Supplemental Material Table S1. DNA sequences (using *COI* and *16S* loci; see text and Table 1) identified in fecal samples of Semipalmated Sandpipers collected from the Bay of Fundy, Canada, in 2010 during two periods: “early” (August 2–5) and “late” (August 22–23). For site names and locations, see Figure 1. As explained in the text, identified prey were binned into higher-level taxonomic categories to increase confidence in prey identities (see Table 3). Not all sequences presented in this table were placed in bins; sequences were excluded if the identification was not of sufficient quality for analyses (see text) or if the sequence occurred so infrequently that it was omitted from diet analysis. In this table all sequences from single-celled organisms (bacteria, diatoms, etc.) and all sequences from bird species were omitted, to retain focus on possible metazoan prey items.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sample ID | Site | Time | Fecal sample | Locus | Species | Common name |
| F06\_R12 | AV | Early | 1 | 16S | *Corophium volutator* | Mud shrimp |
| F06\_R12 | AV | Early | 1 | 16S | *Meganyctiphanes norvegica* | Crustacea, krill |
| F06\_R12 | AV | Early | 1 | COI | *Ventrosia truncata* | Gastropoda |
| F06\_R13 | AV | Early | 2 | 16S | *Gemma gemma* | Bivalvia |
| F06\_R13 | AV | Early | 2 | 16S | *Liposcelis decolor* | Booklouse |
| F06\_R13 | AV | Early | 2 | 16S | *Paranais frici* | Oligochaeta |
| F06\_R13 | AV | Early | 2 | 16S | *Spurwinkia salsa* | Gastropoda |
| F06\_R13 | AV | Early | 2 | 16S | *Ventrosia truncata* | Gastropoda |
| F06\_R13 | AV | Early | 2 | COI | *Ventrosia truncata* | Gastropoda |
| F06\_R14 | AV | Early | 3 | 16S | *Acartia tonsa* | Crustacea, Copepoda |
| F06\_R14 | AV | Early | 3 | 16S | *Corophium volutator* | Mud shrimp |
| F06\_R14 | AV | Early | 3 | 16S | *Ventrosia truncata* | Gastropoda |
| F06\_R14 | AV | Early | 3 | COI | *Acanthocyclops americanus* | Crustacea, Copepoda |
| F06\_R14 | AV | Early | 3 | COI | *Limnophora* sp*.* | Fly |
| F06\_R15 | AV | Early | 4 | 16S | *Corophium volutator* | Mud shrimp |
| F06\_R15 | AV | Early | 4 | 16S | *Gemma gemma* | Bivalvia |
| F06\_R15 | AV | Early | 4 | 16S | *Ventrosia truncata* | Gastropoda |
| F06\_R15 | AV | Early | 4 | COI | *Ventrosia truncata* | Gastropoda |
| F06\_R16 | AV | Early | 5 | 16S | *Corophium volutator* | Mud shrimp |
| F06\_R16 | AV | Early | 5 | 16S | *Hydrobia* sp. | Gastropoda |
| F06\_R16 | AV | Early | 5 | 16S | *Macoma balthica* | Bivalvia |
| F06\_R16 | AV | Early | 5 | 16S | *Ventrosia truncata* | Gastropoda |
| F06\_R16 | AV | Early | 5 | COI | *Diphyes dispar* | Hydrozoa |
| F06\_R16 | AV | Early | 5 | COI | *Kareius bicoloratus* | Bony fish, stone flounder |
| F06\_R16 | AV | Early | 5 | COI | *Ventrosia truncata* | Gastropoda |
| F06\_R17 | AV | Early | 6 | 16S | *Corophium volutator* | Mud shrimp |
| F06\_R17 | AV | Early | 6 | 16S | *Macoma balthica* | Bivalvia |
| F06\_R17 | AV | Early | 6 | 16S | *Ventrosia truncata* | Gastropoda |
| F06\_R17 | AV | Early | 6 | COI | *Pineus* sp. | Aphid |
| F06\_R17 | AV | Early | 6 | COI | *Ventrosia truncata* | Gastropoda |
| F07\_R01 | AV | Early | 7 | 16S | *Corophium volutator* | Mud shrimp |
| F07\_R01 | AV | Early | 7 | 16S | *Ventrosia truncata* | Gastropoda |
| F07\_R01 | AV | Early | 7 | COI | *Ventrosia truncata* | Gastropoda |
| F07\_R02 | AV | Early | 8 | 16S | *Macoma balthica* | Bivalvia |
| F07\_R02 | AV | Early | 8 | 16S | *Ventrosia truncata* | Gastropoda |
| F07\_R03 | AV | Early | 9 | 16S | *Corophium volutator* | Mud shrimp |
| F07\_R03 | AV | Early | 9 | 16S | *Morone saxatilis* | Sea bass |
| F07\_R03 | AV | Early | 9 | COI | *Acanthocyclops americanus* | Crustacea, Copepoda |
| F07\_R03 | AV | Early | 9 | COI | *Leucophenga* sp. | Fly |
| F07\_R03 | AV | Early | 9 | COI | *Tubularia indivisa* | Hydrozoa |
| F07\_R04 | AV | Early | 10 | 16S | *Corophium volutator* | Mud shrimp |
| F07\_R04 | AV | Early | 10 | COI | *Ventrosia truncata* | Gastropoda |
| F07\_R06 | AV | Early | 12 | 16S | *Clupea harengus* | Atlantic herring |
| F07\_R06 | AV | Early | 12 | 16S | *Ilyanassa obsoleta* | Gastropoda |
| F07\_R06 | AV | Early | 12 | 16S | *Ventrosia truncata* | Gastropoda |
| F07\_R06 | AV | Early | 12 | COI | *Ventrosia truncata* | Gastropoda |
| F07\_R08 | AV | Early | 14 | 16S | *Corophium volutator* | Mud shrimp |
| F07\_R08 | AV | Early | 14 | 16S | *Crepidula* aff*.* | Gastropoda |
| F07\_R08 | AV | Early | 14 | 16S | *Gemma gemma* | Bivalvia |
| F07\_R08 | AV | Early | 14 | 16S | *Hydrobia* sp*.* | Gastropoda |
| F07\_R08 | AV | Early | 14 | 16S | *Ischyrocerus anguipes* | Crustacea |
| F07\_R08 | AV | Early | 14 | 16S | *Ventrosia truncata* | Gastropoda |
| F07\_R10 | AV | Early | 16 | 16S | *Corophium volutator* | Mud shrimp |
| F07\_R11 | AV | Early | 17 | 16S | *Corophium volutator* | Mud shrimp |
| F07\_R11 | AV | Early | 17 | 16S | *Ventrosia truncata* | Gastropoda |
| F07\_R11 | AV | Early | 17 | COI | *Trichoptera* gen*.* | Caddisfly |
| F07\_R11 | AV | Early | 17 | COI | *Ventrosia truncata* | Gastropoda |
