

<b>internal ID</b>	<b>species</b>	<b>location</b>	<b>town</b>	<b>beach #</b>	<b>day month</b>	<b>year</b>
TV-03-023	herring gull	East Beach	Westport	LC-03b	4 January	2003
TV-03-192	bonaparte's gull	Lloyd Center - ? Unknown location in South Dartmouth a	South Dartmouth	U	U U	2003
TV-04-064	brant	Nonquitt Beach	Dartmouth	LC-09	14 February	2004
TV-05-018	ring-billed gull	Fort Pheonix - on beach at end of Farmfield Rd	Fairhaven	LC-15	31 December	2004
TV-03-025	herring gull	West Island South	Fairhaven	LC-19	1 February	2003
TV-03-006	common eider	Elephant Rock - directly in front of beach club	Westport	LC-01a	29 November	2002
TV-03-186	razorbill	Elephant Rock Beach	Westport	LC-01a	28 March	2003
TV-03-187	red-throated loon	Elephant Rock, Westport	Westport	LC-01a	20 April	2003
TV-03-188	grebe	Elephant Rock Beach	Westport	LC-01a	20 April	2003
TV-03-055	razorbill	Elephant Rocks beach opposite Cockeast point	Westport	LC-01a	28 March	2003
TV-05-128	common loon	Elephant Rock	Westport	LC-01a	30 March	2005
TV-03-191	common loon	West Island Beach	Fairhaven	LC-20a	13 April	2003
TV-04-062	ring-billed gull	West Island	Fairhaven	LC-20a	3 March	2004
TV-05-019	herring gull	West Island/Rocky Pt - near inlet, near start point	Fairhaven	LC-20a	8 April	2004
TV-03-021	western sandpiper	Converse point, Acoot cove	Marion	LC-28	25 January	2003
TV-03-024	northern gannet	Cherry & Webb beach - 3500 ft west of Central ave	Westport	LC-02a	17 December	2003
TV-03-054	red-throated loon	Cherry & Webb beach	Westport	LC-02a	21 February	2003
TV-03-026	herring gull	Horseneck beach - west end near Bakers Beach	Westport	LC-02b	1 January	2003
TV-03-012	northern gannet	Horseneck beach - bar rock	Westport	LC-02b	14 November	2002
TV-03-018	northern gannet	Baker's Beach	Westport	LC-02b	14 November	2002
TV-03-183	red-throated loon	Horseneck Beach, Westport	Westport	LC-02b	8 April	2003
TV-03-189	red-breasted merganser	Horseneck beach, Westport	Westport	LC-02b	30 April	2003
TV-05-243	snowy egret	Horseneck Beach plover plot	Westport	NA	29 July	2005
TV-05-012	common eider	Gooseberry Beach, Westport	Westport	LC-03a	30 December	2004
TV-03-022	razorbill	Gooseberry Island Causeway - 1 point on E side	Westport	LC-03b	10 January	2003
TV-03-027	herring gull	Gooseberry Island Causeway	Westport	LC-03a	1 January	2003
TV-03-190	red-throated loon	Gooseberry Beach, Westport	Westport	LC-03a	29 April	2003
TV-03-254	northern gannet	Little Beach, near Allen's Pond, Dartmouth	Dartmouth	LC-04	2 November	2003
TV-04-061	dovekie	Little Beach	Dartmouth	LC-04	U January	2004
TV-04-056	red-throated loon	Damarest Lloyd state park	Dartmouth	LC-05	26 March	2003
TV-03-185	red-throated loon	Damarest Lloyd state park	Dartmouth	LC-05	U April	2003
TV-05-020	white-winged scoter	Barney's Joy Beach	Dartmouth	LC-05	12 November	2004
TV-03-184	red-throated loon	Little River N of Syke's Island	Bristol	LC-06	30 April	2003
TV-03-007	surf scoter	Salters Beach	South Dartmouth	LC-07a	11 December	2002
TV-03-255	herring gull	New Bedford South	Dartmouth	LC-08	9 November	2003
TV-05-156	common loon	South Monomoy NWR, PIPL 1B at lighthouse	Chatham	NA (USFWS)	7 July	2005

