

Incorporating expanded sampling into an alternative abundance index for the Fall Midwater Trawl Survey

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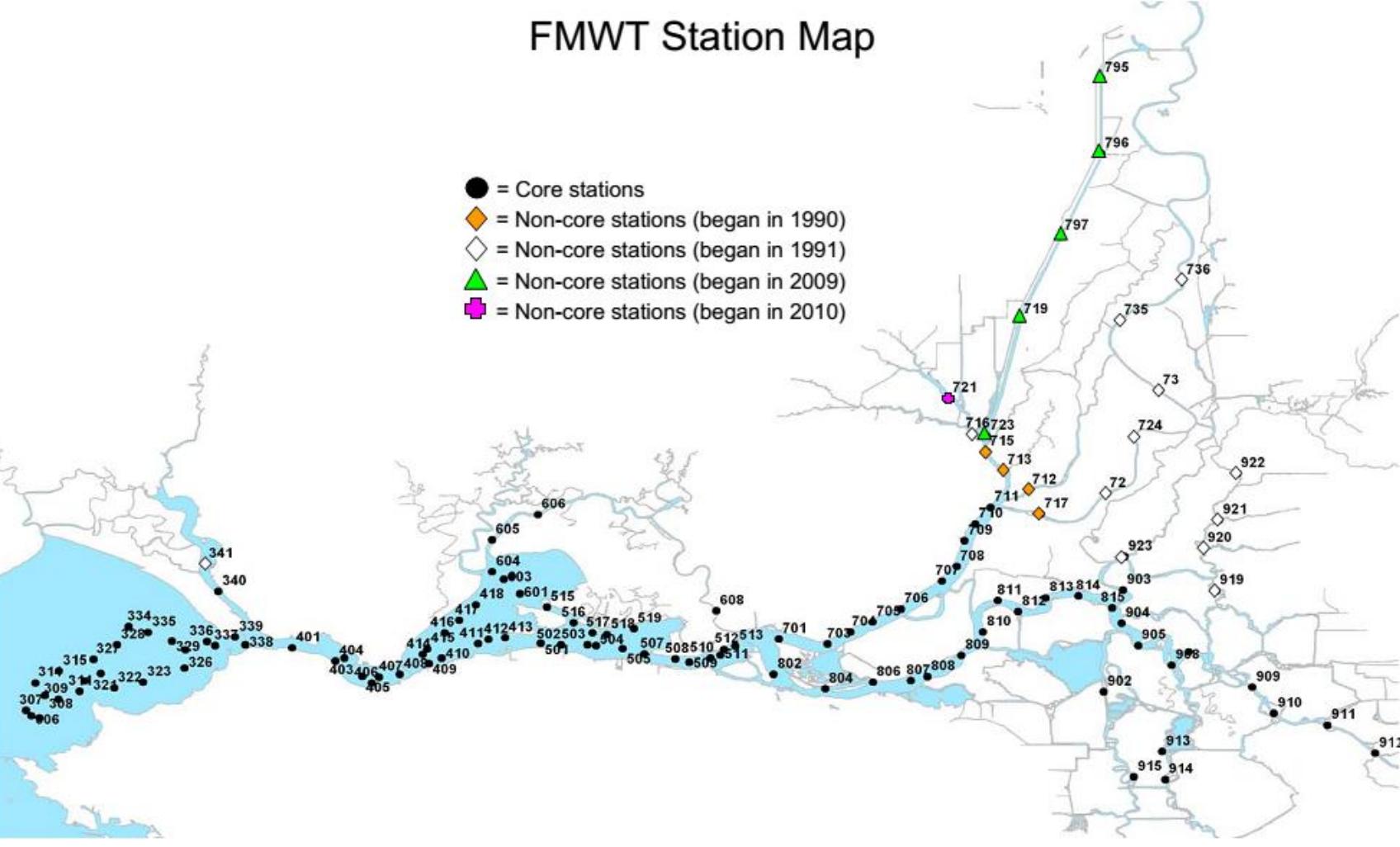
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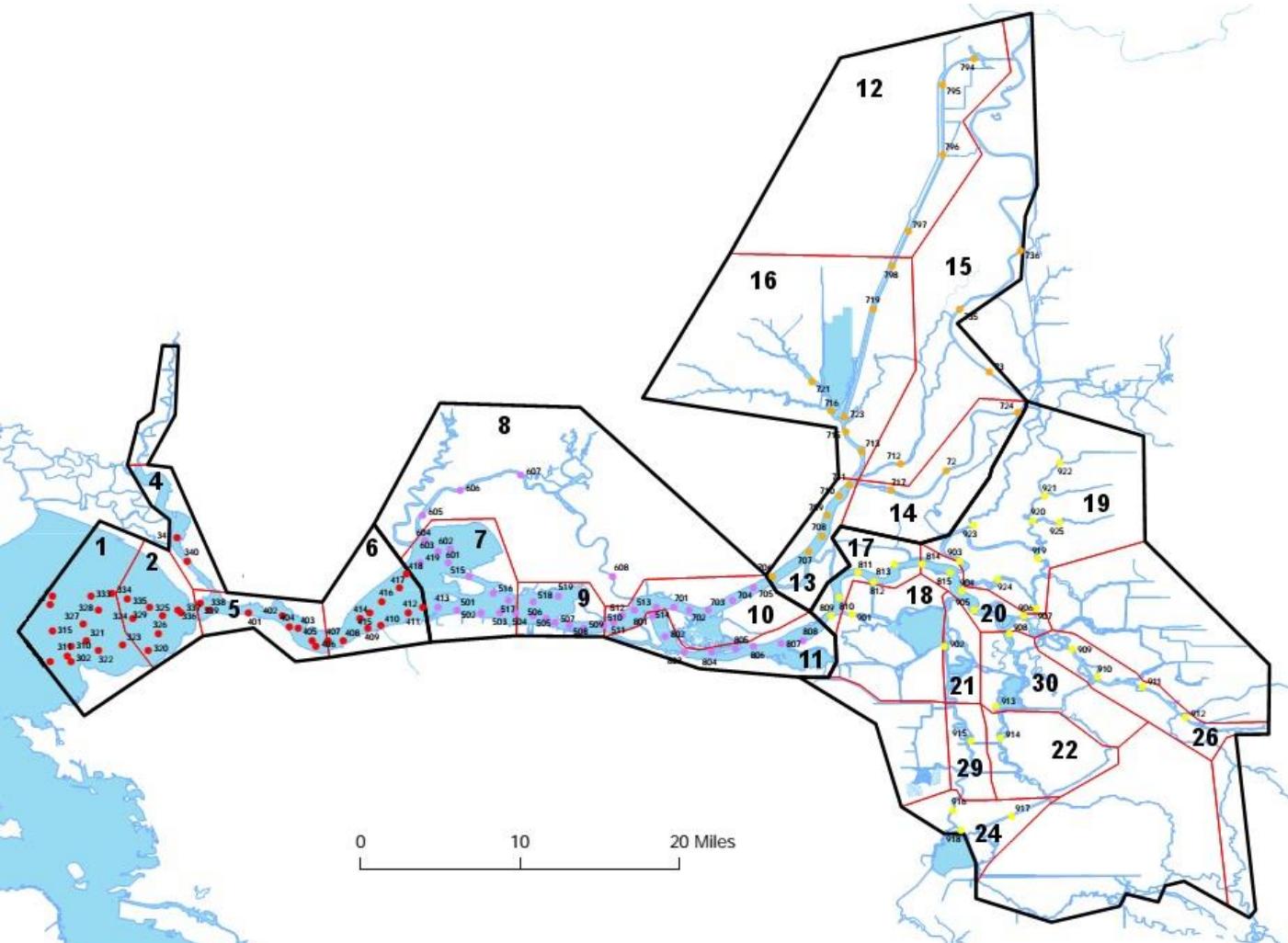
INTRO

