Discrete QAQC Report

TILER - Tediously Interpreting Layers of Extraneous Reporting

2024-02-21

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This document is intended to provide an overview of newly-exported Combined Tables.

The following files are included in the analysis:

- *All_CORAL_Parameters-2024-Jan-10.txt*

- *All_CORAL_Parameters-2023-Jun-06.txt*

- *All_CW_Parameters-2024-Jan-10.txt*

- *All_CW_Parameters-2023-Jun-05.txt*

- *All_NEKTON_Parameters-2024-Jan-10.txt*

- *All_NEKTON_Parameters-2023-Jun-05.txt*

- *All_Oyster_Parameters-2024-Jan-10.txt*

- *All_Oyster_Parameters-2023-Oct-11.txt*

- *All_SAV_Parameters-2024-Jan-10.txt*

- *All_SAV_Parameters-2023-Oct-12.txt*

Comparison of Current and Previous Exports - Overview

Table 1: Comparison of New vs. Old data exports

habitat	oldFile	newFile	nDataOld	nDataNew	difference
CORAL	2023-Jun-06	2024-Jan-10	10292435	8619609	-1672826
CW	2023-Jun-05	2024-Jan-10	32662	35821	3159
NEKTON	2023-Jun-05	2024-Jan-10	4084391	4090726	6335
Oyster	2023-Oct-11	2024-Jan-10	815430	815430	0
SAV	2023-Oct-12	2024-Jan-10	4104577	4703234	598657

Column Differences

There is a difference in Columns between exports for the following habitats:

CORAL

Columns in old export: *All_CORAL_Parameters-2023-Jun-06.txt*
AreaID, CommonIdentifier, CoralRegion, CoralRegionDup, DataFileName, GenusName, LocationID, MADup, ManagedAreaName, Month, ParameterName, PlotSize-m2, ProgramID, ProgramLocationID, ProgramName, QuadSize-m2, Region, ResultValue, RowID, SampleDate, SamplingMethod, SpeciesGroup1, SpeciesGroup2, SpeciesName, Year

Columns in new export: *All_CORAL_Parameters-2024-Jan-10.txt*
AreaID, CommonIdentifier, CoralRegion, CoralRegionDup, DataFileName, GenusName, Include, LocationID, MADup, ManagedAreaName, Month, ParameterName, PlotSize-m2, ProgramID, ProgramLocationID, ProgramName, QuadSize-m2, Region, ResultValue, RowID, SampleDate, SamplingMethod, SEACAR-QAQC-Description, SEACAR-QAQCFlagCode, SpeciesGroup1, SpeciesGroup2, SpeciesName, Year

CW

Columns in old export: *All_CW_Parameters-2023-Jun-05.txt*
CHIMMP, CommonIdentifier, DataFileName, GenusName, LocationID, MADup, ManagedAreaName, Month, ParameterName, ProgramID, ProgramLocationID, ProgramName, QuadIdentifier, QuadSize-m2, Region, ResultValue, RowID, SampleDate, SpeciesGroup1, SpeciesGroup2, SpeciesName, Transect-M, Year

Columns in new export: *All_CW_Parameters-2024-Jan-10.txt*
CHIMMP, CommonIdentifier, DataFileName, GenusName, Include, LocationID, MADup, ManagedAreaName, Month, ParameterName, ProgramID, ProgramLocationID, ProgramName, QuadIdentifier, QuadSize-m2, Region, ResultValue, RowID, SampleDate, SEACAR-QAQC-Description, SEACAR-QAQCFlagCode, SpeciesGroup1, SpeciesGroup2, SpeciesName, Transect-M, Year

NEKTON

Columns in old export: *All_NEKTON_Parameters-2023-Jun-05.txt*
AreaID, AreaSwept-m2, CommonIdentifier, DataFileName, DistanceTowed-m, EffortCorrection-100m2, GearSize-m, GearType, GenusName, LocationID, MADup, ManagedAreaName, MeshSize-mm, Month, ParameterName, ProgramID, ProgramLocationID, ProgramName, Region, ReplicateNumber-QuadIdentifier, ResultValue, RowID, SampleDate, SamplingMethod1, SamplingMethod2, SpeciesGroup1, SpeciesGroup2, SpeciesName, Speed-of-tow-kph, Time-of-tow-mm, Year

