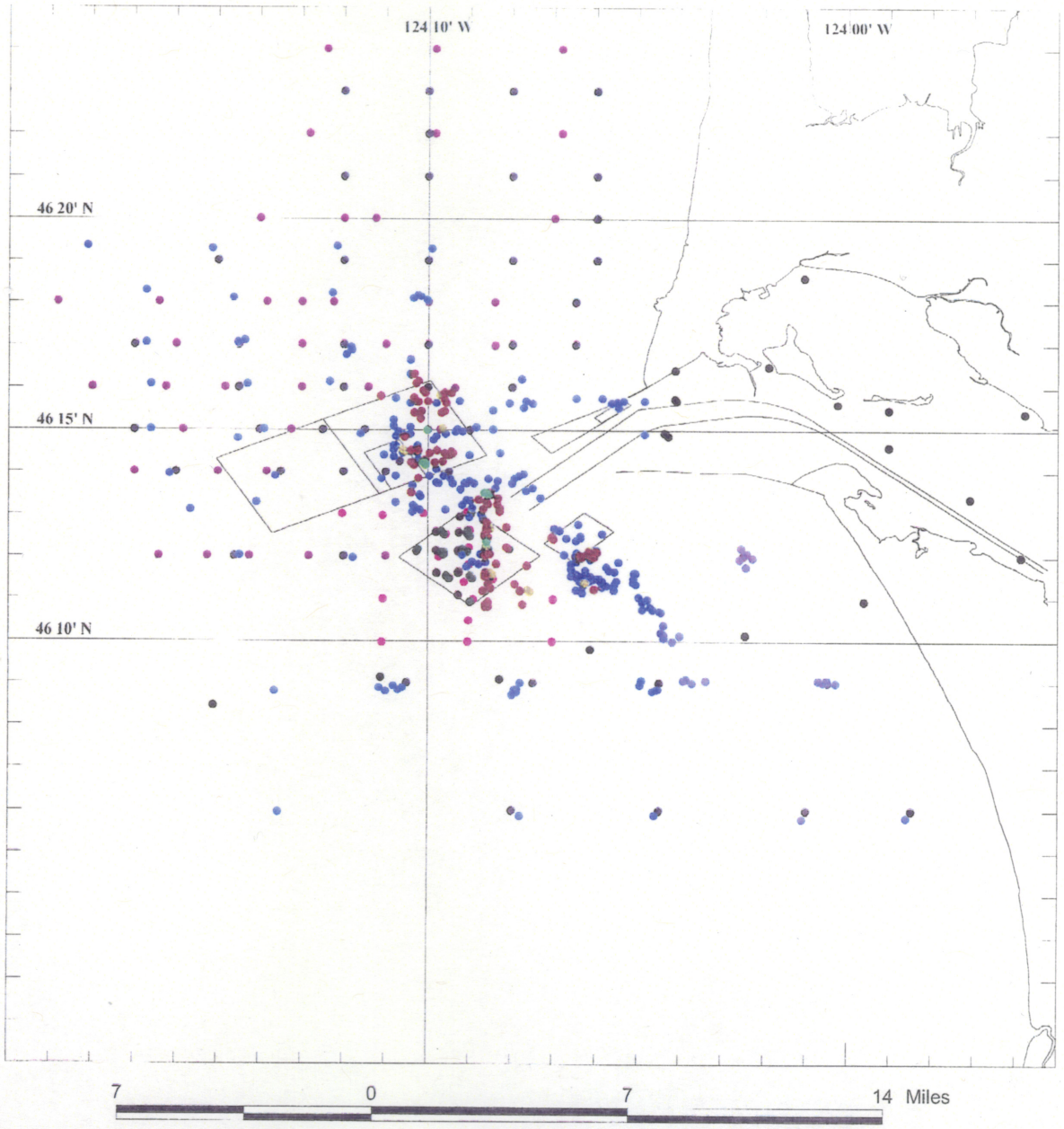
Marine Fauna Sample Locations

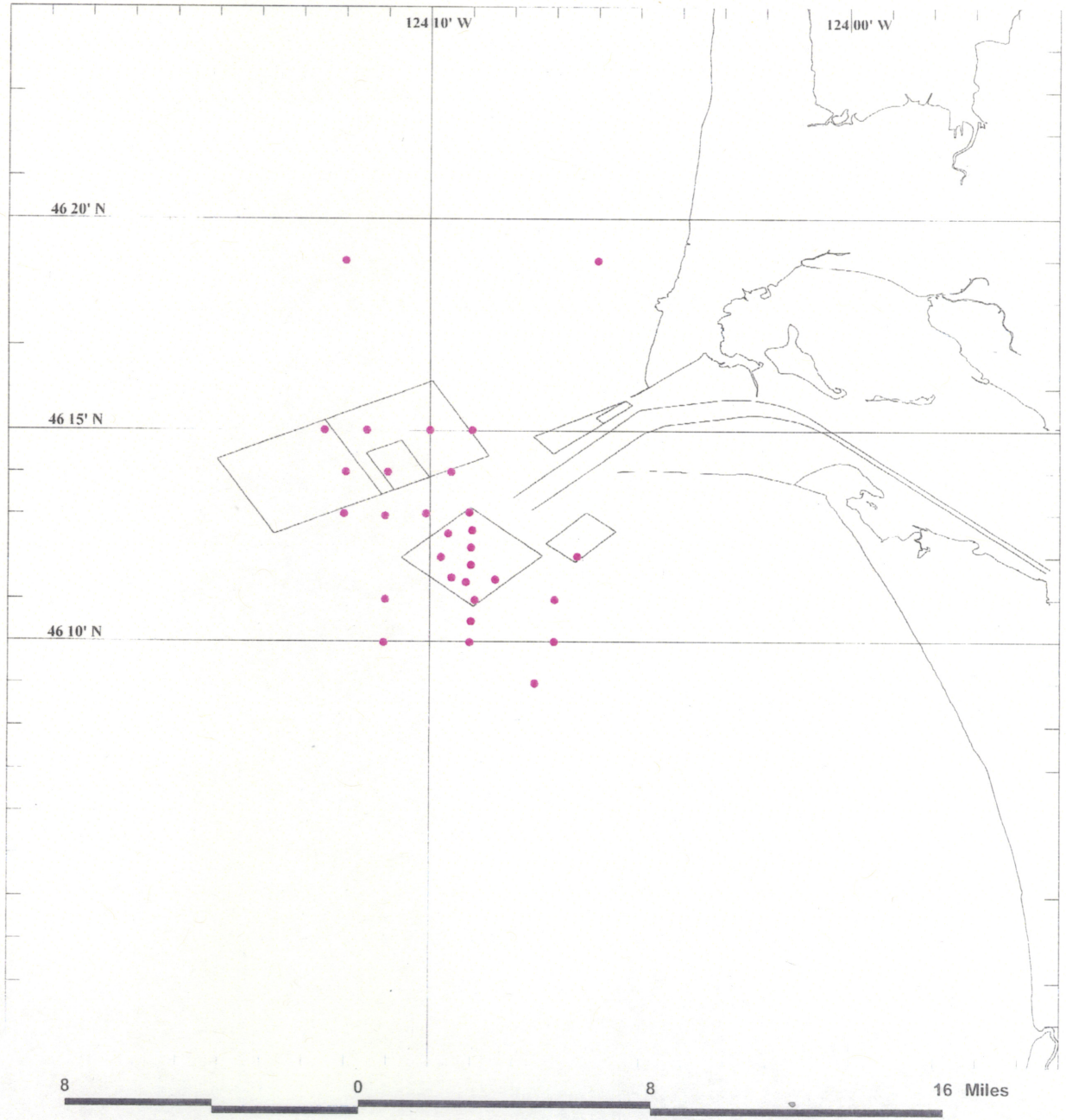
Figure 1



- McCabe et al. 83-1986
- McCabe et al. 84-1986
- McCabe et al. 85-1986
- Durkin. et al 74-1977
- Durkin et al. 75-1977
- Durkin et al. 76-1977
- Richardson et al. 1977
- Siipolo 89-1993
- Siipolo 90-1993
- Siipolo 91-1993
- Siipolo 92-1993
- Hinton & Emmett 92-1994
- Emmett & Hinton 93-1995
- Hinton & Emmett 94-1996
- 95-96-unpublished
- Columbia River mouth basemap