| F07\_R12 | AV | Early | 18 | 16S | *Corophium volutator* | Mud shrimp |
| F07\_R12 | AV | Early | 18 | 16S | *Ventrosia truncata* | Gastropoda |
| F07\_R12 | AV | Early | 18 | COI | *Ventrosia truncata* | Gastropoda |
| F07\_R13 | AV | Early | 19 | 16S | *Clupea harengus* | Atlantic herring |
| F07\_R13 | AV | Early | 19 | 16S | *Gemma gemma* | Bivalvia |
| F07\_R13 | AV | Early | 19 | COI | *Acanthocyclops americanus* | Crustacea, Copepoda |
| F07\_R13 | AV | Early | 19 | COI | *Chironex fleckeri* | Sea wasp |
| F07\_R13 | AV | Early | 19 | COI | *Liriope tetraphylla* | Hydrozoa |
| F07\_R14 | AV | Early | 20 | 16S | *Corophium volutator* | Mud shrimp |
| F07\_R14 | AV | Early | 20 | 16S | *Ventrosia truncata* | Gastropoda |
| F07\_R14 | AV | Early | 20 | COI | *Hydrobia grimmi* | Gastropoda |
| F07\_R14 | AV | Early | 20 | COI | *Kareius bicoloratus* | Bony fish, stone flounder |
| F07\_R14 | AV | Early | 20 | COI | *Spurwinkia salsa* | Gastropoda |
| F07\_R14 | AV | Early | 20 | COI | *Ventrosia truncata* | Gastropoda |
| F07\_R16 | AV | Early | 22 | 16S | *Corophium volutator* | Mud shrimp |
| F07\_R16 | AV | Early | 22 | 16S | *Cyclophorus jourdyi* | Gastropoda |
| F07\_R16 | AV | Early | 22 | 16S | *Gemma gemma* | Bivalvia |
| F07\_R16 | AV | Early | 22 | 16S | *Lunaceps incoenis* | Louse |
| F07\_R16 | AV | Early | 22 | 16S | *Ventrosia truncata* | Gastropoda |
| F07\_R16 | AV | Early | 22 | COI | *Arctoscopus japonicus* | Bony fish |
| F07\_R16 | AV | Early | 22 | COI | *Kareius bicoloratus* | Bony fish, stone flounder |
| F07\_R16 | AV | Early | 22 | COI | *Trichoptera* gen. | Caddisfly |
| F07\_R16 | AV | Early | 22 | COI | *Ventrosia maritima* | Gastropoda |
| F07\_R17 | AV | Early | 23 | 16S | *Corophium volutator* | Mud shrimp |
| F07\_R17 | AV | Early | 23 | 16S | *Paranais frici* | Oligochaeta |
| F07\_R17 | AV | Early | 23 | 16S | *Ventrosia truncata* | Gastropoda |
| F07\_R17 | AV | Early | 23 | COI | *Chrysotoxum graciosum* | Fly |
| F07\_R17 | AV | Early | 23 | COI | *Cynoglossus robustus* | Bony fish |
| F07\_R17 | AV | Early | 23 | COI | *Trichoptera gen.* | Caddisfly |
| F07\_R17 | AV | Early | 23 | COI | *Tubularia indivisa* | Hydrozoa |
| F08\_R02 | AV | Early | 25 | 16S | *Corophium volutator* | Mud shrimp |
| F08\_R02 | AV | Early | 25 | 16S | *Hydrobia* sp. | Gastropoda |
| F08\_R02 | AV | Early | 25 | 16S | *Ventrosia truncata* | Gastropoda |
| F08\_R07 | AV | Early | 30 | COI | *Ventrosia truncata* | Gastropoda |
| F08\_R08 | AV | Early | 31 | 16S | *Corophium volutator* | Mud shrimp |
| F08\_R09 | AV | Early | 32 | 16S | *Corophium volutator* | Mud shrimp |
| F08\_R09 | AV | Early | 32 | 16S | *Gemma gemma* | Bivalvia |
| F08\_R09 | AV | Early | 32 | 16S | *Ventrosia truncata* | Gastropoda |
| F08\_R09 | AV | Early | 32 | COI | *Ventrosia truncata* | Gastropoda |
| F08\_R12 | AV | Early | 35 | 16S | *Corophium volutator* | Mud shrimp |
| F08\_R12 | AV | Early | 35 | 16S | *Skistodiaptomus oregonensis* | Crustacea, Copepoda |
| F08\_R12 | AV | Early | 35 | 16S | *Ventrosia truncata* | Gastropoda |
| F08\_R12 | AV | Early | 35 | COI | *Chloeia parva* | Polychaeta, Amphinomidae |
| F08\_R12 | AV | Early | 35 | COI | *Hydrobia grimmi* | Gastropoda |
| F08\_R12 | AV | Early | 35 | COI | *Pineus* sp. | Aphid |
| F08\_R12 | AV | Early | 35 | COI | *Ventrosia maritima* | Gastropoda |
| F08\_R12 | AV | Early | 35 | COI | *Ventrosia truncata* | Gastropoda |
| F08\_R14 | AV | Early | 37 | 16S | *Corophium volutator* | Mud shrimp |
| F08\_R15 | AV | Early | 38 | 16S | *Corophium volutator* | Mud shrimp |
| F08\_R15 | AV | Early | 38 | 16S | *Ventrosia truncata* | Gastropoda |
| F08\_R15 | AV | Early | 38 | COI | *Spurwinkia salsa* | Gastropoda |
| F08\_R15 | AV | Early | 38 | COI | *Ventrosia truncata* | Gastropoda |
| F08\_R17 | AV | Early | 40 | 16S | *Corophium volutator* | Mud shrimp |
| F08\_R17 | AV | Early | 40 | 16S | *Hydrobia* sp. | Gastropoda |
| F08\_R17 | AV | Early | 40 | 16S | *Ventrosia truncata* | Gastropoda |
| F08\_R17 | AV | Early | 40 | COI | *Hydroptila wyomia* | Caddisfly |
| F08\_R17 | AV | Early | 40 | COI | *Ventrosia truncata* | Gastropoda |
| F09\_R03 | AV | Early | 43 | 16S | *Aurospio* sp. | Polychaeta, Spionidae |
| F09\_R03 | AV | Early | 43 | 16S | *Corophium volutator* | Mud shrimp |
| F09\_R03 | AV | Early | 43 | 16S | *Gemma gemma* | Bivalvia |
| F09\_R03 | AV | Early | 43 | COI | *Leptophlebia* sp*.* | Mayfly |
| F09\_R04 | AV | Early | 44 | 16S | *Corophium volutator* | Mud shrimp |
| F09\_R04 | AV | Early | 44 | 16S | *Macoma balthica* | Bivalvia |
| F09\_R04 | AV | Early | 44 | 16S | *Metacypris digitiformis* | Crustacea, Ostracoda |
| F09\_R07 | AV | Early | 47 | 16S | *Corophium volutator* | Mud shrimp |
| F09\_R07 | AV | Early | 47 | COI | *Arctoscopus japonicus* | Bony fish |
| F09\_R07 | AV | Early | 47 | COI | *Phascolosoma esculenta* | Peanut worm |
| F09\_R09 | AV | Late | 1 | 16S | *Corophium volutator* | Mud shrimp |
| F09\_R10 | AV | Late | 2 | COI | *Spurwinkia salsa* | Gastropoda |
| F09\_R11 | AV | Late | 3 | 16S | *Corophium volutator* | Mud shrimp |
