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COVER

Series of electrocytes, the electrically excitable disk-like cells comprising the electric organ of Brienomyrus brachyistius (long biphasic), a mormyrid electric fish with a sexually dimorphic electric organ discharge. Gonadal steroids induce the mature male electric organ discharge in females. Each electrocyte, embedded in a clear gelatinous matrix, has two faces and a trunk-like stalk arising from the posterior face (top). Sagittal section; Mallory stain. Electrocyte thickness: 50 micrometers. See page 971. [Andrew H. Bass, Cornell University, Ithaca, New York 14853]