1993 Benthic Infauna Sample Locations

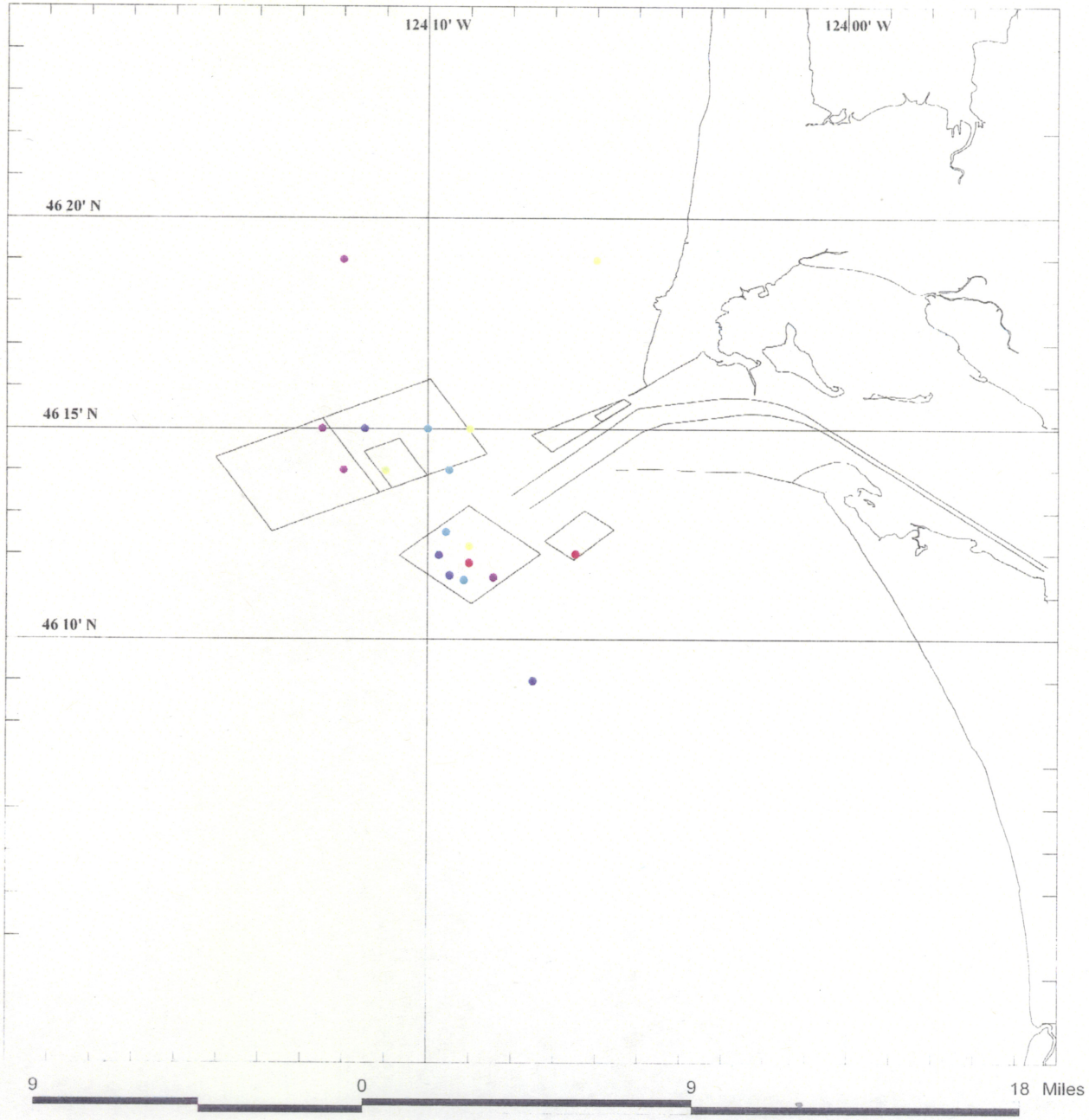
Figure 10



• Emmett & Hinton 93-1995
Columbia River mouth basemap

1993 Invertebrate Density

Figure 11

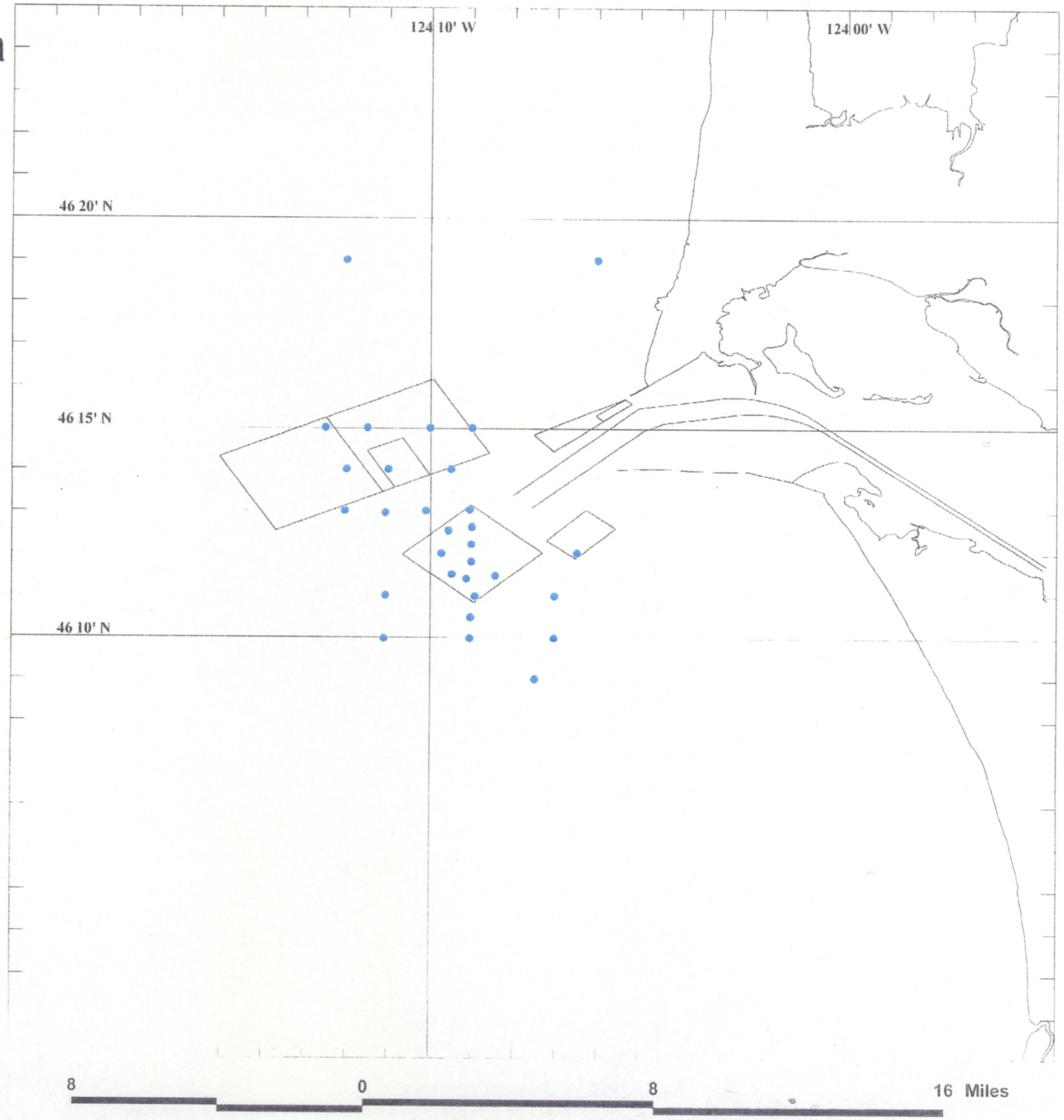


Emmett & Hinton 93-1995 (#/m2)
- 1 - 1542
- 1543 - 5156
- 5157 - 7613
- 7614 - 9802
- 9803 - 13375

Columbia River mouth basemap

1994 Benthic Infauna Sample Locations

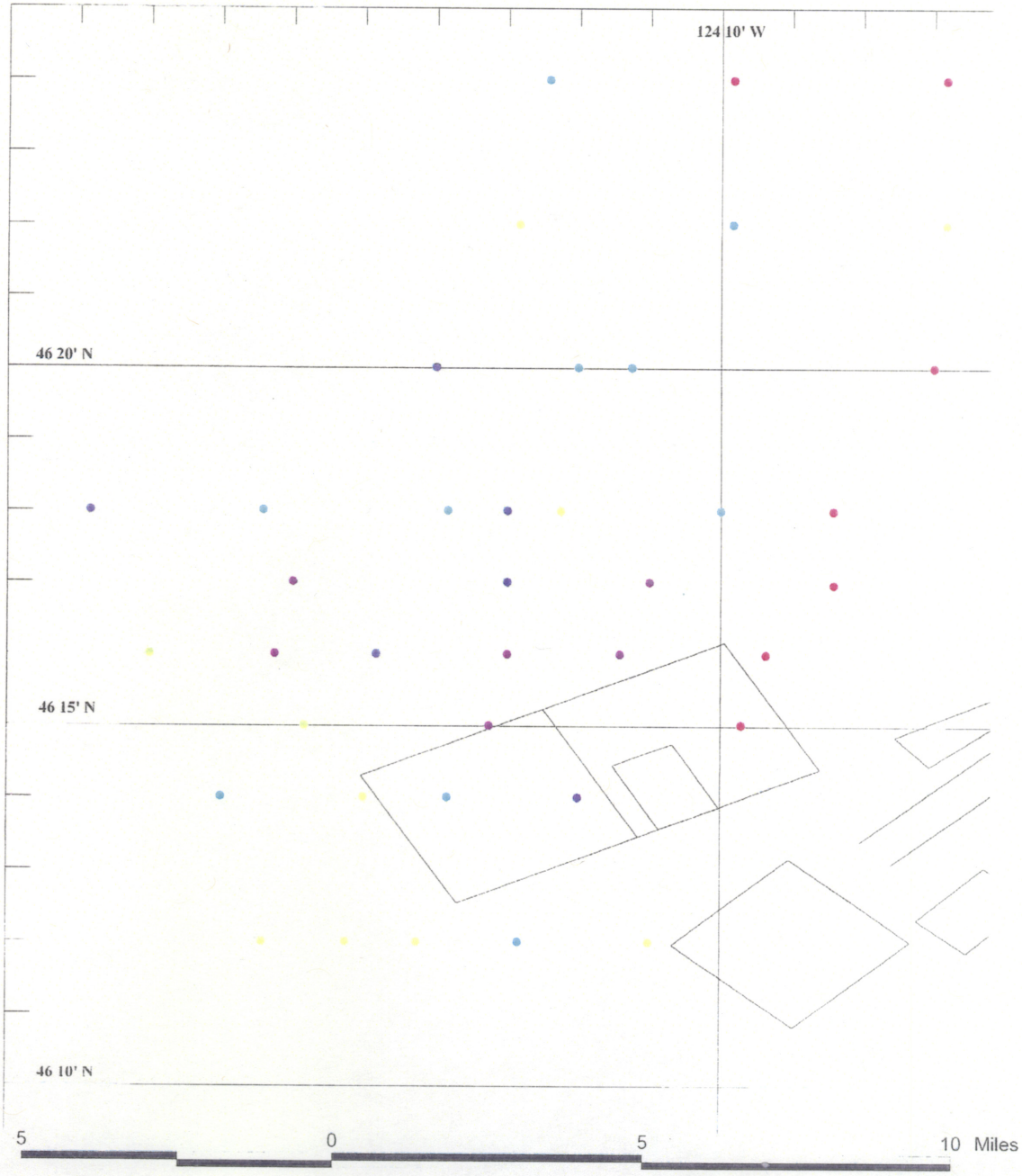
Figure 12



Hinton & Emmett 94-1996
Columbia River mouth basemap

1996 Invertebrate Density

Figure 13



95-96-unpublished (#/m2)
- 0 - 4689
- 4690 - 9899
- 9900 - 13702
- 13703 - 19652
- 19653 - 35240
- Columbia River mouth basemap

