

Interactive comment on “A long term (1965–2015) ecological marine database from the LTER-Italy site Northern Adriatic Sea: plankton and oceanographic observations” by Francesco Acri et al.

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Dear Dr. Fontaneto,

many thanks for the valuable and reasonable observations.

For the major suggestion you evidenced, we substantially agree with you and we will provide the extended name of each parameter observed by adding a column to the table 2, as you proposed. Moreover, we will add another, more comprehensive table in paragraph 6, reporting the extended name of all the observed and accessory

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parameters (such as date-time, sensors name, coordinates).

For the minor issues you reported:

- * we will correct the manuscript explaining all the acronyms in the order they appear in the revised version of the manuscript that we will upload after the discussion phase;
- * we will correct English wording;
- * lines in the water in figure 1 and 3 are territorial water limits (continuous violet lines) and navigation routes (dotted violet lines) contained in the original Open Street Map layer we used as a base map. Since they are not relevant to the figures or the context, we will provide a cleaned image (without these lines) in the revised version of the manuscript;
- * for the Senigallia - Telesenigallia ambiguity in Figure 1: the transect is called "Senigallia-Susak", so there is an error in the figure that we will correct (Telesenigallia Pylon instead is a pylon belonging to the CNR fixed sensors observation network that records data in continuous, near Senigallia);
- * in the database salinity is dimensionless, for pH we used the pH units. So, the "-" for pH record in Table 2 will be changed to "pH Units";
- * effectively there is a difference between the caption of the database (Figure 4) and the description in lines 215-221. We will proceed to upload a corrected version of Figure 4 complying with the description provided in the revised version of the manuscript;
- * we will correct factor/parameter ambiguity using only "parameter" term.

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