Figure Captions

Figure 1. Map of study area showing locations of archaeological sites and other locations discussed in the paper.

Figure 2. Relative proportions of vertebrate remains (% NISP), by class.

Figure 3. Relative proportions (% NISP) of mammalian taxa in Haida Gwaii sites .

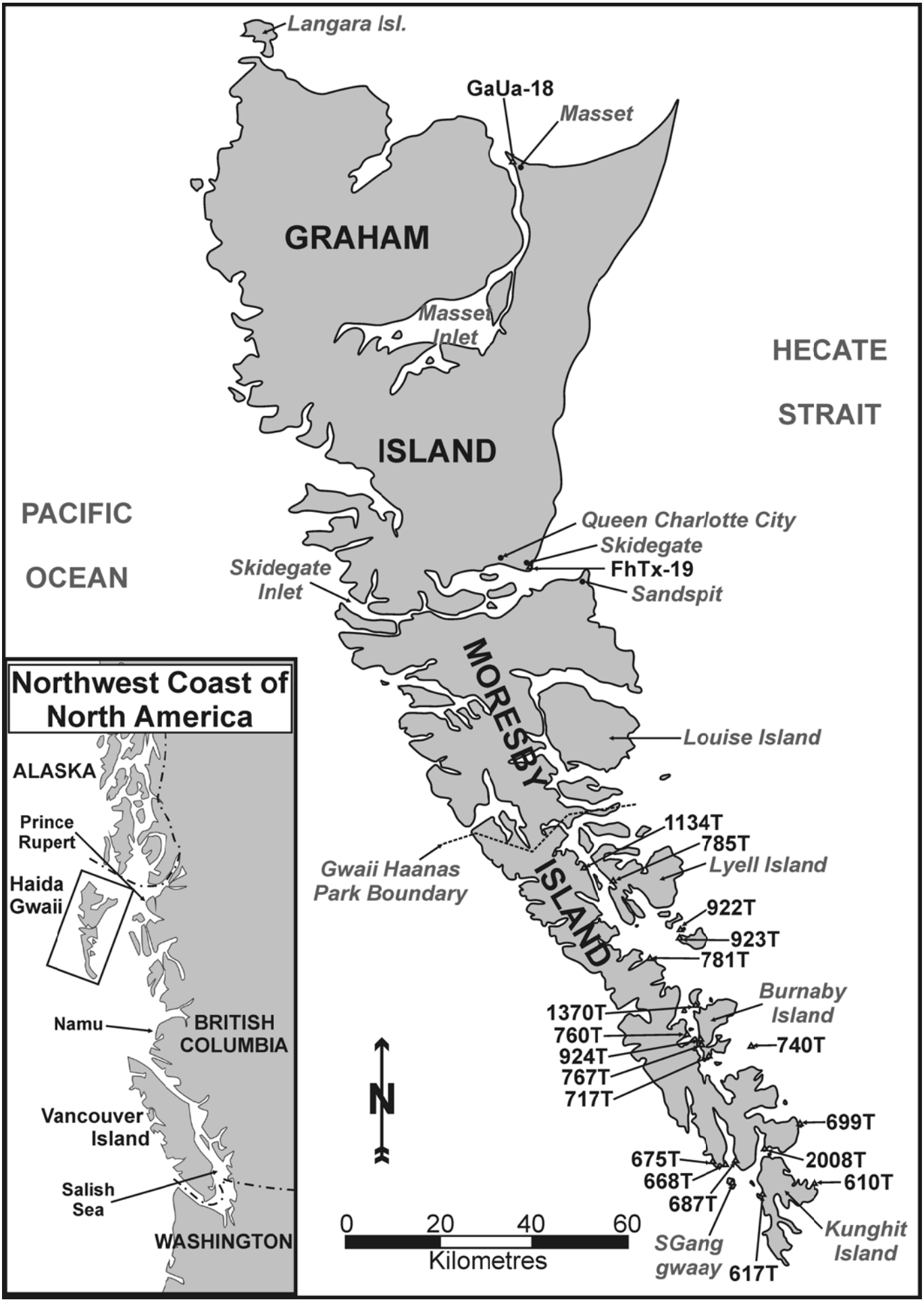
Figure 4. Mean stable carbon and nitrogen isotope ratios for analysed taxa: (A) sea otter; (B) ancient murrelet; (C) salmon; (D) rockfish. Data points represent site means; error bars represent one standard deviation. Mean values for sea otter from site 699T exclude two outliers (see Table 4).