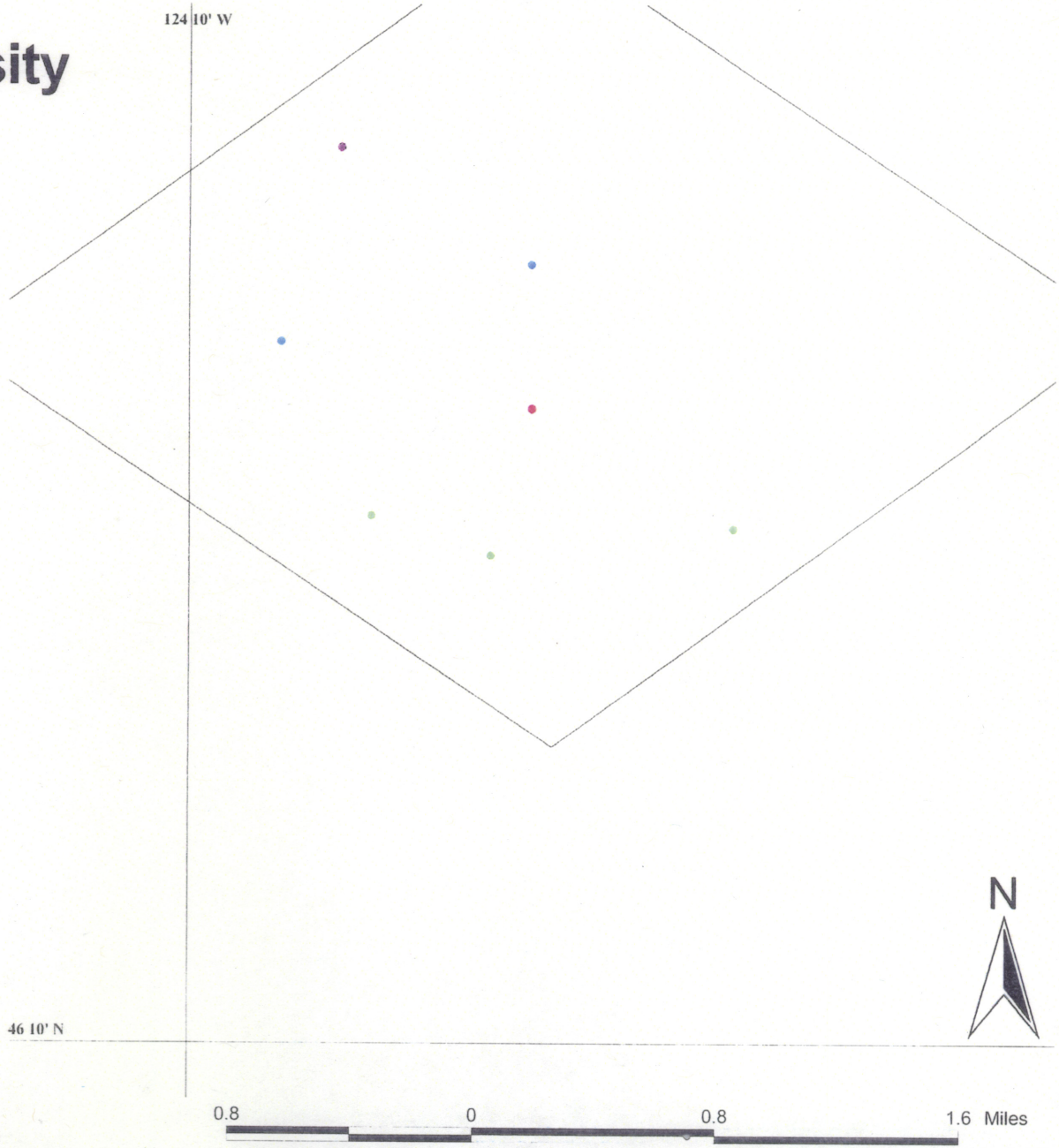
1996 Benthic Infauna Sample Locations

Figure 14

• 95-96-unpublished
Columbia River mouth basemap

1994 Invertebrate Density

Figure 15

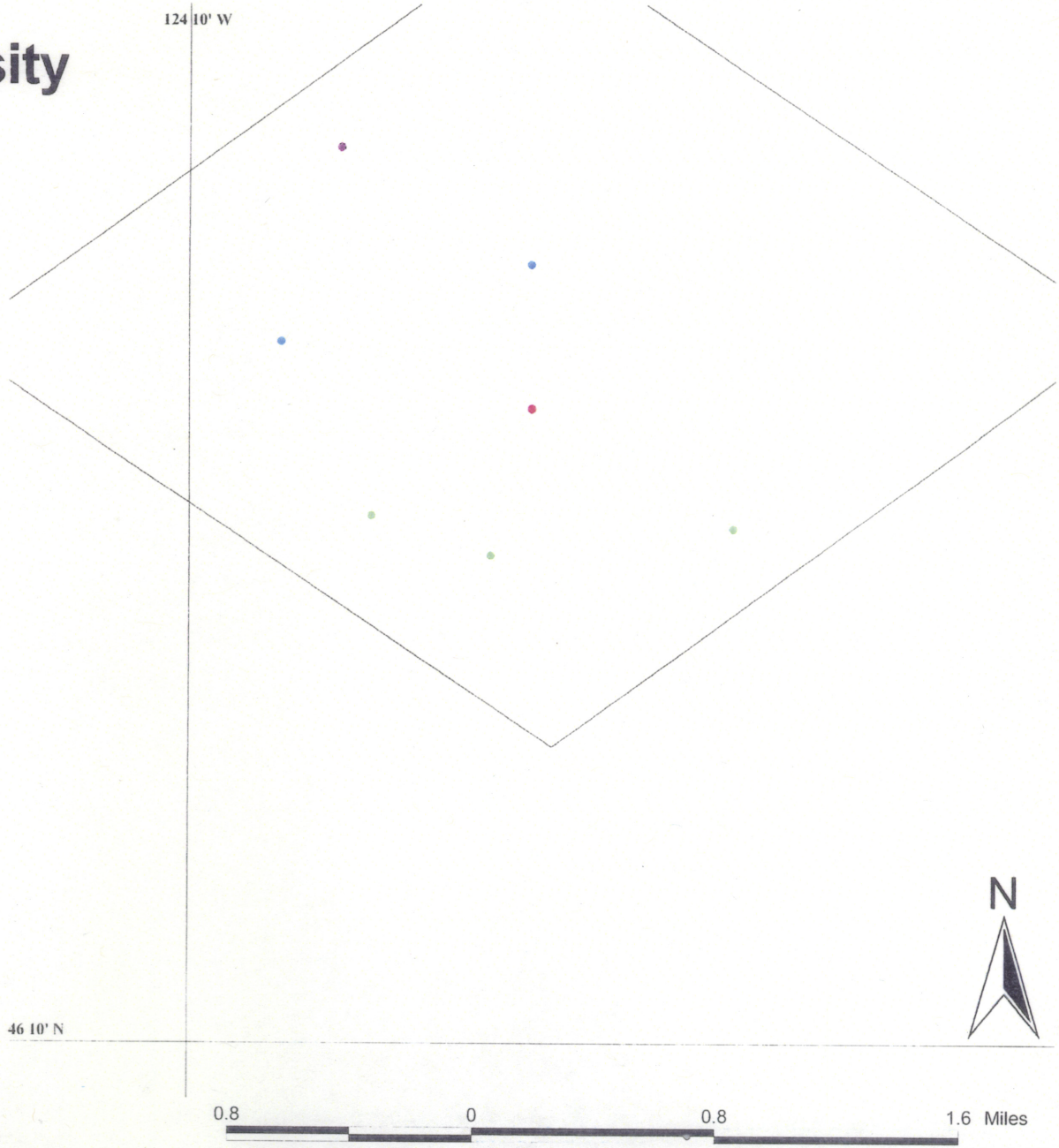


Hinton & Emmett 94-1996 (#/m2)

- 1 - 3205
- 3206 - 6752
- 6753 - 13798
- 13799 - 17439
- Columbia River mouth basemap

1994 Invertebrate Density

Figure 15



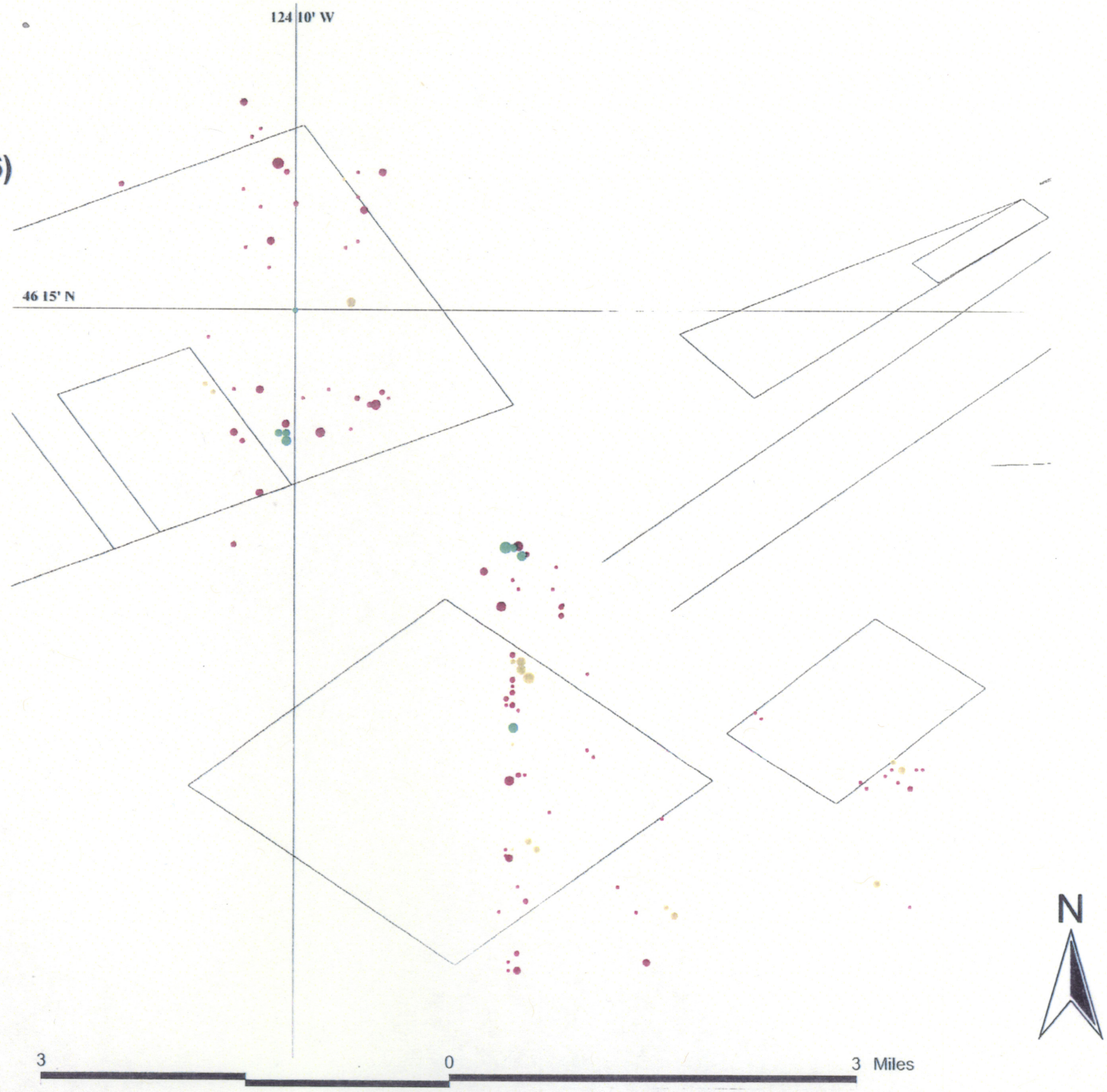
Hinton & Emmett 94-1996 (#/m2)

