 51 (Dec. 1930): 312-75.
- Coghill, George Ellett. "Individuation Versus Integration in the Development of Behavior." *The Journal of General Psychology* 3 (1930): 431-35.
- Coghill, George Ellett. "The Structural Basis of the Integration of Behavior." *Proceedings of the National Academy of Sciences* 16 (Oct. 1930): 637-43.
- Coghill, George Ellett and M.T. Caldwell. "Delayed Reproduction in Amblystoma Punctatum." *Proceedings of the Society for Experimental Biology and Medicine* (1930): 21-22.
- Coghill, George Ellett. "The Biologic Basis of Conflict in Behavior." *The Psychoanalytic Review* XX (Jan. 1933): 1-4.
- Coghill, George Ellett. "Correlated anatomical and physiological studies of the growth of the nervous system of Amphibia." *Jour. Comp. Neur.* 57 (April 1933): 327-45.
- Coghill, George Ellett. "Growth of a Localized Functional Center in a Relatively Equipotential Nervous Organ." *Archives of Neurology and Psychiatry* 30 (Nov. 1933): 1086-91.
- Coghill, George Ellett. "The Neuro-Embryologic Study of Behavior: Principles, Perspective and Aim." *Science* 78 (Aug. 18, 1933): 131-38.
- Coghill, George Ellett. "Somatic Myogenic Action in Embryos of Fundulus Heteroclitus." *Proceedings of the Society for Experimental Biology and Medicine* (1933): 62-64.
- Coghill, George Ellett. "Integration and Motivation of Behavior as Problems of Growth." *The Journal of Genetic Psychology* 48 (1936); 3-19.



- Coghill, George Ellett. "Correlated anatomical and physiological studies of the growth of the nervous system of Amphibia." *Jour. Comp. Neur.* 64 (June 1936): 135-67.
- Coghill, George Ellett. "Effects of Chilling on Structure and Behavior of Embryos of *Amblystoma punctatum* Cope." *Proceedings of the Society for Experimental Biology and Medicine* 35 (1936): 71-74.
- Coghill, George Ellett. "Space-Time as a Pattern of Psycho-Organismal Mentation." *The American Journal of Psychology* LI (Oct. 1938): 759-63.
- Coghill, George Ellett. "An Instance of Progressive Individuation in Visual Functions." *Science* 88 (Oct. 14, 1938): 351-52.
- Coghill, George Ellett. "Early Movement of the Opossum with Special Reference to the Walking Gait." *Proceedings of the Society for Experimental Biology and Medicine* 39 (1938): 31-35.
- Coghill, George Ellett. "Early Embryonic Somatic Movements in Birds and in Mammals Other Than Man." *Monographs of the Society for Research in Child Development* V (1940): 1-48.
- "G.E. Coghill, 1872-1941." *The Journal of Comparative Neurology* 75 (Oct. 1941): 191-98.
- "George Ellett Coghill." *Science* 94 (Aug. 29, 1941): 202-04.
- Coghill, George Ellett. "Periodicity in the development of the threshold of tactile stimulation in *Amblystoma*." *Jour. Comp. Neur.* 78 (April 1943): 91-111.
- Coghill, George Ellett. "Flexion spasms and mass reflexes in relation to the ontogenetic development of behavior." *Jour. Comp. Neur.* 79 (Dec. 1943): 463-86.

00008: Cohen—Craigie

- Cohen, David H., Thomas A. Duff and Sven O.E. Ebbesson. "Electrophysiological Identification of a Visual Area in Shark Telencephalon." *Science* 182 (Nov. 2, 1973): 492-94.
- Commissiong, John W. "Evidence that the noradrenergic coeruleospinal projection decussates at the spinal level." *Brain Research* 212 (1981): 145-51.
- Corner, M.A. and J.P. Schade. "Development Patterns in the Central Nervous System of Birds." *Progress in Brain Research* 26 (1967): 237-50.
- Correia, M.J., A.R. Eden, K.N. Westlund, J.D. Coulter. "A Study of Some of the Ascending and Descending Vestibular Pathways in the Pigeon (*Columba livia*) Using Anterograde Transneuronal Autoradiography." *Brain Research* 278 (1983): 53-61.



- Corvaja, N. and M. Pellegrini. "Ultrastructure of Dorsal Root Projections in the Toad Spinal Cord." *Arch. Ital. Biol.* 123 (1975): 122-49.
- Corvaja, N. and I. Grofova. "Vestibulospinal Projection in the Toad." *Progress in Brain Research* (1972): 297-307.
- Corwin, Jeffrey T., and R. Glenn Northcutt. "Auditory Centers in the Elasmobranch Brain Stem." *Brain Research* 236 (1982): 261-73.
- Corwin, Jeffrey T., Theodore H. Bullock and Jeff Schweitzer. "The Auditory Brain Stem Response in Five Vertebrate Classes." *Electroencephalography and Clinical Neurophysiology* 54 (1982): 629-41.
- Congdon, J.D., L.J. Vitt, and W.W. King. "Geckos: Adaptive Significance and Energetics of Tail Autotomy." *Science* 184 (June 28, 1974): 1379-80.
- Cowles, Raymond Bridgman and Charles Mitchell Bogert. "A Preliminary Study of the Thermal Requirements of Desert Reptiles." *Bulletin of the American Museum of Natural History* 83 (1944): 267-96.
- Cracraft, Joel. "A Nonequilibrium Theory for the Rate-Control of Speciation and Extinction and the Origin of Macroevolutionary Patterns." *Syst. Zool.* 31 (1982): 348-65.
- Craigie, E. Horne. "The cerebral cortex of Apteryx." *Anat. Anz.* 68 (1929): 97-105.
- Craigie, E. Horne. "The Vascularization of the Hypophysis in Tailed Amphibians." *Trans. R.S. Canada* (1938): 43-50.
- Craigie, E. Horne. "The Blood Vessels of the Brain Substance in Some Amphibians." *Proceedings of the American Philosophical Society* 78 (March 1938): 615-49.
- Craigie, E. Horne. "Vascularity in the Brain of the Frog." *The Journal of Comparative Neurology* 69 (Dec. 1938): 453-70.
- Craigie, E. Horne. "The Cerebral Cortex of Rhea Americana." *The Journal of Comparative Neurology* 70 (June 1939): 331-53.
- Craigie, E. Horne. "The Cerebral Cortex in Palaeognathine and Neognathine Birds." *The Journal of Comparative Neurology* 73 (Oct. 1940): 179-234.
- Craigie, E. Horne. "The Capillary Bed of the Central Nervous System of Dermophis." *Journal of Morphology* 67 (Nov. 1940): 477-87.
- Craigie, E. Horne. "Vascularization in the Brains of Reptiles." *Trans. R.S. Canada* (1941): 35-50.
- Craigie, E. Horne. "Vascularization in the Brains of Reptiles." *Journal of Anatomy* 76 (July 1942): 347-55.



- Craigie, E. Horne. "Vascularization in the Brains of Reptiles V. Notes on Some Snakes and Lizards." *An. Inst. Biol. Mex* XX (1949): 427-39.

00009: Crispino—Curtis

- Crispino, Luis and Theodore H. Bullock. "Cerebellum mediates modality-specific modulation of sensory responses of midbrain and forebrain in rat." *Proc. Natl. Acad. Sci.* 81 (May 1984): 2917-20.
- Crosby, Elizabeth Caroline and Tryphena Humphrey. "Studies of the vertebrate telecephalon." *Jour. Comp. Neur.* 71 (Aug. 1939): 121-213.
- Cruce, William L.R. and Rudolf Nieuwenhuys. "The Cell Masses in the Brain Stem of the Turtle *Testudo hermanni*; a Topographical and Topological Analysis." *Jour. Comp. Neur.* 156 (Aug. 1974): 277-306.
- Cruce, William L.R. and Judith A.F. Cruce. "Projections from the Retina to the Lateral Geniculate Nucleus and Mesencephalic Tectum in a Reptile (*Tupinambis nigropunctatus*)." *Brain Research* 85 (1975): 221-28.
- Cruce, William L.R. and Donald B. Newman. "Evolution of Motor Systems: The Reticulospinal Pathways." *Amer. Zool.* 24 (1984): 733-53.
- Curet, O., T. Dennis, and B. Scatton. "The formation of deaminated metabolites of dopamine in the locus coeruleus depends upon noradrenergic neuronal activity." *Brain Research* 335 (1985): 297-301.
- Currie, Julia and W.M. Cowan. "Evidence for the late development of the uncrossed retinothalamic projections in the frog, *Rana pipiens*." *Brain Research* 71 (1974): 133-39.
- Currie, Julia and W.M. Cowan. "The Development of the Retino-Tectal Projection in *Rana pipiens*." *Developmental Biology* 46 (1975): 103-19.
- Curtis, Arthur H. and Henry F. Helmholz. "A Study of the Anterior Horn Cells of an Abrachius and their Relation to the Development of the Extremities." *The Journal of Comparative Neurology* 21 (Aug. 1911): 323-43.

00010: Davenport—Dunn

- Davenport, C.B. "Note on the Carotids and the Ductus Botalli of the Alligator." *Bulletin of the Museum of Comparative Zoology* XXIV (Jan. 1893): 45-51.
- Davidovich, A. and J.V. Luco. "The Synaptic Transmission of Sympathetic Ganglia During Wallerian Degeneration." *Acta Physiologica Latinoamericana* 6 ((1956): 49-59.



- Defina, Anthony V. and Douglas B. Webster. "Projections of the Intraotic Ganglion to the Medullary Nuclei in the Tegu Lizard, *Tupinambis nigropunctatus*." *Brain, Behavior and Evolution* 10 (1974): 197-211.
- Defina, Anthony V. and Michael C. Kennedy. "The Cochlear Nuclei in Colubrid and Boid Snakes: A Qualitative and Quantitative Study." *Journal of Morphology* 178 (1983); 285-301.
- Desmedt, J.E. "Electrical Activity and Intracellular Sodium Concentration in Frog Muscle." *Journal of Physiology* 121 (1953): 191-205.
- Desmedt, J.E. and G. La Grutta. "The Effect of Selective Inhibition of Pseudo-cholinesterase on the Spontaneous and Evoked Activity of the Cat's Cerebral Cortex." *Journal of Physiology* 136 (1957): 20-40.
- Desole, Carlo, Giovanni Palmieri, and Alba Veggetti. "A Trigeminal Monosynaptic Reflex in Reptilia." *Experimental Neurology* 32 (Aug. 1971): 287-94.
- Detwiler, S.R. and Henry Laurens. "Studies of the Retina: The Structure of the Retina of *Phrynosoma Cornutum*." *The Journal of Comparative Neurology* 32 (Dec. 1920): 347-56.
- Detwiler, S.R. "The Eye and Its Structural Adaptations." *Proceedings of the American Philosophical Society* 99 (Aug. 30, 1955): 224-38.
- Devanandan, M.S., Rosamond M. Eccles, and T. Yokota. "Depolarization of Afferent Terminals Evoked by Muscle Stretch." *J. Physiol.* 179 (1965): 417-29.
- Devanandan, M.S., Rosamond M. Eccles, and R.A. Westerman. "Single Motor Units of Mammalian Muscle." *J. Physiol.* 178 (1965): 359-67.
- Didier, Dominique. "The Chimaeroid Fishes: A Taxonomic Review with Notes on Their General Biology." *Chondros* 4 (Nov. 18, 1993): 1-6.
- Dieringer, N. and w. Precht. "Mechanisms of Compensation for Vestibular Deficits in the Frog." *Exp. Brain Res* 36 (1979): 311-28.
- Dieringer, N. and W. Precht. "Mechanisms of Compensation for Vestibular Deficits in the Frog." *Exp. Brain Res* 36 (1979): 329-41.
- Dodson, Ronald F. "s-Collidine as a Buffering System for Glutaraldehyed Perfusion of the Central Nervous System." *Journal of Neuropathology and Experimental Neurology* (Oct. 1971): 714-22.
- Donaldson, Henry H. "A Description of Charts Showing the Areas of the Cross Sections of the Human Spinal Cord at the Level of Each Spinal Nerve." *The Journal of Comparative Neurology* XIII (1903): 19-40.



- Donaldson, Henry H. "On a Law Determining the Number of Medullated Nerve Fibers Innervating the Thigh, Shank and Foot of the Frog—*Rana virescens*." *The Journal of Comparative Neurology* XIII (1903): 223-57.
- Donkelaar, H.J. Ten and R. de Boer-Van Huizen. "Cells of Origin of Propriospinal and Ascending Supraspinal Fibers in a Lizard (*Lacerta galloti*)." *Neuroscience Letters* 9 (1978): 285-90.
- Dubbeldam, Jacob L. "Afferent Connections of Nervus facialis and Nervus glossopharyngeus in the Pigeon and Their Role in Feeding Behavior." *Brain, Behavior and Evolution* 24 (1984): 47-57.
- Dunn, Elizabeth Hopkins. "The Number and Size of the Nerve Fibers Innervating the Skin and Muscles of the Thigh in the Frog." *The Journal of Comparative Neurology* X (May 1900): 218-42.
- Dunn, Elizabeth Hopkins. "On the Number and on the Relation between Diameter and Distribution of the Nerve Fibers Innervating the Leg of the Frog, *Rana virescens brachycephala*, Cope." *The Journal of Comparative Neurology* XII (1902): 297-328.
- Dunn, Elizabeth Hopkins. "A Statistical Study of the Medullated Nerve Fibers Innervating the Legs of the Leopard Frog, *Rana pipiens*, After Unilateral Section of the Ventral Roots." *Journal of Comparative Neurology* 19 (1909): 685-720.

00011: Johannes Gregorius Dusser de Barenne (1932-41)

- Dusser de Barenne, J.G. and A. De Kleyn. "On reciprocal Innervation of the eye muscles in the tonic labyrinthine Reflexes." *Acta Oto-Laryngologica* XVI (1931): 97-116.
- Dusser de Barenne, J.G. and Y.D. Koskoff. "Flexor Rigidity of the Hind Legs and Priapism in the 'Secondary' Spinal Preparation of the Male Cat." *The American Journal of Physiology* 102 (Oct. 1932): 75-86.
- Dusser de Barenne, J.G. and Y.D. Koskoff. "The release of a copulation reflex pattern in the 'secondary' spinal cat." *The American Journal of Physiology* 101 (June 1932).
- Dusser de Barenne, J.G. "Laminar Destruction of the Nerve Cells of the Cerebral Cortex." *Science* 77 (June 2, 1933): 546-47.
- Dusser de Barenne, J.G. "The Mode and Site of Action of Strychnine in the Nervous System." *Physiological Review* XIII (July 1933): 325-35.
- Dusser de Barenne, J.G. "'Corticalization' of Function and Functional Localization in the Cerebral Cortex." *Archives of Neurology and Psychiatry* 30 (Oct. 1933): 884-901.
- Dusser de Barenne, J.G. and Warren S. McCulloch. "An 'Extinction' Phenomenon on Stimulation of the Cerebral Cortex." *Proceedings of the Society for Experimental Biology and Medicine* 32 (1934): 524-27.



- Dusser de Barenne, J.G. "The Disturbances after Laminar Thermocoagulation of the Motor Cerebral Cortex." *Brain* 57 ((1934): 517-26.
- Dusser de Barenne, J.G. "Further Observations on Flexor Rigidity in the Hindlegs of the Spinal Cat." *The American Journal of Physiology* 107 (Feb. 1934): 441-46.
- Dusser de Barenne, J.G. "Origin of Motor Reactions Produced by Electrical Stimulation of the Cerebral Cortex." *Archives of Neurology and Psychiatry* 31 (June 1934): 1129-37.
- Dusser de Barenne, J.G. and H.M. Zimmerman. "Changes in the Cerebral Cortex Produced by Thermocoagulation." *Archives of Neurology and Psychiatry* 33 (Jan. 1935): 123-31.
- Dusser de Barenne, J.G. "A Word of Criticism on the Designation 'Localization of Function in the Cerebral Cortex.'" *Archives of Neurology and Psychiatry* 33 (May 1935): 1081.
- Dusser de Barenne, J.G. "Central Levels of Sensory Integration." *Archives of Neurology and Psychiatry* 34 (Oct. 1935): 768-76.
- Dusser de Barenne, J.G. "Extinction as a Cortical Phenomenon." *Problems of Nervous Physiology and of Behavior* (1936): 15-18.
- Dusser de Barenne, J.G. "Functional Boundaries in the Sensori-Motor Cortex of the Monkey." *Proceedings of the Society for Experimental Biology and Medicine* 35 (1936): 329-31.
- Dusser de Barenne, J.G. "Simultaneous facilitation and extinction of motor response to stimulation of a single cortical focus." *Proceedings of the American Physiological Society in The American Journal of Physiology* 116 (June 1936): 39-40.
- Dusser de Barenne, J.G. "Local Stimulatory Inactivation Within the Cerebral Cortex, the Factor for Extinction." *The American Journal of Physiology* 118 (March 1937): 510-24.
- Dusser de Barenne, J.G. "Sensori-motor cortex and thalamus opticus." *The American Journal of Physiology* 119 (June 1937): 263.
- Dusser de Barenne, J.G. "Sensory Functions of the Optic Thalamus of the Monkey (Macacus rhesus)." *Archives of Neurology and Psychiatry* 38 (Nov. 1937): 913-26.
- Dusser de Barenne, J.G. "Functional Organization in the Face-Subdivision of the Sensory Cortex of the Monkey (*Macaca mulatta*)." *Journal of Neurophysiology* I (Sept. 1938): 436-41.
- Dusser de Barenne, J.G. "The Method of Laminar Thermocoagulation of the Cerebral Cortex." *Yale J. Biol & Med* 10 (1938): 573-76.
- Dusser de Barenne, J.G. "Functional Organization in the Sensory Cortex of the Monkey (*Macaca mulatta*)." *Journal of Neurophysiology* I (Jan. 1938): 69-85.



