

# ***Interactive comment on “Trawl macrofauna of the Far-Eastern Seas and North Pacific: proportion of commercial species, potential product yield, and price range” by Igor V. Volvenko et al.***

**Igor V. Volvenko et al.**

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Dear Dirk Fleischer,

We are grateful for the opportunity to resubmit a revised version of our paper “Trawl macrofauna of the Far-Eastern Seas and North Pacific: proportion of commercial species, potential product yield, and price range”, and would like to thank you for your assistance in the submission and interactive discussion processes. We are very pleased that you and reviewers find our “manuscript is worth publishing and the data set contains valuable information”.

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We would also like to thank the reviewers for providing many constructive comments, which are very valuable in improving the quality of the manuscript and recommendations for future extension of our present work. All changes made to the original version are marked with yellow in revised version, and are listed below together with the line number:

I. 98 - "mesopelagic" is replaced by "bathypelagic"; I. 105 - "known to occur" is replaced by "known to occur (not only from trawl studies)"; I. 108 - the verb "are" is added; I. 244 - "Coelenterates" is replaced by "Cnidarians"; II. 283-284 - "almost two times lower" is replaced by "approximately half of the respective numbers for fish species"; I. 305 - "shellfish" is replaced by "molluscs"; II. 340, 345, 443 - "squid" is replaced by "squids"; I. 387 - "shell" is replaced by "shelled"; II. 32, 294, 398, 490, 504, 513, 531, 536, 566 - "fish" is replaced by "fishes"; I. 398 - "shrimp" is replaced by "shrimps"; II. 306, 332, 449 - "jellyfish" is replaced by "jellyfishes", II. 58, 59, 60 - page number changes due to the above corrections.

Next, we would like to answer your more general comments.

In the manuscript, indeed no information is given on the annual coverage of trawl surveys. If you insist, we can add another table to the Materials and Methods section. In this table, the rows will correspond to years, the columns to basins, and contents of the cells to the number of trawl samples in given locality for each year. However, we believe that such a large table will take up a lot of extra space without adding useful information, since this paper does not consider the long-term variability of species richness and/or species composition in the surveyed region.

We plan to consider changes in the number and geographical distribution of species among seasons and perennial periods in our next publications because this is a separate topic that goes beyond the stated goals and objectives of the present article. It is not possible to consider all problems in one manuscript, a series of large-scale publications is needed for this. We do believe that without the time-scale analysis, the

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information we provide in our manuscript is still important and useful.

In conclusion, you recommend us to "provide the raw trawl data". Unfortunately, we cannot do this because we are not the owners of this data. The Pacific Branch of Russian Federal Research Institute of Fisheries and Oceanography (TINRO) provides us with the opportunity to use these data and publish the results obtained on them, but it strictly prohibits transferring the source data to third parties as well as publishing the raw trawl data.

Best regards,

I. Volvenko, A. Orlov, A. Gebruk, O. Katugin, A. Ogorodnikova, G. Vinogradov, O. Maznikova

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