- 1 - 3205
- 3206 - 6752
- 6753 - 13798
- 13799 - 17439
- Columbia River mouth basemap

Fish Data

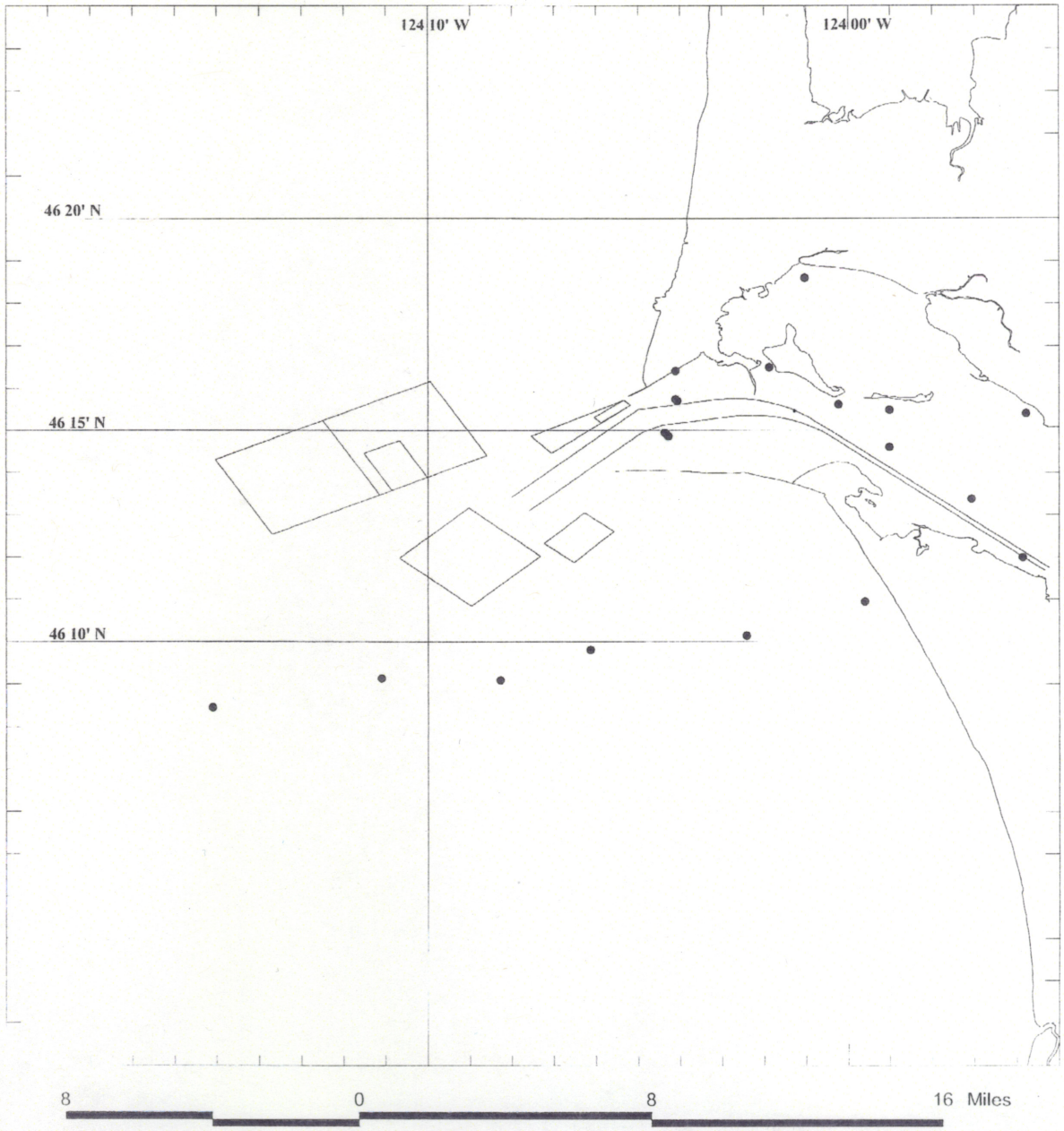
(total fish for 1974, 1975, 1976)

Figure 17



Dungeness Crab Sample Locations (1983, 1984, 1985)

