











Supplementary Figure 2

2D maps of the geochemistry of the otoliths of (A-F) 6 different white hake (*Urophycis tenuis*) sampled in Maine and New Hampshire from 2007 through 2021. Peaks in concentrations of isotopes of manganese (Mn), strontium (Sr), and barium (Ba)—⁵⁵Mn, ⁸⁸Sr, and ¹³⁸Ba—in parts per million (ppm) were analyzed. For information on the type of 2D map (partial or complete) for each otolith and for the sex, total length, and estimated age of each fish from which the ototiths were sampled, see <u>Supplementary Table 3</u>.

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