- Dusser de Barenne, J.G. "The Direct Functional Interrelation of the Sensory Cortex and Optic Thalamus." *Journal of Neurophysiology* I (March 1938): 176-86.
- Dusser de Barenne, J.G. "Sensory Cortex, Nucleus Caudatus and Thalamus Opticus." *Journal of Neurophysiology* I (July 1938): 364-77.
- Dusser de Barenne, J.G. and W.S. McCulloch. "The Sensory Cortex of the Chimpanzee." *Proceedings of the Society for Experimental Biology and Medicine* 42 (1939): 27-29.
- Dusser de Barenne, J.G. and W.S. McCulloch. "Suppression of motor response upon stimulation of area 4-s of the cerebral cortex." *The American Journal of Physiology* 126 (July 1939): 482.
- Dusser de Barenne, J.G. and W.S. McCulloch. "Factors for Facilitation and Extinction in the Central Nervous System." *Journal of Neurophysiology* II (July 1939): 319-55.
- Dusser de Barenne, J.G. and W.S. McCulloch. "Physiological Delimitation of Neurones in the Central Nervous System." *The American Journal of Physiology* 127 (Nov. 1939): 620-28.
- Dusser de Barenne, J.G. "The sensory cortex of the chimpanzee's brain." *Science* 90 (Nov. 3, 1939): 403-04.
- "Johannes Gregorius Dusser de Barenne, 1885-1940." *Yale J. Biol & Med* 12 (1940): 743-46.
- "J.G. Dusser de Barenne 1885-1940." *Journal of Neurophysiology* III (July 1940): 283-92.
- Dusser de Barenne, J.G. "Physiological Neuronography of the Cortico-Striatal Connections." *Research Publications of The Association for Research in Nervous and Mental Diseases* 21 (1941): 246-66.
- Dusser de Barenne, J.G., Hugh W. Garol, and W.S. McCulloch. "The 'Motor' Cortex of the Chimpanzee." *Journal of Neurophysiology* IV (June 9, 1941): 287-330.

00012: Ebbesson—Eccles

- Ebbesson, Sven O.E. and Douglas B. Tang. "A Comparison of Sampling Procedures in a Structured Cell Population." *Proceedings of the Second International Congress for Stereology* (1967): 131-32.
- Ebbesson, Sven O.E. and John S. Ramsey. "The Optic Tracts of Two Species of Sharks." *Brain Research* 8 (1968): 36-53.
- Ebbesson, Sven O.E. "A connection between the dorsal column nuclei and the dorsal accessory olive." *Brain Research* 8 (1968): 393-97.
- Ebbesson, Sven O.E. "Retinal Projections in Two Teleost Fishes." *Brain, Behavior and Evolution* I (1968): 134-54.



- Ebbesson, Sven O.E. "Brain Stem Afferents From the Spinal Cord in a Sample of Reptilian and Amphibian Species." *Annals of the New York Academy of Sciences* 167 (Oct. 24, 1969): 80-101.
- Ebbesson, Sven O.E. and Kalman Rubinson. "A Simplified Nauta Procedure." *Physiology and Behavior* 4 (1969): 281-82.
- Ebbesson, Sven O.E. "Projections of the Olfactory Tract Fibers in the Nurse Shark." *Brain Research* 17 (1970): 47-55.
- Eccles, J.C. "The Effect of Frequency of Activation on Transmission Across Synapses." *Bioelectrogenesis, Proceedings of the Symposium on Comparative Bioelectrogenesis* (1960): 297-309.
- Eccles, J.C. "Inhibitory Pathways to Motoneurons." *Nervous Inhibitions: Proceedings of an International Symposium* (1961): 47-60.
- Eccles, J.C. "Origin and Blockade of the Synaptic Responses of Curarized Sympathetic Ganglia." *J. Physiol.* 157 (1961): 484-503.
- Eccles, J.C., J.I. Hubbard and O. Oscarsson. "Intracellular Recording From Cells of the Ventral Spinocerebellar Tract." *J. Physiol.* 158 (1961): 486-516.
- Eccles, J.C., W. Kozak, and F. Magni. "Dorsal Root Reflexes of Muscle Group I Afferent Fibres." *J. Physiol.* 159 (1961): 128-46.
- Eccles, J.C., R.M. Eccles, and C.N. Shealy. "An Investigation Into the Effect of Degenerating Primary Afferent Fibres on the Monosynaptic Innervation of Motoneurons." *J. Neurophysiol.* 25 (1962): 544-58.
- Eccles, J.C., P.G. Kostyuk, and R. F. Schmidt. "The Effect of Electric Polarization of the Spinal Cord on Central Afferent Tubes and on Their Excitatory Synaptic Action." *J. Physiol.* 162 (1962): 138-50.
- Eccles, J.C., Rosamond M. Eccles, and W. Kozak. "Further Investigation on the Influence of Motoneurons on the Speed of Muscle Contraction." *J. Physiol.* 163 (1962): 324-339.
- Eccles, J.C., R.M. Eccles, C.N. Shealy, and W.D. Willis. "Experiments Utilizing Monosynaptic Excitatory Action on Motoneurons for Testing Hypotheses Relating to Specificity of Neuronal Connections." *J. Neurophysiol.* 25 (1962): 559-80.
- Eccles, Rosamond M., W. Kozak, and R.A. Westerman. "Enhancement of Spinal Monosynaptic Reflex Responses After Denervation of Synergic Hind-Limb Muscles." *Experimental Neurology* 6 (1962): 451-64.
- Eccles, J.C., R.F. Schmidt, and W.D. Willis. "Depolarization of Central Terminals of Group Ib Afferent Fibers of Muscle." *J. Neurophysiol.* 26 (1963): 1-27.



- Eccles, J.C. "Postsynaptic and Presynaptic Inhibitory Actions in the Spinal Cord." *Progress in Brain Research I* (1963): 1-18.
- Eccles, J.C., R.F. Schmidt, and W.D. Willis. "Inhibition of Discharges into the Dorsal and Ventral Spinocerebellar Tracts." *J. Neurophysiol.* 26 (1963): 635-45.
- Eccles, J.C., R.F. Schmidt, and W.D. Willis. "Depolarization of the Central Terminals of Cutaneous Afferent Fibers." *J. Neurophysiol.* 26 (1963): 646-61.
- Eccles, J.C. "Modes of Communications Between Nerve Cells." *The Australian Academy of Science Year book* (1963): 87-107.
- Eccles, J.C. "Presynaptic Inhibition from Contralateral Cutaneous Afferent Fibres." *Acta Physiol. Scand.* (1964): 464-73.
- Eccles, J.C., F.R.S., Rosamond M. Eccles, and M. Ito. "Effects of intracellular potassium and sodium injections on the inhibitory postsynaptic potential." *Proceedings of the Royal Society* 160 (1964): 181-96.
- Eccles, J.C., F.R.S., Rosamond M. Eccles, and M. Ito. "Effects produced on inhibitory postsynaptic potential by the coupled injections of cations and anions into motoneurons." *Proceedings of the Royal Society* 160 (1964): 197-210.
- Eccles, J.C. and J.P. Schade. "Comparative Anatomy of the Spinal Cord." *Progress in Brain Research II* (1964): 1-57.
- Eccles, J.C. "The Controls of Sensory Communication to the Brain." *Australasian Annals of Medicine* 13 (May 1964): 102-13.
- Eccles, Rosamond M. "Interneurons activated by higher threshold group I muscle afferents." *Studies in Physiology* (New York: Springer-Verlag, 1965): 59-64.
- Eccles, J.C. "Conscious Experience and Memory." *Pontificiae Academiae Scientiarum Scripta Varia* (1965): 469-513.
- Eccles, J.C. "Inhibition in Thalamic and Cortical Neurones and its Role in Phasing Neuronal Discharges." *Epilepsia* 6 (1965): 89-115.
- Eccles, J.C. "The Control of Neuronal Activity by Postsynaptic Inhibitory Action." *Excerpta Medica International Congress* (Sept. 1965): 84-95.
- Eccles, J.C. "Funktionsweisen des neuronalen Mechanismus im Zentralnervensystem." *Naturwissenschaftliche Rundschau* (April 1967): 139-51.



00013: Edwards—Fernandez-Moran

- Edwards, C. "The Blocking Effect of γ -Aminobutyric Acid (Gaba) and the Action of Related Compounds on Single Nerve Cells." *Journal of Neurochemistry* 4 (1959): 19-30.
- Ekstrom, Peter, Lena Nyberg, and Theo Van Veen. "Ontogenetic Development of Serotonergic Neurons in the Brain of a Teleost, the Three-Spined Stickleback." *Developmental Brain Research* 17 (1985): 209-24.
- Ekstrom, Peter and Sven O.E. Ebbesson. "Distribution of Serotonin-Immunoreactive Neurons in the Brain of Sockeye Salmon Fry." *Journal of Chemical Neuroanatomy* 2 (1989): 201-13.
- Eldredge, Niles. "Phenomenological Levels and Evolutionary Rates." *Syst. Zool.* 31 (1982): 338-47.
- Emmers, R. "The Effects of Brain-Stem Stimulation on Hind-Leg Movements in the Hooded Rat." *Experimental Neurology* 1 (June 1959): 171-86.
- Erulkar, S.D., J.M. Sprague, B.L. Whitsel, S. Dogan, P.J. Jannetta. "Organization of the Vestibular Projection to the Spinal Cord of the Cat." *J. Neurophysiol.* 29 (1966): 626-64.
- Estes, Richard and Llewellyn I. Price. "Iguanid Lizard from the Upper Cretaceous of Brazil." *Science* 180 (May 18, 1973): 748-51.
- Eyzaguirre, C. and J.V. Luco. "Neuromuscular Alterations Produced by Motor-Nerve Section." *Acta Physiologica Latinoamericana* 3 (1953): 91-95.
- Eyzaguirre, Carlos. "Functional Organization of Neuromuscular Spindle in Toad." *J. Neurophysiol.* 20 (1957): 523-43.
- Eyzaguirre, Carlos. "Modulation of Sensory Discharges by Efferent Spindle Excitation." *J. Neurophysiol.* 21 (1958): 465-80.
- Eyzaguirre, Carlos. "Efferent Control of Stretch Receptors." *Inhibitions of the Nervous System and γ -Aminobutyric Acid* (New York: Pergamon, 1960): 90-96.
- Fasolo, A., M.F. Franzoni, G. Gaudino, and H.W.M. Steinbusch. "The organization of serotonin-immunoreactive neuronal systems in the brain of the crested newt." *Cell Tissue Research* 243 (1986): 239-47.
- Feiss, Henry O. "An Investigation of Nerve Regeneration." *Quarterly Journal of Experimental Physiology* VII (1913): 31-52.
- Felten, David L., Alan M. Laties, and Malcolm B. Carpenter. "Monoamine-containing Cell Bodies in the Squirrel Monkey Brain." *The American Journal of Anatomy* 139 (1974): 153-66.



- Felten, David L. and John P. Cummings. "The Raphe Nuclei of the Rabbit Brain Stem." *The Journal of Comparative Neurology* 187 (1979): 199-244.
- Fernandez-Moran, Humberto. *La Organizacion Submicroscopica del Segmento Interanular de las Fibras Nerviosas Meduladas en los Vertbrados* Caracas: Litografia del Comercio, 1953.
- Fernandez-Moran, H. *Estudios Sobre la Organizacion Submicroscopica del Talamo*. Montevideo: Imprenta, 1955.

00014: Fernandez-Moran—Fuortes

- Fiebig, Eberhard. "Connections of the Corpus Cerebelli in the Thornback Guitarfish." *The Journal of Comparative Neurology* 268 (1988): 567-83.
- Finger, T.E. and T.H Bullock. "Thalamic Center for the Lateral Line System in the Catfish *Ictalurus nebulosus*." *Journal of Neurobiology* 13 (1982): 39-47.
- Fink, Robert P. and Lennart Heimer. "Two Methods for Selective Silver Impregnation of Degenerating Axons and Their Synaptic Endings in the Central Nervous System." *Brain Research* 4 (1967): 369-74.
- Finkenstadt, Thl, S.O.E. Ebbesson, and J.-P. Ewert. "Projections to the midbrain tectum in *Salamandra salamandra* L." *Cell Tissue Research* 234 (1983): 39-55.
- Fish, Pierre A. *The Central Nervous System of Desmognathus Fusca*. Boston: Ginn & Company, 1895.
- Fitch, Walter M. "Toward Defining the Course of Evolution: Minimum Change for a Specific Tree Topology." *Systematic Zoology* 20 (1971): 406-16.
- Fite, Katherine V. "The Visual Fields of the Frog and Toad: A Comparative Study." *Behavioral Biology* 9 (1973): 707-18.
- Foster, Robert and William C. Hall. "The Connections and Laminar Organization of the Optic Tectum in a Reptile." *The Journal of Comparative Neurology* 163 (1975): 397-426.
- Fox, C.A., D.E. Hillman, K.A. Siegesmund, and L.A. Sether, "The Primare Globus Pallidus and its Feline and Avian Homologues," in Hassler, R. and H. Stephan. *Evolution of the Forebrain: Phylogenesis and Ontogenesis of the Forebrain*. Stuttgart: Georg Thieme Verlag, 1966.
- Frank, K and M.G.F. Fuortes. "Accommodation of Spinal Motoneurons of Cats." *Arch. Ital. Biol.* 98 (1960): 165-70.
- Fukushima, K., N.G. Pitts, and B.W, Peterson. "Direct Excitation of Neck Motoneurons by Interstitiospinal Fibers." *Exp. Brain Res.* 33 (1978): 565-81.



- Fukushima, Kikuro, Naoki Hirai, and Samuel Rapoport. "Direct excitation of neck flexor motoneurons by the interstitiospinal tract." *Brain Research* 160 (1979): 358-62.
- Fulwiler, Carl E. and Clifford A. Saper. "Subnuclear Organization of the Efferent Connections of the Parabrachial Nucleus in the Rat." *Brain Research Reviews* 7 (1984): 229-59.
- Fuortes, M.G.F. "Activity of Single Motoneurons During Some Reflex Reactions of Mammals." *International Congress of Neurology* (Lisbon: 1953): 1-15.
- Fuortes, M.G.F. "Reflex activity of flexor motoneurons following excitation of cutaneous afferents." *Federation Proceedings* 13 (March 1954).
- Fuortes, M.G.F. "Dorsal root potential following repetitive stimulation and polarization." *Federation Proceedings* 13 (March 1954).
- Fuortes, M.G.F. "Direct Current Stimulation of Motoneurons." *Journal of Physiology* 126 (1954): 494-506.
- Fuortes, M.G.F. "Integrative Mechanisms in the Nervous System." *The American Naturalist* (July-Aug 1959): 213-24.

00015: Gacek—Guillery

- Gacek, Richard R. "Location of Brain Stem Neurons Projecting to the Oculomotor Nucleus in the Cat." *Experimental Neurology* 57 (1977): 725-49.
- Gacek, Richard R. "Location of Commissural Neurons in the Vestibular Nuclei of the Cat." *Experimental Neurology* 59 (1978): 479-91.
- Gacek, Richard R. "Location of Abducens Afferent Neurons in the Cat." *Experimental Neurology* 64(1979): 342-53.
- Gaffney, Eugene S. "A Revision of the Side-Necked Turtle *Taphrosphys sulcatus* (Leidy) from the Cretaceous of New Jersey." *American Museum Novitates* (April 4, 1975): 1-24.
- Gaffney, Eugene S. "A Taxonomic Revision of the Jurassic Turtles *Portlandemys* and *Plesiochelys*." *American Museum Novitates* (May 9, 1975): 1-19.
- Gaffney, Eugene S. "*Solnhofia parsonsi*, a New Cryptodiran Turtle from the Late Jurassic of Europe." *American Museum Novitates* (May 12, 1975): 1-25.
- Gaffney, Eugene S. "A Phylogeny and Classification of the Higher Categories of Turtles." *Bulletin of the American Museum of Natural History* 155 (1975): 387-436.
- Gage, Simon Henry. "Life-History of the Vermillion-Spotted Newt." *American Naturalist* (Dec. 1891): 1084-1110.