Figure 19

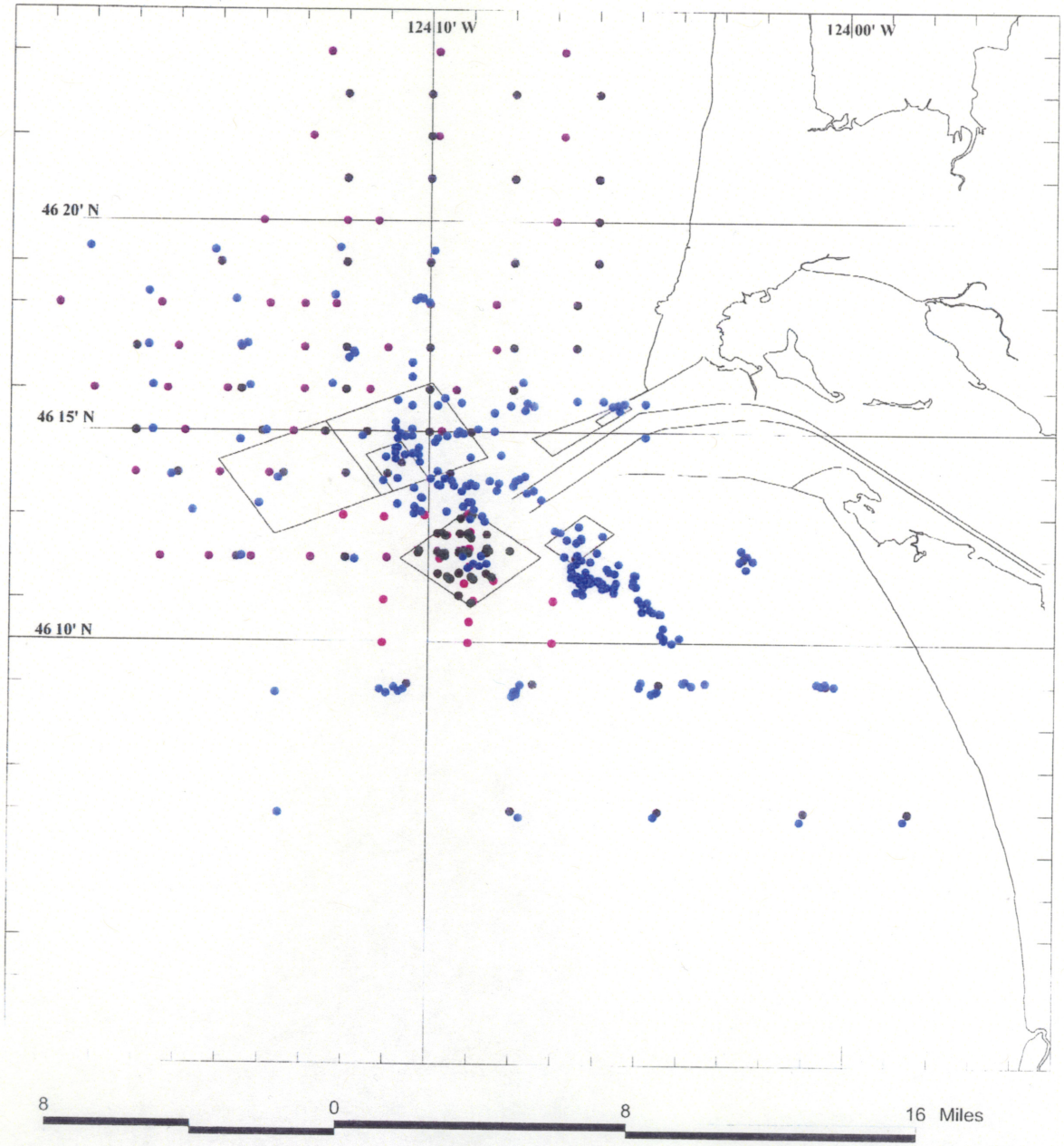


- McCabe et al. 1986
  Columbia River mouth basemap

Benthic Invertebrate Sample Locations

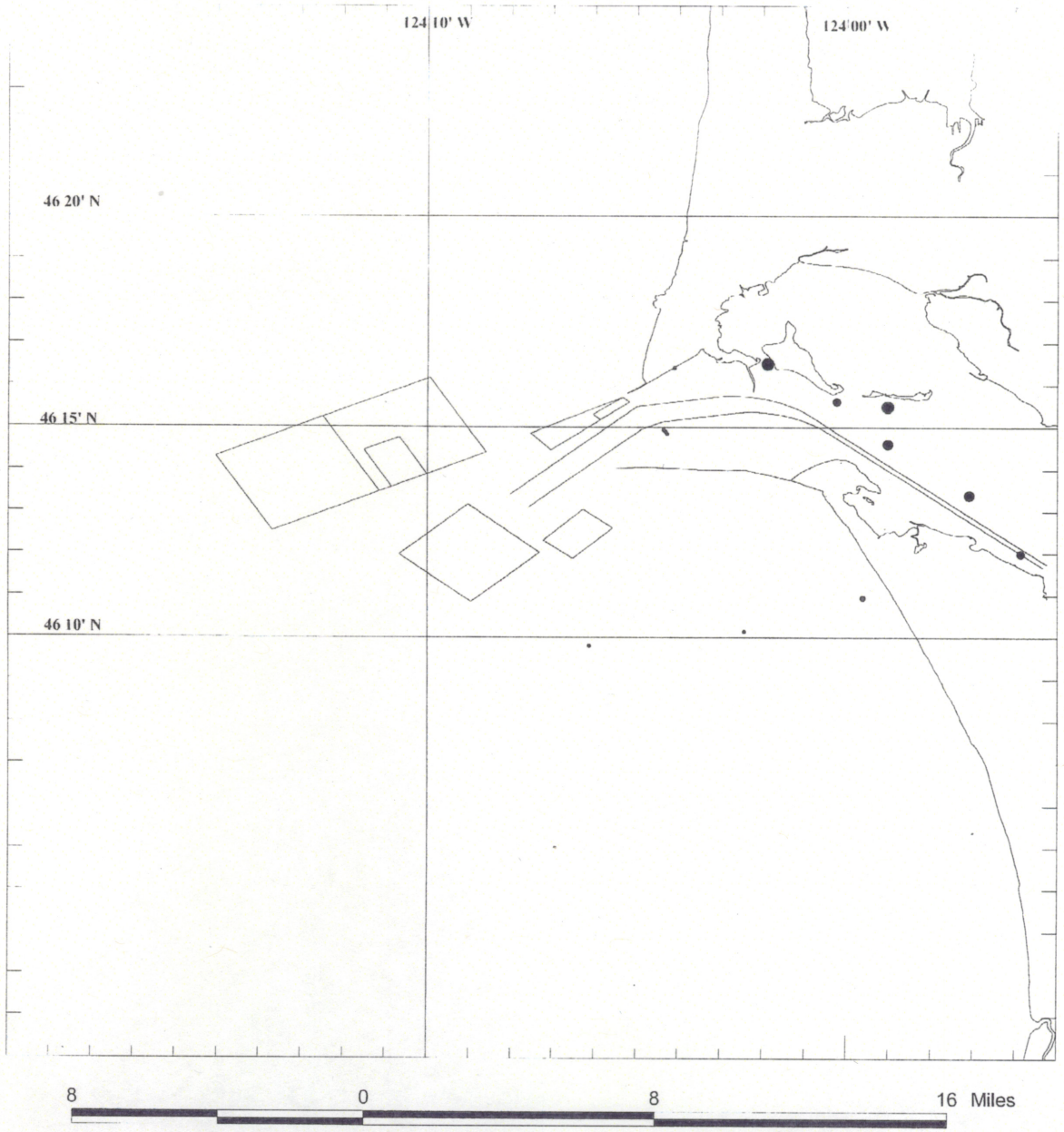
(excluding crab and fish/shellfish data)

Figure 2



1983 Distribution of Dungeness Crabs

Figure 20

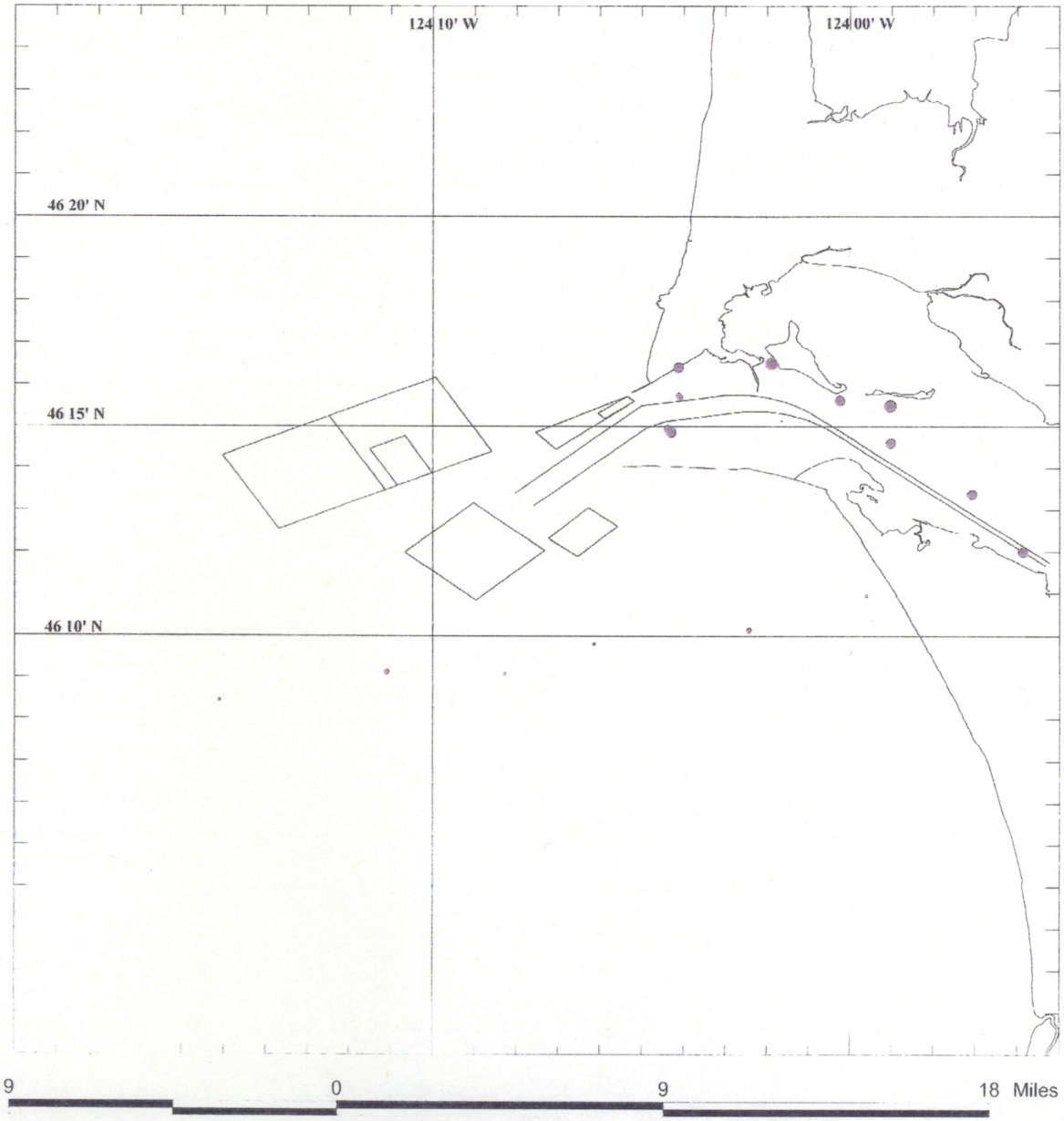


McCabe et al. 83-1986
- 1 - 4
- 5 - 9
- 10 - 38
- 39 - 85
- 86 - 1118

Columbia River mouth basemap

1984 Distribution of Dungeness Crabs

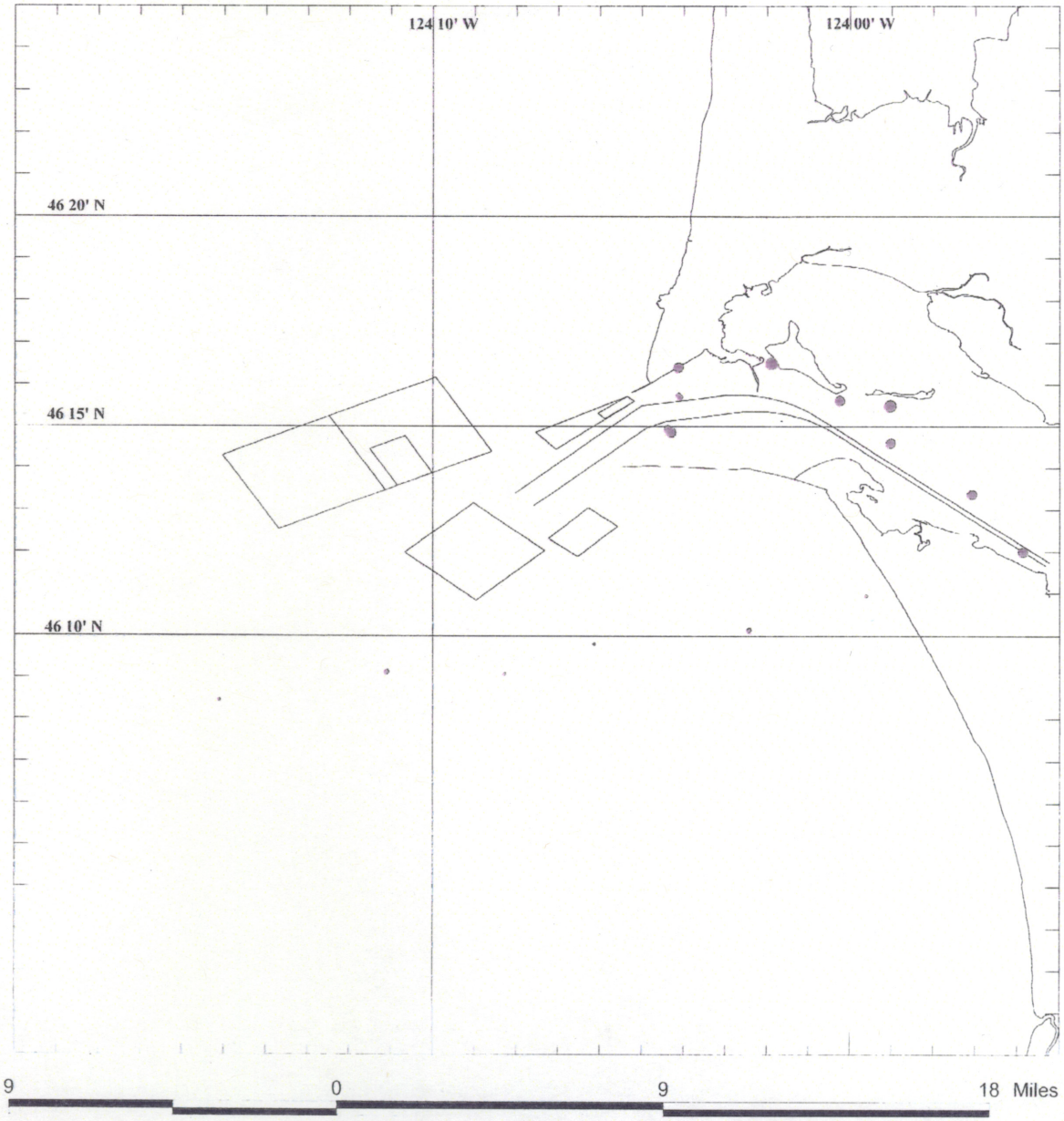
Figure 21



McCabe et al. 84-1986
- 1 - 16
- 17 - 41
- 42 - 72
- 73 - 265
- 266 - 729
- Columbia River mouth basemap