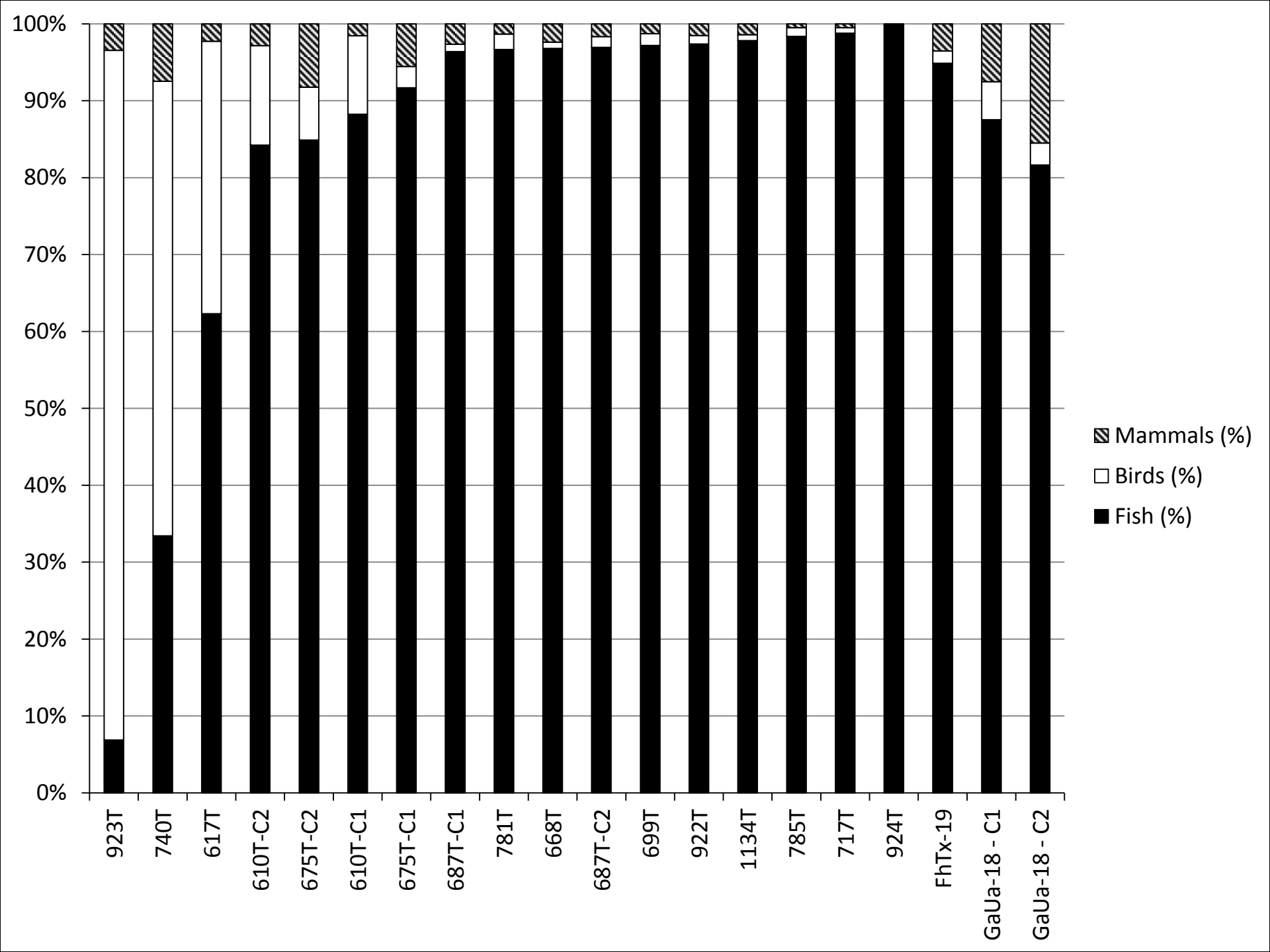
Figure 5. Relative proportions (% NISP) of major bird taxa in Haida Gwaii sites.