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TV-05-185	common loon	side of Shore Rd in front of house #121	Chatham	NA (USFWS)	5 April	2005
TV-05-202	greater shearwater	South Monomoy NWR	Chatham	NA (USFWS)	2 July	2005
TV-05-203	sooty shearwater	South Monomoy NWR	Chatham	NA (USFWS)	U U - july?	2005
TV-05-204	sooty shearwater	South Monomoy NWR	Chatham	NA (USFWS)	U U - july?	2005
TV-03-201	surf scoter	U via Buttonwood zoo	Buzzards Bay region	NA	12 July	2003
TV-03-222	piping plover	Joseph Sylvia State Beach	Vineyard Haven	NA	29 May	2001
TV-03-223	piping plover	Joseph Sylvia State Beach	Vineyard Haven	NA	18 May	2003
TV-05-172	red-breasted merganser	Slocum River Inlet	Dartmouth	NA	17 April	2004
TV-05-257	willet	West Dennis Beach	Dennis	NA (MAS)	7 June	2005
TV-03-210	white-winged scoter	Plum Island	Newburyport	PI-01	27 November	2002
MW-04-01	red-necked grebe	Ducktrap Beach	Lincolnville	ME-26	21 July	2004
MW-04-09	herring gull	Phippsburg beach	Phippsburg	ME-19	19 September	2004

<b>internal ID</b>	<b>species</b>	<b>age</b>	<b>sex</b>
TV-03-023	herring gull	adult	U
TV-03-192	bonaparte's gull	immature	male
TV-04-064	brant	adult	male
TV-05-018	ring-billed gull	adult	female
TV-03-025	herring gull	adult	female
TV-03-006	common eider	adult	male
TV-03-186	razorbill	adult	U
TV-03-187	red-throated loon	U	U
TV-03-188	grebe	U	U
TV-03-055	razorbill	adult	male
TV-05-128	common loon	adult	female
TV-03-191	common loon	adult	female
TV-04-062	ring-billed gull	immature	U
TV-05-019	herring gull	adult	female
TV-03-021	western sandpiper	adult	male
TV-03-024	northern gannet	HY	female
TV-03-054	red-throated loon	adult	female
TV-03-026	herring gull	adult	U
TV-03-012	northern gannet	second-year	female
TV-03-018	northern gannet	adult	female
TV-03-183	red-throated loon	U	U
TV-03-189	red-breasted merganser	adult	male
TV-05-243	snowy egret	immature	U
TV-05-012	common eider	adult	female
TV-03-022	razorbill	adult	male
TV-03-027	herring gull	adult	male
TV-03-190	red-throated loon	adult	U
TV-03-254	northern gannet	second-year	U
TV-04-061	dovekie	adult	male
TV-04-056	red-throated loon	adult	male
TV-03-185	red-throated loon	adult	U
TV-05-020	white-winged scoter	adult	female
TV-03-184	red-throated loon	second-year	female
TV-03-007	surf scoter	adult	male
TV-03-255	herring gull	immature	female
TV-05-156	common loon	adult	U

<b>internal ID</b>	<b>species</b>	<b>age</b>	<b>sex</b>
TV-05-185	common loon	adult	female
TV-05-202	greater shearwater	adult	male
TV-05-203	sooty shearwater	adult	U
TV-05-204	sooty shearwater	adult	U
TV-03-201	surf scoter	adult	male
TV-03-222	piping plover	adult	U
TV-03-223	piping plover	adult	female
TV-05-172	red-breasted merganser	adult	male
TV-05-257	willet	adult	male
TV-03-210	white-winged scoter	adult	male
MW-04-01	red-necked grebe	adult	July
MW-04-09	herring gull	immature	September