- Gans, Carl. "Questions in Crocodilian Physiology." *Zoologica Africana* 11 (1976): 241-48.
- Gelderd, John B. "Quantitative Anatomical and Behavioral Analyses of Regeneration and Collateral Sprouting Following Spinal Cord Transection in the Nurse Shark." *Acta Neurobiol. Exp.* 39 (1979): 121-42.
- Glees, P. and R.A. Bailey. "The Course and Relations of the Spino-Thalamic Tract in Man." *Report on the Eleventh Congress of Scandinavian Neurologists*. Copenhagen: Ejnar Munksgaard, 1951: 199-206.
- Glees, Paul. "Ludwig Edinger (1855-1918)." *J. Neurophysiol.* 15 (1952): 251-55.
- Gonzalez-Robles, Arturo and Silvio Glusman. "The Filum Terminale of the Frog Spinal Cord." *Cell Tissue Res.* 199 (1979): 519-28.
- Goodman, Morris, Mark L. Weiss, and John Czelusniak. "Molecular Evolution Above the Species Level; Branching Pattern, Rates and Mechanisms." *Syst. Zool.* 31 (1982): 376-99.
- Gorke, K., R. Necker, and W. Rautenberg. "Neurophysiological Investigation of Spinal Reflexes at Different Temperatures of the Spinal Cord in Birds and Reptiles." *Pflugers Arch.* 359 (1975): 269-71.
- Gould, Stephen Jay. "Unorthodoxies in the First Formulation of Natural Selection." *Evolution* 37 (1983): 856-58.
- Grafstein, B. "Functional Organization in Regeneration of Amphibian Visual Pathways." *Boletin del Instituto de Estudios Medicos y Biologicos* (1964): 217-30.
- Gregory, G.E. "Effect of Sodium Sulfite Purity on Color of Bodian Silver Staining of Insect Central Nervous System." *Stain Technology* 49 (1974): 401-05.
- Gregory, K.M. "Central Projections of the Eighth Nerve in Frogs." *Brain, Behavior and Evolution* 5 (1972): 70-88.
- Gregory, K.M. "The Stato-Acoustic Nuclear Complex and the Nucleus Cerebelli of the Frog." *Brain, Behavior and Evolution* 10 (1974): 146-56.
- Greenberg, Neil. "Thermoregulatory Aspects of Behavior in the Blue Spiny Lizard." *Behaviour* (1976): 1-21.
- Greenberg, Neil. "An Ethogram of the Blue Spiny Lizard." *Journal of Herpetology* 11 (1977): 177-95.
- Greenberg, Neil. "A Neuroethological Study of Display Behavior in the Lizard *Anolis Carolinensis*." *Amer. Zool.* 17 (1977): 191-201.
- Griffiths, Thomas A. "On the Phylogeny of the Glossophaginae and the Proper Use of Outgroup Analysis." *Syst. Zool.* 32 (1983): 283-85.



- Grigg, Gordon C. and Jennifer Alchin. "The Role of the Cardiovascular System in Thermoregulation of *Crocodylus Johnstoni*." *Physiological Zoology* 49 (Jan 1976): 24-36.
- Gruberg, Edward R., Earl Kicliter, Eric A. Newman, Leonard Kass, and Peter H. Hartline. "Connections of the Tectum of the Rattlesnake *Crotalus viridis*: An HRP Study." *The Journal of Comparative Neurobiology* 188 (1979): 31-42.
- Gruberg, Edward R. and William A. Harris. "The Serotonergic Somatosensory Projection to the Tectum of Normal and Eyeless Salamanders." *Journal of Morphology* 170 (1981): 55-69.
- Grundfest, Harry. "Electrophysiology and Pharmacology of Dendrites." *A Symposium of Dendrites* (Nov. 1958): 22-41.
- Grundfest, Harry. "Central Inhibition and Its Mechanism." *Inhibition in the Nervous System and γ -Aminobutyric Acid* (New York: Pergamon, 1960): 47-65.
- Guillery, R.W. "Visual Pathways in Albinos." *Scientific American* 230 (May 1974): 44-54.

Box 002:

00016: Hackett—Hardesty

- Hackett, J.T., S.L. Cochran, and D.L. Brown. "Functional properties of afferents which synapse on the Mathner neuron in the amphibian tadpole." *Brain Research* 176 (1979): 148-52.
- Hall, Jim and Albert S. Feng. "Neural Analysis of Temporally Patterned Sounds in the Frog's Thalamus." *Neuroscience Letters* 63 (1986): 215-20.
- Hall, W.C. "Visual Pathways to the Telencephalon in Reptiles and Mammals." *Brain, Behavior and Evolution* 5 (1972): 95-113.
- Halpern, Mimi and Natalie Frumin. "Retinal Projections in a Snake, *Thamnophis sirtalis*." *Journal of Morphology* 141 (1973): 359-82.
- Halpern, Mimi and Natalie Frumin. "Roles of the Vomeronasal and Olfactory Systems in Prey Attack and Feeding in Adult Garter Snakes." *Physiology & Behavior* 22 (1979): 1183-89.
- Halpern, Mimi and John L. Kubie. "Chemical Access to the Vomeronasal Organs of Garter Snakes." *Physiology & Behavior* 24 (1980): 367-71.
- Haluska, Frank and Pere Alberch. "The Cranial Development of *Elaphe obsoleta* (Ophidia Colubridae)." *Journal of Morphology* 178 (1983): 37-55.
- Hardesty, Irving. "The Number and Arrangement of the Fibers Forming the Spinal Nerves of the Frog (*Rana virescens*)." *The Journal of Comparative Neurology* IX (1899): 64-112.



- Hardesty, Irving. "Observations on the Medulla Spinalis of the Elephant with some Comparative Studies of the Intumescentia Cervicalis and the Neurons of the Columna Anterior." *The Journal of Comparative Neurology* XII (June 1902):125-82.
- Hardesty, Irving. "The Neuroglia of the Spinal Cord of the Elephant with Some Preliminary Observations upon the Development of Neuroglia Fibers." *The American Journal of Anatomy* II (Nov. 29, 1902): 81-103.
- Hardesty, Irving. "On the Development and Nature of the Neuroglia." *The American Journal of Anatomy* (July 1, 1904): 229-70.
- Hardesty, Irving. "On the Number and Relations of the Ganglion Cells and Medullated Nerve Fibers in the Spinal Nerves of Frogs of Different Ages." *The Journal of Comparative Neurology and Psychology* XV (1905): 17-56.
- Hardesty, Irving. "Observations on the Spinal Cord of the Emu and Its Segmentation." *The Journal of Comparative Neurology and Psychology* XV (1905): 81-97.

00017: Haring—Harrison

- Haring, John H. and James N. Davis. "Acetylcholinesterase Neurons in the Lateral Hypothalamus Project to the Spinal Cord." *Brain Research* 268(1983): 275-83.
- Harkman, W. "Cell Migrations in the Central Nervous System as Revealed in Experiments on Chick Embryos." *Report on the Eleventh Congress of Scandinavian Neurologists*. Copenhagen: Ejnar Munksgaard, 1951: 88-91.
- Harreveld, A van. "The Effect of Asphyxiation of the Spinal Cord on Pain Sensibility." *The American Journal of Physiology* 131 (Nov. 1940): 1-9.
- Harreveld, A van. "The Resistance of Central Synaptic Conduction to Asphyxiation." *The American Journal of Physiology* 133 (July 1941): 572-81.
- Harreveld, A van. "Metabolism of Asphyxiated Spinal Cord." *The American Journal of Physiology* 138 (Dec. 1942): 140-48.
- Harreveld, A van. "Tone and Tendon Reflexes after Asphyxiation of the Spinal Cord." *The American Journal of Physiology* 139 (Aug. 1943): 617-25.
- Harreveld, A van. "Survival of Reflex Contraction and Inhibition During Cord Asphyxiation." *The American Journal of Physiology* 141 (March 1944): 97-101.
- Harreveld, A van. "The Influence of Temperature on Spinal Cord Damage Caused by Asphyxiation." *The American Journal of Physiology* 142 (Aug. 1944): 32-39.
- Harreveld, A van. "Reflexes in the Anterior Tibial Muscle After Cord Asphyxiation." *The American Journal of Physiology* 142 (Oct. 1944): 428-34.



- Harreveld, A van. "Asphyxial Depolarisation in the Spinal Cord." *The American Journal of Physiology* 147 (Dec. 1946): 669-84.
- Harreveld, A van. "Effect of Ether and Pentobarbital on the Polarisation State of Central Nervous Elements." *The American Journal of Physiology* 150 (Oct. 1947): 541-50.
- Harreveld, A van And George A. Feigen. "Effect of Nicotine on Spinal Synaptic Conduction and on Polarisation of Spinal Cord." *J. Neurophysiol.* 11 (1948): 141-48.
- Harreveld, A van and George A. Feigen. "Effect of Some Drugs on the Polarization State of Spinal Cord Elements." *The American Journal of Physiology* 160 (March 1950): 451-61.
- Harreveld, A van, R.J. Foster, and G.D. Fasman. "Effect of Diphenyl Hydantoin (Dilantin) on Ether and Pentobarbital (Nembutal) Narcosis." *The American Journal of Physiology* 166 (Sept. 1951): 718-22.
- Harreveld, A van and Dan L. Lindsley. "Afferent Innervation of Blood Vessels in the Body Wall." *The American Journal of Physiology* 171 (Nov. 1952): 447-50.
- Harreveld, A van and H.M. Smith. "On a 'Sympathetic' Component in the Afferent Innervation of Trunk Dermatomes." *J. Neurophysiol.* 15 (1952): 313-18.
- Harrison, R.G. "Neue Versuche und Beobachtungen uber die Entwicklung der peripheren Nerven der Wirbeltiere." *Asu dem Anatomischen Institut zu Bonn* (1904): 1-7.
- Harrison, Ross G. "Observations on the Living Developing Nerve Fiber." *The Anatomical Record* VII (June 1, 1907): 116-18.
- Harrison, Ross Granville. "Experiments in Transplanting Limbs and Their Bearing Upon the Problems of the Development of Nerves." *The Journal of Experimental Zoology* IV (June 1907): 239-81.
- Harrison, Ross Granville. "The Development of Peripheral Nerve Fibers in Altered Surroundings." *Archiv fur Entwicklungsmechanik der Organismen* (1910): 15-33.

00018: Hatai—Herrick, C.L.

- Hatai, Shinkishi. "On the Origins of Neuroglia Tissue from the Mesoblast." *The Journal of Comparative Neurology* XII (1902): 291-96.
- Hatai, Shinkisai [sic]. "Preliminary Note on the Presence of a New Group of Neurones in the Dorsal Roots of the Spinal Nerves of the White Rat." *Biological Bulletin* III (1902): 140-42.
- Hatai, Shinkishi. "Number and Size of the Spinal Ganglion Cells and Dorsal Root Fibers in the White Rate at Different Ages." *The Journal of Comparative Neurology* XII (June 1902): 107-24.



- Hatai, Shinkishi. "Observations on the Developing Neurons of the Cerebral Cortex of Foetal Cats." *The Journal of Comparative Neurology* XII (June 1902): 199-205.
- Hatai, Shinkishi. "On the Increase in the Number of Medullated Nerve Fibers in the Ventral Roots of the Spinal Nerves of the Growing White Rat." *The Journal of Comparative Neurology* XIII (1903): 177-83.
- Hayle, T.H. "A Comparative Study of Spinal Projections to the Brain (except cerebellum) in Three Classes of Poikilothermic Vertebrates." *J. Comp. Neur.* (June 1973): 463-76.
- Hayle, T.H. "A Comparative Study of Spinocerebellar Systems in Three Classes of Poikilothermic Vertebrates." *J. Comp. Neur.* (June 1973): 477-96.
- Hebb, D.O. "Intelligence in Man After Large Removals of Cerebral Tissue: Defects Following Right Temporal Lobectomy." *The Journal of General Psychology* 21 (1939): 437-46.
- Hebb, D.O. "Intelligence in Man After Large Removals of Cerebral Tissue: Report of Four Left Frontal Lobe Cases." *The Journal of General Psychology* 21 (1939): 73-87.
- Hebb, D.O. "Human Behavior After Extensive Bilateral Removal from the Frontal Lobes." *Archives of Neurology and Psychiatry* 44 (Aug. 1940): 421-38.
- Hebb, D.O. "Human Intelligence After Removal of Cerebral Tissue from the Right Frontal Lobe." *The Journal of General Psychology* 25 (1941): 257-65.
- Hebb, D.O. "Man's Frontal Lobes." *Archives of Neurology and Psychiatry* 54 (July 1945): 10-24.
- Hedges, S. Blair. "Caribbean Biogeography: Implications of Recent Plate Tectonic Studies." *Syst. Zool.* 31 (1982): 518-22.
- Herrick, C.L. "Contributions to the Comparative Morphology of the Central Nervous System." From *The Journal of Comparative Neurology* (ca. 1900).

00019: Herrick, C. Judson—Ho

- Herrick, C. Judson. "A Study of the Vagal Lobes and Funicular Nuclei of the Brain of the Codfish." *The Journal of Comparative Neurology and Psychology* XVII (1907): 67-87.
- Herrick, C. Judson. "On the Commissura Infima and its Nuclei in the Brains of Fishes." *The Journal of Comparative Neurology and Psychology* XVIII (1908): 409-31.
- Herrick, C. Judson. "The Nervus Terminalis (Nerve of Pinkus) in the Frog." *The Journal of Comparative Neurology and Psychology* XIX (May 1909): 175-90.
- Herrick, C. Judson. "The Cerebellum of Necturus and Other Urodele Amphibia." *The Journal of Comparative Neurology* 24 (Feb. 1914): 1-29.



- Herrick, C. Judson. "The Medulla Oblongata of Larval Amblystoma." *The Journal of Comparative Neurology* 24 (Aug. 1914): 343-427.
- Herrick, C. Judson. "The Development of Reflex Mechanisms in Amblystoma." *The Journal of Comparative Neurology* 25 (Feb. 1915): 65-85.
- Herrick, C. Judson. "The Amphibian Forebrain." *The Journal of Comparative Neurology* 43 (June 1927): 231-323.
- Herrick, C. Judson. "The Evolution of Cerebral Localization Patterns." *Science* 78 (Nov. 10, 1933): 439-44.
- Herrick, C. Judson and George H. Bishop. "A Comparative Survey of the Spinal Lemniscus Systems." In *Reticular Formation of the Brain* (1958): 353-60.
- Hess, W.R. "The Mechanism of Sleep." *The American Journal of Psychology* 90 (Oct. 1929).
- Hess, W.R., K. Akert, and D.A. McDonald. "Functions of the Orbital Gyri of Cats." *Brain* 75 (1952): 244-59.
- Hess, R., W.P. Koella, and K. Akert. "Cortical and Subcortical Recordings in Natural and Artificially Induced Sleep in Cats." *EEG Clin. Neurophysiol.* 5 (1953): 75-90.
- Hicks, Samuel P., Constance J. D'Amato, Marie A. Coy, Elaine D. O'Brien, Jean M. Thurston, and David L. Joftes. "Migrating Cells in the Developing Nervous System Studied by Their Radiosensitivity and Tritiated Thymidine Uptake." *Fundamental Aspects of Radiosensitivity* (1961): 246-61.
- Himstedt, Werner and Gerhard Manteuffel. "Retinal projections in the caecilian *Ichthyophis kohtaoensis*." *Cell Tissue Res.* 239 (1985): 689-92.
- Hinsey, J.C. "The Functional Components of the Dorsal Roots of Spinal Nerves." *The Quarterly Review of Biology* VIII (Dec. 1933): 457-64.
- Ho, R.H. and A.L. LaValley. "5-Hydroxytryptamine in the Spinal Cord of the Domestic Fowl." *Brain Research Bulletin* 13 (1984): 427-31.

00020: Hoagland—Hooker

- Hoagland, Hudson. "Quantitative Aspects of Tonic Immobility in Vertebrates." *Proceedings of the National Academy of Sciences* 13 (Dec. 1927): 838-43.
- Hoagland, Hudson. "A Basis for Cutaneous Localization." *Journal of General Psychology* 6 (1932): 468-70.
- Hoagland, Hudson. "Specific Afferent Impulses and Cutaneous Sensibility." *The Journal of General Psychology* (1932): 276-95.