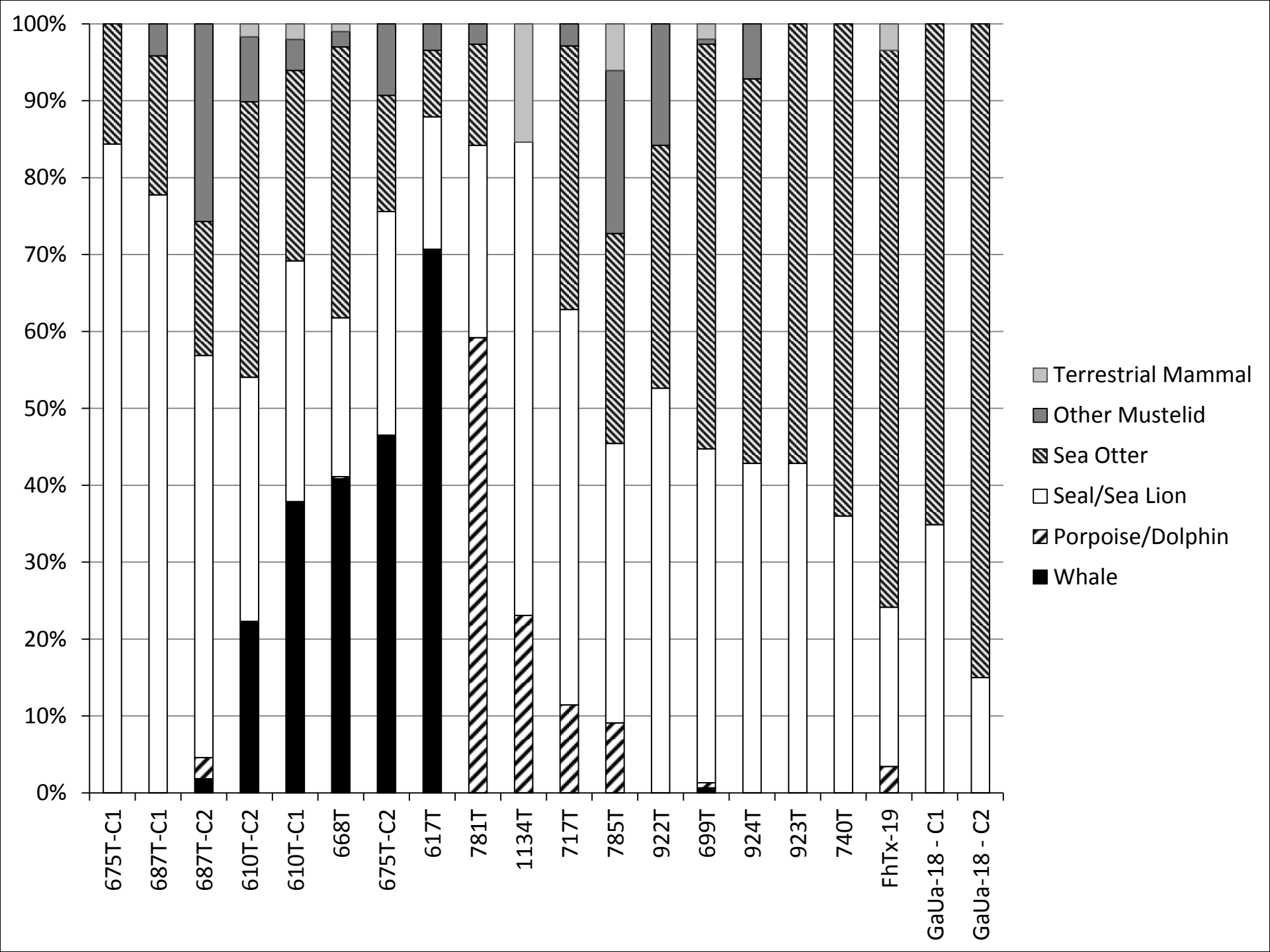
Figure 6. Relative proportions (% NISP) of major fish taxa in Haida Gwaii sites.

