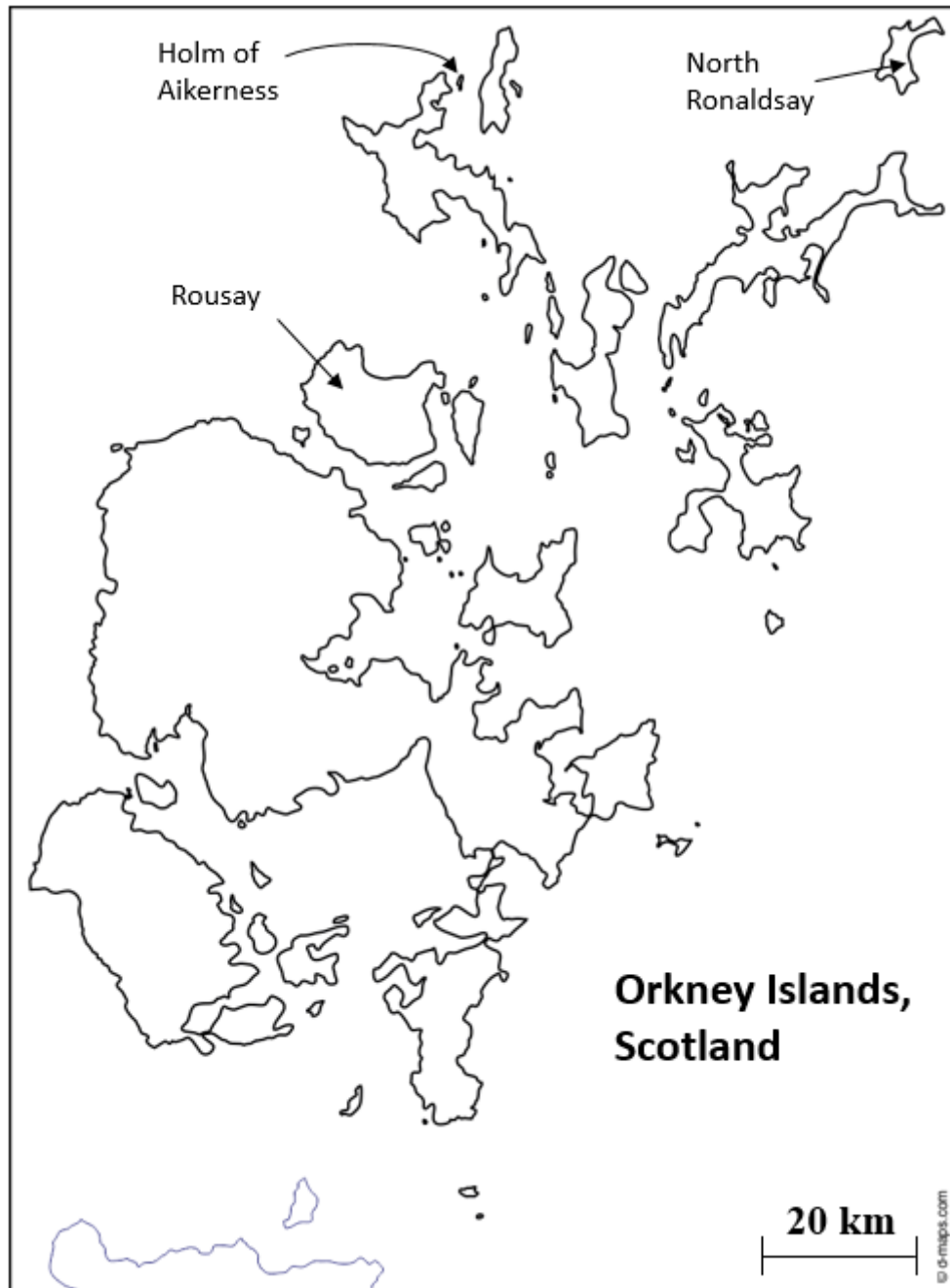