| F09\_R12 | AV | Late | 4 | 16S | *Corophium volutator* | Mud shrimp |
| F09\_R12 | AV | Late | 4 | 16S | *Gammarus annulatus* | Crustacea |
| F09\_R12 | AV | Late | 4 | COI | *Maccaffertium vicarium* | Mayfly |
| F09\_R14 | AV | Late | 6 | COI | *Ammodytes dubius* | Bony fish |
| F09\_R14 | AV | Late | 6 | COI | *Eugymnanthea japonica* | Hydrozoa |
| F09\_R14 | AV | Late | 6 | COI | *Leucauge blanda* | Spider |
| F09\_R14 | AV | Late | 6 | COI | *Pycna repanda* | True bug |
| F09\_R15 | AV | Late | 7 | 16S | *Corophium volutator* | Mud shrimp |
| F09\_R15 | AV | Late | 7 | 16S | *Hydrobia sp.* | Gastropoda |
| F09\_R15 | AV | Late | 7 | COI | *Ventrosia truncata* | Gastropoda |
| F09\_R17 | AV | Late | 9 | COI | *Clausocalanus jobei* | Crustacea, Copepoda |
| F09\_R17 | AV | Late | 9 | COI | *Trichoptera gen.* | Caddisfly |
| F09\_R17 | AV | Late | 9 | COI | *Ventrosia truncata* | Gastropoda |
| F10\_R02 | AV | Late | 11 | COI | *Euhadra herklotsi* | Gastropoda |
| F10\_R02 | AV | Late | 11 | COI | *Moina sp.* | Crustacea |
| F10\_R04 | AV | Late | 13 | COI | *Chrysotoxum tuberculatum* | Fly |
| F10\_R04 | AV | Late | 13 | COI | *Cynoglossus robustus* | Bony fish |
| F10\_R05 | AV | Late | 14 | 16S | *Corophium volutator* | Mud shrimp |
| F10\_R05 | AV | Late | 14 | 16S | *Ventrosia truncata* | Gastropoda |
| F10\_R05 | AV | Late | 14 | COI | *Eugymnanthea japonica* | Hydrozoa |
| F10\_R06 | AV | Late | 15 | 16S | *Corophium volutator* | Mud shrimp |
| F10\_R06 | AV | Late | 15 | 16S | *Hediste atoka* | Polychaeta, Nereididae |
| F10\_R06 | AV | Late | 15 | 16S | *Tomopagurus merimaculosus* | Hermit crab |
| F10\_R06 | AV | Late | 15 | 16S | *Ventrosia truncata* | Gastropoda |
| F10\_R06 | AV | Late | 15 | COI | *Terebella tantabiddycreekensis* | Polychaeta, Terebellidae |
| F10\_R06 | AV | Late | 15 | COI | *Ventrosia truncata* | Gastropoda |
| F10\_R07 | AV | Late | 16 | 16S | *Strongylocentrotus droebachiensis* | Sea urchin |
| F10\_R07 | AV | Late | 16 | COI | *Kareius bicoloratus* | Bony fish, stone flounder |
| F10\_R07 | AV | Late | 16 | COI | *Toxopoda soror* | Fly |
| F10\_R11 | AV | Late | 20 | 16S | *Corophium volutator* | Mud shrimp |
| F10\_R11 | AV | Late | 20 | 16S | *Ebalia tuberculosa* | Crab |
| F10\_R11 | AV | Late | 20 | 16S | *Ventrosia truncata* | Gastropoda |
| F10\_R11 | AV | Late | 20 | COI | *Niphargus irlandicus* | Crustacea |
| F10\_R11 | AV | Late | 20 | COI | *Psechrus sp.* | Spider |
| F10\_R11 | AV | Late | 20 | COI | *Ventrosia truncata* | Gastropoda |
| F10\_R14 | AV | Late | 23 | 16S | *Corophium volutator* | Mud shrimp |
| F10\_R14 | AV | Late | 23 | 16S | *Macoma balthica* | Bivalvia |
| F10\_R14 | AV | Late | 23 | 16S | *Spurwinkia salsa* | Gastropoda |
| F10\_R14 | AV | Late | 23 | 16S | *Ventrosia truncata* | Gastropoda |
| F10\_R14 | AV | Late | 23 | COI | *Anomalocardia producta* | Bivalvia |
| F10\_R14 | AV | Late | 23 | COI | *Kareius bicoloratus* | Bony fish, stone flounder |
| F10\_R14 | AV | Late | 23 | COI | *Nesophrosyne pluvialis* | True bug |
| F10\_R14 | AV | Late | 23 | COI | *Spurwinkia salsa* | Gastropoda |
| F10\_R14 | AV | Late | 23 | COI | *Tanytarsus inextentus* | Fly |
| F10\_R14 | AV | Late | 23 | COI | *Ventrosia truncata* | Gastropoda |
| F10\_R16 | AV | Late | 25 | 16S | *Spurwinkia salsa* | Gastropoda |
| F10\_R16 | AV | Late | 25 | COI | *Keratella cochlearis* | Bony fish, stone flounder |
| F11\_R01 | AV | Late | 27 | 16S | *Corophium volutator* | Mud shrimp |
| F11\_R02 | AV | Late | 28 | 16S | *Corophium volutator* | Mud shrimp |
| F11\_R02 | AV | Late | 28 | COI | *Clupea harengus* | Atlantic herring |
| F11\_R02 | AV | Late | 28 | COI | *Musca confiscata* | Fly |
| F11\_R02 | AV | Late | 28 | COI | *Pycna repanda* | True bug |
| F11\_R06 | AV | Late | 32 | 16S | *Corophium volutator* | Mud shrimp |
| F11\_R06 | AV | Late | 32 | COI | *Amanses scopas* | Bony fish |
| F11\_R06 | AV | Late | 32 | COI | *Evadne spinifera* | Crustacea |
| F11\_R06 | AV | Late | 32 | COI | *Kareius bicoloratus* | Bony fish, stone flounder |
| F11\_R06 | AV | Late | 32 | COI | *Urophycis tenuis* | Bony fish |
| F11\_R09 | AV | Late | 35 | 16S | *Corophium volutator* | Mud shrimp |
| F11\_R09 | AV | Late | 35 | COI | *Anopheles dirus* | Mayfly |
| F11\_R09 | AV | Late | 35 | COI | *Pineus* sp*.* | Aphid |
| F11\_R09 | AV | Late | 35 | COI | *Trigonopterus squamirostris* | Beetle |
| F11\_R12 | AV | Late | 38 | COI | *Chrysaora* sp*.* | Jellyfish |
| F11\_R12 | AV | Late | 38 | COI | *Diphyes dispar* | Hydrozoa |
| F11\_R12 | AV | Late | 38 | COI | *Lactiforis takii* | Gastropoda |
| F11\_R13 | AV | Late | 39 | 16S | *Clupea harengus* | Atlantic herring |
| F11\_R15 | AV | Late | 40 | 16S | *Corophium volutator* | Mud shrimp |
| F11\_R14 | AV | Late | 40 | COI | *Ammodytes hexapterus* | Bony fish |
| F11\_R14 | AV | Late | 40 | COI | *Clupea harengus* | Atlantic herring |
| F11\_R14 | AV | Late | 40 | COI | *Euhadra herklotsi* | Gastropoda |
| F11\_R14 | AV | Late | 40 | COI | *Hydropsyche* sp*.* | Caddisfly |
| F11\_R14 | AV | Late | 40 | COI | *Scapharca broughtonii* | Bivalvia |