- Hoagland, Hudson. "Adaptation of Cutaneous Tactile Receptors, II." *The Journal of General Physiology* 18 (Nov. 20, 1934): 255-64.
- Hoagland, Hudson. "A humoral mechanism for peripheral sensory inhibition." *The American Journal of Physiology* 113 (Sept. 1935).
- Hoagland, Hudson. "Adaptation of Cutaneous Tactile Receptors." *The Journal of General Psychology* 19 (Nov. 20, 1935): 221-28.
- Hoagland, Hudson. "On the Mechanism of Adaptation (Peripheral Sensory Inhibition) of Mechanoreceptors." *Cold Spring Harbor Symposia on Quantitative Biology* IV (1936): 347-57.
- Hoagland, Hudson. "Adaptation of Cutaneous Tactile Receptors." *The Journal of General Psychology* 19 (July 20, 1936): 939-42.
- Hoagland, Hudson. "Adaptation of Cutaneous Tactile Receptors." *The Journal of General Psychology* 19 (July 20, 1936): 943-50.
- Hodge, Charles J., A. Vania Apkarian, Michael P. Owen, and Brian S. Hanson. "Changes in the effects of stimulation of locus coeruleus and nucleus raphe magnus following dorsal rhizotomy." *Brain Research* 288 (1983): 325-29.
- Hodos, William and C.B.G. Campbell. "Scala Naturae: Why There is No Theory in Comparative Psychology." *Psychological Review* 76 (1969): 337-50.
- Hoff, E.C. "The Distribution of the Spinal Terminals (Boutons) of the Pyramidal Tract, Determined by Experimental Degeneration." *Proceedings of the Royal Society* III (1932): 226-37.
- Holloway, Ralph L. "On the Meaning of Brain Size." Review of *Evolution of the Brain and Intelligence* by Harry J. Jerison. New York: Academic Press, 1973. In *Science* 184 (May 10, 1974): 677-79.
- Holtzer, Howard and Samuel R. Detwiler. "An experimental analysis of the development of the spinal column." *J. Exp. Zool.* 123 (July 1953): 335-69.
- Hooker, Davenport. "The effect of injury to the spinal cord of rats in prenatal stages." *The American Journal of Physiology* 81 (July 1927).
- Hooker, Davenport. "Early Fetal Activity in Mammals." *Yale J. Biol. & Med.* 8 (1936): 579-602.
- Hooker, Davenport. "The Origin of the Grasping Movement in Man." *Proceedings of the American Philosophical Society* 79 (1938): 597-606.
- Hooker, Davenport. "Fetal Behavior." *The Research Publications of the Association for Research in Nervous and Mental Disease* XIX (1939): 237-43.
- Hooker, Davenport. "Fetal Reflexes and Instinctual Processes." *Psychosomatic Medicine* IV (April 1942): 199-205.



- Hooker, Davenport. *The Origin of Overt Behavior*. Ann Arbor: The University of Michigan, 1944.
- Hooker, Davenport. "Early Human Fetal Behavior, with a Preliminary Note on Double Simultaneous Fetal Stimulation." *Genetics and the Inheritance of Integrated Neurological and Psychiatric Medicine* XXXIII (1954): 98-113.
- Hooker, Davenport. "Some results and deductions from a study of the development of human fetal behavior." *Gazeta Medica Portuguesa* (1954): 189-97.

00021: Huber, G. Carl

- Huber, G. Carl. "The Spinal Ganglia of Amphibia." *Anatomischer Anzeiger* XII (1896): 417-25.
- Huber, G. Carl. "Studies on Neuroglia Tissue." In *Contributions to Medical Research* (June 1903): 578-620.
- Huber, G. Carl and Elizabeth Caroline Crosby. "The nuclei and fiber paths of the avian diencephalon." *Jour. Comp. Neur.* 48 (June 15, 1929): 4-186.
- Huber, G. Carl and Elizabeth Caroline Crosby. "The reptilian optic tectum." *Jour. Comp. Neur.* 57 (Feb 15, 1933): 57-163.
- Huber, G. Carl. "Laboratory Notes." Reprints from *Journal of Applied Microscopy* I (1938) including: "The Methylen Blue Method for Staining Nerve Cells," 64-67; "Laboratory Notes," 156-57; "Notes on Microscopical Technique," 39-41; "Imbedding Tissues for Cutting Sections," 70-72.; "Section Cutting," 85-88; "Staining of Sections with the Solutions Described," 103-04; "Methods for Microscopic Examinations of Human Blood," 132-35.

00022: Huey—Humphrey

- Huey, Raymond B. and Montgomery Slatkin. "Cost and Benefits of Lizard Thermoregulation." *The Quarterly Review of Biology* 51 (Sept. 1976): 363-84.
- Hughes, Joseph and Herbert S. Gasser. "Some Properties of the Cord Potentials Evoked by a Single Afferent Volley." *The American Journal of Physiology* 108 (May 1934): 295-306.
- Hughes, Joseph and Herbert S. Gasser. "The Response of the Spinal Cord to Two Afferent Volleys." *The American Journal of Physiology* 108 (May 1934): 307-21.
- Humphrey, Trypena. "The development of the olfactory and the accessory olfactory formations in human embryos and fetuses." *Jour. Comp. Neur.* 73 (Dec. 16, 1940): 431-68.
- Humphrey, Trypena. "Primitive neurons in the embryonic human central nervous system." *Jour. Comp. Neur.* 81 (Aug. 1944): 1-45.



- Humphrey, Trypena. "Argentophile Cells in the Early Embryonic Human Pancreas." *Anat. Rec.* 103 (1949): 572 (abstract).
- Humphrey, Trypena. "The Trigeminal Nerve in Relation to Early Human Fetal Activity." *Genetics and the Inheritance of Integrated Neurological and Psychiatric Patterns* XXXIII (1954): 127-54.
- Humphrey, Trypena. "The spinal tract of the trigeminal nerve in human embryos between 7 ½ and 8 ½ weeks of menstrual age and its relation to early fetal behavior." *Jour. Comp. Neur.* 97 (Aug. 1952): 143-209.
- Humphrey, Trypena. "The Relation of Oxygen Deprivation to Fetal Reflex Arcs and the Development of Fetal Behavior." *The Journal of Psychology* 35 (1953): 3-43.
- Humphrey, Trypena. "Double simultaneous stimulation of human fetuses and the anatomical patterns underlying the reflexes elicited." *Jour. Comp. Neur.* 112 (June 1959): 75-102.

00023:

- Hunt, C.C. "The Effect of Sympathetic Stimulation on Mammalian Muscle Spindles." *J. Physiol.* 151 (1960): 332-41.
- Huntington, Geo. S. "The Development of the Lymphatic System in the Reptiles." *The Anatomical Record* 5 (1911): 261-76.
- Hursh, J.B. "Conduction Velocity and Diameter of Nerve Fibers." *The American Journal of Physiology* 127 (Aug. 1939): 131-39.
- Hursh, John B. "Relayed Impulses in Ascending Branches of Dorsal Root Fibers." *Journal of Neurophysiology* (March 1940): 166-74.
- Hussain, S. Taseer. "Evolutionary and Functional Anatomy of the Pelvic Limb in Fossil and Recent Equidae (Perissodactyla, Mammalia)." *Anat. Histol. Embryol.* 4 (1975): 179-222.
- Iijima, Tadahiko, Takeo Wasano, Takasuke Tagawa, and Andō Kōichi. "A Histochemical Study of the Innervation of Cerebral Blood Vessels in the Snake." *Cell and Tissue Research* 179 (1977): 143-155.
- Imai, H., D.A. Steindler, and S.T. Kitai. "The Organization of Divergent Axonal Projections from the Midbrain Raphe Nuclei in the Rat." *The Journal of Comparative Neurology* 243 (1986): 363-380.
- Ingle, David. "Evolutionary Perspectives on the Function of the Optic Tectum." *Brain, Behavior and Evolution Vol. 8, No. 3* (1973): 211-237.
- Ingle, David. "Two Visual Systems in the Frog." *Science Vol. 181* (1973): 1053-1055.



- Ingle, David. "Focal Attention in the Frog: Behavioral and Physiological Correlates." *Science Vol. 188* (1975): 1033-1035.
- Ingram, W.R., S.W. Ranson, F.I. Hannett, F.R. Zeiss, and E.H. Terwilliger. "Results of Stimulation of the Tegmentum with the Horsley-Clarke Stereotaxic Apparatus." *Archives of Neurology and Psychiatry Vol. 28* (1932): 513-541.
- Ingram, W.R., S.W. Ranson, and R. W. Barris. "The Red Nucleus" *Archives of Neurology and Psychiatry Vol. 31* (1934): 768-786.
- Jacobs, Myron S., P.J. Morgane, and Willard L. McFarland. "The Anatomy of the Brain of the Bottlenose Dolphin." *J. Comp. Neur.* 141 (Feb. 1971): 205-72.
- Jacobs, M.S., W.L. McFarland, and P.J. Morgane. "The Anatomy of the Brain of the Bottlenose Dolphin (*Tursiops truncatus*). Rhinic Lobe (Rhiencephalon): The Archicortex." *Brain Research Bulletin Vol. 4 Sup. 1* (1979): 1-108.

00024: Jacoby—Johnson

- Jacoby, Jean and Kalman Rubinson. "Efferent Projections of the Torus Semicircularis to the Medulla of the Tadpole, *Rana catesbeiana*." *Brain Research 292* (1984): 378-381.
- Jane, J.A., C.B.G. Campbell, and D. Yashon. "The Origin of the Corticospinal Tract of the Tree Shrew (*Tupaia glis*) with Observations on Its Brain Stem and Spinal Terminations." *Brain, Behavior, and Evolution, Vol. 2 No. 2* (1969): 160-182.
- Jane, J.A., and Dolores M. Schroeder. "A Comparison of Dorsal Column Nuclei and Spinal Afferents in the European Hedgehog (*Erinaceus europeaus*)." *Experimental Neurology, Vol. 30 No. 1* (1971): 1-17.
- Jasper, H.H., editor. "A Symposium on Dendrites: American Society of Electroencephalographers, The Annual George H. Bishop Lecture and Alumni Conference." *Electroencephalography and Clinical Neurophysiology, Supplement No. 10* (1958): 1-76.
- Jasper, H.H. "Electrical Activity of the Brain." *Annual Review of Physiology Vol. 3* (1941): 377-398.
- Jensen, J.A. "Dinosaur Eggs from the Upper Cretaceous North Horn Formation of Central Utah." *Brigham Young University Geology Studies Vol. 13* (1966): 55-68.
- Jensen, J.A. "Fossil Eggs from Utah and a Concept of Surviving Feathered Reptiles." *Proceedings of the Utah Academy of Sciences, Arts and Letters Vol. 46 Part 1* (1969): 125-133
- Jensen, J.A. "Fossil Eggs in the Lower Cretaceous of Utah." *Brigham Young University Geology Studies Vol. 17 Part 1* (1970): 51-65.



- Jensen, T.S. "Endogenous Antinociceptive Systems: Studies on Spinal and Supraspinal Modulating Mechanisms with Particular Reference to Monoaminergic and Opioid Systems." *Acta Neurologica Scandinavica Vol. 74 No. 108* (1986): 1-35.
- Jerison, H.J. "Brain Evolution and Dinosaur Brains." *The American Naturalist Vol. 103 No. 934* (1969): 575-588.
- Jernberg, N., B. Eng., and V.B. Brooks. "A Differential Screw Drive for Microelectrodes." *Electroencephalography and Clinical Neurophysiology 14* (1962): 931-933.
- Jhaveri, S., and E. Frank. "Central Projections of the Brachial Nerve in Bullfrogs: Muscle and Cutaneous Afferents Project to Different Regions of the Spinal Cord." *The Journal of Comparative Neurology 221* (1983): 304-312.
- Johnson, J.I., R.C. Switzer III, and J.A.W. Kirsch. "Phylogeny Through Brain Traits: The Distribution of Categorizing Characters in Contemporary Mammals." *Brain, Behavior, and Evolution 20* (1982): 97-117.
- Johnson, J.I., J.A.W. Kirch, and R.C. Switzer III. "Phylogeny through Brain Traits: Fifteen Characters Which Adumbrate Mammalian Genealogy." *Brain, Behavior, and Evolution 20* (1982): 72-83.

00025: Johnston—Joseph

- Johnston, J.B. "The Cranial Nerve Components of Pteromyzon." *Morphologischen Jahrbuch* (1905): 148-203.
- Johnston, J.B. "The Morphology of the Vertebrate Head from the Viewpoint of the Functional Divisions of the Nervous System." *The Journal of Comparative Neurology and Psychology Vol. 15 No. 3* (1905).
- Johnston, J.B. "Additional Notes on the Cranial Nerves of Petromyzonts." *The Journal of Comparative Neurology and Psychology Vol. 18 No. 6* (1906): 570-608.
- Johnston, J.B. "A New Method of Brain Dissection." *The Anatomical Record Vol. 2 No. 8* (1908): 345-358.
- Johnston, J.B. "The Telencephalon of Ganoids and Teleosts." *The Journal of Comparative Neurology Vol. 21 No. 6* (1911): 489-591.
- Jones, B.E., M. Paré, and A. Beaudet. "Retrograde Labeling of Neurons in the Brain Stem Following Injections of [³H]Choline into the Rat Spinal Cord." *Neuroscience Vol. 18 No. 4* (1986): 901-916.
- Joseph, B.S., and D.G. Whitlock. "Central Projections of Selected Spinal Dorsal Roots in Anuran Amphibians." *The Anatomical Record Vol 160 No. 2* (1968): 279-288.



00026: Kandel—King

- Kandel, E.R. and L. Tauc. "Mechanism of Prolonged Heterosynaptic Facilitation." *Nature* 202 (April 11, 1964): 145-47.
- Kandel, E.R. and L. Tauc. "Heterosynaptic Facilitation in Neurones of the Abdominal Ganglion of *Aplysia Depilans*." *J. Physiol.* 181 (1965): 1-27.
- Kandel, E.R. and L. Tauc. "Mechanism of Heterosynaptic Facilitation in the Giant Cell of the Abdominal Ganglion of *Aplysia Depilans*." *Jour. Physiol.* 181 (1965): 28-47.
- Kaplan, Harriett and Lester R. Aronson. "Function of Forebrain and Cerebellum in Learning in the Teleost *Tilapia Heudelotii Marcrocephala*." *Bulletin of the American Museum of Natural History* 142 (1969): 145-208.
- Karten, Harvey J. and Jacob L. Dubbeldam. "The Organization and Projections of the Paleostriatal Complex in the Pigeon (*Columba livia*)." *The Journal of Comparative Neurology* 148 (March 1, 1973): 61-90.
- Karten, Harvey J., William Hodos, Walle J.H. Nauta, and Alvin M. Revzin. "Neural Connections of the 'Visual Wulst' of the Avian Telencephalon." *The Journal of Comparative Neurology* 150 (Aug. 1, 1973): 253-78.
- Katz, Bernhard and Stephen W. Kuffler, "Multiple Motor Innervation of the Frog's Sartorius Muscle." *J. Neurophysiol.* 4 (1941): 209-23.
- Kawamura, Syosuke and Kahee Niimi. "Counterstaining of Nauta-Gygax Impregnated Sections with Cresyl Violet." *Stain Technology* 47 (1972): 1-6.
- Keenan, E. "The Phylogenetic Development of the Substantia Gelatinosa Rolandi." *Proceedings XXXI* (1928): 1-18.
- Kemali, M. "A Note on Unusual Fibres Locate in the Tectum Mesencephali of the Frog." *Brain, Behavior and Evolution* 4 (1971): 413-16.
- Kennedy, M.C. "Auditory Multiple-Unit Activity in the Midbrain of the Tokay Gecko." *Brain, Behavior and Evolution* 10 (1974): 257-64.
- Kennedy, Michael C. "HRP localization of the hypoglossal nucleus in a lizard." *Brain Research* 218 (1981): 331-36.
- Kicliter, E. "Flux, Wavelength and Movement Discrimination in Frogs: Forebrain and Midbrain Contributions." *Brain, Behavior and Evolution* 8 (1973): 340-65.
- Kimmel, Charles B., Susan L. Powell, and Walter K. Metcalf. "Brain Neurons Which Project to the Spinal Cord in Young Larvae of the Zebrafish." *The Journal of Comparative Neurology* 205 (1982): 112-27.



- King, Helen Dean. "The Effects of Various Fixatives on the Brain of the Albino Rat, with an Account of a Method of Preparing this Material for a Study of the Cells in the Cortex." *The Anatomical Record* 4 (June 1910): 213-44.
- King, Helen Dean. "The Effects of Formaldehyde on the Brain of the Albino Rat." *The Journal of Comparative Neurology* 23 (Aug. 1923):283-314.