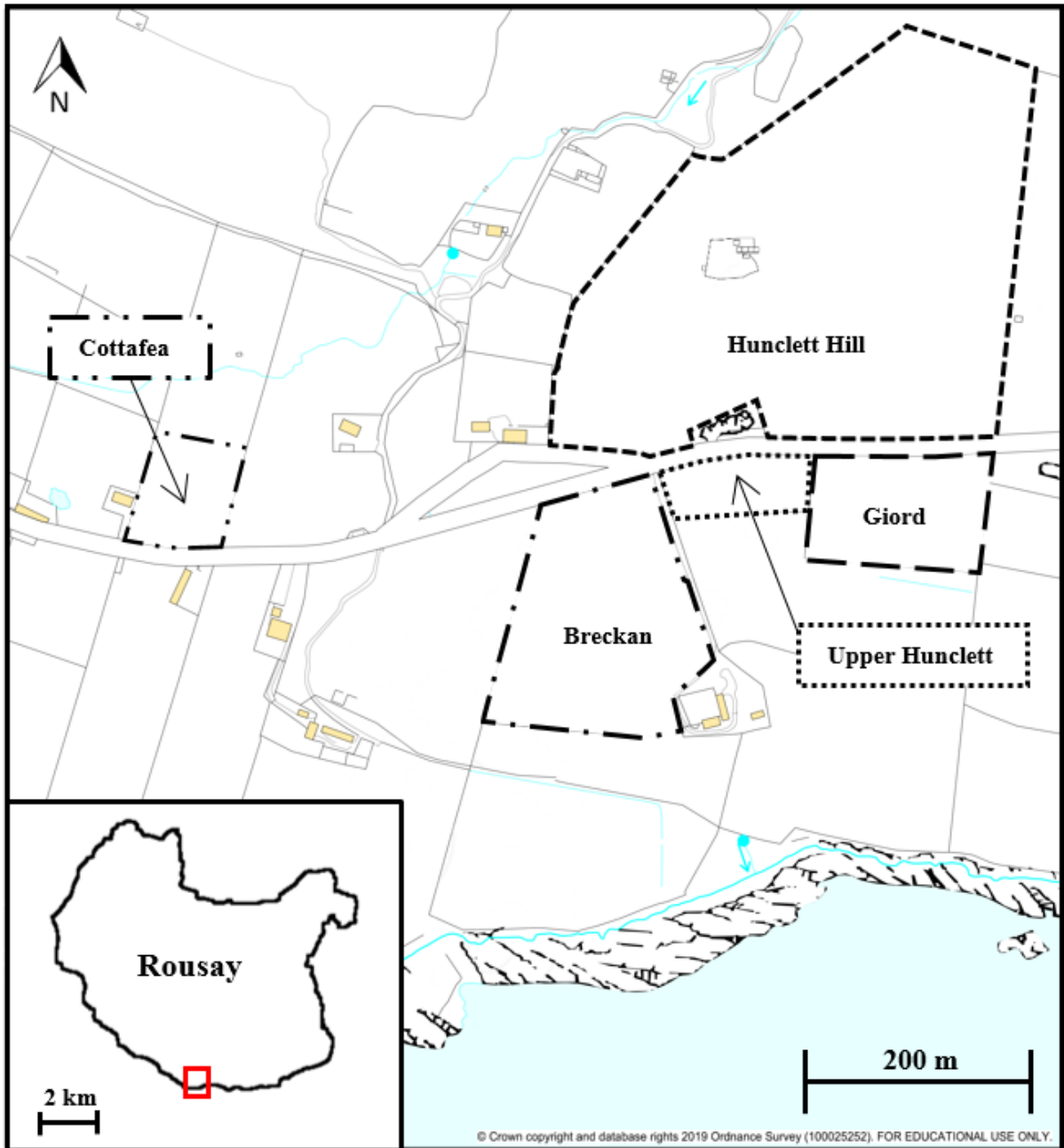