| F11\_R16 | AV | Late | 41 | 16S | *Corophium volutator* | Mud shrimp |
| F11\_R15 | AV | Late | 41 | COI | *Araneus marmoreus* | Spider |
| F11\_R15 | AV | Late | 41 | COI | *Peripatopsis balfouri* | Velvet worm |
| F11\_R15 | AV | Late | 41 | COI | *Terebella tantabiddycreekensis* | Polychaeta, Terebellidae |
| F12\_R01 | AV | Late | 44 | 16S | *Corophium volutator* | Mud shrimp |
| F12\_R02 | AV | Late | 45 | 16S | *Corophium volutator* | Mud shrimp |
| F12\_R02 | AV | Late | 45 | 16S | *Hydrobia* sp*.* | Gastropoda |
| F13\_R02 | AV | Late | 45 | COI | *Terebella tantabiddycreekensis* | Polychaeta, Terebellidae |
| F13\_R02 | AV | Late | 45 | COI | *Trichoptera gen.* | Caddisfly |
| F12\_R04 | AV | Late | 47 | 16S | *Corophium volutator* | Mud shrimp |
| F12\_R09 | GA | Early | 4 | 16S | *Corophium volutator* | Mud shrimp |
| F12\_R11 | GA | Early | 6 | 16S | *Corophium volutator* | Mud shrimp |
| F12\_R11 | GA | Early | 6 | 16S | *Harpagoxenus sublaevis* | Ant |
| F12\_R11 | GA | Early | 6 | 16S | *Platorchestia pacifica* | Crustacea, sand flea |
| F12\_R15 | GA | Early | 10 | 16S | *Corophium volutator* | Mud shrimp |
| F12\_R16 | GA | Early | 11 | 16S | *Corophium volutator* | Mud shrimp |
| F12\_R17 | GA | Early | 12 | 16S | *Corophium volutator* | Mud shrimp |
| F13\_R01 | GA | Early | 13 | 16S | *Corophium volutator* | Mud shrimp |
| F13\_R02 | GA | Early | 14 | 16S | *Corophium volutator* | Mud shrimp |
| F13\_R02 | GA | Early | 14 | 16S | *Hediste diadroma* | Polychaeta, Nereididae |
| F13\_R02 | GA | Early | 14 | 16S | *Orosius orientalis* | True bug |
| F13\_R03 | GA | Early | 15 | 16S | *Corophium volutator* | Mud shrimp |
| F13\_R05 | GA | Early | 17 | 16S | *Corophium volutator* | Mud shrimp |
| F13\_R05 | GA | Early | 17 | COI | *Chlorocypha cancellata* | Damselfly |
| F13\_R05 | GA | Early | 17 | COI | *Chrysotoxum graciosum* | Fly |
| F13\_R06 | GA | Early | 18 | 16S | *Corophium volutator* | Mud shrimp |
| F13\_R06 | GA | Early | 18 | COI | *Lepeophtheirus pectoralis* | Crustacea, Copepoda |
| F13\_R06 | GA | Early | 18 | COI | *Pelteobagrus eupogon* | Bony fish, short-headed catfish |
| F13\_R06 | GA | Early | 18 | COI | *Trichoptera* gen*.* | Caddisfly |
| F13\_R06 | GA | Early | 18 | COI | *Vespula germanica* | Wasp |
| F13\_R08 | GA | Early | 20 | 16S | *Corophium volutator* | Mud shrimp |
| F13\_R08 | GA | Early | 20 | COI | *Neotropiconyttus* sp*.* | True bug |
| F13\_R08 | GA | Early | 20 | COI | *Pineus* sp*.* | Aphid |
| F13\_R09 | GA | Early | 21 | 16S | *Corophium volutator* | Mud shrimp |
| F13\_R10 | GA | Early | 22 | 16S | *Corophium volutator* | Mud shrimp |
| F13\_R11 | GA | Early | 23 | 16S | *Corophium volutator* | Mud shrimp |
| F13\_R12 | GA | Early | 24 | 16S | *Clastoptera* sp*.* | True bug |
| F13\_R12 | GA | Early | 24 | 16S | *Corophium volutator* | Mud shrimp |
| F13\_R12 | GA | Early | 24 | 16S | *Platorchestia pacifica* | Crustacea, sand flea |
| F13\_R13 | GA | Early | 25 | 16S | *Corophium volutator* | Mud shrimp |
| F13\_R13 | GA | Early | 25 | COI | *Clupea harengus* | Atlantic herring |
| F13\_R13 | GA | Early | 25 | COI | *Evadne spinifera* | Crustacea |
| F13\_R13 | GA | Early | 25 | COI | *Heteropoda dagmarae* | Spider |
| F13\_R13 | GA | Early | 25 | COI | *Laubuca caeruleostigmata* | Bony fish |
| F13\_R13 | GA | Early | 25 | COI | *Lepidostoma arcuatum* | Caddisfly |
| F13\_R13 | GA | Early | 25 | COI | *Sugiura chengshanense* | Cnidaria |
| F13\_R13 | GA | Early | 25 | COI | *Temora longicornis* | Crustacea, Copepoda |
| F13\_R16 | GA | Early | 28 | 16S | *Corophium volutator* | Mud shrimp |
| F14\_R02 | GA | Early | 31 | 16S | *Corophium volutator* | Mud shrimp |
| F14\_R05 | GA | Early | 34 | 16S | *Corophium volutator* | Mud shrimp |
| F14\_R06 | GA | Early | 34 | COI | *Terebella tantabiddycreekensis* | Polychaeta, Terebellidae |
| F14\_R06 | GA | Early | 34 | COI | *Trichoptera* gen*.* | Caddisfly |
| F14\_R06 | GA | Early | 35 | 16S | *Corophium volutator* | Mud shrimp |
| F14\_R07 | GA | Early | 36 | 16S | *Corophium volutator* | Mud shrimp |
| F14\_R08 | GA | Early | 37 | COI | *Ferrissia fragilis* | Gastropoda |
| F14\_R09 | GA | Early | 38 | 16S | *Corophium volutator* | Mud shrimp |
| F15\_R02 | GA | Early | 38 | COI | *Terebella tantabiddycreekensis* | Polychaeta, Terebellidae |
| F14\_R12 | GA | Early | 41 | COI | *Opadometa* sp*.* | Spider |
| F14\_R12 | GA | Early | 41 | COI | *Terebella tantabiddycreekensis* | Polychaeta, Terebellidae |
| F14\_R16 | GA | Early | 45 | 16S | *Corophium volutator* | Mud shrimp |
| F14\_R17 | GA | Early | 46 | 16S | *Corophium volutator* | Mud shrimp |
| F15\_R01 | GA | Early | 47 | 16S | *Corophium volutator* | Mud shrimp |
| F15\_R02 | GA | Early | 48 | 16S | *Corophium volutator* | Mud shrimp |
| F15\_R03 | GA | Late | 1 | 16S | *Corophium volutator* | Mud shrimp |
| F15\_R03 | GA | Late | 1 | COI | *Arctoscopus japonicus* | Bony fish |
| F15\_R03 | GA | Late | 1 | COI | *Keratella cochlearis* | Bony fish, stone flounder |
| F15\_R03 | GA | Late | 1 | COI | *Terebella ehrenbergi* | Polychaeta, Terebellidae |