00027: Kingsbury—Kluver

- Kingsbury, B.F. "On the Brain of Necturus Maculatus." *The Journal of Comparative Neurology* V (Dec. 1895): 140-203.
- Kingsbury, B.F. "The Structure and Morphology of Oblongata in Fishes." *The Journal of Comparative Neurology* VII (April 1897): 1-36.
- Kingsbury, B.F. "The Encephalic Evaginations in Ganoids." *The Journal of Comparative Neurology* VII (April 1897): 37-44.
- Kingsbury, B.F. "The Rank of Necturus Among Tailed Batrachia." *Biological Bulletin* VIII (Jan. 1905): 67-74.
- Kingsbury, B.F. "The Extent of the Floor-Plate of His and Its Significance." *The Journal of Comparative Neurology* 32 (Aug. 1920): 113-36.
- Kingsbury, B.F. "The development of the septum medullae (mammals: cat)." *Jour. Comp. Neur.* 60 (Aug. 1934): 81-109.
- Kluver, Heinrich. "The Equivalent of Stimuli in the Behavior of Monkeys." *The Pedagogical Seminary and Journal of Genetic Psychology* 39 (1931): 3-27.
- Kluver, Heinrich. "Certain Effects of Lesions of the Occipital Lobes in Macaques." *The Journal of Psychology* 4 (1937): 383-401.
- Kluver, Heinrich and Paul C. Bucy. "An Analysis of Certain Effects of Bilateral Temporal Lobectomy in the Rhesus Monkey with Special Reference to 'Psychic Blindness.'" *The Journal of Psychology* 5 (1938): 33-54.
- Kluver, Heinrich and Paul C. Bucy. "Preliminary Analysis of Functions of the Temporal Lobes in Monkeys." *Archives of Neurology and Psychiatry* 42 (Dec. 1939): 979-1000.
- Kluver, Heinrich. "Functional Significance of the Geniculo-Striate System." *Biological Symposia* VII (1942): 253-99.
- Kluver, Heinrich. "Brain Mechanisms and Behavior with Special Reference to the Rhinencephalon." *The Journal-Lancet* 27 (Dec. 1952): 567-77.



00028: Kolesarova—Kubie

- Kolesarova, Daniela and Pavel Petrovicky. "Parabrachial Nuclear Complex in the Rat (Nuclei Parabrachiales and Nucleus Koelliker-Fuse)." *J. Hirnforsch.* 28 (1987): 517-27.
- Kollros, Jerry J. "Localized Maturation of Lid-Closure Reflex Mechanism by Thyroid Implants into Tadpole Hindbrain." *Proceedings of the Society for Experimental Biology and Medicine* 49 (1942): 204-06.
- Kollros, Jerry J. "The convulsive effect of penicillin on an amphibian nervous system." *J. Cell and Comp. Physiol.* 29 (April 1946): 185-88.
- Kollros, Jerry J. "The Growth of Mesencephalic V Nucleus Cells as a Metamorphic Event in Anurans." *The Anatomical Record* 108 (Nov. 1950).
- Kollros, Jerry J. "Hormonal Control of the Size of Mesencephalic V Nucleus Cells in *Rana Pipiens*." *The Anatomical Record* 113 (Aug. 1952).
- Kollros, Jerry J. "The development of the optic lobes in the frog." *J. Exp. Zool.* 123 (June 1953): 153-88.
- Kollros, Jerry J. "Influence of Thiourea on Growth of Cells in Midbrain in Frogs." *Proceedings of the Society for Experimental Biology and Medicine* 95 (1957): 138-41.
- Kollros, Jerry J. "Hormonal Control of Onset of Corneal Reflex in the Frog." *Science* 128 (Dec. 12, 1958): 1505.
- Konorski, Jerzy. "Trends in the Development of Physiology of the Brain." *The Journal of Mental Science* 104 (Oct. 1958):1100-1110.
- Konorski, Jerzy. "Changing Concepts Concerning Physiological Mechanisms of Animal Motor Behavior." *Brain* 85 (1962): 277-94.
- Kostyk, Sandra K. and Paul Grobstein. "Visual Orienting Deficits in Frogs with Various Unilateral Lesions." *Behavioural Brain Research* 6 (1982): 379-88.
- Kremers, Jan-Wilhelm P.M. and Rudolf Nieuwenhuys. "Topological Analysis of the Brain Stem of the Crossopterygian fish *Latimeria chalumnae*." *The Journal of Comparative Neurology* 187 (Oct. 1, 1979): 613-38.
- Krieg, Wendell J.S. "Connections of the cerebral cortex." *J. Comp. Neur.* 84 (April 1946): 221-76.
- Krieg, Wendell J.S. "Connections of the cerebral cortex." *J. Comp Neur.* 91 (Aug. 1949): 39-66.
- Kruger, Lawrence and Ellis C. Berkowitz. "The Main Afferent Connections of the Reptilian Telencephalon as Determined by Degeneration and Electrophysiological Methods." *The Journal of Comparative Neurology* 115 (Oct. 1960): 125-41.



- Kubie, John L. and Mimi Halpern. "Chemical Senses Involved in Garter Snake Prey Trailing." *Journal of Comparative and Physiological Pathology* 93 (1979): 648-67.

00029: Kuffler—Kusuma

- Kuffler, Stephen W. "Responses During Refractory Period at Myoneural Junction in Isolate Nerve-Muscle Fibre Preparation." *J. Neurophysiol.* 5 (1942): 199-209.
- Kuffler, Stephen W. "Further Study on Transmission in an Isolated Nerve-Muscle Fibre Preparation." *J. Neurophysiol.* 5 (1942): 309-22.
- Kuffler, Stephen W. "Specific Excitability of the Endplate Region in Normal and Denervated Muscle." *J. Neurophysiol.* 6 (1943): 99-110.
- Kuffler, Stephen W. "The Effect of Calcium on the Neuromuscular Junction." *J. Neurophysiol.* 7 (1944): 17-26.
- Kuffler, Stephen W. "Action of Veratrine on Nerve-Muscle Preparations." *J. Neurophysiol.* 8 (1945): 113-22.
- Kuffler, Stephen W. and R.W. Gerard. "The Small-Nerve Motor System to Skeletal Muscle." *J. Neurophysiol.* 10 (1947): 383-94.
- Kuffler, Stephen W., Y. Laporte and R.E. Ransmeier. "The Function of the Frog's Small Nerve Motor System." *J. Neurophysiol.* 10 (1947): 395-408.
- Kuffler, Stephen W., Carlton C. Hunt, and Juan P. Quilliam. "Function of Medullated small-Nerve Fibers in Mammalian Ventral Roots." *J. Neurophysiol.* 14 (1951): 29-54.
- Kuffler, Stephen W. and Carlos Eyzaguirre. "Synaptic Inhibition in an Isolated Nerve Cell." *The Journal of General Physiology* 39 (Sept. 20, 1955): 155-84.
- Kuffler, Stephen W. "Otto Loewi, 1873-1961." *J. Neurophysiol.* 25 (1962): 450-53.
- Kuffler, Stephen W. and John G. Nicholls. "Glial Cells in the Central Nervous System of the Leech." *Path. U. Pharmak.* 248 (1964): 216-22.
- Kuffler, Stephen W., J.G. Nicholls, and R.K. Orkand. "Physiological Properties of Glial Cells in the Central Nervous System of Amphibia." *J. Neurophysiol.* 29 (1966): 768-87.
- Kuhlenbeck, Hartwig and Ruth N. Miller. "The pretectal region of the rabbit's brain." *J. Comp. Neur.* 76 (April 1942): 323-65.
- Kuntz, Albert. "A Contribution to the Histogenesis of the Sympathetic Nervous System." *The Anatomical Record* III (Aug. 1909): 458-65.



- Kuntz, Albert. "The Development of the Sympathetic Nervous System in Mammals." *Journal of Comparative Neurology and Psychology* 20 (June 1910): 212-58.
- Kuntz, Albert. "The Development of the Sympathetic Nervous System in Birds." *The Journal of Comparative Neurology and Psychology* 20 (Sept. 1910): 283-308.
- Kuntz, Albert. "The Development of the Sympathetic Nervous System in Turtles." *The American Journal of Anatomy* 11 (March 1911): 279-312.
- Kuntz, Albert and O.V. Batson. "Experimental Observations on the Histogenesis of the Sympathetic Trunks in the Chick." *The Journal of Comparative Neurology* 32 (Dec. 1920): 335-45.
- Kunzle, H. and H. Schnyder. "Do Retinal and Spinal Projections Overlap Within the Turtle Thalamus?" *Neuroscience* 10 (1983): 161-68.
- Kunzle, H. "spinocerebellar Projections in the Turtle." *Exp. Brain. Res.* 53 (1983): 129-41.
- Kusuma, A. *The Organization of the Spinal Cord in Reptiles With Different Locomotor Patterns.* Nijmegen: Strichting Studentenpers, 1979.
- Kusuma, A. and H.J. ten Donkelaar. "Dorsal Root Projections in Various Types of Reptiles." *Brain Behav. Evol.* 17 (1980): 291-309.

00030: Larsell—Livingston

- Larsell, Olof. "Studies on the Nervus Terminalis: Mammals." *The Journal of Comparative Neurology* 30 (Dec. 1918): 3-68.
- Larsell, O. "Studies on the Nervus Terminalis: Turtle." *The Journal of Comparative Neurology* 30 (Aug. 1919): 423-43.
- Larsell, O. "The Cerebellum of Amblystoma." *The Journal of Comparative Neurology* 31 (April 1920): 259-82.
- Larsell, O. "The Cerebellum of the Frog." *The Journal of Comparative Neurology* 36 (Dec. 1923): 89-112.
- Larsell, O. "Morphological and functional development of the membranous labyrinth in the opossum." *J. Comp. Neur.* 63 (Dec. 15, 1935): 95-118.
- Larsell, O. "The Development of the Organ of Corti in Relation to the Inception of Hearing." *Transactions American Academy of Ophthalmology and Otolaryngology* (May-June 1944): 3-23.
- Larsell, O. "Comparative Neurology and Present Knowledge of the Cerebellum." *The Bulletin of the Minnesota Medical Foundation* 5 (June 1945): 73-86.



- Lashley, K.S. "Thalamo-cortical connections of the rat's brain." *J. Comp. Neur.* 75 (Aug. 15, 1941): 67-121.
- Laufer, Miguel and Horacio Vanegas. "The Optic Tectum of a Perciform Teleost." *The Journal of Comparative Neurology* 154 (March 1, 1974): 61-96.
- Laufer, Miguel and Horacio Vanegas. "The Optic Tectum of a Perciform Teleost." *The Journal of Comparative Neurology* 154 (March 1, 1974): 97-116.
- Laurens, Henry and S. R. Detwiler. "Studies on the Retina." *The Journal of Experimental Zoology* 32 (Feb. 1921): 207-34.
- Law, Margaret I. and M. Constantine-Paton. "A Banded Distribution of Retinal Afferents Within Layer 9A of the Normal Frog Optic Tectum." *Brain Research* 247 (1982): 201-08.
- Lee, L.T. and T.H. Bullock. "Sensory Representation in the Cerebellum of the Catfish." *Neuroscience* 13 (1984): 157-69.
- Leksell, Lars. "The Action Potential and Excitatory Effects of the Small Ventral Root Fibres to Skeletal Muscle." *Acta Physiological Scandinavica* 10 (1945): 1-84.
- Lewis, Frederick T. "The Mixed Cerebral Nerves in Mammals." *The Journal of Comparative Neurology and Psychology* XVI (1906): 177-82.
- Linowiecki, A.J. "The Comparative Anatomy of the Pyramidal Tract." *The Journal of Comparative Neurology* 24 (1914): 509-30.
- Livingston, Christine A. and Robert B. Leonard. "Locomotion Evoked by Stimulation of the Brain Stem in the Atlantic Stingray, *Dasyatis Sabina*." *The Journal of Neuroscience* 10 (Jan. 1990): 194-204.

00031: David P.C. Lloyd (1941-52) [1 of 2]

- Lloyd, David P.C. "Activity in Neurons of the Bulbospinal Correlation System." *J. Neurophysiol.* 4 (1941): 115-34.
- Lloyd, David P.C. "The Spinal Mechanism of the Pyramidal System." *J. Neurophysiol.* 4 (1941): 525-46.
- Lloyd, David P.C. "Centripetal Discharges in Dorsal and Ventral Roots Following Stimulation of Muscle by Ventral Root Volleys." *Proceedings of the Society for Experimental Biology and Medicine* 47 (1941): 44-47.
- Lloyd, David P.C. "A Direct Central Inhibitory Action of Dromically Conducted Impulses." *J. Neurophysiol.* 4 (1941): 184-90



- Lloyd, David P.C. "Stimulation of Peripheral Nerve Terminations By Active Muscle." *J. Neurophysiol.* 5 (1942): 153-65.
- Lloyd, David P.C. "Neuron Patterns Controlling Transmission of Ipsilateral Hind Limb Reflexes in Cat," and "Conduction and Synaptic Transmission of Reflex Response to Stretch in Spinal Cats." *J. Neurophysiol.* 6 (1943): 293-326.
- Lloyd, David P.C. "Conduction and Synaptic Transmission in the Nervous System." *Annual Review of Physiology* VI (1944): 349-64.
- Lloyd, David P.C. "Functional Organization of the Spinal Cord." *Physiological Review* 24 (1944): 1-17.
- Lloyd, David P.C. "On the Relation Between Discharge Zone and Subliminal Fringe in a Motoneuron Pool Supplied by a Homogenous Presynaptic Pathway." *Yale J. Biol & Med* 18 (1945): 117-21.
- Lloyd, David P.C. "Facilitation and Inhibition of Spinal Motoneurons," and "Integrative Pattern of Excitation and Inhibition in Two-Neuron Reflex." *J. Neurophysiol.* 9 (1946): 421-44.
- Lloyd, David P.C. "Analysis of Forelimb-Hindlimb Reflex Activity in Acutely Decapitate Cats." *J. Neurophysiol.* 11 (1948): 455-70.
- Lloyd, David P.C. "Afferent Fibers in Muscle Nerves." *J. Neurophysiol.* 11 (1948): 199-208.
- Lloyd, David P.C. "On Reflex Actions of Muscular Origin." *Patterns of Organization in the Central Nervous System* (1950): 48-67.
- Lloyd, David P.C. "Electrical Signs of Impulse Conduction in Spinal Motoneurons." *The Journal of General Physiology* 35 (Nov. 20, 1951): 255-88.
- Lloyd, David P.C. "After-Currents, After-Potentials, Excitability, and Ventral Root Electrotonus in Spinal Motoneurons." *The Journal of General Physiology* 35 (Nov. 20, 1951): 289-321.
- Lloyd, David P.C. "Electrotonus in Dorsal Nerve Roots." *Cold Spring Harbor Symposia on Quantitative Biology* XVII (1952): 203-19.

00032: David P.C. Lloyd (1952-70) [2 of 2]

- Lloyd, David P.C. and Yves Laporte. "Nature and Significance of the Reflex Connections Established by Large Afferent Fibers of Muscular Origin." *The American Journal of Physiology* 169 (1952): 609-21.
- Lloyd, David P.C. "Influence of Asphyxia Upon the Responses of Spinal Motoneurons." *The Journal of General Physiology* 36 (May 20, 1953): 673-702.



- Lloyd, David P.C., Carlton C. Hunt, and A.K. McIntyre. "Transmission in Fractionated Monosynaptic Spinal Reflex Systems." *The Journal of General Physiology* 38 (Jan. 20, 1955): 307-17.
- Lloyd, David P.C. "Monosynaptic Reflex Responses of Individual Motoneurons." *The Journal of General Physiology* 38 (July 20, 1955): 771-87.
- Lloyd, David P.C. and A.K. McIntyre. "Transmitter Potentiality of Homonymous and Heteronymous Monosynaptic Reflex Connections of Individual Motoneurons." *The Journal of General Physiology* 38 (July 20, 1955): 789-99.
- Lloyd, David P.C. and Victor J. Wilson. "Reflex Depression in Rhythmically Active Monosynaptic Reflex Pathways." *The Journal of General Physiology* 40 (Jan. 20, 1957):409-26.
- Lloyd, David P.C. "Temporal Summation in Rhythmically Active Monosynaptic Reflex Pathways." *The Journal of General Physiology* 40 (Jan. 20, 1957): 427-34.
- Lloyd, David P.C. "Monosynaptic Reflex Response of Individual Motoneurons as a Function of Frequency." *The Journal of General Physiology* 40 (Jan. 20, 1957): 435-50.
- Lloyd, David P.C. "Input-Output Relation in a Flexor Reflex." *The Journal of General Physiology* 41 (Nov. 20, 1957): 297-306.
- Lloyd, David P.C. "The Approach to Unitary Analysis of Neuron Response." *Experimental Cell Research Supp.* 5 (1958): 221-33.
- Lloyd, David P.C. "The Discrete and the Diffuse in Nervous Action." *James Arthur Lecture on the Evolution of the Human Brain.* The American Museum of Natural History, 1958.
- Lloyd, David P.C. "On the Monosynaptic Reflex Interconnections of Hind-Limb Muscles." In *Structure and Function of the Cerebral Cortex: Proceedings of the Second International Meeting of Neurobiologists* (1959): 289-97.
- Lloyd, David P.C. "Early and Late Post-Tetanic Potentiation, and Post-Tetanic Block in a Monosynaptic Reflex Pathway." *The Journal of General Physiology* 42 (Jan. 20, 1959): 475-88.
- Lloyd, David P.C. "Note on the Lateral Dendrites of Plantar Motoneurons." *Proceedings of the National Academy of Sciences* 45 (April 1959): 586-88.
- Lloyd, David P.C. "Temperature and Dendritic Response of Spinal Motoneurons." *Proceedings of the National Academy of Sciences* 45 (April 1959): 589-92.
- Lloyd, David P.C. "A Study of Some Twentieth Century Thoughts on Inhibition in the Spinal Cord." *Nervous Inhibition: Proceedings of an International Symposium* (1961): 13-31.
- Lloyd, David P.C. "Early Responses of Antidromic Conduction through Dendrites of Spinal Motoneurons in the Normal Anoxic, and Postanoxic States." *Proceedings of the National Academy of Sciences* 66 (July 1970): 622-25.