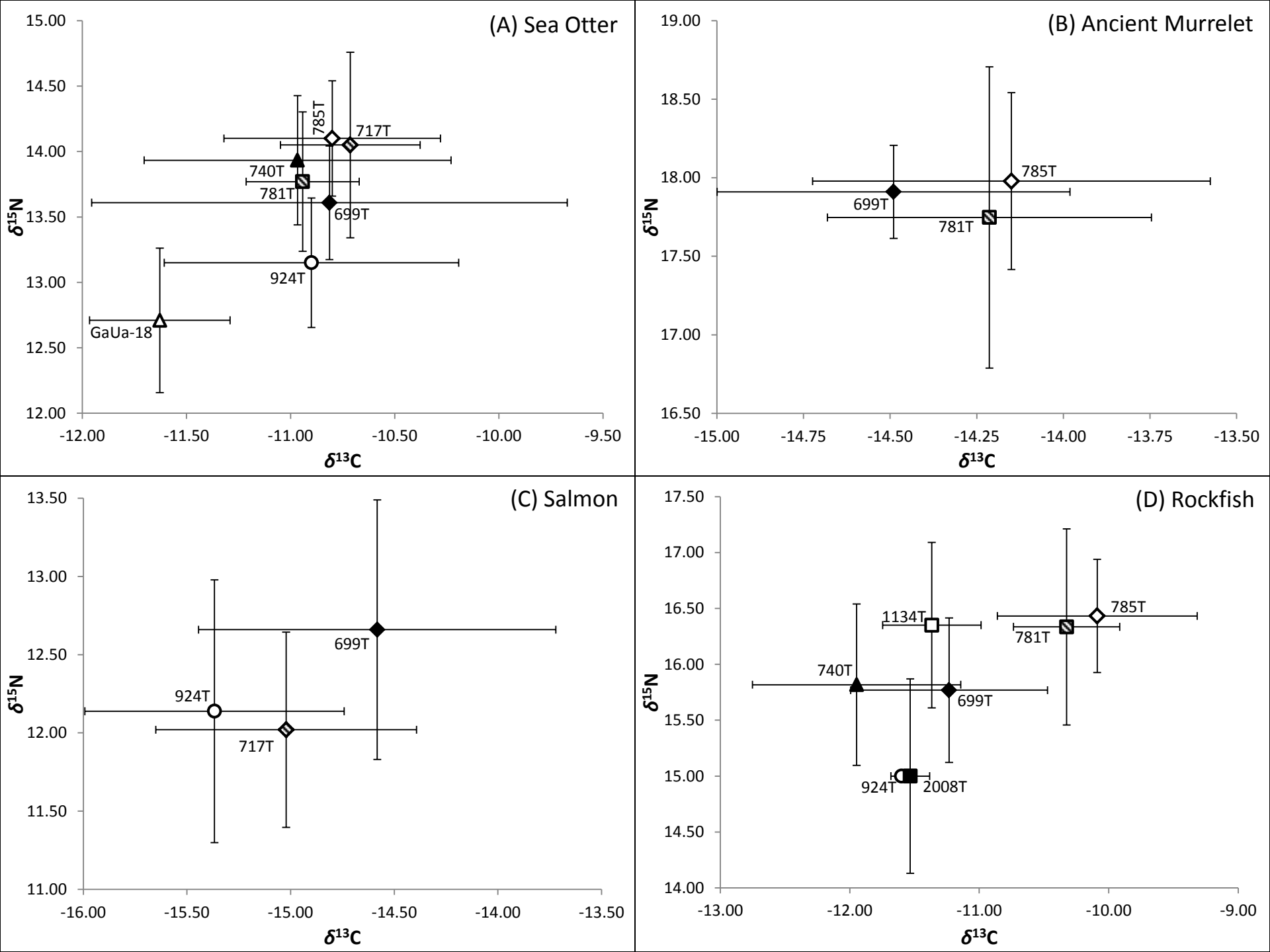
Figure 7. Map of herring spawning areas and herring abundance by archaeological site. Dark-shaded coastlines represent locations of herring spawning activity recorded by the Department of Fisheries and Oceans between 1946 and 1998 (after Sloan 2006: 68). Sites in bold text with large pie-charts were screened through 1/8 inch (3.2 mm) mesh screen or finer. Pie charts show relative abundance of herring (% Fish NISP) for both excavation unit samples (dark pies, percentage in normal font) and for bulk matrix samples (diagonal hashed pies and dark pies summed, percentage in italicized font).