| F15\_R03 | GA | Late | 1 | COI | *Terebella tantabiddycreekensis* | Polychaeta, Terebellidae |
| F15\_R05 | GA | Late | 3 | 16S | *Corophium volutator* | Mud shrimp |
| F15\_R05 | GA | Late | 4 | 16S | *Corophium volutator* | Mud shrimp |
| F15\_R07 | GA | Late | 5 | 16S | *Corophium volutator* | Mud shrimp |
| F15\_R07 | GA | Late | 5 | COI | *Keratella cochlearis* | Bony fish, stone flounder |
| F15\_R07 | GA | Late | 5 | COI | *Pseudocellus pearsei* | Tickspider |
| F15\_R08 | GA | Late | 6 | 16S | *Corophium volutator* | Mud shrimp |
| F15\_R08 | GA | Late | 6 | COI | *Arctoscopus japonicus* | Bony fish |
| F15\_R08 | GA | Late | 6 | COI | *Kareius bicoloratus* | Bony fish, stone flounder |
| F15\_R09 | GA | Late | 7 | 16S | *Corophium volutator* | Mud shrimp |
| F15\_R12 | GA | Late | 10 | 16S | *Corophium volutator* | Mud shrimp |
| F15\_R15 | GA | Late | 13 | 16S | *Corophium volutator* | Mud shrimp |
| F15\_R14 | GA | Late | 14 | 16S | *Corophium volutator* | Mud shrimp |
| F15\_R17 | GA | Late | 15 | 16S | *Corophium volutator* | Mud shrimp |
| F16\_R02 | GA | Late | 17 | 16S | *Corophium volutator* | Mud shrimp |
| F16\_R05 | GA | Late | 20 | 16S | *Corophium volutator* | Mud shrimp |
| F16\_R07 | GA | Late | 22 | 16S | *Corophium volutator* | Mud shrimp |
| F16\_R10 | GA | Late | 25 | 16S | *Carcinus maenas* | Green crab |
| F16\_R10 | GA | Late | 25 | 16S | *Corophium volutator* | Mud shrimp |
| F16\_R13 | GA | Late | 28 | 16S | *Corophium volutator* | Mud shrimp |
| F16\_R13 | GA | Late | 28 | COI | *Eurythenes gryllus* | Crustacea |
| F16\_R13 | GA | Late | 28 | COI | *Grammonota gentilis* | Spider |
| F16\_R13 | GA | Late | 28 | COI | *Terebella tantabiddycreekensis* | Polychaeta, Terebellidae |
| F17\_R01 | GA | Late | 33 | 16S | *Corophium volutator* | Mud Shrimp |
| F17\_R02 | GA | Late | 34 | 16S | *Corophium volutator* | Mud Shrimp |
| F17\_R05 | GA | Late | 37 | COI | *Evadne spinifera* | Crustacea |
| F17\_R05 | GA | Late | 37 | COI | *Keratella cochlearis* | Bony fish, stone flounder |
| F17\_R06 | GA | Late | 38 | 16S | *Corophium volutator* | Mud shrimp |
| F17\_R07 | GA | Late | 39 | 16S | *Corophium volutator* | Mud shrimp |
| F17\_R08 | GA | Late | 40 | 16S | *Corophium volutator* | Mud shrimp |
| F17\_R12 | GA | Late | 41 | 16S | *Corophium volutator* | Mud shrimp |
| F17\_R13 | GA | Late | 45 | 16S | *Corophium volutator* | Mud shrimp |
| F14\_R14 | GA | Late | 46 | 16S | *Corophium volutator* | Mud shrimp |
| F01\_R01 | MP | Early | 1 | 16S | *Corophium volutator* | Mud shrimp |
| F01\_R02 | MP | Early | 2 | 16S | *Acroceridae* gen*.* | Fly |
| F01\_R02 | MP | Early | 2 | 16S | *Australysmus lacustris* | Winged insect |
| F01\_R02 | MP | Early | 2 | 16S | *Corophium volutator* | Mud shrimp |
| F01\_R02 | MP | Early | 2 | 16S | *Drosophila immigrans* | Fly |
| F01\_R02 | MP | Early | 2 | 16S | *Zygoneura sciarina* | Fly |
| F01\_R02 | MP | Early | 2 | COI | *Arctella lapponica* | Spider |
| F01\_R02 | MP | Early | 2 | COI | *Halocladius variabilis* | Fly |
| F01\_R02 | MP | Early | 2 | COI | *Lineus viridis* | Ribbon worm |
| F01\_R02 | MP | Early | 2 | COI | *Ventrosia truncata* | Gastropoda |
| F01\_R03 | MP | Early | 3 | 16S | *Corophium volutator* | Mud shrimp |
| F01\_R03 | MP | Early | 3 | COI | *Archaeoattacus edwardsii* | Moth |
| F01\_R03 | MP | Early | 3 | COI | *Leptocythere lacertosa* | Crustacea, Ostracoda |
| F01\_R03 | MP | Early | 3 | COI | *Moina* sp*.* | Crustacea |
| F01\_R03 | MP | Early | 3 | COI | *Ventrosia truncata* | Gastropoda |
| F01\_R05 | MP | Early | 5 | 16S | *Argolepida* sp*.* | Fly |
| F01\_R05 | MP | Early | 5 | 16S | *Corophium volutator* | Mud shrimp |
| F01\_R05 | MP | Early | 5 | 16S | *Melaloncha diffidentia* | Fly |
| F01\_R05 | MP | Early | 5 | 16S | *Melanostoma scalare* | Fly |
| F01\_R05 | MP | Early | 5 | 16S | *Trichopeza longicornis* | Fly |
| F01\_R05 | MP | Early | 5 | COI | *Acartia tonsa* | Crustacea, Copepoda |
| F01\_R05 | MP | Early | 5 | COI | *Eurythenes gryllus* | Crustacea |
| F01\_R05 | MP | Early | 5 | COI | *Halocladius variabilis* | Fly |
| F01\_R05 | MP | Early | 5 | COI | *Phyllodoce* sp*.* | Polychaeta, Phyllodocidae |
| F01\_R06 | MP | Early | 6 | 16S | *Acroceridae* gen*.* | Fly |
| F01\_R06 | MP | Early | 6 | 16S | *Corophium volutator* | Mud shrimp |
| F01\_R06 | MP | Early | 6 | 16S | *Drosophila immigrans* | Fly |
| F01\_R06 | MP | Early | 6 | 16S | *Sapromyza bentejui* | Fly |
| F01\_R06 | MP | Early | 6 | 16S | *Zygoneura sciarina* | Fly |
| F01\_R06 | MP | Early | 6 | COI | *Diphyes dispar* | Hydrozoa |
| F01\_R06 | MP | Early | 6 | COI | *Phyllodoce* sp*.* | Polychaeta, Phyllodocidae |
| F01\_R06 | MP | Early | 6 | COI | *Terebella tantabiddycreekensis* | Polychaeta, Terebellidae |
| F01\_R07 | MP | Early | 7 | 16S | *Corophium volutator* | Mud shrimp |
| F01\_R07 | MP | Early | 7 | 16S | *Sapromyza bentejui* | Fly |
| F01\_R07 | MP | Early | 7 | 16S | *Zygoneura sciarina* | Fly |
| F01\_R08 | MP | Early | 8 | 16S | *Acroceridae* gen*.* | Fly |
| F01\_R08 | MP | Early | 8 | 16S | *Albanycada* sp*.* | True bug |
| F01\_R08 | MP | Early | 8 | 16S | *Australysmus lacustris* | Winged insect |