## internal ID pathology

- TV-03-023 nd
- TV-03-192 carcass autolyzed, empty upper GI tract, emaciated, tip of upper mandible broken (post or premortem?)
- TV-04-064 emaciated; no gross pathology or trauma
- TV-05-018 large amount of fat, well nourished, no wounds or fx, a roundworm on GI wall
- TV-03-025 nsf
- TV-03-006 open wound L carpus associated with steel shot gun pellet, open R humeral fx, R lobe liver appears macerated, possibly antemortum, adequate foodstuffs, shells, rocks, etc, skin easily tears
- TV-03-186 carcass decomposing and autolyzed; skin over keel with sand subQ; majority of pectoral muscles missing; emaciated
- TV-03-187 decomposed; all internal organs gone
- TV-03-188 carcass damaged; no internals, decapitated
- TV-03-055 emaciated, gastric ulceration and hemorrhage, SQ pellet over R pectoral muscle - no pathology associated with it
- TV-05-128 very emaciated - no fat anywhere; pectoral muscle on R greenish yellow, bruise-like region on skin (5x2 cm); sternal puncture on R side; R airsac cloudy opaque; lots of tapeworms and roundworms in GI
- TV-03-191 some scavenger damage to R distal foot; some SQ fat in upper thoracic area, scapulas very palpable and visible from dorsal view
- TV-04-062 no radiographic abnormalities; no gross lesions seen; bird was in relatively good body condition
- TV-05-019 although radio-opacity (small metallic object) was found on rads in R caudal area, source was not found in dissection of gut and surrounding tissue; moderate amounts of fat
- TV-03-021 some blood in mouth, very little fat
- TV-03-024 lesions on kidney, blood tinged fluid on lungs, adrenals appear enlarged, several adherent, raised nodular, granulomatous lesions on proventriculus, pericardium full of fluid; 20 + nematodes in lumen of gizzard
- TV-03-054 carcass wet and covered in sand; skin open at several points allowing sand into body cavity and bones to be exposed (post-mortem); very autolyzed
- TV-03-026 blood in and around mouth, lungs filled with bloody froth, caudal airsacs have bloody fluid, old fracture of R sternum at coracoid articulation, stomach filled with junk
- TV-03-012 caudal thoracic airsac wall thickened, possible aspergillosis, R cranial: whitish plaques covering approx 16 mm, adrenals and thyroid enlarged, some particulate matter in oral cavity, holes in webbing on R foot
- TV-03-018 emaciated, molting, carcass severely autolyzed
- TV-03-183 carcass very badly decomposed - major scavenger damage - all organs gone - only brain taken
- TV-03-189 decomposed; thoracic and abdominal organs gone
- TV-05-243 very thin, autolyzed
- TV-05-012 didn't find pieces of shot, although something on rads; scavenged in through back, all entrails eaten, lots of sand/rocks in body cavity; skinny, prominent keel, some of pectoral muscles eaten
- TV-03-022 pale kidneys; no gross lesions
- TV-03-027 50 mm hook in proximal proventriculus and distal esophagus perforated, trachea deviated to L because of fibrous necrotic material from perforated esophagus, ventriculus filled with fishing line and shells
- TV-03-190 extremely autolyzed; hemorrhage of temporal muscles
- TV-03-254 extensive, severe peritonitis with fibrous adhesions among all GI organs, airsac, sternum to pericardium; foreign matter in caudal coelem - possibly ingesta; possible GI rupture - no inciting cause evident
- TV-04-061 bird was moderately autolyzed but still appeared to have blood filling parabronchus
- TV-04-056 emaciated; right clavicle fx, healing; very autolyzed
- TV-03-185 no obvious trauma; too autolyzed to evaluate
- TV-05-020 broken L tibio-tarsus; loads of subQ fat and coronary fat; great muscle condition; great feather condition; very little gut contents (contents of LI very bloody but no evidence of trauma other than broken leg)
- TV-03-184 no signs of trauma or parasites, animal emaciated
- TV-03-007 traumatic injury - fx L tarsometatarsus + injury to foot webbing, sternal fx + coracoid/sternal disarticulation + R rib, syrinx crushed, lungs hemorrhagic, (could be post-mortem), liver small
- TV-03-255 massive fungal infection with plaques covering sternum, lungs, airsacs, mesentery, kidney, cranial heart - probable asper; very emaciated; autolyzing
- TV-05-156 very emaciated; autolyzed - maggots in trachea and body cavity; rocks in gizzard, tapeworms in GI tract and blood

### **internal ID pathology**

TV-05-185 hole in neck cutting the trachea; not fresh - could be post-mortem; GI covered with tapeworms and acanthocephalans; huge rocks and crab pieces in gizzard; sm intestines crayfish parts

TV-05-202 good external condition, emaciated - no fat, poor muscle condition; lots of plastic in gizzard - distended; plastic in provent

TV-05-203 emaciated, poor fat/muscle; broken L rib, sternum, detached L coracoid (no bruising, etc so could be post-mortem); piece of plastic in gizzard - sig % volume, unknown plant rod in provent

TV-05-204 laceration over L and R humerus - bone exposed; crushed sternum; emaciated, little muscle or fat; missing all internal organs - scavenged?

TV-03-201 SQ fat OK; sternum keel very prominent; emaciated (or species variability?); internal organs moderately autolyzed

TV-03-222 carcass completely scavenged - all internal organs missing

TV-03-223 bird in good body condition; several bloody wounds, blood in and around mouth; bloody fluid in trachea and bronchi, extensive hemorrhage of lungs

TV-05-172 emaciated; serous fluid within pericardium and coelomic cavity; streaked pectoral muscles (sarcocystis); pale kidneys; bill and tongue tangled in yarn/thin rope, some roundworms in GI

TV-05-257 bleeding around L wing joint and to body, L thigh joint to body (internal blood); bruises on L pectoral and subQ hematoma; broken ribs under L pectoral bruise - could be predator attack

TV-03-210 emaciated, carcass extremely autolyzed, no other gross findings

MW-04-01 small puncture wound at cranial R shoulder, nsf on xray; feathers found inside provent and gizzard, large tapeworm in GI; black nodular debris on liver and fibrin tag