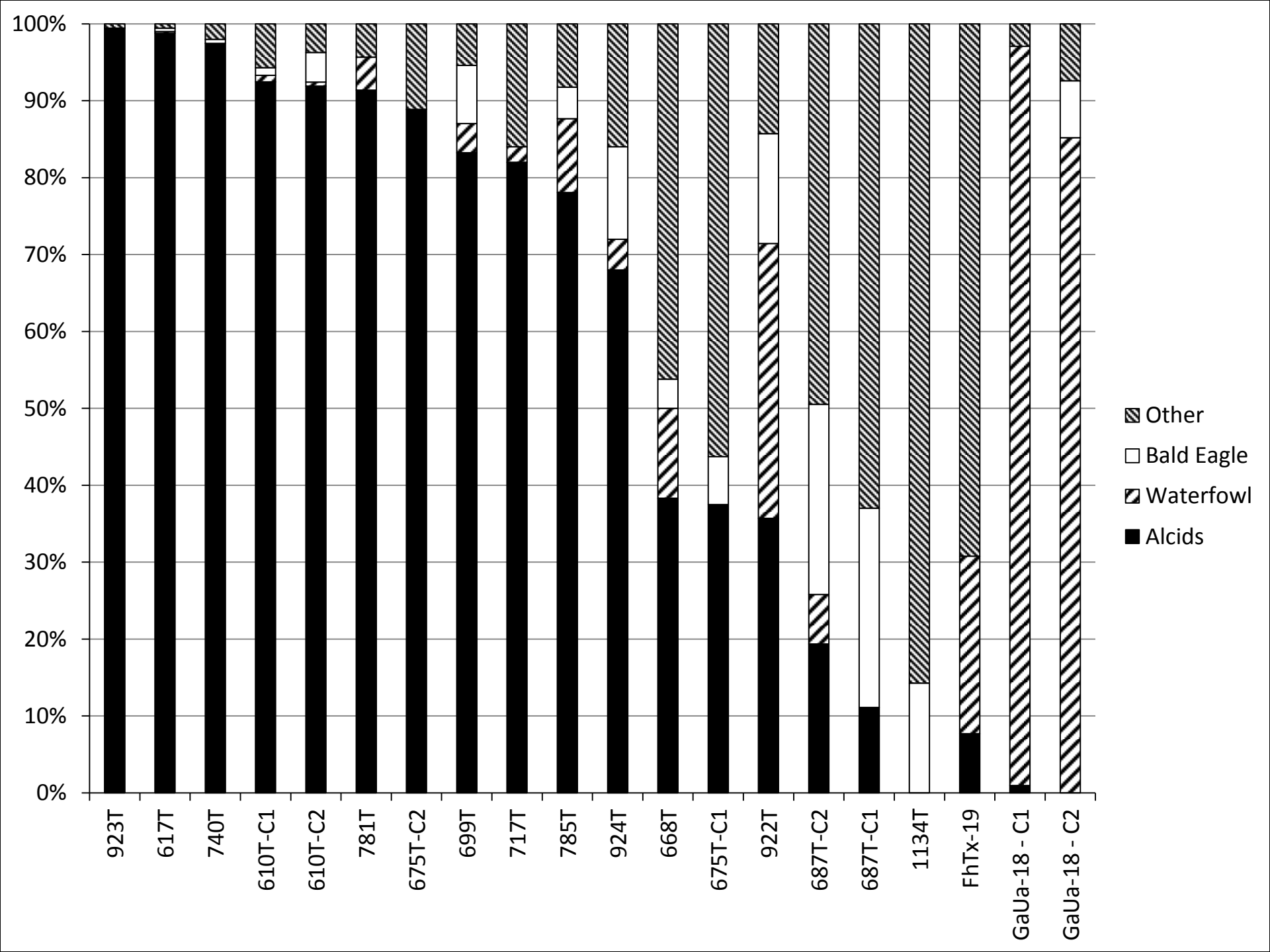
Figure 8. Relative proportions (% weight) of major invertebrate taxa in late Holocene assemblages from Haida Gwaii. Site setting codes for Gwaii Haanas sites are: Exp = Exposed; S-P = Semi-Protected; Pro = Protected. GaUa-18 represents the single site from Northern Graham Island, and is not included in the site setting system from southern Haida Gwaii. The "Small Mussel" category for GaUa-18 includes all, undifferentiated mussel shell from the analysed samples, and may include some California mussel.


Langara Isl.
GaUa-18
Masset
GRAHAM
Masset Inlet
ISLAND
HECATE
STRAIT
PACIFIC
OCEAN
Queen Charlotte City
Skidegate
FhTx-19
Sandspit
Skidegate Inlet
MORESBY
ISLAND
Louise Island
1134T
785T
Lyell Island
Gwaii Haanas Park Boundary
922T
923T
781T
Burnaby Island
1370T
760T
924T
767T
717T
740T
699T
675T
668T
687T
2008T
610T
Kunghit Island
SGang gwaay
617T
N
0 20 40 60
Kilometres
Northwest Coast of North America
ALASKA
Prince Rupert
Haida Gwaii
Namu
BRITISH COLUMBIA
Vancouver Island
Salish Sea
WASHINGTON


100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
923T
740T
617T
610T-C2
675T-C2
610T-C1
675T-C1
687T-C1
781T
668T
687T-C2
699T
922T
1134T
785T
717T
924T
FhTx-19
GaUa-18 - C1
GaUa-18 - C2
Mammals (%)
Birds (%)
Fish (%)


100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
675T-C1
687T-C1
687T-C2
610T-C2
610T-C1
668T
675T-C2
617T
781T
1134T
717T
785T
922T
699T
924T
923T
740T
FhTx-19
GaUa-18 - C1
GaUa-18 - C2
Terrestrial Mammal
Other Mustelid
Sea Otter
Seal/Sea Lion
Porpoise/Dolphin
Whale


(A) Sea Otter
15.00
14.50
14.00
13.50
13.00
12.50
12.00
δ15N
-12.00
-11.50
-11.00
-10.50
-10.00
-9.50
δ13C
785T
717T
740T
781T
699T
924T
GaUa-18
(B) Ancient Murrelet
19.00
18.50
18.00
17.50
17.00
16.50
δ15N
-15.00
-14.75
-14.50
-14.25
-14.00
-13.75
-13.50
δ13C
785T
699T
781T
(C) Salmon
13.50
13.00
12.50
12.00
11.50
11.00
δ15N
-16.00
-15.50
-15.00
-14.50
-14.00
-13.50
δ13C
699T
924T
717T
(D) Rockfish
17.50
17.00
16.50
16.00
15.50
15.00
14.50
14.00
δ15N
-13.00
-12.00
-11.00
-10.00
-9.00
δ13C
1134T
785T
781T
740T
699T
924T
2008T