| F01\_R08 | MP | Early | 8 | 16S | *Corophium volutator* | Mud shrimp |
| F01\_R08 | MP | Early | 8 | 16S | *Ctenosciara insolita* | Fly |
| F01\_R08 | MP | Early | 8 | 16S | *Drosophila immigrans* | Fly |
| F01\_R08 | MP | Early | 8 | 16S | *Zygoneura sciarina* | Fly |
| F01\_R08 | MP | Early | 8 | COI | *Greta andromica* | Butterfly |
| F01\_R08 | MP | Early | 8 | COI | *Leptocythere lacertosa* | Crustacea, Ostracoda |
| F01\_R08 | MP | Early | 8 | COI | *Lineus viridis* | Ribbon Worm |
| F01\_R08 | MP | Early | 8 | COI | *Phyllodoce* sp*.* | Polychaeta, Phyllodocidae |
| F01\_R08 | MP | Early | 8 | COI | *Serpula vermicularis* | Polychaeta, Serpulidae |
| F01\_R12 | MP | Early | 12 | 16S | *Corophium volutator* | Mud shrimp |
| F01\_R13 | MP | Early | 13 | 16S | *Clupea harengus* | Atlantic herring |
| F01\_R13 | MP | Early | 13 | 16S | *Corophium volutator* | Mud shrimp |
| F01\_R14 | MP | Early | 14 | 16S | *Argolepida* sp*.* | Fly |
| F01\_R14 | MP | Early | 14 | 16S | *Corophium volutator* | Mud shrimp |
| F01\_R14 | MP | Early | 14 | 16S | *Cratyna nigerrima* | Fly |
| F01\_R14 | MP | Early | 14 | 16S | *Ctenosciara insolita* | Fly |
| F01\_R14 | MP | Early | 14 | 16S | *Melaloncha diffidentia* | Fly |
| F01\_R14 | MP | Early | 14 | 16S | *Melanostoma scalare* | Fly |
| F01\_R14 | MP | Early | 14 | COI | *Acartia tonsa* | Crustacea, Copepoda |
| F01\_R14 | MP | Early | 14 | COI | *Halocladius variabilis* | Fly |
| F01\_R14 | MP | Early | 14 | COI | *Paratrichocladius rufiventris* | Fly |
| F01\_R14 | MP | Early | 14 | COI | *Terebella tantabiddycreekensis* | Polychaeta, Terebellidae |
| F01\_R16 | MP | Early | 16 | COI | *Chloeia parva* | Polychaeta, Amphinomidae |
| F01\_R16 | MP | Early | 16 | COI | *Halocladius variabilis* | Fly |
| F01\_R16 | MP | Early | 16 | COI | *Paratrichocladius rufiventris* | Fly |
| F01\_R16 | MP | Early | 16 | COI | *Pineus* sp*.* | Aphids |
| F01\_R16 | MP | Early | 16 | COI | *Ventrosia truncata* | Gastropoda |
| F02\_R01 | MP | Early | 17 | COI | *Greta andromica* | Butterfly |
| F02\_R01 | MP | Early | 17 | COI | *Heptageniidae* sp*.* | Mayfly |
| F02\_R01 | MP | Early | 17 | COI | *Kareius bicoloratus* | Bony fish, stone flounder |
| F02\_R01 | MP | Early | 17 | COI | *Malagazzia carolinae* | Hydrozoa |
| F02\_R01 | MP | Early | 17 | COI | *Stomaphis sinisalicis* | Aphid |
| F02\_R01 | MP | Early | 18 | 16S | *Corophium volutator* | Mud shrimp |
| F02\_R01 | MP | Early | 18 | 16S | *Zygoneura sciarina* | Fly |
| F02\_R02 | MP | Early | 19 | 16S | *Corophium volutator* | Mud shrimp |
| F02\_R03 | MP | Early | 20 | 16S | *Corophium volutator* | Mud shrimp |
| F02\_R03 | MP | Early | 20 | 16S | *Gammarus annulatus* | Crustacea |
| F02\_R03 | MP | Early | 20 | COI | *Chrysotoxum tuberculatum* | Fly |
| F02\_R03 | MP | Early | 20 | COI | *Leptocythere lacertosa* | Crustacea, Ostracoda |
| F02\_R03 | MP | Early | 20 | COI | *Serpula vermicularis* | Polychaeta, Serpulidae |
| F02\_R03 | MP | Early | 20 | COI | *Ventrosia truncata* | Gastropoda |
| F02\_R05 | MP | Early | 22 | 16S | *Corophium volutator* | Mud shrimp |
| F02\_R05 | MP | Early | 22 | COI | *Chloeia parva* | Polychaeta, Amphinomidae |
| F02\_R05 | MP | Early | 22 | COI | *Eirene brevistylus* | Hydrozoa |
| F02\_R05 | MP | Early | 22 | COI | *Eugymnanthea japonica* | Hydrozoa |
| F02\_R05 | MP | Early | 22 | COI | *Leptocythere lacertosa* | Crustacea, Ostracoda |
| F02\_R05 | MP | Early | 22 | COI | *Paracartia grani* | Crustacea, Copepoda |
| F02\_R05 | MP | Early | 22 | COI | *Terebella tantabiddycreekensis* | Polychaeta, Terebellidae |
| F02\_R08 | MP | Early | 25 | 16S | *Corophium volutator* | Mud shrimp |
| F02\_R08 | MP | Early | 25 | 16S | *Liriomyza huidobrensis* | Fly |
| F02\_R08 | MP | Early | 25 | COI | *Brachyura* sp*.* | Crab |
| F02\_R08 | MP | Early | 25 | COI | *Halocladius variabilis* | Fly |
| F02\_R08 | MP | Early | 25 | COI | *Hydrobia grimmi* | Gastropoda |
| F02\_R08 | MP | Early | 25 | COI | *Isotomiella minor* | Springtail |
| F02\_R08 | MP | Early | 25 | COI | *Leptocythere lacertosa* | Crustacea, Ostracoda |
| F02\_R08 | MP | Early | 25 | COI | *Loxosomatoides sirindhornae* | Goblet worm |
| F02\_R08 | MP | Early | 25 | COI | *Maccaffertium exiguum* | Mayfly |
| F02\_R08 | MP | Early | 25 | COI | *Myospila lauta* | Fly |
| F02\_R08 | MP | Early | 25 | COI | *Terebella tantabiddycreekensis* | Polychaeta, Terebellidae |
| F02\_R09 | MP | Early | 26 | 16S | *Corophium volutator* | Mud shrimp |
| F02\_R09 | MP | Early | 26 | 16S | *Liriomyza bryoniae* | Fly |
| F02\_R09 | MP | Early | 26 | 16S | *Liriomyza bryoniae* | Fly |
| F02\_R09 | MP | Early | 26 | COI | *Corbicula* sp*.* | Bivalvia |
| F02\_R09 | MP | Early | 26 | COI | *Gammarus mucronatus* | Crustacea |
| F02\_R09 | MP | Early | 26 | COI | *Halocladius variabilis* | Fly |
| F02\_R09 | MP | Early | 26 | COI | *Leptocythere lacertosa* | Crustacea, Ostracoda |
| F02\_R09 | MP | Early | 26 | COI | *Onoba semicostata* | Gastropoda |
| F02\_R09 | MP | Early | 26 | COI | *Toxopoda soror* | Fly |
