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**Ward C Wheeler\*** ([wheeler@amnh.org](mailto:wheeler@amnh.org)), Division of invertebrate Zoology, American Museum of Natural History, 200 Central Park West, New York, NY 10024. *Improvements in Tree and Network Alignment Algorithms*. Preliminary report.

Tree-Alignment (sensu Sankoff) has been known to be NP-hard for some time. Recent improvements in both the quality (in terms of optimality score) and time complexity of heuristic approaches to this problem are discussed in the context of soft-wired networks. The effectiveness of these approaches to both simulated and real data sets are discussed. (Received March 21, 2017)