Columns in new export: *All_NEKTON_Parameters-2024-Jan-10.txt*
AreaID, AreaSwept-m2, CommonIdentifier, DataFileName, DistanceTowed-m, EffortCorrection-100m2, GearSize-m, GearType, GenusName, Include, LocationID, MADup, ManagedAreaName, MeshSize-mm, Month, ParameterName, ProgramID, ProgramLocationID, ProgramName, Region, ReplicateNumber-QuadIdentifier, ResultValue, RowID, SampleDate, SamplingMethod1, SamplingMethod2, SEACAR-QAQC-Description, SEACAR-QAQCFlagCode, SpeciesGroup1, SpeciesGroup2, SpeciesName, Speed-of-tow-kph, Time-of-tow-mm, Year

Oyster

Columns in old export: *All_Oyster_Parameters-2023-Oct-11.txt*
AreaID, DataFileName, HabitatClassification, LiveDate, LiveDate-MaxEstDate, LiveDate-MinEstDate, LiveDate-Qualifier, LocationID, MADup, ManagedAreaName, MinimumSizeMeasured-mm, Month, NumberMeasured-n, ParameterName, PercentLiveMethod, ProgramID, ProgramLocationID, ProgramName, QuadIdentifier, QuadSize-m2, ReefIdentifier, Region, ResultValue, RowID, SampleAge-Stdev, SampleDate, SurveyMethod, UniversalReefID, Year

Columns in new export: *All_Oyster_Parameters-2024-Jan-10.txt*
AreaID, DataFileName, HabitatClassification, Include, LiveDate, LiveDate-MaxEstDate, LiveDate-MinEstDate, LiveDate-Qualifier, LocationID, MADup, ManagedAreaName, MinimumSizeMeasured-mm, Month, NumberMeasured-n, ParameterName, PercentLiveMethod, ProgramID, ProgramLocationID, ProgramName, QuadIdentifier, QuadSize-m2, ReefIdentifier, Region, ResultValue, RowID, SampleAge-Stdev, SampleDate, SEACAR-QAQC-Description, SEACAR-QAQCFlagCode, SurveyMethod, UniversalReefID, Year

SAV

Columns in old export: *All_SAV_Parameters-2023-Oct-12.txt*
AreaID, CommonIdentifier, DataFileName, Depth-M, Drift-Attached, GenusName, Grid, LocationID, MADup, ManagedAreaName, Month, ParameterName, ProgramID, ProgramLocationID, ProgramName, QuadIdentifier, QuadSize-m2, Region, ReportingLevel, ResultValue, RowID, SampleDate, SamplingMethod1, SamplingMethod2, SiteIdentifier, SpeciesGroup1, SpeciesName, Year

Columns in new export: *All_SAV_Parameters-2024-Jan-10.txt*
AreaID, CommonIdentifier, DataFileName, Depth-M, Drift-Attached, GenusName, Grid, Include, LocationID, MADup, ManagedAreaName, Month, ParameterName, ProgramID, ProgramLocationID, ProgramName, QuadIdentifier, QuadSize-m2, Region, ReportingLevel, ResultValue, RowID, SampleDate, SamplingMethod1, SamplingMethod2, SEACAR-QAQC-Description, SEACAR-QAQCFlagCode, SiteIdentifier, SpeciesGroup1, SpeciesGroup2, SpeciesName, Year

Species Differences

There is a difference in Species between exports for the following habitats:

CORAL

Old export: *All_CORAL_Parameters-2023-Jun-06.txt*
New export: *All_CORAL_Parameters-2024-Jan-10.txt*

Table 2: Comparison of Species

sp	export
Actiniaria	new
Agaricia agaricites	new
Agaricia humilis	new
Apogon robinsi	new
Astroscopus ygraecum	new
Axinellida	new
Batophora spp.	new
Blenniidae	new
Blenniidae sp.	new
Bryozoa	new
Callyspongia (Callyspongia) fallax	new
Caranx bartholomaei	new
Coralliophila erosa	new
Crustacea	new
Drift red algae	new
Echidna catenata	new
Echinoidea	new
Gnatholepis cauerensis	new
Gramma melacara	new
Haliclona (Reneira) aquaeductus	new
Halophila spp.	new
Hydrozoa	new
Kyphosus vaigiensis	new
Leiostomus xanthurus	new
Micrognathus crinitus	new
Mycale (Mycale) laevis	new
Neopetrosia carbonaria	new
Octocorallia	new
Other calcareous macroalgae	new
Other fleshy macroalgae	new
Other green algae	new
Other red algae	new
Pempheris poeyi	new
Porites cf. branneri	new
Red calcareous branching algae	new
Scleractinia	new
Scorpaena brasiliensis	new
Selachii	new
Sparidae sp.	new
Sphoeroides	new
Stephanolepis hispida	new
Syngnathus louisianae	new