| F02\_R09 | MP | Early | 26 | COI | *Ventrosia truncata* | Gastropoda |
| F02\_R11 | MP | Early | 28 | 16S | *Corophium volutator* | Mud shrimp |
| F02\_R11 | MP | Early | 28 | 16S | *Liriomyza huidobrensis* | Fly |
| F02\_R11 | MP | Early | 28 | COI | *Branchiocerianthus imperator* | Hydrozoa |
| F02\_R11 | MP | Early | 28 | COI | *Eugymnanthea japonica* | Hydrozoa |
| F02\_R11 | MP | Early | 28 | COI | *Halocynthia spinosa* | Tunicate |
| F02\_R11 | MP | Early | 28 | COI | *Hydrotaea armipes* | Fly |
| F02\_R11 | MP | Early | 28 | COI | *Pineus* sp*.* | Aphid |
| F02\_R11 | MP | Early | 28 | COI | *Trichostrongylus vitrinus* | Nematoda |
| F02\_R11 | MP | Early | 28 | COI | *Vespula germanica* | Wasp |
| F02\_R12 | MP | Early | 29 | 16S | *Zygoneura sciarina* | Fly |
| F02\_R12 | MP | Early | 29 | COI | *Eutima gegenbauri* | Hydrozoa |
| F02\_R12 | MP | Early | 29 | COI | *Halocladius variabilis* | Fly |
| F02\_R12 | MP | Early | 29 | COI | *Leptocythere lacertosa* | Crustacea, Ostracoda |
| F02\_R12 | MP | Early | 29 | COI | *Terebella tantabiddycreekensis* | Polychaeta, Terebellidae |
| F02\_R14 | MP | Early | 31 | 16S | *Corophium volutator* | Mud shrimp |
| F02\_R15 | MP | Early | 32 | 16S | *Corophium volutator* | Mud shrimp |
| F02\_R15 | MP | Early | 32 | COI | *Kareius bicoloratus* | Bony fish, stone flounder |
| F02\_R15 | MP | Early | 32 | COI | *Leptocythere lacertosa* | Crustacea, Ostracoda |
| F02\_R15 | MP | Early | 32 | COI | *Scopelocheirus schellenbergi* | Crustacea, Amphipoda |
| F02\_R16 | MP | Early | 33 | 16S | *Corophium volutator* | Mud shrimp |
| F02\_R17 | MP | Early | 34 | 16S | *Corophium volutator* | Mud shrimp |
| F02\_R17 | MP | Early | 34 | COI | *Alvania beani* | Gastropoda |
| F02\_R17 | MP | Early | 34 | COI | *Halocladius variabilis* | Fly |
| F02\_R17 | MP | Early | 34 | COI | *Niphargus irlandicus* | Crustacea |
| F02\_R17 | MP | Early | 34 | COI | *Terebella tantabiddycreekensis* | Polychaeta, Terebellidae |
| F02\_R17 | MP | Early | 34 | COI | *Ventrosia truncata* | Gastropoda |
| F03\_R01 | MP | Early | 35 | 16S | *Acroceridae* gen*.* | Fly |
| F03\_R01 | MP | Early | 35 | 16S | *Corophium volutator* | Mud shrimp |
| F03\_R01 | MP | Early | 35 | 16S | *Drosophila immigrans* | Fly |
| F03\_R02 | MP | Early | 36 | 16S | *Corophium volutator* | Mud shrimp |
| F03\_R02 | MP | Early | 36 | 16S | *Melanostoma scalare* | Fly |
| F03\_R02 | MP | Early | 36 | 16S | *Trichopeza longicornis* | Fly |
| F03\_R02 | MP | Early | 36 | 16S | *Zygoneura sciarina* | Fly |
| F03\_R02 | MP | Early | 36 | COI | *Acartia tonsa* | Crustacea, Copepoda |
| F03\_R02 | MP | Early | 36 | COI | *Halocladius variabilis* | Fly |
| F03\_R02 | MP | Early | 36 | COI | *Stegana jiajinshanensis* | Fly |
| F03\_R02 | MP | Early | 36 | COI | *Terebella tantabiddycreekensis* | Polychaeta, Terebellidae |
| F03\_R03 | MP | Early | 37 | 16S | *Corophium volutator* | Mud shrimp |
| F03\_R03 | MP | Early | 37 | 16S | *Hydrobia* sp*.* | Gastropoda |
| F03\_R03 | MP | Early | 37 | 16S | *Zygoneura sciarina* | Fly |
| F03\_R03 | MP | Early | 37 | COI | *Halocladius variabilis* | Fly |
| F03\_R03 | MP | Early | 37 | COI | *Terebella tantabiddycreekensis* | Polychaeta, Terebellidae |
| F03\_R03 | MP | Early | 37 | COI | *Ventrosia truncata* | Gastropoda |
| F03\_R05 | MP | Early | 39 | 16S | *Corophium volutator* | Mud shrimp |
| F03\_R05 | MP | Early | 39 | 16S | *Zygoneura sciarina* | Fly |
| F03\_R05 | MP | Early | 39 | COI | *Halocladius variabilis* | Fly |
| F03\_R05 | MP | Early | 39 | COI | *Ventrosia truncata* | Gastropoda |
| F03\_R07 | MP | Early | 41 | COI | *Chlorocypha cancellata* | Damselfly |
| F03\_R07 | MP | Early | 41 | COI | *Evadne spinifera* | Crustacea |
| F03\_R08 | MP | Early | 42 | 16S | *Corophium volutator* | Mud shrimp |
| F03\_R08 | MP | Early | 42 | COI | *Ancylus* sp*.* | Gastropoda |
| F03\_R08 | MP | Early | 42 | COI | *Eugymnanthea japonica* | Hydrozoa |
| F03\_R08 | MP | Early | 42 | COI | *Leptocythere lacertosa* | Crustacea, Ostracoda |
| F03\_R08 | MP | Early | 42 | COI | *Murshidia africana* | Nematoda |
| F03\_R08 | MP | Early | 42 | COI | *Onchidella borealis* | Gastropoda |
| F03\_R08 | MP | Early | 42 | COI | *Terebella tantabiddycreekensis* | Polychaeta, Terebellidae |
| F03\_R09 | MP | Early | 43 | COI | *Leptocythere lacertosa* | Crustacea, Ostracoda |
| F03\_R13 | MP | Early | 47 | 16S | *Corophium volutator* | Mud shrimp |
| F03\_R13 | MP | Early | 47 | COI | *Leptocythere lacertosa* | Crustacea, Ostracoda |
| F03\_R14 | MP | Early | 48 | 16S | *Corophium volutator* | Mud shrimp |
| F03\_R14 | MP | Early | 48 | 16S | *Liriomyza huidobrensis* | Fly |
| F03\_R14 | MP | Early | 48 | COI | *Brachycaudus populi* | Aphid |
| F03\_R14 | MP | Early | 48 | COI | *Ventrosia truncata* | Gastropoda |
| F03\_R17 | MP | Late | 3 | 16S | *Corophium volutator* | Mud shrimp |
| F03\_R17 | MP | Late | 3 | 16S | *Gammarus mucronatus* | Crustacea |
| F04\_R02 | MP | Late | 5 | 16S | *Clupea harengus* | Atlantic herring |
| F04\_R02 | MP | Late | 5 | 16S | *Corophium volutator* | Mud shrimp |
| F04\_R06 | MP | Late | 9 | 16S | *Corophium volutator* | Mud shrimp |