100%
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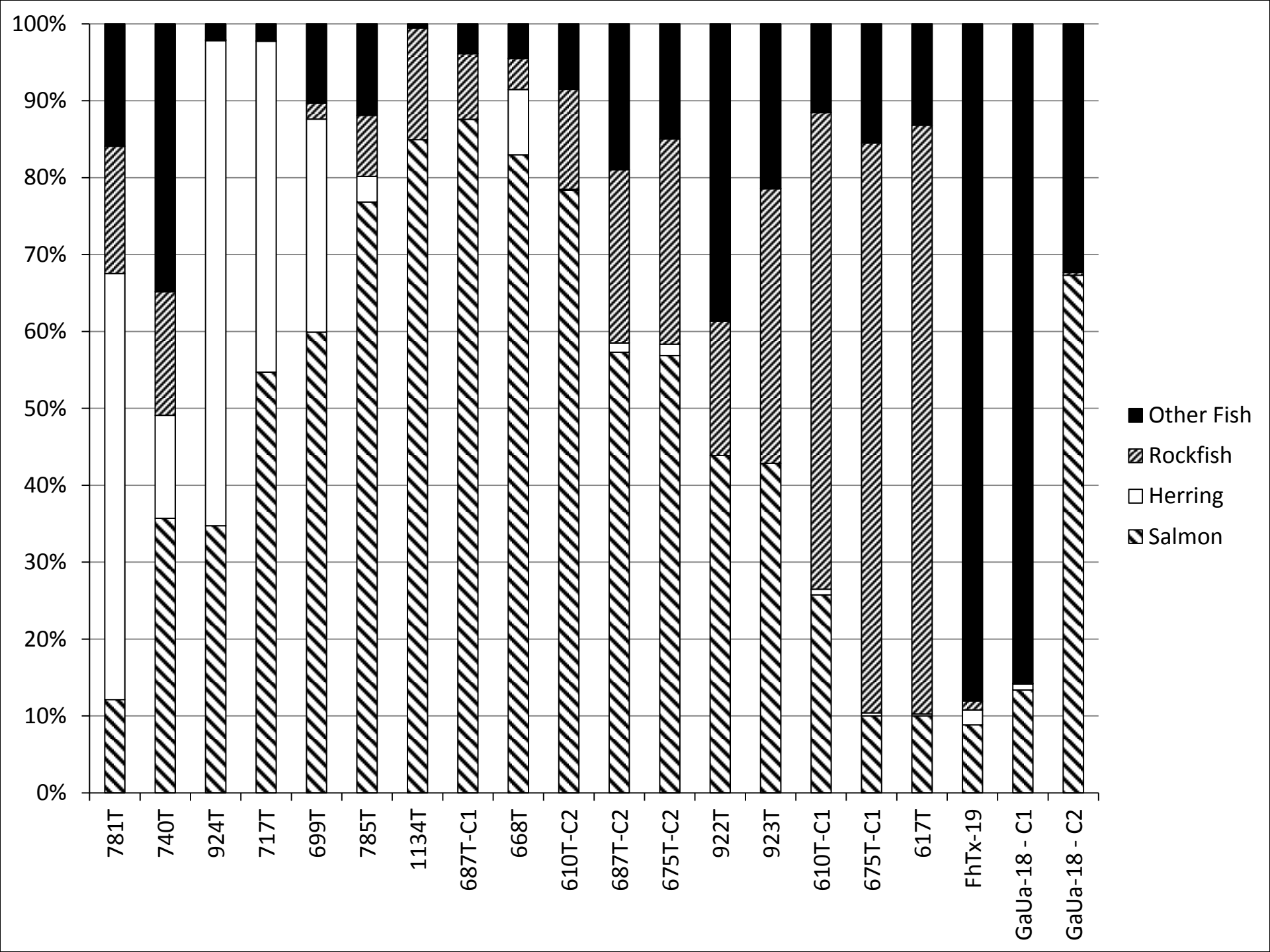
923T
617T
740T
610T-C1
610T-C2
781T
675T-C2
699T
717T
785T
924T
668T
675T-C1
922T
687T-C2
687T-C1
1134T
FhTx-19
GaUa-18 - C1
GaUa-18 - C2
Other
Bald Eagle
Waterfowl
Alcids


