Center for Coastal Monitoring and Assessment

National Status and Trends

Data Dictionary for Oyster Histopath Files

Variable	Variable Label	Description	Example
Study	Study Name	The study for which the given record was collected.	San Pedro Bay
NST_Site	NS&T Site Code	A character code that defines the NS&T sampling site name. Codes are generally defined by the site's general and specific location.	BBBE
General Location	General Location	Defines the general location of a site.	San Pedro Bay
Specific Location	Specific Location	Defines the specific location of a site.	Southwest Slip
State Name	State	The US State or Territory where a NS&T sampling location resides.	Maryland

Region	Region Name	This defines the basic region where an NS&T sampling location is located.	West Coast
Specific Region	Specific Region	This defines the basic region where an NS&T sampling location is located.	Southern California Bight
Coastal Ecological Area	Coastal Ecological Area	This is another field to help define where an NS&T sampling location is located	Hudson River, Raritan Bay and Southern Long Island
Latitude	Latitude	Latitude in decimal degrees	47.25687
Longitude	Longitude	Longitude in decimal degrees	119.25687
NST_Sample_ID	NS&T Sample ID	This is a unique identifier that defines a specific sample.	BA1995BIS_001_95SED

Station Letter	Sample Letter	In some cases, multiple samples of oysters were sampled at a given site in a year. This field defines the sample being analyzed.	a
Sample Number	Sample Number	Typically 12 Oysters were sampled for each oyster histopath sample. 5 were tested for all parameters and 7 were tested for a small subset.	3
Fiscal Year	Fiscal Year	This is the Fiscal Year when the sample was collected	1999
Condition Code	Condition Code	A dummy variable that defines the condition of the Oyster.	3

Condition Code Description	Condition Code Description	Describes the condition of the Organism.	Good Minus : Coloration less opaque, often slightly yellow or gray
Sex	Sex	The Sex of the Organism if known.	Male
Gonadal Index	Gonadal Index	This is a dummy variable that defines the bivalve development reproduction stage.	5
Gonadal Index Description	Gonadal Index Description	This description describes the gonadal index code.	Oyster - 5 : Fully Developed
Length	Length	Length of the organism	12
Wet Weight	Wet Weight	Wet weight of the organism	8.54
Full Displacement Volume	Full Displacement Volume	Full Displacement Volume	1050

Empty Displacement Volume	Empty Displacement Volume	Empty Displacement Volume	780
Dermo	Perkinsus Marinus	Infection intensity code for Perkinsus Marinus.	LM
Dermo Infection Intensity	Perkinsus Marinus Infection Intensity	Infection intensity definition for Perkinsus marinus	Light/Moderate
Dermo Numerical Value	Perkinsus Marinus Numerical Value	Semi-quantitative scale of infection intensity for Perkinsus marinus	2
Dermo Description	Perkinsus Marinus Description	Infection intensity description for Perkinsus marinus	25% of tissue is hypnospores
Gonad Subsample Wet Weight	Gonad Subsample Wet Weight	Gonad Subsample Wet Weight	12

Ceroid	Ceroid Bodies	Distinct brown-yellow aggregates that may occur in large clumps, and appear to be involved in metabolite accumulation and detoxification	4
Cestode Body	Cestode Body	Parasitic flatworms found in the body of the bivalve	3
Cestode Gill	Cestode Gill	Parasitic flatworms found in the gill of the bivalve	5
Cestode Mantle	Cestode Mantle	Parasitic flatworms found in the mantle of the bivalve	2
Ciliate Digestive Tract	Ciliate Digestive Tract	Ciliate Digestive Tract	1
Ciliate Gut	Ciliate Gut	Ciliate Gut	3
Ciliate Large Gill	Ciliate Large Gill	Ciliate Large Gill	5
Ciliate Small Gill	Ciliate Small Gill	Ciliate Small Gill	1