| F04\_R07 | MP | Late | 10 | 16S | *Corophium volutator* | Mud shrimp |
| F04\_R07 | MP | Late | 10 | 16S | *Gammarus mucronatus* | Crustacea |
| F04\_R07 | MP | Late | 10 | 16S | *Littorina littorea* | Gastropoda |
| F04\_R07 | MP | Late | 10 | COI | *Araneus marmoreus* | Spider |
| F04\_R07 | MP | Late | 10 | COI | *Gammarus mucronatus* | Crustacea |
| F04\_R07 | MP | Late | 10 | COI | *Ingrassia* sp*.* | Tick |
| F04\_R08 | MP | Late | 11 | 16S | *Corophium volutator* | Mud shrimp |
| F04\_R08 | MP | Late | 11 | COI | *Clupea harengus* | Atlantic herring |
| F04\_R08 | MP | Late | 11 | COI | *Gammarus mucronatus* | Crustacea |
| F04\_R12 | MP | Late | 15 | COI | *Cerebratulus longiceps* | Ribbon worm |
| F04\_R12 | MP | Late | 15 | COI | *Coryssocnemis simla* | Spider |
| F04\_R12 | MP | Late | 15 | COI | *Terebella tantabiddycreekensis* | Polychaeta, Terebellidae |
| F04\_R15 | MP | Late | 18 | 16S | *Corophium volutator* | Mud shrimp |
| F05\_R02 | MP | Late | 22 | 16S | *Corophium volutator* | Mud shrimp |
| F05\_R04 | MP | Late | 24 | 16S | *Corophium volutator* | Mud shrimp |
| F05\_R06 | MP | Late | 26 | 16S | *Carcinus maenas* | Green crab |
| F05\_R06 | MP | Late | 26 | 16S | *Corophium volutator* | Mud shrimp |
| F05\_R07 | MP | Late | 27 | 16S | *Carcinus maenas* | Green crab |
| F05\_R07 | MP | Late | 27 | 16S | *Corophium volutator* | Mud shrimp |
| F05\_R07 | MP | Late | 27 | COI | *Terebella tantabiddycreekensis* | Polychaeta, Terebellidae |
| F05\_R08 | MP | Late | 28 | 16S | *Corophium volutator* | Mud Shrimp |
| F05\_R10 | MP | Late | 30 | 16S | *Corophium volutator* | Mud shrimp |
| F05\_R11 | MP | Late | 32 | 16S | *Corophium volutator* | Mud shrimp |
| F05\_R16 | MP | Late | 36 | 16S | *Corophium volutator* | Mud shrimp |
| F06\_R01 | MP | Late | 39 | 16S | *Corophium volutator* | Mud shrimp |
| F06\_R04 | MP | Late | 41 | 16S | *Corophium volutator* | Mud shrimp |
| F06\_R04 | MP | Late | 41 | 16S | *Gammarus mucronatus* | Crustacea |
| F06\_R04 | MP | Late | 41 | 16S | *Hydrobia* sp*.* | Gastropoda |
| F06\_R04 | MP | Late | 41 | COI | *Clupea harengus* | Atlantic herring |
| F06\_R04 | MP | Late | 41 | COI | *Evadne spinifera* | Crustacea |
| F06\_R04 | MP | Late | 41 | COI | *Gammarus mucronatus* | Crustacea |
| F06\_R04 | MP | Late | 41 | COI | *Temora longicornis* | Crustacea, Copepoda |
| F06\_R06 | MP | Late | 43 | 16S | *Corophium volutator* | Mud shrimp |
| F06\_R08 | MP | Late | 45 | 16S | *Corophium volutator* | Mud shrimp |
| F06\_R08 | MP | Late | 45 | 16S | *Littorina saxatilis* | Gastropoda |
| F06\_R08 | MP | Late | 45 | COI | *Diplopoma crenulatum* | Gastropoda |
| F06\_R09 | MP | Late | 46 | 16S | *Corophium volutator* | Mud shrimp |
| F06\_R09 | MP | Late | 46 | 16S | *Idotea chelipes* | Crustacea |
| F06\_R09 | MP | Late | 46 | COI | *Branchiocerianthus imperator* | Hydrozoa |
| F06\_R09 | MP | Late | 46 | COI | *Cithaeron praedonius* | Spider |
| F06\_R09 | MP | Late | 46 | COI | *Evadne spinifera* | Crustacea |
| F06\_R09 | MP | Late | 46 | COI | *Terebella tantabiddycreekensis* | Polychaeta, Terebellidae |
| F06\_R10 | MP | Late | 47 | 16S | *Corophium volutator* | Mud shrimp |
| F06\_R10 | MP | Late | 47 | 16S | *Hydrobia* sp*.* | Gastropoda |
| F06\_R10 | MP | Late | 47 | COI | *Anopheles farauti* | Mosquito |
| F06\_R10 | MP | Late | 47 | COI | *Clupea harengus* | Atlantic herring |
| F06\_R11 | MP | Late | 48 | 16S | *Corophium volutator* | Mud shrimp |
| F03\_R17 | MP | Late | 3 | COI | *Cochliomyia hominivorax* | Fly |
| F03\_R17 | MP | Late | 3 | COI | *Gammarus mucronatus* | Crustacea |
| F04\_R02 | MP | Late | 5 | COI | *Ceriantheomorphe brasiliensis* | Cnidaria |
| F04\_R02 | MP | Late | 5 | COI | *Leptocythere lacertosa* | Crustacea, Ostracoda |
| F04\_R02 | MP | Late | 5 | COI | *Pineus* sp*.* | Aphid |
| F05\_R06 | MP | Late | 26 | COI | *Terebella tantabiddycreekensis* | Polychaeta, Terebellidae |
| F05\_R10 | MP | Late | 30 | COI | *Anopheles dirus* | Mosquito |
| F05\_R10 | MP | Late | 30 | COI | *Chloeia parva* | Polychaeta, Amphinomidae |
| F05\_R10 | MP | Late | 30 | COI | *Niphargus glenniei* | Crustacea |
| F05\_R10 | MP | Late | 30 | COI | *Scalptia bicolor* | Gastropoda |
| F06\_R05 | MP | Late | 42 | COI | *Eurythenes gryllus* | Crustacea |
| F06\_R05 | MP | Late | 42 | COI | *Evadne spinifera* | Crustacea |
| F06\_R05 | MP | Late | 42 | COI | *Peripatopsis balfouri* | Velvet worm |
| F06\_R05 | MP | Late | 42 | COI | *Pineus* sp*.* | Aphid |
| F06\_R05 | MP | Late | 42 | COI | *Platynaspis maculosa* | Beetle |
| F06\_R05 | MP | Late | 42 | COI | *Vespula germanica* | Wasp |

Supplemental Material Table S2. Frequency of occurrence of main metazoan prey items (see Table 3 and Supplemental Material Table S1) in feces of Semipalmated Sandpipers, identified by each of 2 mitochondrial loci (*COI* and *16S*; see text and Table 1), from the Bay of Fundy, Canada, in 2010 during two periods: “early” (August 2–5) and “late” (August 22–23). For site names and locations, see Figure 1. This table enables one to assess the effectiveness of each marker.