- Bibliography of David P.C. Lloyd, 1937-1968.

00033: Locy—Lorente de No (1905-38)

- Locy, William A. "On a newly recognized Nerve connected with the Fore-brain of Selachians." *Anatomischer Anzeiger* (1905): 33-63.
- Loftus-Hills, Jasper J. "Neural Correlates of Acoustic Behavior in the Australian Bullfrog *Limnodynastes dorsalis*." *Z. vergl. Physiologie* 74 (1971): 140-52.
- Lorente de No, R. "The Reflex Contractions of the Muscles of the Middle Ear as a Hearing Test in Experimental Animals." *Transactions of the American Laryngological, Rhinological and Otological Society* (1933): 3-19.
- Lorente de No, R. "Anatomy of the Eighth Nerve." *The Laryngoscope* (May 1933): 1-38.
- Lorente de No, R. "The electrical excitability of the motoneurons." *J. Cell. and Comp. Physiol.* 7 (Oct. 20, 1935): 47-71.
- Lorente de No, R. "The Synaptic Delay of the Motoneurons." *The American Journal of Physiology* 111 (March 1935): 272-82.
- Lorente de No, R. "The Refractory Period of the Motoneurons." *The American Journal of Physiology* 111 (March 1935): 283-88.
- Lorente de No, R. "The Effect of an Antidromic Impulse on the Response of the Motoneurone." *The American Journal of Physiology* 112 (Aug. 1935): 595-609.
- Lorente de No, R. "Facilitation of Motoneurons." *The American Journal of Physiology* 113 (Nov. 1935): 505-23.
- Lorente de No, R. "The Summation of Impulses Transmitted to the Motoneurons Through Different Synapses." *The American Journal of Physiology* 113 (Nov. 1935): 524-28.
- Lorente de No, R. "Inhibition of Motoneurons." *Problems of Nervous Physiology and of Behavior Symposium* (1936): 231-46.
- Lorente de No, R. "The Neural Mechanism of Hearing. Anatomy and Physiology." *The Laryngoscope* (1937).
- Lorente de No, R. "Architectonics and Structure of the Cerebral Cortex." In *Physiology of the Nervous System* (1938): 291-330.
- Lorente de No, R. "Liberation of Acetylcholine by the Superior Cervical Sympathetic Ganglion and the Nodosum Ganglion of the Vagus." *The American Journal of Physiology* 121 (Feb. 1938): 331-49.



- Lorente de No, R. "Limits of Variation of the Synaptic Delay of Motoneurons," "Synaptic Stimulation of Motoneurons as a Local Process," and "Analysis of the Activity of the Chains of Internuncial Neurons." *Journal of Neurophysiology* I (May 1938): 187-244.
- Lorente de No, R. "Recovery Cycle of Motoneurons." *The American Journal of Physiology* 123 (Aug. 1938): 388-99.

Box 003:

00034: Lorente de No—Luco

- Lorente de No, Rafael. "Transmission of Impulses Through Cranial Motor Nuclei." *Journal of Neurophysiology* II (1939): 402-64.
- Lorente de No, Rafael. "Effects of choline and acetylcholine chloride upon peripheral nerve fibers." *J. Cell and Comp Physiol* 24 (Aug. 1944): 85-97.
- Lorente de No, Rafael. "Analysis of the effect of barium upon nerve with particular reference to rhythmic activity." *J. Cell and Comp Physiol* 28 (Dec. 1946): 397-464.
- Lorente de No, Rafael. "Correlation of Nerve Activity with Polarization Phenomena." *The Harvey Lectures Series* XLII (1946-47): 43-105.
- Lorente de No, Rafael. "Action potential of the motoneurons of the hypoglossus nucleus." *J. Cell and Comp Physiol* 29 (June 1947): 207-88.
- Lorente de No, R. "II. Quaternary Ammonium Ions and Sodium Ions in Nerve Physiology." *Bulletin of the Johns Hopkins Hospital* 83 (Dec. 1948): 497-529.
- Lorente de No, Rafael. "The ineffectiveness of the connective tissue sheath of nerve as a diffusion barrier." *J. Cell and Comp Physiol* 35 (April 1950): 195-240.
- Lorez, H.P. and M. Kemali. "Substance P-, Met-Enkephalin- and Somatostatin-Like Immunoreactivity Distribution in the Frog Spinal Cord." *Neuroscience Letters* 26 (1981): 119-24.
- Luco, J.V. and C. Eyzaguirre. "Inhibitory Influences on the Sensitivity of Spinal Cord Neurones." *Acta Physiologica Latinoamericana* II (1952): 33-42.

00035: Magoun—Moffatt

- Magoun, H.W. "Recent Contributions to the Extrapyramidal System." *Quarterly Bulletin* 20 (1946): 1-12.



- Manogue, Kirk R. and Fernando Nottebohm. "Relation of Medullary Motor Nuclei to Nerves Supplying the Vocal Tract of the Buderigar." *The Journal of Comparative Neurology* 204 (1982): 394-91.
- Majumdar, S., E. Mills, and P.G. Smith. "Degenerative and Regenerative Changes in Central Projections of Glossopharyngeal and Vagal Sensory Neurons After Peripheral Axotomy in Cats." *Neuroscience* 20 (1983): 841-49.
- Manley, Geoffrey A. "Activity Patterns of Neurons in the Peripheral Auditory System of Some Reptiles." *Brain, Behavior and Evolution* 10 (1974): 244-56.
- Marini, R. and R. Bortolami. "A Somatotropic and Functional Organization of the Masticatory Proprioceptors in the Mesencephalic Trigeminal Nucleus of the Frog." *Arch. Ital. Biol.* 120 (1982): 385-96.
- Matesz, Clara and G. Szekely. "The Motor Nuclei of the Glossopharyngeal-Vagal and the Accessorius Nerves in the Rat." *Acta Biologica Hungarica* 24 (1983): 215-30.
- Matesz, Clara. "Central Projection of the VIIIth Cranial Nerve in the Frog." *Neuroscience* 4 (1979): 2061-69.
- Mayr, Ernst. "Methods and Strategies in Taxonomic Research." *Systematic Zoology* 20 (Dec. 1971): 426-33.
- McClung, J. Ross, John B. Gelderd, Richard A Whitman. "Axosomatic Synapses in the Spinal Cord of the Shark." *Experimental Neurology* 61 (1978): 609-14.
- McCotter, Rollo E. "The Nervus Terminalis in the Adult Dog and Cat." *The Journal of Comparative Neurology* 23 (1913): 145-52.
- McFarland, W.L., M.S. Jacobs and P.J. Morgane. "Blood Supply to the Brain of the Dolphin, *Tursiops truncatus*." *Neuroscience and Behavioral Reviews* 3 (1979): 1-93.
- Meredith, G.E. and B.L. Roberts. "Central Organization of the Efferent Supply to the Labyrinthine and Lateral Line Receptors of the Dogfish." *Neuroscience* 17 (1986): 225-33.
- Meszler, Richard. "Fine Structure and Organization of the Infrared Receptor Relays." *The Journal of Comparative Neurology* 220 (1983): 299-309.
- Meyer, A. and M. Meyer. "Boutons Terminaux in the Cerebral Cortex." *Journal of Anatomy* 79 (Oct. 1945): 180-85.
- Mishler, B.D. and Donoghue, M.J. "Species Concepts: A Case for Pluralism." *Syst. Zool.* 31 (1982): 491-503.
- Miller, Malcolm R. "Scanning Electron Microscopy of the Lizard Papilla Basilaris." *Brain, Behavior and Evolution* 10 (1974): 95-112.



- Mizuno, Noboru, et al. "Localization of Motoneurons Innervating the Tensor Tympani Muscles." *Neuroscience Letters* 31 (1982): 205-08.
- Model, Pat G. "Regulation of the Mauthner cell following unilateral rotation of the prospective hindbrain in axolotl nuralae." *Brain Research* 153 (1978): 135-43.
- Model, Pat. G. "Aspects of Mauthner Cell Differentiation in the Axolotl, *Amblystoma mexicanum*." *Amer. Zool.* 18 (1978): 253-65.
- Moffatt, Anne J.M. and Robert R. Capranica. "Middle Ear Sensitivity in Anurans and Reptiles Measured by Light Scattering Spectroscopy." *J. Cop Physiol* 127 (1978): 97-107.

00036: Money—Neal

- Money, K.E., J.P. Landolt, M.J. Correia, and J. Laufer. "Anatomical and Physiological Investigations of the Vestibular System of Birds." *Brain, Behavior and Evolution* 10 (1974): 212-27.
- Montgomery, John C. "Noise cancellation in the electrosensory system of the thornback ray." *J. Comp Physiol A* 155 (1984): 103-11.
- Montgomery, Neil, Katherine V. Fite, Michelene Taylor, and Lynn Bengston. "Neural Correlates of Optokinetic Nystagmus in the Mesenchaphalon of *Rana pipiens*." *Brain Behav Evol* 21 (1982): 137-50.
- Morrell, J.I., D. Crews, A. Ballin, A. Morgentaler, and D.W. Pfaff. "H-Estradiol, H-Testosterone and H-Dihdrotestosterone Localization in the Brain of the Lizard *Anolis Carolinensis*." *The Journal of Comparative Neurology* 188 (1979): 201-24.
- Mulroy, Michael J. "Cochlear Anatomy of the Alligator Lizard." *Brain, Behavior and Evolution* 10 (1974): 69-87.
- Naifeh, K.H., S.E. Huggins, and H.E. Hoff. "Effects of Brain Stem Section on Respiratory Patterns of Crocodilian Reptiles." *Respiration Physiology* 13 (1971): 186-97.
- Napier, John. "The Evolution of the Hand." *Scientific American* (Dec. 1962): 1-8
- Napier, John. "The Antiquity of Human Walking." *Scientific American* (April 1967): 1-12.
- Naujoks-Manteuffel, Christiane and Gerhard Manteuffel. "Internuclear connections between the pretectum and the accessory optic system in *Salamandra salamandra*." *Cell Tissue Res* 243 (1986): 595-602.
- Neal, H.V. "The Segmentation of the Nervous System in *Squalus Acanthias*." *Bulletin of the Museum of Comparative Zoology* XXXI (May 1898): 148-291.



00037: Neary—Nieuwenhuys

- Neary, Timothy J. and R. Glenn Northcutt. "Nuclear Organization of the Bullfrog Diencephalon." *The Journal of Comparative Neurology* 213 (1983): 262-78.
- New, John G. and R. Glenn Northcutt. "Primary Projections of the Trigeminal Nerve in Two Species of Sturgeon." *Journal of Morphology* 182 (1984): 125-36.
- Newman, Donald B. "Distinguishing Rat Brainstem Reticulospinal Nuclei by their Neuronal Morphology." *J. Hirnforsch.* 26 (1985): 187-226.
- Newman, Donald B. "Distinguishing Rat Brainstem Reticulospinal Nuclei by their Neuronal Morphology II." *J. Hirnforsch.* 26 (1985): 385-418.
- Nicholls, John G. and Stephen W. Kuffler. "Extracellular Space as a Pathway For Exchange Between Blood and Neurons in the Central Nervous System of the Leech." *J. Neurophysiol.* 27 (1964): 645-71.
- Nieto, A., D. Nieto, and P. Pacheco. "Possible phylogenetical significance of the corpus callosum with special reference to the dolphin brain." *Acta Anatomica* 94 (1976): 397-402.
- Nieuwenhuys, Rudolf. "Comparative Anatomy of Olfactory Centres and Tracts." *Progress in Brain Research* 23 (1967): 1-64.
- Nieuwenhuys, Rudolf. "Comparative Anatomy of the Cerebellum." *Progress in Brain Research* 23 (1967): 1-93.
- Nieuwenhuys, Rudolf. "Topological Analysis of the Brain Stem of the Lamprey *Lampreta fluviatilis*." *J. Comp. Neur.* 145 (June 1972): 165-78.

00038: Nobin—Northcutt (1974-80)

- Nobin, Anders and Anders Bjorkland. "Topography of the Monoamine Neuron Systems in the Human Brain as Revealed in Fetuses." *Acta Physiologica Scandinavica* 388 (1973): 1-40.
- Noorduy, N.J.A. *Quantitative Aspects of the Pyramidal Tract*. Gorinchem: J. Noorduy, 1959.
- Northcutt, R. Glenn and Ann B. Butler. "Retinal Projections in the Northern Water Snake." *Journal of Morphology* 142 (1974): 117-36.
- Northcutt, R. Glenn. "Some Histochemical Observations on the Telencephalon of the Bullfrog." *The Journal of Comparative Neurology* 157 (1974): 379-90.
- Northcutt, R. Glenn. "Olfactory Bulb Projections in the Bullfrog *Rana catesbeiana*." *Journal of Morphology* 145 (1975): 251-68.



- Northcutt, R. Glenn and Ann B. Butler. "Retinofugal Pathways in the Longnose Gar." *J. Comp. Neur* 166 (march 1976): 1-16.
- Northcutt, R. Glenn. "Retinofugal Pathways in Fetal and Adult Spiny Dogfish." *Brain Research* 162 (1979): 219-30.
- Northcutt, R. Glenn. "Central Auditory Pathways in Anamniotic Vertebrates." *Proceedings in Life Sciences* (1980): 79-118.
- Northcutt, R. Glenn. "Guitarfish Possess Ipsilateral as well as Contralateral Retinofugal Projections." *Neuroscience Letters* 20 (1980): 237-42.
- Northcutt, R. Glenn and Mark R. Braford. "New Observations on the Organization and Evolution of the Telencephalon of Actinopterygian Fishes." From *Comparative Neurology of the Telencephalon* (1980): 41-98.
- Northcutt, R. Glenn and Ann B. Butler. "Projections of the Optic Tectum in the Longnose Gar." *Brain Research* 190 (1980): 333-46.

00039: R. Glenn Northcutt (1981-86)

- Northcutt, R. Glenn. "Evolution of the Telencephalon in Nonmammals." *Ann. Rev. Neurosci.* 4 (1981): 301-50.
- Northcutt, R. Glenn. "Audition and the Central Nervous System of Fishes." *Proceedings in Life Sciences* (1981): 331-55.
- Northcutt, R. Glenn. "Localization of Neurons Afferent to the Optic Tectum in Longnose Gars." *The Journal of Comparative Neurology* 204 (1982): 325-35.
- Northcutt, R. Glenn. "Evolution of the Optic Tectum in Ray-finned Fishes." In *Fish Neurobiology* (1983): 1-42.
- Northcutt, R. Glenn. "Telencephalic Organization in Ray-finned Fishes." In *Fish Neurobiology* 1983): 203-36.
- Northcutt, R. Glenn and Carl Gans. "The Genesis of Neural Crest and Epidermal Placodes: A Reinterpretation of Vertebrate Origins." *The Quarterly Review of Biology* 58 (March 1983): 1-28.
- Northcutt, R. Glenn. "Evolution of the Vertebrate Central Nervous System: Patterns and Processes." *Amer. Zool.* 24 (1984): 701-16.
- Northcutt, R. Glenn. "The Brain and Sense Organs of the Earliest Vertebrates: Reconstruction of a Mophotype." From *Evolutionary Biology of Primitive Fishes* (1985): 81-112.
- Northcutt, R. Glenn. "Central nervous system phylogeny: evaluation of hypotheses." *Fortschritte der Zoologie* 30 (1985): 497-505.



- Northcutt, R. Glenn. "Strategies of Comparison: How Do We Study Brain Evolution." *Verh. Dtsch. Zool. Ges.* 79 (1986): 91-103.
- Northcutt, R. Glenn. "Electroreception in Nonteleost Bony Fishes." From *Electroreception* (1986): 257-85.
- Northcutt, R. Glenn. "Lungfish Neural Characters and Their Bearing on Sarcopterygian Phylogeny." *Journal of Morphology Supplement 1* (1986): 277-97.
- Northcutt, R. Glenn. "Evolution of the Octavolateralis System: Evaluation and Heuristic Value of Phylogenetic Hypothesis." In *The Biology of Change in Otolaryngology* (1986): 3-14.