100%
90%
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60%
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20%
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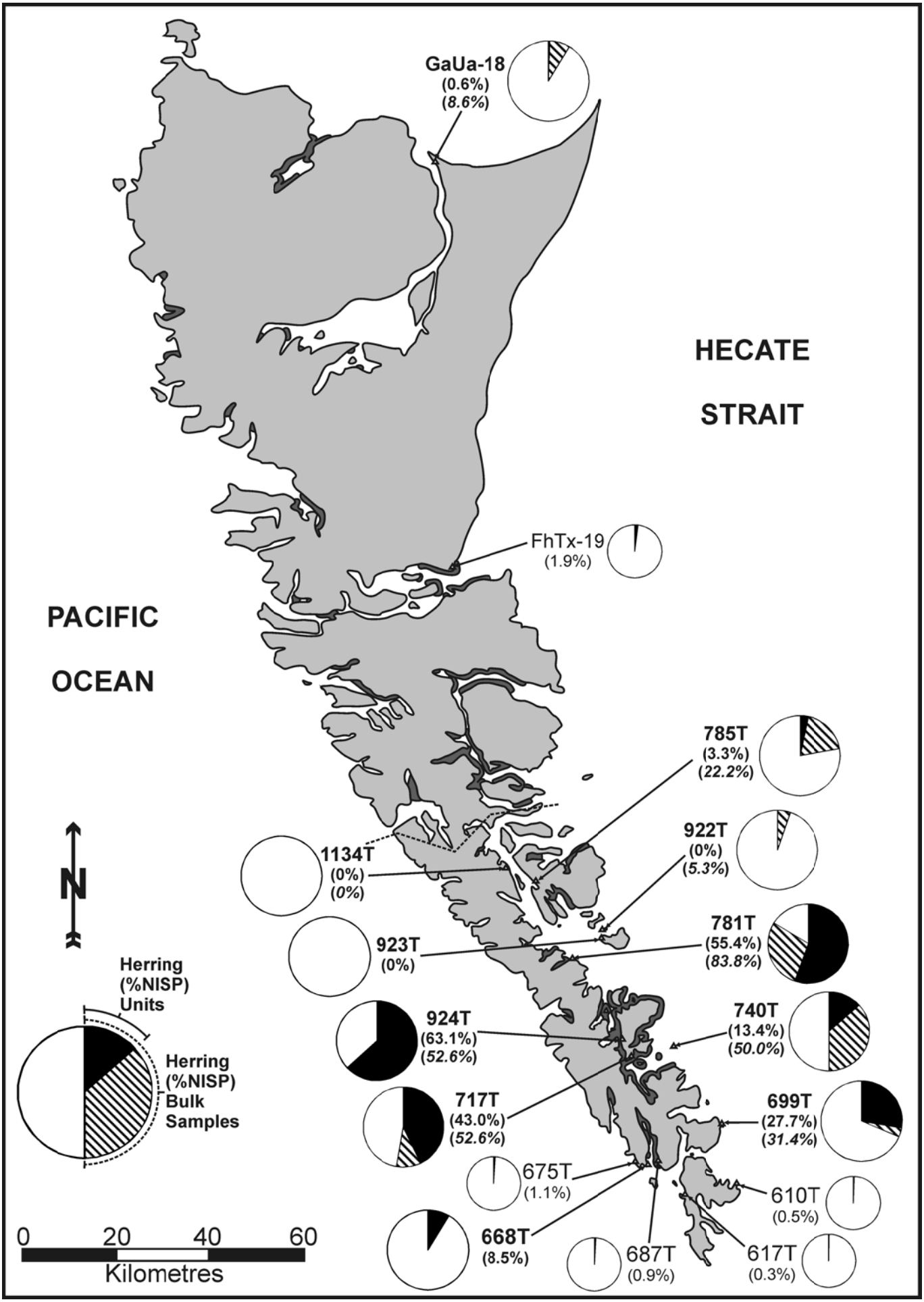
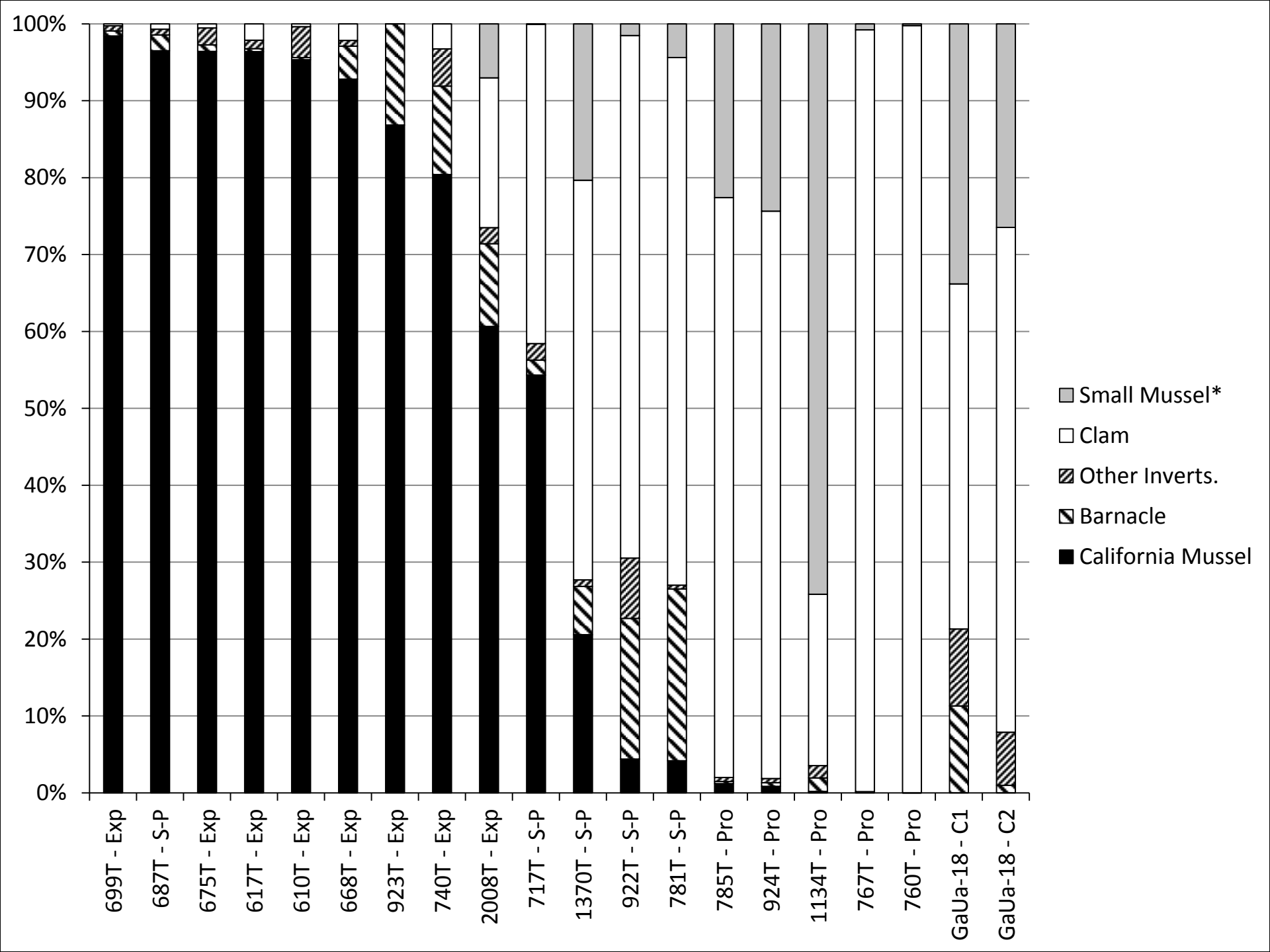
0%
781T
740T
924T
717T
699T
785T
1134T
687T-C1
668T
610T-C2
687T-C2
675T-C2
922T
923T
610T-C1
675T-C1
617T
FhTx-19
GaUa-18 - C1
GaUa-18 - C2
Other Fish
Rockfish
Herring
Salmon


GaUa-18
(0.6%)
(8.6%)
HECATE
STRAIT
FhTx-19
(1.9%)
PACIFIC
OCEAN
785T
(3.3%)
(22.2%)
922T
(0%)
(5.3%)
1134T
(0%)
(0%)
781T
(55.4%)
(83.8%)
923T
(0%)
924T
(63.1%)
(52.6%)
740T
(13.4%)
(50.0%)
717T
(43.0%)
(52.6%)
699T
(27.7%)
(31.4%)
675T
(1.1%)
610T
(0.5%)
668T
(8.5%)
687T
(0.9%)
617T
(0.3%)
N
Herring
(%NISP)
Units
Herring
(%NISP)
Bulk
Samples
0
20
40
60
Kilometres


100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
699T - Exp
687T - S-P
675T - Exp
617T - Exp
610T - Exp
668T - Exp
923T - Exp
740T - Exp
2008T - Exp
717T - S-P
1370T - S-P
922T - S-P
781T - S-P
785T - Pro
924T - Pro
1134T - Pro
767T - Pro
760T - Pro
GaUa-18 - C1
GaUa-18 - C2
Small Mussel*
Clam
Other Inverts.
Barnacle
California Mussel