Interactive comment on "A standardized database of MIS 5e sea-level proxies in southern Africa (Angola, Namibia and South Africa)" *by* J. Andrew G. Cooper and Andrew N. Green

Hayley Cawthra

hcawthra@geoscience.org.za

This is an important review and the historic overview of sea-level studies in South Africa is very well documented, but the last 10 years of this have several relevant studies that have been missed.

Additional references to check, that contain ages and information on Last Interglacial deposits:

[if Mozambique will be considered in the review?] Armitage, S.J., Botha, G.A., Duller, G.A.T., Wintle, A.G., Rebêlo, L.P. and Momade, F.J., 2006. The formation and evolution

of the barrier islands of Inhaca and Bazaruto, Mozambique. Geomorphology, 82(3-4), 295-308.

Roberts, D.L., Bateman, M.D., Murray-Wallace, C.V., Carr, A.S. and Holmes, P.J., 2009. West coast dune plumes: climate driven contrasts in dunefield morphogenesis along the western and southern South African coasts. Palaeogeography, Palaeoclimatology, Palaeoecology, 271(1-2), 24-38.

[LIG dunes dated on the East Coast] Fisher, E.C., Albert, R.M., Botha, G., Cawthra, H.C., Esteban, I., Harris, J., Jacobs, Z., Jerardino, A., Marean, C.W., Neumann, F.H. and Pargeter, J., 2013. Archaeological reconnaissance for middle stone age sites along the Pondoland Coast, South Africa. PaleoAnthropology, 104-137.

[a review paper on dunes that includes a database as a supplement and may be helpful] Roberts, D., Cawthra, H. and Musekiwa, C., 2014. Dynamics of late Cenozoic aeolian deposition along the South African coast: a record of evolving climate and ecosystems. Geological Society, London, Special Publications 388(1), 353-387.

Morrissey, P., Knight, J. and Stratford, D.J., 2020. Early Marine Isotope Stage 5 sea levels, coastal dune palaeoenvironments, and human occupation on the southeast coast of South Africa. Quaternary Science Reviews 245, 106504.

On 'future research directions', Swartklip and Nahoon are tagged as 'priority' sites but these have already been recently re-addressed. They are published in Roberts et al. 2009 (the paper on West Coast dune plumes) and Morrissey's 2019 Masters project that was published in 2020.

———————————————