Center for Coastal Monitoring and Assessment

National Status and Trends

Data Dictionary for Mussel 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

Sample Number	Sample Number	Typically 5 mussels were analyzed each time histopath data was collected at a station. This code keeps track of which organism had which results.	3
Fiscal Year	Fiscal Year	This is the Fiscal Year when the sample was collected	1999
Abnormality	Abnormal Gonadal Development	Semi-quantitative scale for abnormal gonadal development	2
Abnormality Description	Abnormal Gonadal Development Description	Descriptions for possible abnormal gonadal development results	About half the follicles are affected

Gonadal Index	Gonadal Index	This is a dummy variable that defines the bivalve development reproduction stage.	S3
Gonadal Index Description	Gonadal Index Description	This description describes the Gonadal Index Code.	Gonad about half empty
Sex	Sex	The Sex of the Organism if known.	Male
Length	Length	Length of the organism	12
Wet Weight	Wet Weight	Wet Weight of the organism	8.54

Ceroid	Ceroid Bodies	Distinct brown-yellow aggregates that may occur in large clumps, and appear to be involved in metabolite accumulation and detoxification	4
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
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
Pseudoklossia	Pseudoklossia	A protozoan parasite that is occasionally observed in the kidney of mytilid mussels	3

Chlamydia	Chlamydia	Genus of bacteria that are obligate intracellular parasites	2
Rickettsia Digestive Tubule	Rickettsia Digestive Tubule	Rickettsia Digestive Tubule	0
Rickettsia Gut	Rickettsia Gut	Rickettsia Gut	0
Bucephalus	Bucephalus	The genus name for many parasitic trematode flatworms that primarily live inside the digestive tract	2
Metacercaria	Metacercaria	Metacercaria	4
Trematode Metacercariae	Trematode Metacercariae	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 characterized by intense infiltration of hemocytes when the affected area does have a clear center or focal point of highest hemocyte concentration and hemocytes are abundant and distributed broadly over a large section of tissue.	0
Digestive Tubule Atrophy	Digestive Tubule Atrophy	This measures whether the bivalve is getting proper nutrition or exposed to contaminants using a semi-quantitative scale	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

Xenoma	Xenoma	Growth caused by various protists and fungi	5
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