1984 Distribution of Dungeness Crabs

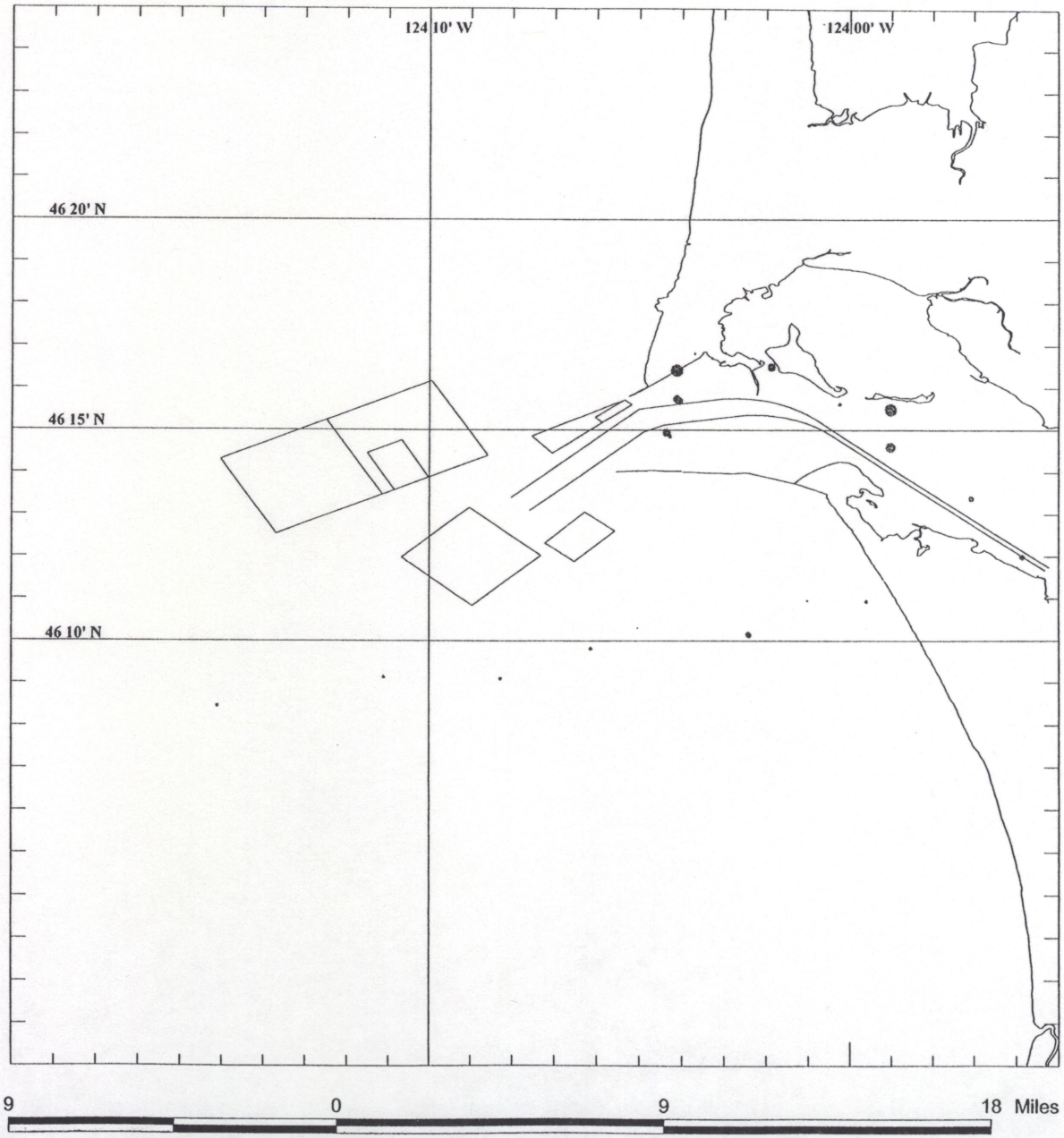
Figure 21



McCabe et al. 84-1986
- 1 - 16
- 17 - 41
- 42 - 72
- 73 - 265
- 266 - 729
- Columbia River mouth basemap

1985 Distribution of Dungeness Crabs

Figure 22



McCabe et al. 85-1986
- 1 - 97
- 98 - 300
- 301 - 896
- 897 - 1806
- 1807 - 3370

Columbia River mouth basemap

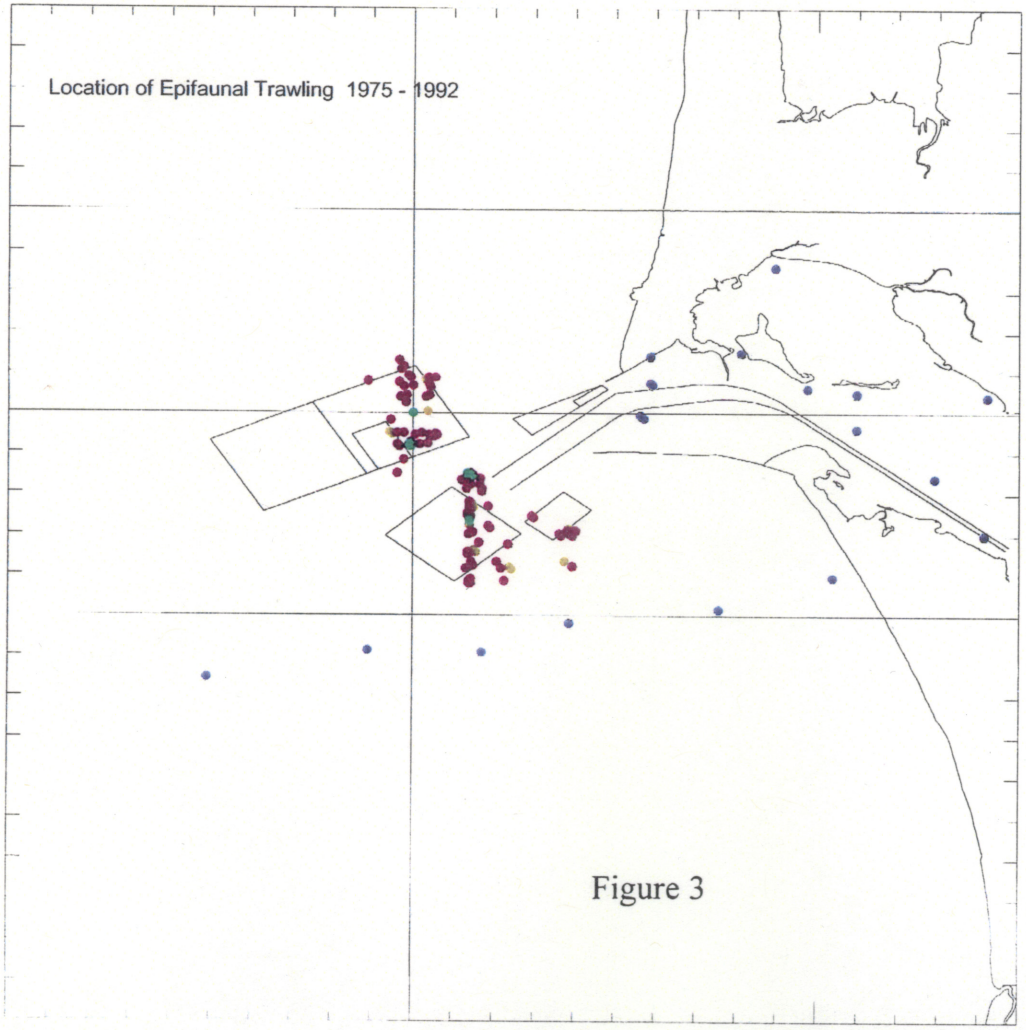
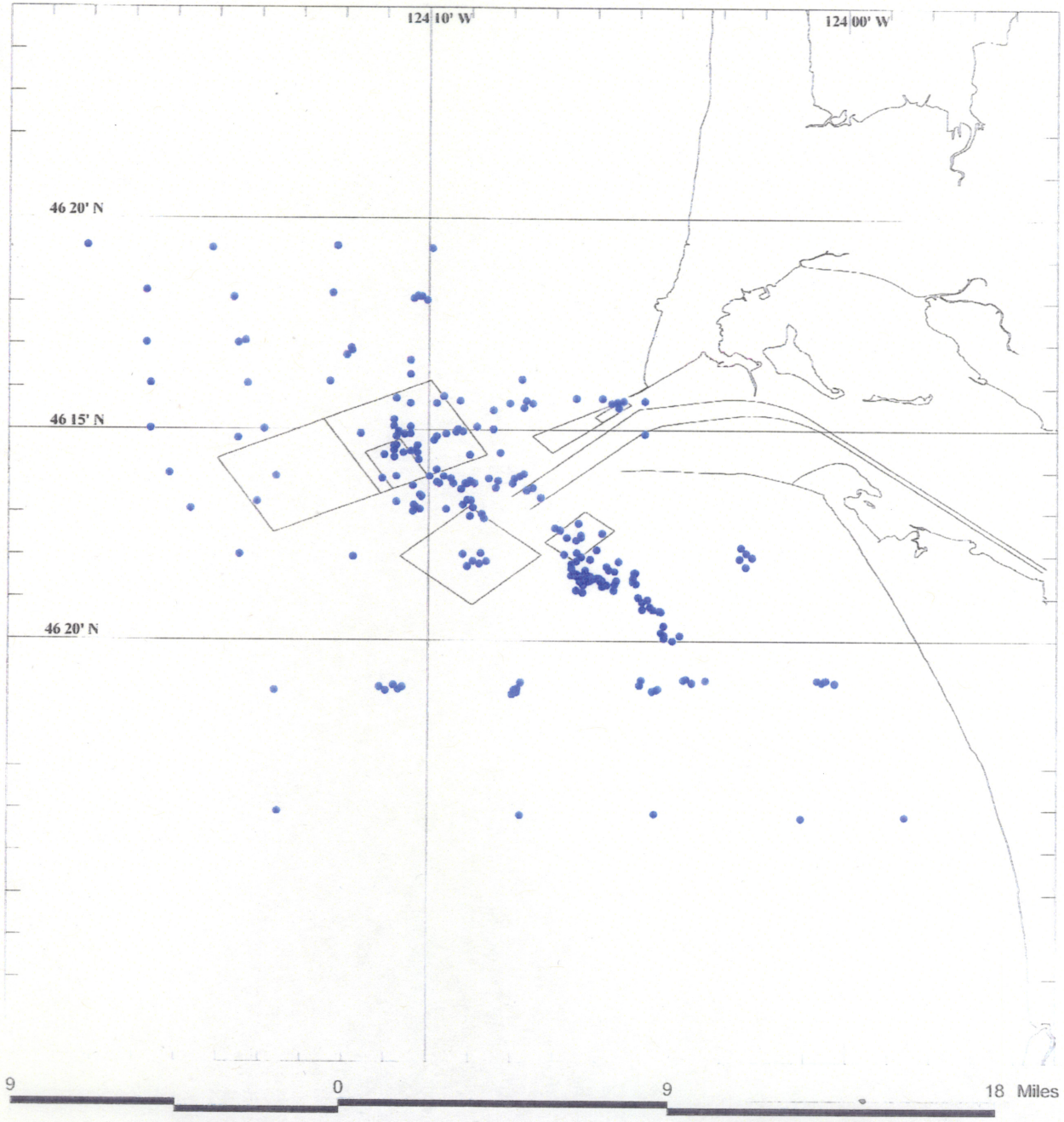