Copepod Body	Copepod Body	Parasitic crustaceans found in the bivalve body	4
Copepod Gill	Copepod Gill	Parasitic crustaceans found in the bivalve gill	3
Copepod Gut Digestive Tubule	Copepod Gut Digestive Tubule	Parasitic crustaceans found in the bivalve digestive tubule	1
Nematode	Nematode	Nematodes are roundworms of which more than half of parasitic.	5
Nematopsis Body	Nematopsis Body	Sporozoan parasites found in the body	1
Nematopsis Gill	Nematopsis Gill	Sporozoan parasites found in the gill	1
Nematopsis Mantle	Nematopsis Mantle	Sporozoan parasites found in the mantle	1
Neoplasm	Neoplasm	Neoplasm	0

Pea Crab	Pea Crab	The pea crab lives as a parasite in oysters, clams, mussels and other bivalves.	1
Rickettsia Digestive Tubule	Rickettsia Digestive Tubule	Rickettsia Digestive Tubule	0
Rickettsia Gut	Rickettsia Gut	Rickettsia Gut	0
Proctoeces	Proctoeces	Proctoeces	0
Bucephalus	Bucephalus	The genus name for many trematode flatworms that are parasites of molluscs that primarily live inside the digestive tract	2
Trematode Metacercariae	Trematode Metacercariae	Trematdoes are small parasitic flatworms that use bivalves as their intermediate host. Infection intensity is scored on a semi-quantitative scale.	1

Trematode Metacercariae Description	Trematode Metacercariae Description	Descriptions for the relevant infection intensity score.	Present in the gonads only (some gametic tissue still present)
Diffuse Necrosis	Diffuse Necrosis	Diffuse Necrosis	0
Focal Necrosis	Focal Necrosis	Focal Necrosis	0
Diffuse Inflammation	Diffuse Inflammation	Tissue inflammation characterzed by intense infiltration of hemocytes when the affected area does not appear to have a clear center or focal point of highest hemocyte concentration and hemocytes are abundand and distributed broadly over a large section of tissue.	0

Focal Inflammation	Focal Inflammation	Tissue inflammation characterzed by intense infiltration of hemocytes when the affected area does appear to have a clear center or focal point of highest hemocyte concentration and hemocytes are abundand and distributed broadly over a large section of tissue.	0
Digestive Tubule Atrophy	Digestive Tubule Atrophy	This measures using a semi-quantitative scale whether the bivalve is getting proper nutrition or exposed to contaminants	2
Digestive Tubule Atrophy Description	Digestive Tubule Atrophy Description	This describes the results of the scale	Wall thickness averaging about one-half as thick as normal

Multinucleated sphere X	Multinucleated sphere X	Semi-quantitative scale for Haplosporidium nelsoni infection	5
Multinucleated sphere X Description	Multinucleated sphere X Description	Descriptions for semi-quantitative results for Haplosporidium nelsoni infection	Moderate systemic infection, averaging 11 to ≤ 20 parasites per 1000X oil immersion field
Xenoma	Xenoma	Growth caused by various protists and fungi	5
Edema	Edema	Edema	0
Hydra Gill	Hydra Gill	Hydra Gill	0
Nemertine Gill	Nemertine Gill	Nemertine Gill	0
Other trematode sporocyst gill	Other trematode sporocyst gill	Other trematode sporocyst gill	0
Other trematode sporocyst gut	Other trematode sporocyst gut	Other trematode sporocyst gut	0

Protozoan Digestive Tubule	Protozoan Digestive Tubule	Protozoan Digestive Tubule	0
Protozoan Gut	Protozoan Gut	Protozoan Gut	0
Tumor	Tumor	Measures swelling of a part of the body, generally without inflammation, caused by an abnormal growth of tissue, whether benign or malignant.	1
Unidentified Gonoduct Organism	Unidentified Gonoduct Organism	Unidentified Gonoduct Organism	0
Unidentified Organism	Unidentified Organism	Unidentified Organism	0
Unusual Digestive Tubule	Unusual Digestive Tubule	Unusual Digestive Tubule	0