- FMWT has sampled fish abundance in the SF estuary since 1967.
- FMWT data used to make management decisions regarding operation of the CVP and SWP pumps.
- 22 non-core sites were added to the FMWT survey 8-28 years ago to increase understanding of Delta Smelt distribution.
- Only the original 100 (core) stations are reported in abundance index memos.



METHODS

- Calculated new abundance indices and CPUE values using updated water volumes and station groupings.



RESULTS

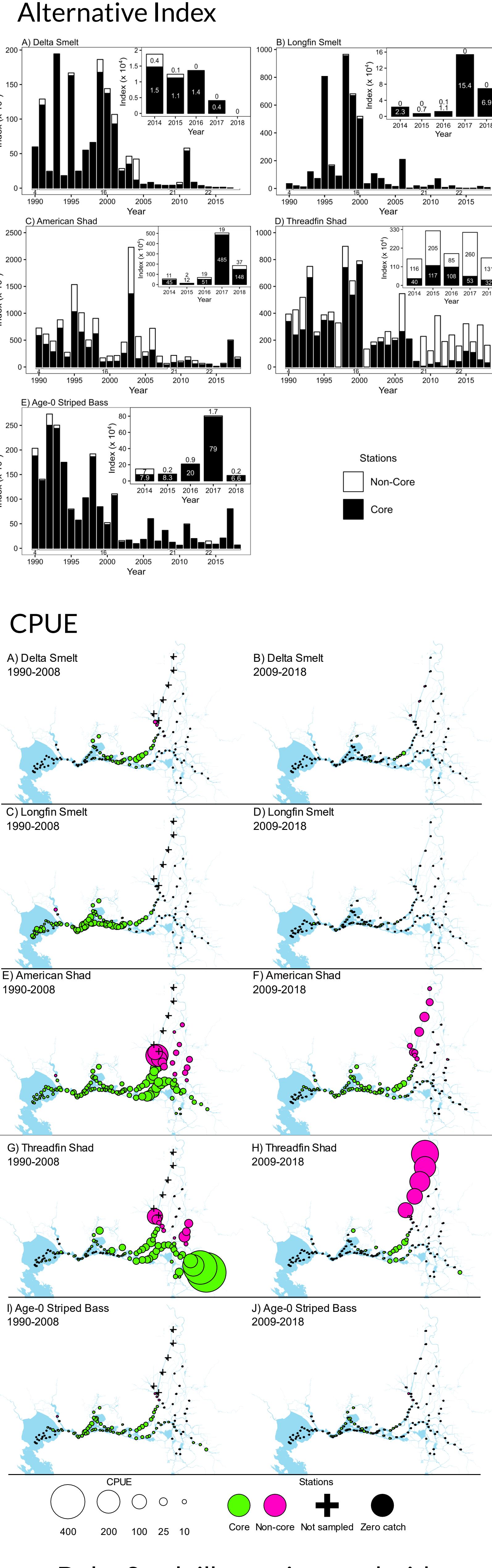
- Non-core stations added useful catch data for all species except Longfin Smelt.

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Recently added Fall Midwater

Trawl sites provide valuable catch data that is under reported.



Delta Smelt illustration used with permission by artist, René Reyes.

SUPPORTING AGENCIES