sp	export
Tedania (Tedania) ignis	new
Tetraodontidae	new
Thick turf	new
Tigrigobius macrodon	new
Total brown algae	new
Total calcareous green algae	new
Total green algae	new
Total macroalgae	new
Total other green algae	new
Total other red algae	new
Total SAV	new
Turf algae free of sediment	new
Turf algae with sediment	new
Unidentified mangrove	new
Unidentified species	new
Unknown black smooth encrusting sponge	new
Unknown blue sponge	new
Unknown brown encrusting sponge	new
Unknown brown smooth sponge	new
Unknown brown tube sponge	new
Unknown brown vein sponge	new
Unknown encrusting/other sponge	new
Unknown green encrusting sponge	new
Unknown olive sponge	new
Unknown orange encrusting sponge	new
Unknown orange massive sponge	new
Unknown pink lumpy sponge	new
Unknown red encrusting sponge	new
Unknown red lumpy tube sponge	new
Unknown red squishy sponge	new
Unknown seagrass	new
Unknown vase/tube sponge	new
Zebrasoma velifer	new

CW

Old export: *All_CW_Parameters-2023-Jun-05.txt*
New export: *All_CW_Parameters-2024-Jan-10.txt*

Table 3: Comparison of Species

sp	export
Agalinis maritima	new
Amaranthus cannabinus	new
Bare substrate	new
Cephalanthus occidentalis	new
Distichlis littoralis	new
Pluchea baccharis	new
Symphyotrichum subulatum	new
Telmatoblechnum serrulatum	new
Typha latifolia	new

sp	export
Yucca sp.	new

NEKTON

Old export: *All_NEKTON_Parameters-2023-Jun-05.txt*
New export: *All_NEKTON_Parameters-2024-Jan-10.txt*

Table 4: Comparison of Species

sp	export
Achelous gibbesii	new
Achelous spinimanus	new
Acipenser oxyrinchus	new
Astroscopus ygraecum	new
Belzebub faxoni	new
Brachyura	new
Caranx bartholomaei	new
Cuapetes americanus	new
Dyspanopeus texanus	new
Hypleurochilus multifilis	new
Moreiradromia antillensis	new
Neverita duplicata	new
No gear set	new
Ophichthidae	new
Ophioderma spp.	new
Ovalipes spp.	new
Palaemon mundusnovus	new
Palaemon pugio	new
Palaemon spp.	new
Palaemon vulgaris	new
Penaeidae	new
Penaeus aztecus	new
Penaeus setiferus	new
Penaeus sp.	new
Pinnixa spp.	new
Pseudocrenilabrinae	new
Rimapenaeus similis	new
Scaridae spp.	new
Stephanolepis hispida	new
Thor spp.	new
Unidentified species	new
Urocaris longicaudata	new
Vitta usnea	new
Vokesinotus perrugatus	new
Xanthidae sp.	new

SAV

Old export: *All_SAV_Parameters-2023-Oct-12.txt*
New export: *All_SAV_Parameters-2024-Jan-10.txt*

Table 5: Comparison of Species

sp	export
Actiniaria	new
Drift red algae	new
Halophila spp.	new
Hydrozoa	new
Neomeris	new
Octocorallia	new
Other green algae	new
Other red algae	new
Porifera	new
Scleractinia	new
Total brown algae	new
Total calcareous green algae	new
Total green algae	new
Total macroalgae	new
Total other green algae	new
Total other red algae	new
Total SAV	new
Unidentified mangrove	new
Unidentified species	new
Unknown blue sponge	new
Unknown orange encrusting sponge	new
Unknown seagrass	new
Vaucheria	new
Yuzurua poiteaui	new