MW-04-09 hemorrhage in abdominal cavity and lungs; contusions of oral cavity and oropharynx; emaciated; mild to moderate autolysis - premortem

<b>internal ID</b>	<b>cause of death</b>	<b>samples taken</b>	<b>High Hg?</b>	<b>High Pb?</b>
TV-03-023	unknown	none	not tested	LOW
TV-03-192	unknown	2 liver, feathers	not tested	LOW
TV-04-064	unknown	1 liver, 1 brain, feathers	not tested	not tested
TV-05-018	unknown	1 liver, 1 brain, feathers	not tested	not tested
TV-03-025	unknown	liver, feathers	not tested	not tested
TV-03-006	steel shot in R wing, R humurous fx, L carpal fx	4 liver, 1 brain	LOW	LOW
TV-03-186	unknown	1 liver, 1 brain, feathers	not tested	LOW
TV-03-187	unknown	1 brain	not tested	not tested
TV-03-188	unknown	feathers	not tested	LOW
TV-03-055	unknown - emaciated, pellet, gastric ulceration	1 liver, 1 brain, feathers	ABOVE 10 ppm	LOW
TV-05-128	unknown, emaciation	2 liver, feathers	not tested	not tested
TV-03-191	unknown	3 liver, 1 brain, feathers	not tested	not tested
TV-04-062	unknown	1 liver, 1 brain, feathers	not tested	not tested
TV-05-019	unknown	2 liver, 1 brain, feathers	not tested	not tested
TV-03-021	unknown	liver, feathers	not tested	not tested
TV-03-024	starvation?	2 liver, feathers saved	LOW	LOW
TV-03-054	unknown	feathers, 1 liver, 1 brain	LOW	LOW
TV-03-026	unknown	liver, feather s saved	not tested	not tested
TV-03-012	unknown, asper?	2 liver, 1 brain, feathers	LOW	LOW
TV-03-018	unknown	2 liver, 1 brain, feathers	LOW	LOW
TV-03-183	unknown	brain, feathers	not tested	not tested
TV-03-189	unknown	1 brain, feather	not tested	LOW
TV-05-243	unknown	2 liver, brain, feathers	not tested	not tested
TV-05-012	unknown	feathers	not tested	not tested
TV-03-022	unknown	liver, feathers saved	not tested	not tested
TV-03-027	FB-hook and line perforating distal esophagus	2 liver, feathers saved, stomach contents and hook sav	not tested	not tested
TV-03-190	possible head trauma	1 liver, 2 brain, feathers	LOW	LOW
TV-03-254	severe peritonitis (possible GI rupture)	feathers, 1 liver, 1 brain	LOW	LOW
TV-04-061	unknown	1 liver, 1 brain, feathers	not tested	not tested
TV-04-056	unknown	1 liver, 1 brain, feathers	not tested	not tested
TV-03-185	unknown	1 liver, 1 brain, feathers	not tested	not tested
TV-05-020	unknown trauma	2 liver, 1 brain, feathers	not tested	not tested
TV-03-184	unknown	2 liver, 1 brain, feathers	LOW	LOW
TV-03-007	trauma (beak, mult fx - post or pre mortem?)	liver, brain, feathers, stomach contents - shells	not tested	LOW
TV-03-255	probable asper	1 liver, 1 brain, feathers	not tested	not tested
TV-05-156	unknown	2 liver, brain, feathers	not tested	not tested

<b>internal ID</b>	<b>cause of death</b>	<b>samples taken</b>	<b>High Hg?</b>	<b>High Pb?</b>
TV-05-185	unknown	feathers	not tested	not tested
TV-05-202	unknown	1 liver, brain, feathers	not tested	not tested
TV-05-203	unknown	1 liver, brain, feathers	not tested	not tested
TV-05-204	unknown	brain, feathers	not tested	not tested
TV-03-201	unknown	1 liver, 1 brain, feathers	not tested	LOW
TV-03-222	unknown	feathers	not tested	LOW
TV-03-223	unknown trauma	1 liver, 1 brain, feathers	not tested	LOW
TV-05-172	entanglement, emaciated, parasites	1 liver, feathers	not tested	not tested
TV-05-257	trauma or predator	1 liver, brain, feathers	not tested	not tested
TV-03-210	unknown	2 liver, 1 brain, feathers	not tested	not tested
MW-04-01	unknown trauma?	feathers, tapes, phtoos, liver, brain, stomach saved	not tested	not tested
MW-04-09	starvation and possible premortem trauma	1 liver, feathers	not tested	not tested