

Review of: "The Evolution of Consciousness Theories"

James M. Shine¹

¹ University of Sydney

Potential competing interests: No potential competing interests to declare.

The author provided a nice, albeit relatively superficial, overview of a wide range of theories that have been proposed regarding the neural basis of conscious experience.

At times, I found it difficult to determine the primary goal of the piece: this problem could have been skirted with a more thorough/elaborate introductory statement that set the scope of the piece.

I also found myself wondering what the criterion was for including a theory in this summary: did the author have a set criterion? And if so, what was it?

I personally found the lack of neurobiological detail underwhelming. The author may wish to consider papers by Aru and Larkum regarding the "Dendritic Integration Theory" (<https://www.cell.com/trends/cognitive-sciences/fulltext/S1364-66132030175-3>) and older work by Edelman and Izhikevich (<https://pubmed.ncbi.nlm.nih.gov/18292226/>), among others in a rapidly growing field.