

## Center for Coastal Monitoring and Assessment

### National Status and Trends

#### Data Dictionary for Clam Histopath Files

Variable	Variable Label	Description	Example
Study	Study Name	This is 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	The general location of the site.	San Pedro Bay
Specific Location	Specific Location	The specific location of the site.	Southwest Slip

State Name	State	The US State or Territory where a NS&T sampling location is located.	Maryland
Region	Region Name	The region where an NS&T sampling location is located.	West Coast
Specific Region	Specific Region	The basic region where an NS&T sampling location is located.	Southern California Bight
Coastal Ecological Region	Coastal Ecological Area	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	A unique identifier that defines a specific sample.	BA1995BIS_001_95SED

Sample Number	Sample Number	There are normally numerous clams sampled from each site where they're collected. This number is which clam at the sample was analyzed.	3
Fiscal Year	Fiscal Year	The fiscal year when the sample was collected	1999
Sex	Sex	The sex of the organism if known.	Male
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	A dummy variable that defines the bivalve development reproduction stage.	S3
Gonadal Index Description	Gonadal Index Description	This description describes the gonadal index dummy variable.	Gonad about half empty
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
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	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	An abnormal growth of tissue	0
Rickettsia Digestive Tubule	Rickettsia Digestive Tubule	Rickettsia Digestive Tubule	0
Rickettsia Gut	Rickettsia Gut	Rickettsia Gut	0
Proctoece	Proctoece s	Proctoece	0

Trematode Metacercariae	Trematode Metacercariae	Parasitic flatworms that use bivalves as their 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)
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
Diffuse Necrosis	Diffuse Necrosis	Diffuse Necrosis	0

Focal Necrosis	Focal Necrosis	Focal Necrosis	0
Diffuse Inflammation	Diffuse Inflammation	Tissue inflammation characterized 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 abundant 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 appear to 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
Multinucleated sphere X	Multinucleated sphere X	Semi-quantitative scale for <i>Haplosporidium nelsoni</i> infection	5
Multinucleated sphere X Description	Multinucleated sphere X Description	Descriptions for semi-quantitative results for <i>Haplosporidium nelsoni</i> infection	Moderate systemic infection, averaging 11 to $\leq$ 20 parasites per 1000X oil immersion field

Xenoma	Xenoma	Growth caused by various protists and fungi	5
Unidentified Organism	Unidentified Organism	Unidentified Organism	0
Unusual Digestive Tubule	Unusual Digestive Tubule	Unusual Digestive Tubule	0

National Centers for Coastal Ocean Science