00040: O'Grady—Pappas

- O'Grady, Richard T. "Nonequilibrium Evolution and Ontogeny." *Syst. Zool.* 31 (1982): 503-11.
- Osborn, Henry Fairfield. "Reclassification of the Reptilia." *The American Naturalist* XXXVIII (1904): 93-115.
- Osborn, Henry Fairfield. "The Continuous Origin of Certain Unit Characteristics as Observed by a Palaeontologist." *The American Naturalist* XLVI (April 1912): 185-206.
- Orkand, R.K., J.G. Nicholls, and S.W. Kuffler. "Effect of Nerve Impulses on the Membrane Potential of Glial Cells in the Central Nervous System of Amphibia." *J. Neurophysiol.* 29 (1966): 788-806.
- Palay, Sanford L. "The histology of the Meninges of the toad." *Anat. Rec.* 88 (March 1944): 257-70..
- Palay, Sanford L. "Synapses in the Central Nervous System." *The Journal of Biophysical and Biochemical Cytology* (July 25, 1956): 193-202.
- Palay, S.L. "The Morphology of Synapses in the Central Nervous System." *Experimental Cell Research Supp.* 5 (1958): 275-93.
- Palay, Sanford L. "The Fine Structure of Secretory Neurons in the Preoptic Nucleus of the Goldfish." *The Anatomical Record* 138 (Dec. 1960): 417-43.
- Pappas, George D., Stephen G. Waxman, and Michael V.L. Bennett. "Morphology of spinal electromotor neurons and presynaptic coupling in the gymnoid." *Journal of Neurocytology* 4 (1975): 469-78.



00041: Parent—Parker

- Parent, A. and L.J. Poirier. "Occurrence and distribution of monoamine-containing neurons in the brain of the painted turtle." *J. Anat.* 110 (1971): 81-89.
- Parent, Andre. "Demonstration of a catecholaminergic pathway from the midbrain to the strio-amygdaloid complex in the turtle." *J. Anat.* 114 (1973): 379-87.
- Parent, A. "Distribution of Monoamine-containing Nerve Terminals in the Brain of the Painted Turtle." *J. Compt. Neur.* 148 (March 1973):153-66.
- Parent, Andre. "The Monoaminergic Innervation of the Telencephalon of the Frog." *Brain Research* 99 (1975): 35-47.
- Parent, Andre and R. Glenn Northcutt. "The Monoamine-Containing Neurons in the Brain of the Garfish." *Brain Research Bulletin* 9 (1982): 189-204.
- Parker, G.H. "The Optic Chiasma in Teleosts and Its Bearing on the Asymmetry of the Heterosomata." *Bulletin of the Museum of Comparative Zoology* XL (Jan. 1903): 221-43.
- Parker, G. H. "The Function of the Lateral-line Organs in Fishes." *Bulletin of the Bureau of Fisheries* XXIV (1905): 183-207.
- Parker, G.H. "The Origin of the Lateral Eyes of Vertebrates." *The American Naturalist* XLII (1908): 601-09.
- Parker, G.H. "The Origin of the Nervous System and its Appropriateness of Effectors." *Popular Science Monthly* (July 1909): 56-64; (Aug. 1909): 137-46; (Sept. 1909): 253-63; (Oct. 1909): 338-45.
- Parker, G.H. "The Origin and Significance of the Primitive Nervous System." *Proceedings of the American Philosophical Society* L (May-June 1911):217-25.

00042: Pearse—Powell

- Pearse, A.S. "Habits of the Mud-Puppy Necturus, an Enemy of Food Fishes." *Department of Commerce Bureau of Fisheries Economic Circular* 49 (May 16, 1921): 1-8.
- Peter, R.E., M.J. Macey, and V.E. Gill. "A Stereotaxic Atlas and Technique for Forebrain Nuclei of the Killifish." *The Journal of Comparative Anatomy* 159 (Jan. 1, 1975): 103-28.
- Petras, J.M. "Cortical, Tectal and Tegmental Fiber Connections in the Spinal Cord of the Cat." *Brain Research* 6 (1967): 275-324.
- Pick, Joseph, Carin Gerdin, and Carmen DeLemos. "On the Ultrastructure of Spinal Nerve Roots in the Frog." *Anat. Rec.* 146 (May 1963): 61-84.



- Platel, Roland and Roland Bauchot. "L'encephale de *Scincus scincus*." *Zool. Anz.* 184 ((1970): 33-47.
- Platel, Roland. "Etude cytoarchitectonique qualitative et quantitative des aires corticales d'un Saurien." *Journal Fur Hirnforschung* 11 (1969): 31-66.
- Platel, Roland. "Analyse Volumetrique Comparee des Principales Subdivisions Encephaliques chez les Reptiles Sauriens." *Journal Fur Hirnforschung* 17 (1976): 513-37.
- Platel, R. "Contribution a L'Etude du Nucleus Olfactorious Anterior des Reptiles," In *Problemes actuels de Paleontologie* 163 (1966): 441-53.
- Potter, H.D. "Structural Characteristics of Cell and Fiber Populations in the Optic Tectum of the Frog." *N. Comp. Neur.* 136 (June 1969): 203-32.
- Potter, H.D. "The Distribution of Neurofibrils Coextensive with Microtubules and Neurofilaments in Dendrites and Axons of the Tectum, Cerebellum, and Pallium of the Frog." *J. Comp. Neur.* 143 (Dec. 1971): 385-410.
- Potter, H.D. "Terminal Arborizations of Retinotectal Axons in the Bullfrog." *J. Comp. Neur.* 144 (March 1972): 269-84.
- Potter, H.D., G.S. Hafner, and I.R. Schwartz. "Neurofilament and glycogen changes during cold acclimation in the trochlear nucleus of lizards." *Journal of Neurocytology* 4 (1975): 491-503.
- Powell, Susan L. and Monte Westerfield. "The Absence of Specific Dye-coupling Among Frog Spinal Neurons." *Brain Research* 294(1984): 9-14.

00043: Pritz—Ramirez

- Pritz, Michael B. "The Dorsal Column Nucleus in a Reptile." *Neuroscience Letters* 39 (1983): 119-23.
- Pritz, Michael B. "Ascending Connections of a Midbrain Auditory Area in a Crocodile." *The Journal of Comparative Neurology* 153 (Jan. 15, 1974): 179-98.
- Pritz, Michael B. "Ascending Connections of a Midbrain Auditory Area in a Crocodile." *The Journal of Comparative Neurology* 153 (Jan. 15, 1974): 199-214.
- Radinsky, Leonard. "An Example of Parallelism in Carnivore Brain Evolution." *Evolution* 25 (Sept. 30, 1971): 518-22.
- Radinsky, Leonard. "Endocasts and Studies of Primate Brain Evolution." In *The Functional and Evolutionary Biology of Primates* (1972): 175-84.
- Radinsky, L. "Evolution of the Canid Brain." *Brain, Behavior and Evolution* 7 (1973): 169-202.



- Radinsky, L. "Evolution of the Felid Brain." *Brain, Behavior and Evolution* 11 (1975): 214-54.
- Ralph, Charles L. "Correlations of Melatonin Content in Pineal Gland, Blood, and Brain of Some Birds and Mammals." *Amer. Zool.* 16 (1973): 35-43.
- Ralston, Diane Daly. *Red nucleus of Macaca fascicularis: An Electron Microscope Study of Its Synaptic Organization in Relation to Afferent and Efferent Connectivity and Proposals for the Role of the Red Nucleus in Motor Mechanisms.* San Francisco: Logos, 1938.
- Ramirez, Oscar A. and Rex Y. Wang. "Locus coeruleus norepinephrine-containing neurons." *Brain Research* 362 (1986): 165-70.

00044: Ranson—Ridgway

- Ranson, S. Walter. "On the Medullated Nerve Fibers Crossing the Site of Lesions in the Brain of the White Rat." *The Journal of Comparative Neurology* XIII (1903): 185-207.
- Ranson, S. Walter. "Retrograde Degeneration in the Corpus Callosum of the White Rat." *The Journal of Comparative Neurology and Psychology* XIV (1904): 381-89.
- Ranson, S. Walter. "Retrograde Degeneration in the Spinal Nerves." Dissertation, Ogden Graduate School of Science, Chicago (1905).
- Ranson, S. Walter. "The Histology of the Enteron of the Florida Alligator." *The Anatomical Record* 7 (1913): 105-29.
- Ranson, S. Walter. "The Fasciculus Cerebro-Spinalis in the Albino Rat." *The American Journal of Anatomy* 14 (May 1913): 411-24.
- Ranson, S. Walter. "The Course Within the Spinal Cord of the Non-Medullated Fibers of the Dorsal Roots: A Study of Lissauer's Tract in the Cat." *The Journal of Comparative Neurology* 23 (Aug. 1913): 259-81.
- Ranson, S. Walter. "A Note on the Degeneration of the Fasciculus Cerebro-Spinalis in the Albino Rat." *The Journal of Comparative Neurology* 24 (Oct. 1914): 503-07.
- Ranson, S. Walter. "The Vagus Nerve of the Snapping Turtle." *The Journal of Comparative Neurology* 25 (June 1915): 301-16.
- Reese, Albert. "The Vascular System of the Florida Alligator." *Proceedings of the Academy of Natural Sciences* (May 1914): 413-25.
- Reparant, J. "Les Voies et les Centres Optiques Primaires Chez la Vipere." *Archives D'Anatomie Microscopique* (1973): 322-52.
- Rettig, Georg and Gehard Roth. "Retinofugal projections in salamanders of the family Plethodontidae." *Cell Tissue Res* 243 (1986): 385-96.



- Ridgway, S.H, et al. "Auditory brainstem response in dolphins." *Proc. Natl. Acad. Sci.* 78 (March 1981): 1943-47.
- Richter, A., W. Precht, and S. Ozawa. "Responses of Neurons of Lizard's, *Lacerta viridis*, Vestibular Nuclei to Electrical Stimulation of the Ipsi- and Contralateral VIIIth Nerves." *Pflugers Arch.* 355 (1975): 85-94.
- Ritchie, T.C. "Immunocytochemical demonstration of serotonergic cells, terminals and axons in the spinal cord of the stingray." *Brain Research* 240 (1982): 334-37.
- Ritchie, T.C., et al. "The Distribution of Serotonin in the CNS of an Elasmobranch Fish." *The Journal of Comparative Neurology* 221 (1983): 429-43.

00045: Roberts—Ruigrok

- Roberts, B.L. and P. Witkovsky. "A functional analysis of the mesencephalic nucleus of the fifth nerve in the selachian brain." *Proc. R. Soc. Lond.* 190 (1975): 473-95.
- Robinson, L.R. "Bulbosplinal fibres and their nuclei of origin in *Lacerta viridis* demonstrated by axonal degeneration and chromatolysis respectively." *J. Anat.* 105 (1969): 59-88.
- Roldan, Manuela, Fernanco Reinoso-Suarez, and Aloisio Tortelly. "Parabigeminal Projections to the Superior Colliculus in the Cat." *Brain Research* 280 (1983): 1-13.
- Ronan, Mark and R. Glenn Northcutt. "Primary Projections of the Lateral Line Nerves in Adult Lampreys." *Brain, Behavior and Evolution* 30 (1987): 62-81.
- Ronan, Mark C. and R. Glenn Northcutt. "The Origins of Descending Spinal Projections in Lepidosirenid Lungfishes." *The Journal of Comparative Neurology* 241 (1985): 435-44.
- Rose, Gary J., Eliot A. Brenowitz and Robert R. Capranica. "Species specificity and temperature dependency of temporal processing by the auditory midbrain of two species of treefrogs." *J. Comp Physiol A* 157 (1985): 763-69.
- Roth, Jan J. and Charles L. Ralph. "Thermal and Photic Preferences in Intact and Paetalectomized *Anolis Carolinensis*." *Behavioral Biology* 19 (1977): 341-48.
- Rovainen, Carl M. "Neurobiology of Lampreys." *Physiology Reviews* 59 (Oct. 1979): 1008-1077.
- Rovainen, Carl M. "Electrophysiology of Vestibulospinal and Vestibuloreticulospinal Systems in Lampreys." *Journal of Neurophysiology* 42 (1979): 745-66.
- Rubinson, Kalman. "Projections of the Tectum Opticum of the Frog." *Brain, Behavior and Evolution* 1 (1968): 529-61
- Rubinson, Kalman. "Connections of the Mesencephalic Nucleus of the Trigeminal Nerve in the Frog." *Brain Research* 19 (1970): 3-14.



- Rubinson, Kalman. "The Central Distribution of VIII Nerve Afferents in Larval *Petromyzon marinus*." *Brain, Behavior and Evolution* 10 (1974): 121-29.
- Ruigrok, T.J.H. *Organization and Morphology Motoneurons and Primary Afferents in the Lumbar Spinal Cord of the Turtle Pseudemys scripta elegans*. Utrecht: Drukkeru Elinkwijk, 1956.
- Ruigrok, T.J.H. and A. Crowe. "The Organization of Motoneurons in the Turtle Lumbar Spinal Cord." *The Journal of Comparative Neurology* 228 (1984): 24-37.

00046: Sandren—Senn

- Sandrew, Barry B., D. Louise Edwards, Charles E. Poletti, and Warren E. Foote. "Amygdalospinal Projections in the Cat." *Brain Research* 373 (1986): 235-39.
- Sano, F. "Bewegingskernen in het ruggemerg der werveldieren." *Geneeskundig Congres* (1905): 1-18.
- Sato, Yu, Tadashi Kawasaki, and Katsumi Ikarashi. "Afferent Projections from the Brainstem to the Three Flocular Zones in Cats." *Brain Research* 272 (1983): 37-48.
- Schechter, P.B. and P.S. Ulinski. "Interactions between Tectal Radial Cells in the Red-Eared Turtle, *Pseudemys scripta elegans*." *Journal of Morphology* 162 (Oct. 1979): 17-36.
- Schnyder, H. and H. Kunzle. "The retinopetal system in the turtle *Pseudmys scripta elegans*." *Cell Tissue Res* 234 (1983): 219-24.
- Schroeder, D.M. "Golgi-Cox Impregnation of Peripheral Zone After Coating tissue with Egg Yolk." *Stain Technology* 48 (1973): 343-54.
- Schroeder, Dolores M. and S.O.E. Ebbesson. "Nonolfactory Telencephalic Afferents in the Nurse Shark." *Brain, Behavior and Evolution* 9 (1974): 121-55.
- Schweizer, Hermann, Rudolf Ruebsamen, and Claudia Ruehle. "Localization of Brain Stem Motoneurons Innervating the Laryngeal Muscles in the Rufous Horseshoe Bat." *Brain Research* 230 (1981): 41-50.
- Senn, David G. "Über das optische System im Gehirn squamater Reptilien." *Acta Anatomica* 65 (1966): 1-87.
- Senn, David G. "Über das Zwischen und Mittelhirn von zwei typhlopiden Schlangen, *Anomalepis aspinosus* und *Liotyphlops albirostris*." *Verdhandl. Naturf. Ges. Basel* (1969): 32-48.
- Senn, David G. "Die Zusammenhänge von Grosshirnstriatum, dorsalem Thalamus und Tectum opticum bei Echsen." *Verdhandl. Naturf. Ges. Basel* (1970): 209-25.
- Senn, David G. "Zur Ontogenese des Tectum opticum von *Natrix natrix*." *Acta Anat.* 76 (1970): 545-63.



- Senn, David G. "Structure and development of the optic tectum of the snapping turtle." *Acta Anat.* 80 (1971): 46-57.
- Senn, David G. "The ontogenesis of the optic tectum of a frog." *Acta Anat.* 82 (1972): 267-83.
- Senn, David G. "Development of tegmental and rhombencephalic structures in a frog." *Acta Anat.* 82 (1972): 525-48.
- Senn, David G. "The Forebrain and Midbrain of Some Squamates and Their Bearing on the Origin of Snakes." *The Journal of Morphology* 140 (1973): 135-52.
- Senn, David G. "Notes on the amphibian and reptilian thalamus." *Acta Anat.* 87 (1974): 555-96.

00047: Sheldon—Slonaker

- Sheldon, Ralph Edward. "The Olfactory Tracts and Centers in Teleosts." *The Journal of Comparative Neurology* 22 (June 1912): 177-339.
- Shivers, Richard R. "The Blood-Brain Barrier of a Reptile, *Anolis carolinensis*." *Brain Research* 169 (1979); 221-30.
- Silver, Wayne L. and Thomas E. Finger. "Electrophysiological examination of a non-olfactory, non-gustatory chemosense in the searobin." *J. Comp Physiol A* 154 (1984): 167-74.
- Skinner, R.D. "Monosynaptic Inputs to Lumbar Interneurons from the Lateral Vestibulospinal Tract and the Medial Longitudinal Fasciculus." *Neuroscience Letters* 10 (1978): 259-64.
- Slijper, E.J. *Comparative Biologic-Anatomical Investigations on the Vertebral Column and Spinal Musculature of Mammals*. Amsterdam: N.V. Noord-Hollandsche, 1946.
- Slonaker, James Rollin. *A Comparative Study of the Area of Acute Vision in Vertebrates*. Boston: Ginn & Company, 1897.