Figure 3

1977 Benthic Infauna Sample Locations

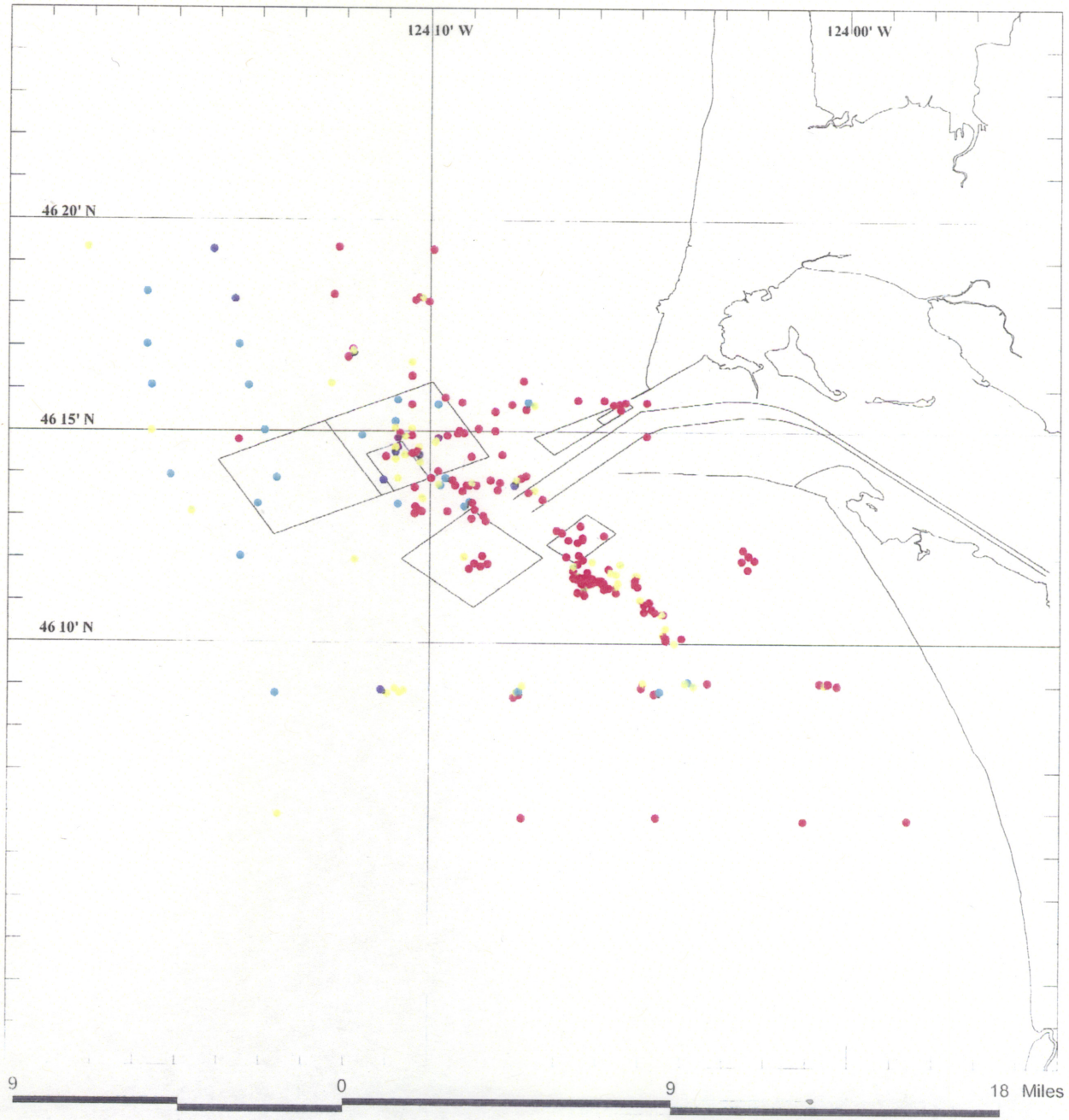
Figure 4



Richardson et al. 1977
Columbia River mouth basemap

1977 Invertebrate Density

Figure 5



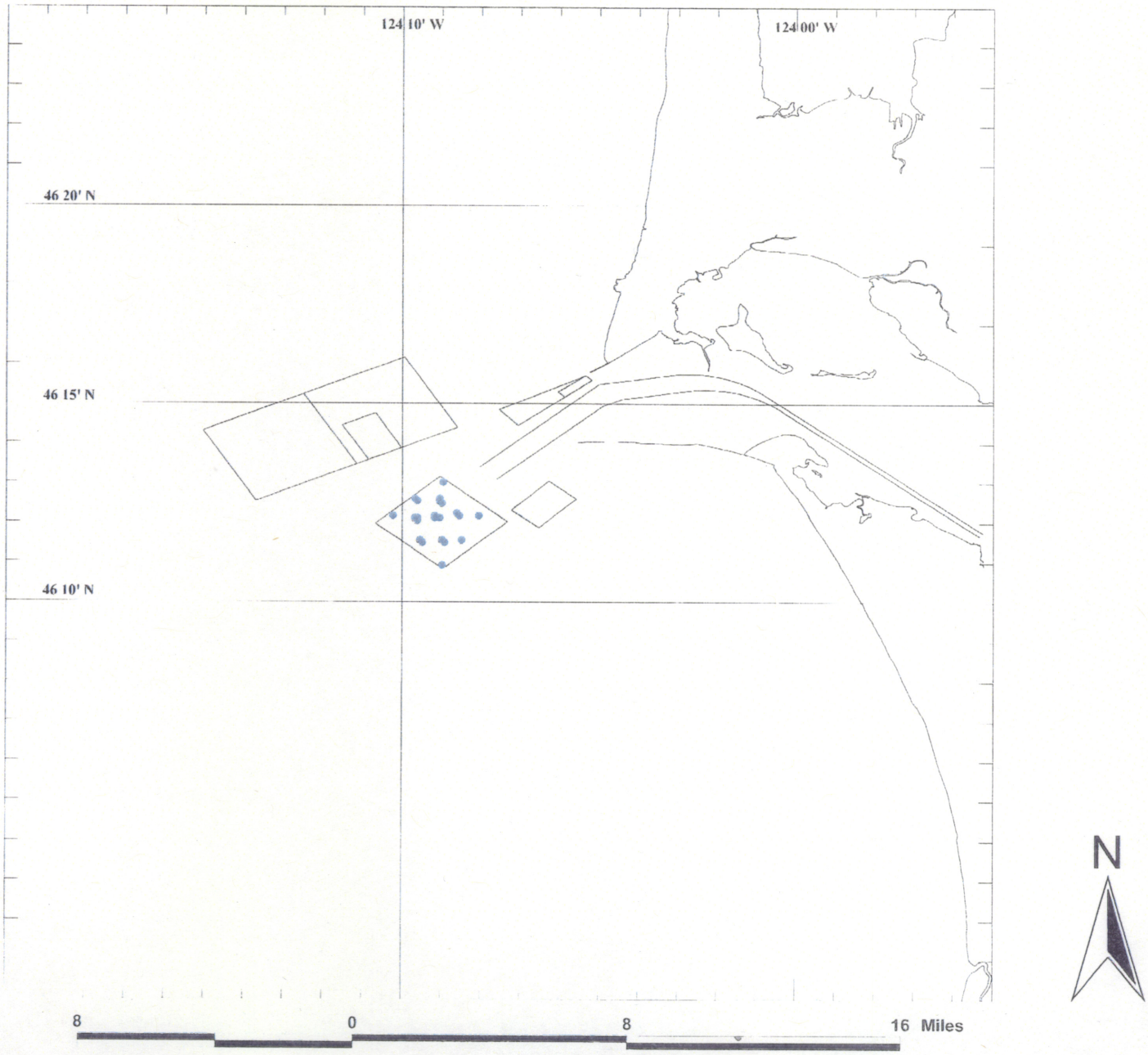
Richardson et al. 1977 (#/m2)
- 1 - 1848
- 1849 - 4890
- 4891 - 9454
- 9455 - 20488
- 20489 - 43802

Columbia River mouth basemap

1989 Benthic Infauna Sample Locations

(disposal site F)

