

Who quotes and in which publication: A.F. Huxley.

Muscular contraction. Review lecture given at the meeting of the physiological society at Leeds University on 14--15 December 1973.

J.Physiol. (1974), 243, pp.1-43

Transliteration of the Last name: Deshcherevskii V. J.

The cited work of V.I.Deshcherevsky in the list of references of the quoting article:

Page 37 References:

«**Deshcherevskii**, V. J. (1968). Two models of muscular contraction. Biophysics **13** (1969), 1093-1101»

[There is an error year here – the correct reference is: Biophysics 13, No 5, 1093-1101 (1968).

Orig. Russ. Text: Biofizika 13, № 5, 928—935 (1968)].

Quote

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(**Deshcherevskii** (1968) has indeed shown that a closely related, though less complete, kinetic theory leads exactly to the algebraic expression fitted by Hill (1938) to his results). I regard this as good grounds for thinking that the general outline of the theory is correct – cross-bridges operating in a cycle consisting of attachment with moderate rate constant, exertion of force, and detachment with high rate constant after sliding motion of the filaments sufficient to bring the force near to zero.