Supplementary Information

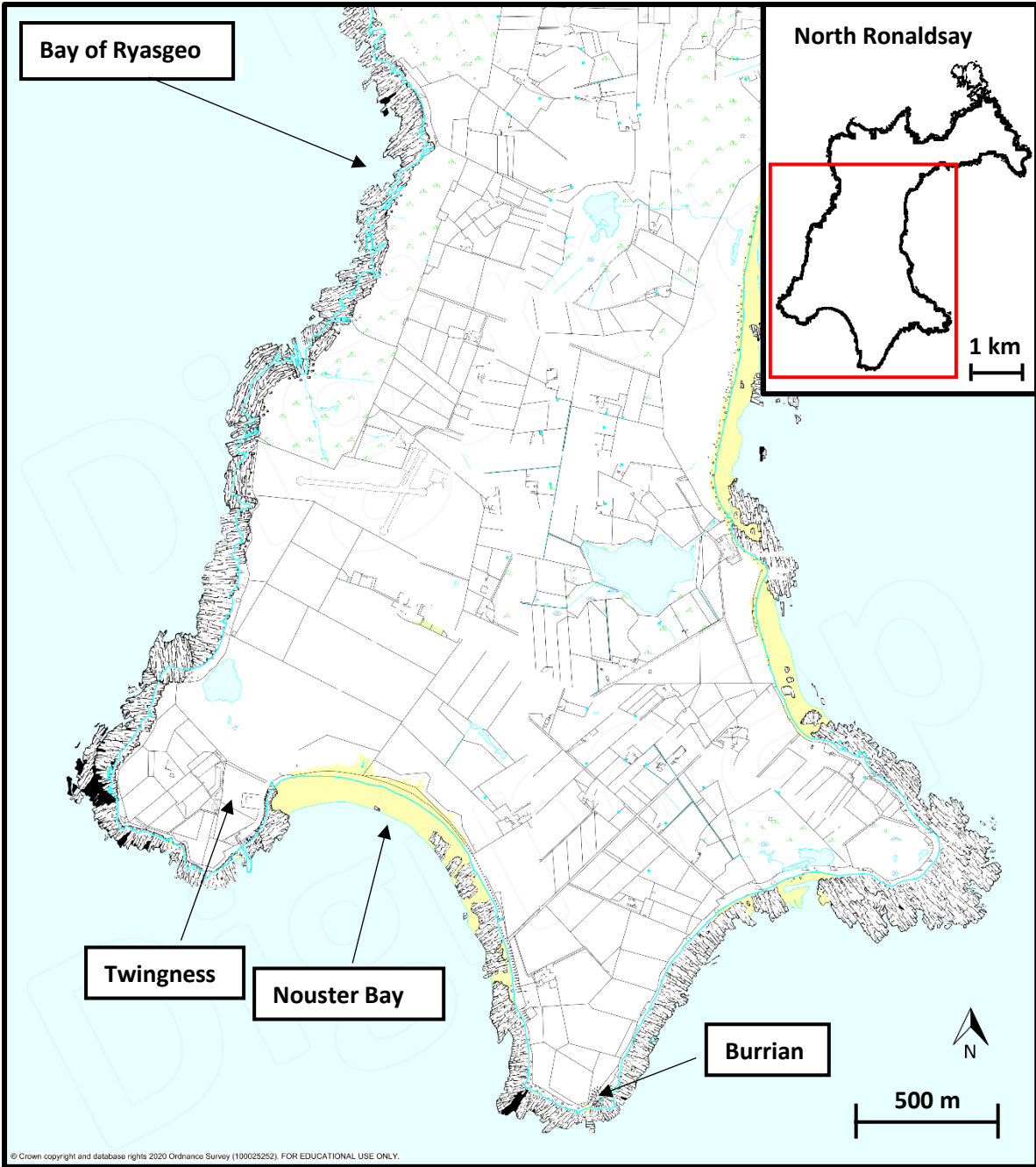
Blanz, M., Mainland, I., Richards, M., Balasse, M., Ascough, P., Wolfhagen, J., Taggart, M, Feldmann, J. (2019). Identifying seaweed consumption by sheep using isotope analysis of their bones and teeth: Modern reference $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ values and their archaeological implications.



Supplementary Figure 1: Map of the Orkney Islands, indicating the islands where the modern samples in this study were taken; Image source: https://d-maps.com/carte.php?num_car=166063&lang=en



Supplementary Figure 2: Map showing the sampled pastures on Rousay. The box in the inset map of Rousay indicates the study area. Map modified from Digimap, © Crown copyright and database rights 2019 Ordnance Survey (100025252).



Supplementary Figure 3: Map showing the sampled pastures and shorelines on North Ronaldsay. The box in the inset map of North Ronaldsay indicates the study area. Map modified from Digimap, © Crown copyright and database rights 2020 Ordnance Survey (100025252).