00048: Smith—Stevens

- Smith, Bertram G. "The Breeding Habits of *Amblystoma punctatum* Linn." *The American Naturalist* XLI (1907): 381-90.
- Smith, Bertram G. "The Life History and Habits of *Cryptobranchus allengheniensis*." *Biological Bulletin* XIII (June 1907): 5-39.
- Smith, Bertram G. "Notes on the Natural History of *Ambystoma Jeffersonianum*, A. *Punctatum* and A. *Tigrinum*." *Bulletin of the Wisconsin Natural History Society* 9 (1911): 14-27.



- Song, Jiakun and R. Glenn Northcutt. "The Primary Projections of the Lateral-Line Nerves of the Florida Gar." *Brain Behav Evol* 37 (1991): 38-63.
- Sperry, R.W. "Patterning of Central Synapses in Regeneration of the Optic Nerve in Teleosts." *Physiological Zoology* XXI (Oct. 1948): 351-61.
- Stanford, L.R. and Peter H. Hartline. "Spatial and Temporal Integration in Primary Trigeminal Nucleus of Rattlesnake Infrared System." *Journal of Neurophysiology* 51 (May 1984): 1077-1090.
- Stanley, Edith, Anne Messer, and Norman L. Strominger. "Effects of Age and Strain Differences on the Red Nucleus of the Mouse Mutant *Dystonia musculorum*." *The Anatomical Record* 206 (1983): 313-18.
- Stefanelli, Alberto. "La Fisiologia dei Centri Statici alla Luce Delle Ricerche di Morfologia Ecologica nei Rettili." *Arch Fisiol.* 44 (1944): 49-77.
- Steinbusch, H.W.M. and R. Nieuwenhuys. "The Raphe Nuclei of the Rat Brainstem: A Cytoarchitectonic and Immunohistochemical Study." *Chemical Neuroanatomy* (1983): 131-207.
- Steinbusch, H.W.M. "Distribution of Serotonin-Immunoreactivity in the Central Nervous System of the Rat." *Neuroscience* 6 (1981): 557-618.
- Stephan, H. and R. Bauchot. "La Cerveau de *Galemys pyrenaicus* Geoffroy, 1811." *Mammalia* (Mars 1959): 1-18.
- Stevens, P.F. "Augustin Augier's 'Arbre Botanique' (1801), a Remarkable Early Botanical Representation of the Natural System." *Taxon* 32 (1983): 203-11.
- Stevens, P.F. "Report of Third Annual Willi Hennig Society Meeting." *Syst Zool* 32 (1983): 285-91.

00049: Stokes—Szekely

- Stokes, Tegner M. "The Telencephalon, Diencephalon, and Mesencephalon of the Canary, *Serinus canaria*, in Stereotaxic Coordinates." *The Journal of Comparative Neurology* 156 (Aug. 1, 1974): 337-374.
- Stokes, John H. "The Acoustic Complex and Its Relations in the Brain of the Opossum." *The American Journal of Anatomy* 12 (Jan. 1912): 401-45.
- Straus, William L. "Electrical Excitation of the Cerebrum of the Kangaroo Rat." *Journal of Mammology* 17 (1936): 374-82.
- Streeter, George L. "The Structure of the Spinal Cord of the Ostrich." *The American Journal of Anatomy* III (Dec. 1903): 1-27.
- Stromsten, Frank A. "A Contribution to the Anatomy and Development of the Venous Nervous System." *The American Journal of Anatomy* IV (Sept. 1905): 453-85.



- Sugerman, Richard A. Leo S. Demski. "Agonistic Behavior Elicited by Electrical Stimulation of the Brain in Western Collared Lizards, *Crotaphytus collaris*." *Brain, Behavior and Evolution* 15 (1978): 446-69.
- Switzer, Robert C., John Irwin Johnson, and John A.W. Kirsh. "Phylogeny Through Brain Traits." *Brain, Behavior and Evolution* 17 (1980): 339-63.
- Szekely, George and Bela Kosaras. "Dendro-dendritic contacts between frog motoneurons shown with the cobalt labeling technique." *Brain Research* 108 (1976): 194-98.
- Szekely, G. "The Morphology of Motoneurons and Dorsal Root Fibers in the Frog's Spinal Cord." *Brain Research* 103 (1976): 275-90.
- Szekely, G. and G. Lazar. "Cellular and Synaptic Architecture of the Optic Tectum." In Llinas, R. and W. Precht, *Frog Neurobiology*. Berlin: Springer-Verlag, 1976: 407-34
- Szekely, G. and G. Czeh. "Localization of Motoneurons in the Limb Moving Spinal Cord Segments of *Ambystoma*." *Acta Physiologica Academiae Scientiarum Hungaricae* 32 (1967): 3-18.

00050: Taber—Ulinski

- Taber, Elizabeth, Alf Brodal, and Fred Walberg. "The Raphe Nuclei of the Brain Stem in the Cat." *The Journal of Comparative Neurology* 114 (1960): 161-87.
- Takeuchi, Y., H. Kimura, T. Matsuura, and Y. Sano. "Immunohistochemical Demonstration of the Organization of Serotonergic Neurons in the Brain of the Monkey." *Acta Anat.* 114 (1982): 106-24.
- Tan, Honjing, and Vjekoslav Miletic. "Bulbospinal Serotonergic Pathways in the Frog." *The Journal of Comparative Anatomy* 292 (1990): 291-302.
- Tang, D. and M.E. Selzer. "Projections of Lamprey Spinal Neurons Determined by the Retrograde Axonal Transport of Horseradish Peroxidase." *The Journal of Comparative Neurology* 188 (1979): 629-46.
- Tauc, L. and E.R. Kandel. "An Anomalous Form of Rectification in a Molluscan Central Neurone." *Nature* 202 (June 27, 1964): 1339-41.
- Taugner, R., U. Sonnhoff, D.W. Richter and A. Schiller. "Mixed (Chemical and Electrical) Synapses of Frog Spinal Motoneurons." *Cell Tiss Res* 193 (1978): 41-59.
- Taxi, J. "Degeneration and Regeneration of Frog Ganglionic Synapses." *Neuroscience* 4 (1979): 817-23.
- Ten Donkelaar, H.J. "Descending Pathways from the Brain Stem to the Spinal Cord in Some Reptiles." *J. Comp Neur* 167 (June 15, 1976): 421-42.



- Thies, Roger and Robert D. Foreman. "Inhibition and Excitation of Thoracic Spinoreticular Neurons by Electrical Stimulation of Vagal Afferent Nerves." *Experimental Neurology* 82 (1983): 1-16.
- Thors, Frans and Rudolf Nieuwenhuys. "Topological Analysis of the Brain Stem of the Lungfish." *The Journal of Comparative Neurology* 187 (1979): 589-612.
- Tong, Shang-liang and Theodore Holmes Bullock. "Electroreceptive Representation and its Dynamics in the Cerebellum of the Catfish." *J. Comp Physiol* 145 (1982): 289-98.
- Tong, Shang-liang and Theodore Holmes Bullock. "The Sensory Functions of the Cerebellum of the Thornback Ray." *J. Comp Physiol* 148 (1982): 399-410.
- Torvik, Ansgar. "The Spinal Projection From the Nucleus of the Solitary Tract." *J. Anat* 91 (1957): 314-22.
- Towe, A. L. "Relative Numbers of Pyramidal Tract Neurons in Mammals of Different Sizes." *Brain, Behavior and Evolution* 7 (1973): 1-17.
- Udin, Susan B. and Edward R. Gruberg. "Removal of Retinal Input Fails to Elicit Isthmo-tectal Sprouting in the Frog." *Neuroscience Letters* 27 (1981): 107-11.
- Ueda, Shuichi, Yoshihiro Takeuchi, and Yutaka Sano. "Immunohistochemical Demonstration of Serotonin Neurons in the Central Nervous System of the Turtle." *Anat Embryol* 168 (1983): 1-19.
- Ulinski, Philip S. and David A. Kanarek. "Cytoarchitecture of Nucleus Sphericus in the Common Boa." *The Journal of Comparative Neurology* 151 (1973): 159-74.
- Ulinski, Philip S. "Corticoseptal Projections in the Snakes *Natrix sipedon* and *Thamnophis sirtalis*." *The Journal of Comparative Neurology* 164 (1975): 375-88.
- Ulinski, Philip S. "Structure of Anterior Dorsal Ventricular Ridge in Snakes." *Journal of Morphology* 148 (1976): 1-22.
- Ulinski, Philip S. "Intracortical Connections in the Snakes *Natrix sipedon* and *Thamnophis sirtalis*." *Journal of Morphology* 150 (1976): 463-84.

00051: Van de Kamer—Voris

- Van de Kamer, J.C. "The Pineal Organ in Fish and Amphibia." *Progress in Neurobiology* (1956): 113-20.
- Van Den Akker, L.M. *An Anatomical Outline of the Spinal Cord of the Pigeon*. Leiden: Van Gorcum & Company, 1940.



- Van Der Loos, H. "Similarities and Dissimilarities in Submicroscopical Morphology of Interneuronal Contact Sites of Presumably Different Functional Character." *Progress in Brain Research Vol. 6 Topics in Basic Neurology* (1964): 43-58.
- Van Mier, P. and H.J. ten Donkelaar. "Structural and Functional Properties of Reticulospinal Neurons in the Early-Swimming Stage *Xenopus* Embryo." *The Journal of Neuroscience* 9 (1989): 25-37.
- Vanegas, H. and S.O.E. Ebbesson. "Retinal Projection in the Perch-like Teleost *Eugerres plumieri*." *The Journal of Comparative Neurology* 151 (1973): 331-358.
- Vanegas, H., M. Laufer., and J. Amat. "The Optic Tectum of a Perciform Teleost I. General Configuration and Cytoarchitecture." *The Journal of Comparative Neurology* 154 (1974): 43-60.
- Vanegas, H., J. Amat, and E. Essayag-Millán. "Postsynaptic Phenomena in Optic Tectum Neurons Following Optic Nerve Stimulation in Fish." *Brain Research* 77 (1974): 25-38.
- Vanegas, H. and S.O.E. Ebbesson. "Telencephalic Projections in Two Teleost Species." *The Journal of Comparative Neurology* 165 (1976): 181-196.
- Von Düring, M. "The Radiant Heat Receptor and Other Tissue Receptors in the Scales of the Upper Jaw of Boa Constrictor." *Z. Anat. Entwickl.-Gesch.* 145 (1974): 299-319.
- Voneida, T.J. and S.O.E. Ebbesson. "On the Origin and Distribution of Axons in the Pallial Commissures in the Tegu Lizard (*Tupinambis nigropunctatus*)." *Brain, Behavior and Evolution* 2 (1969): 467-481.
- Voris, H.C. and Normand L. Hoerr. "The Hindbrain of the Opossum, *Didelphis virginiana*." *The Journal of Comparative Neurology* 54 (1932): 277-355.

00052: Walker—Welker

- Walker, A.E. "The Thalamus of the Chimpanzee II. Its Nuclear Structure, Normal and Following Hemidecortication." *The Journal of Comparative Neurology* 69 (1938): 487-505.
- Walker, A.E. "The Thalamus of the Chimpanzee IV. Thalamic Projections to the Cerebral Cortex." *The Journal of Anatomy* LXXIII (1938): 37-93.
- Walker, A.E. and J.F. Fulton. "The Thalamus of the Chimpanzee. III. Metathalamus, Normal Structure and Cortical Connections." *Brain* LXI (1938): 250-268.
- Walker, J.M. and R.J. Berger. "A Polygraphic Study of the Tortoise (*Testudo denticulate*) Absence of Electrophysiological Signs of Sleep." *Brain, Behavior and Evolution* 8 (1973): 453-467.
- Walker Jr., W.F. "A Structural and Functional Analysis of Walking in the Turtle, *Chrysemys picta marginata*." *The Journal of Morphology* 134 (1971): 195-214.



- Walkowiak, W. "Neuronal Correlates of the Recognition of Pulsed Sound Signals in the Grass Frog." *Journal of Comparative Physiology A* 155 (1984): 57-66.
- Washburn, Sherwood L. "Tools and Human Evolution." *Scientific American* 203 (Sept. 1960): 3-16.
- Wassersug, R.J. "Tetrapod Gait Patterns." *Science Vol.* 88 (1975): 1254-1256.
- Watson, C.R.R., S. Sakai, and W. Armstrong. "Organization of the Facial Nucleus in the Rat." *Brain, Behavior and Evolution* 20 (1982): 19-28.
- Waxman, S.G. and G.D. Pappas. "An Electron Microscopic Study of Synaptic Morphology in the Oculomotor Nuclei of Three Intramammalian Species." *The Journal of Comparative Neurology* 143 (1971): 41-71.
- Waxman, S.G. "Electron Microscopy of Synapses in Reptile Spinal Cord." *Neuroscience Letters* 13 (1979): 237-242.
- Weathers, W.W. "Some Cardiovascular Aspects of Temperature Regulation in the Lizard *Dipsosaurus dorsalis*." *Comp. Biochem. Physiol.* 40A (1971): 503-515.
- Weathers, W.W. and K.R. Morgareidge. "Cutaneous Vascular Responses to Temperature Change in the Spiny-Tailed Iguana, *Ctenosaura hemilopha*." *Copeia* 3 (1971): 548-551
- Welker, E., P.V. Hoogland and A.H.M. Lohman. "Tectal Connections in *Python reticulatus*." *The Journal of Comparative Neurology* 220 (1983): 347-54.
- Welker, W.I. "Principles of Organization of the Ventrobasal Complex in Mammals." *Brain, Behavior and Evolution* 7 (1973): 253-336.

00053: Whitfield—Zemlan

- Whitfield, C.L. and R.L. Livezey. "Thermoregulatory Patterns in Lizards." *Physiological Zoology* 46 (1973): 285-296.
- Widén, L. "Recent Advances in Clinical Neurophysiology." *Electroencephalography and Clinical Neurophysiology Suppl.* 25 (1967): 20-34.
- Williams, S.R. "Changes Accompanying the Migration of the Eye and Observations on the Tractus Opticus and Tectum Opticum in *Pseudopleuronectes Americanus*." *Bulletin of the Museum of Comparative Zoology* XL (1902): 1-57.
- Willis, W.D., W.M. Thompson, J.C. Willis, and W.C. Jones. "A Descending Pathway Which is Monosynaptically Excitatory to Motoneurons." *Nature* 211 (1966): 1182-1183.



- Wilson, V.J. and M. Yoshida. "Comparison of Effects of Stimulation of Deiters' Nucleus and Medial Longitudinal Fasciculus on Neck, Forelimb, and Hindlimb Motoneurons." *Journal of Neurophysiology* XXXII (1969): 743-758.
- Windle, W.F., C.D. Clemente, D. Scott Jr., and W.W. Chambers. "Induction of Neuronal Regeneration in the Central Nervous System of Animals." *Transactions American Neurological Association* (1952): 164-170.
- Withington-Wray, D.J., B.L. Roberts, and E.W. Taylor. "The Topographical Organization of the Vagal Motor Column in the Elasmobranch Fish, *Scyliorhinus canicula* L." *The Journal of Comparative Neurology* 248 (1986): 95-104.
- Witkovsky, P. and B.L. Roberts. "The Light Microscopical Structure of the Mesencephalic Nucleus of the Fifth Nerve in the Selachian Brain." *Proc. R. Soc. Lond. B.* 190 (1975): 457-471.
- Wolters, J.G., H.J. Ten Donkelaar, H.W.M. Steinbusch, and A.A.J. Verhofstad. "Distribution of Serotonin in the Brain Stem and Spinal Cord of the Lizard *Varanus exanthematicus*: An Immunohistochemical Study." *Neuroscience* 14 (1985): 169-193.
- Wright, L.L. "Time of Cell Origin and Cell Death in the Avian Dorsal Motor Nucleus of the Vagus." *The Journal of Comparative Neurology* 199 (1981): 125-132.
- Yoshida, Y., T. Mitsumasu, T. Miyazaki, M. Hirano, and T. Kanaseki. "Distribution of Motoneurons in the Brain Stem of Monkeys, Innervating the Larynx." *Brain Research Bulletin* 13 (1984): 413-419.
- Young, J.Z. "Two Memory Stores in One Brain." (1972): 13-20.
- Youngren, O. M. and R.E. Phillips. "A Stereotaxic Atlas of the Brain of the Three-day-old Domestic Chick." *The Journal of Comparative Neurology* 181 (1978): 567-599.
- Zamora, A.J. "The Ependymal and Glial Configuration in the Spinal Cord of Urodeles." *Anatomy and Embryology* 154 (1978): 67-82.
- Zamora, A.J. "Pansegmental Primordial Glycogen Body in the Spinal Cord of Postmetamorphic *Pleurodeles waltlii* (Urodela)." *Anatomy and Embryology* 154 (1978): 83-94.
- Zemlan, F.P., L.M. Kow, J.I. Morrell, and D.W. Pfaff. "Descending Tracts of the Lateral Columns of the Rat Spinal Cord: A Study Using the Horseradish Peroxidase and Silver Impregnation Techniques." *J. Anat.* 128 (1979): 489-512.