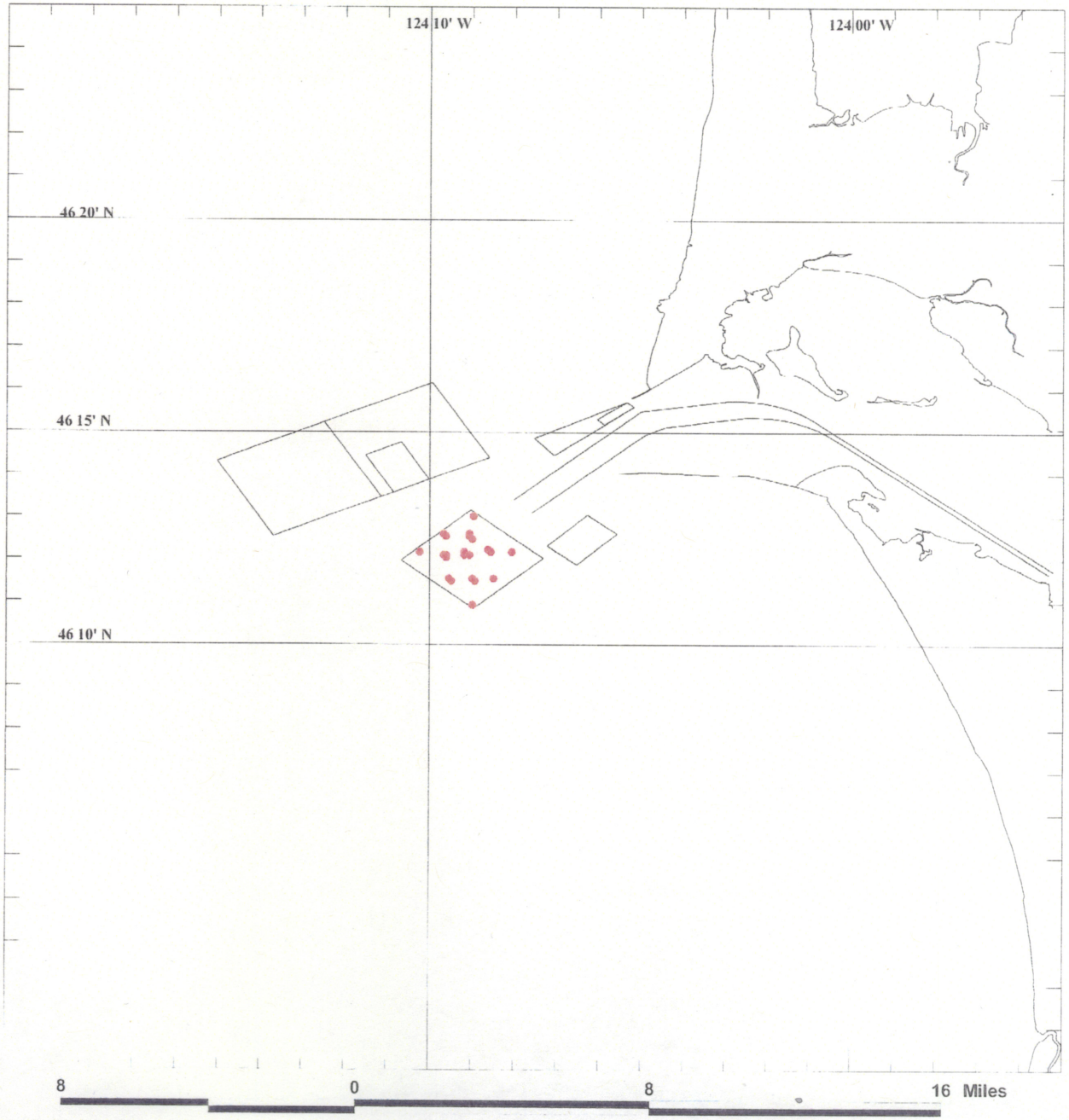
Figure 6a



Siipolo 89-1993
Columbia River mouth basemap

1990 Benthic Infauna Sample Locations (disposal site F)

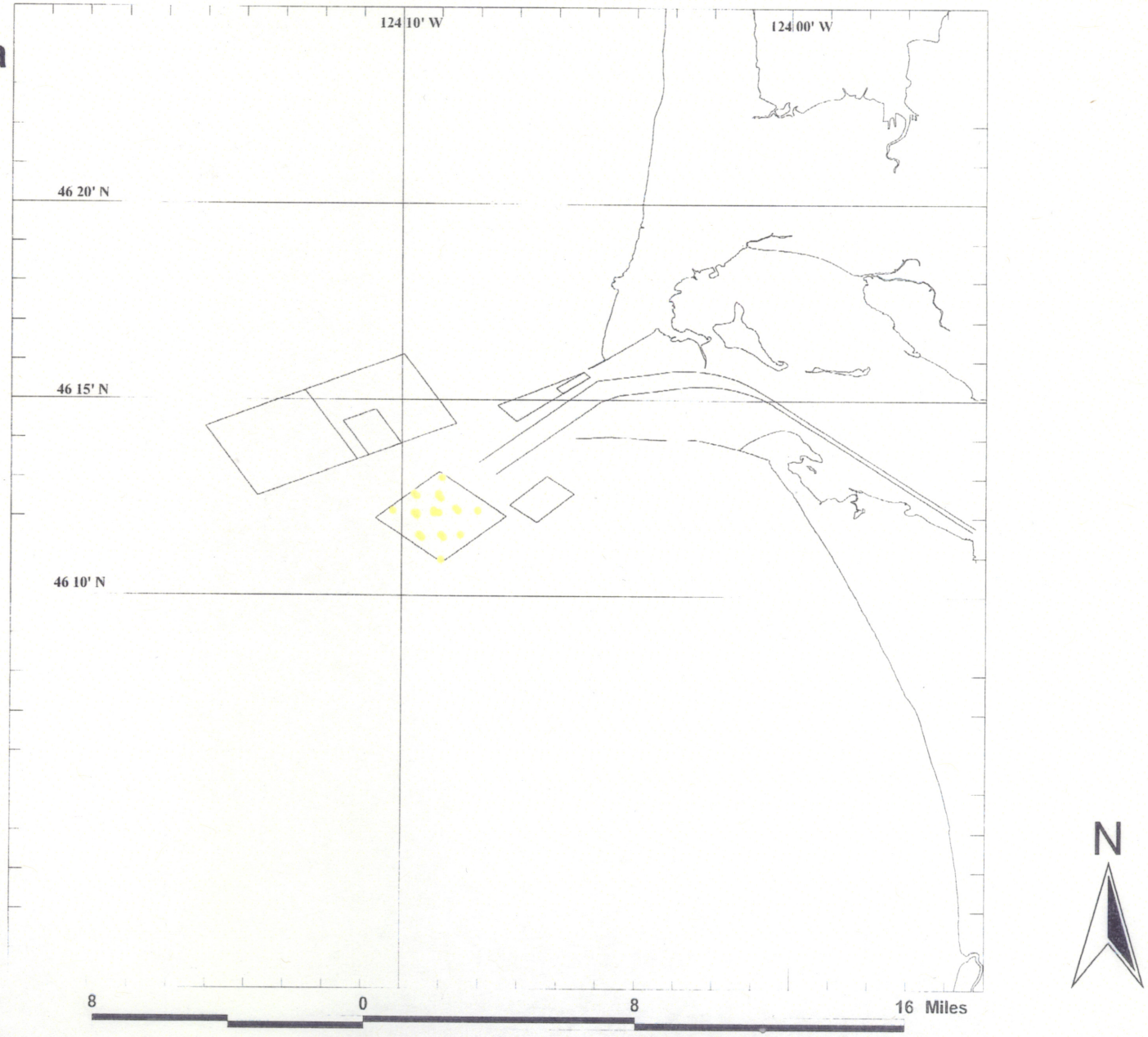
Figure 6b



Siipolo 90-1993
Columbia River mouth basemap

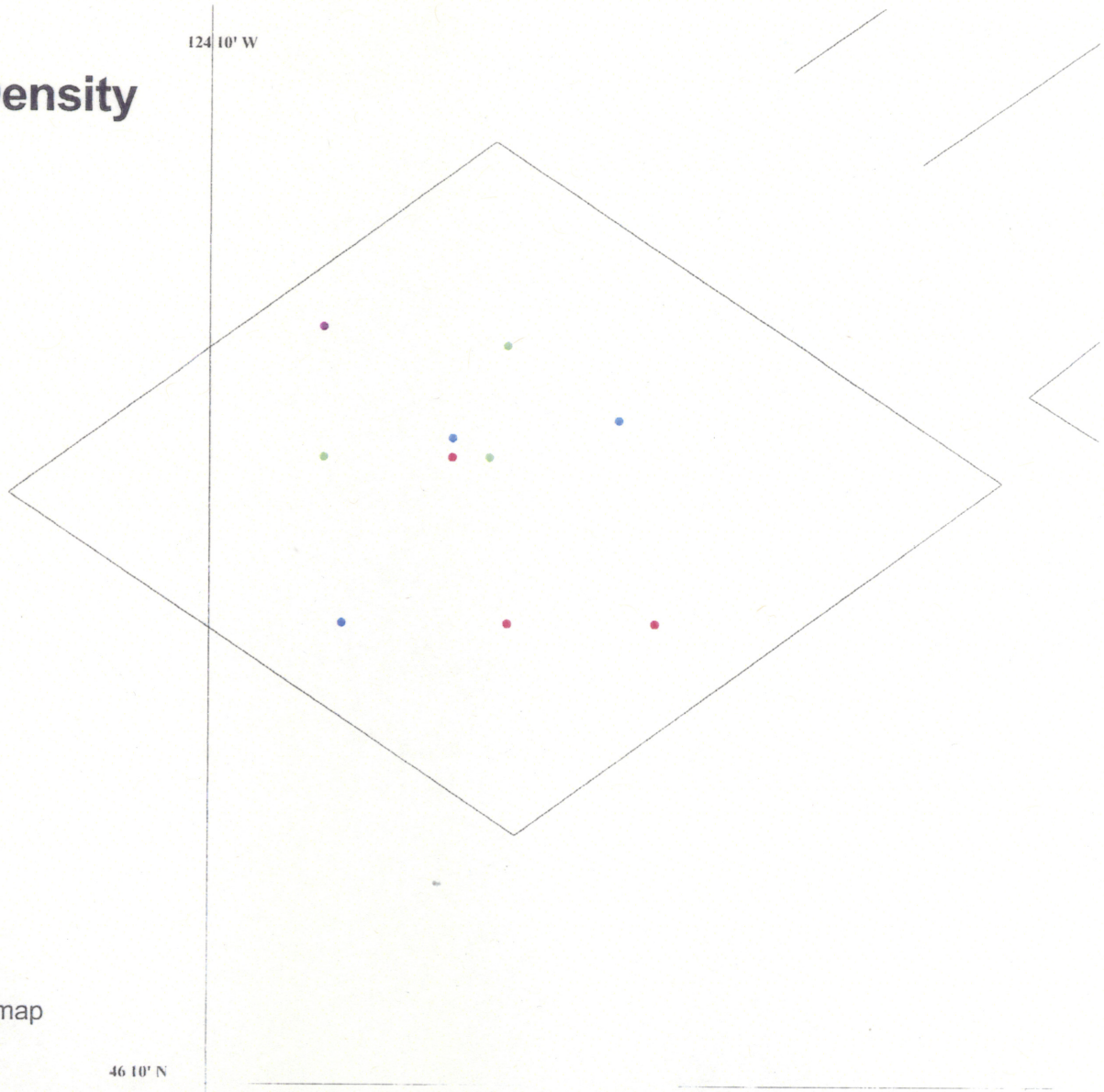
1991 Benthic Infauna Sample Locations (disposal site F)

Figure 6c



1989 Invertebrate Density
(disposal site F)

Figure 7b



Siipolo 89-1993 (#/m2)
- 1 - 882
- 883 - 1046
- 1047 - 1294
- 1295 - 1517

Columbia River mouth basemap

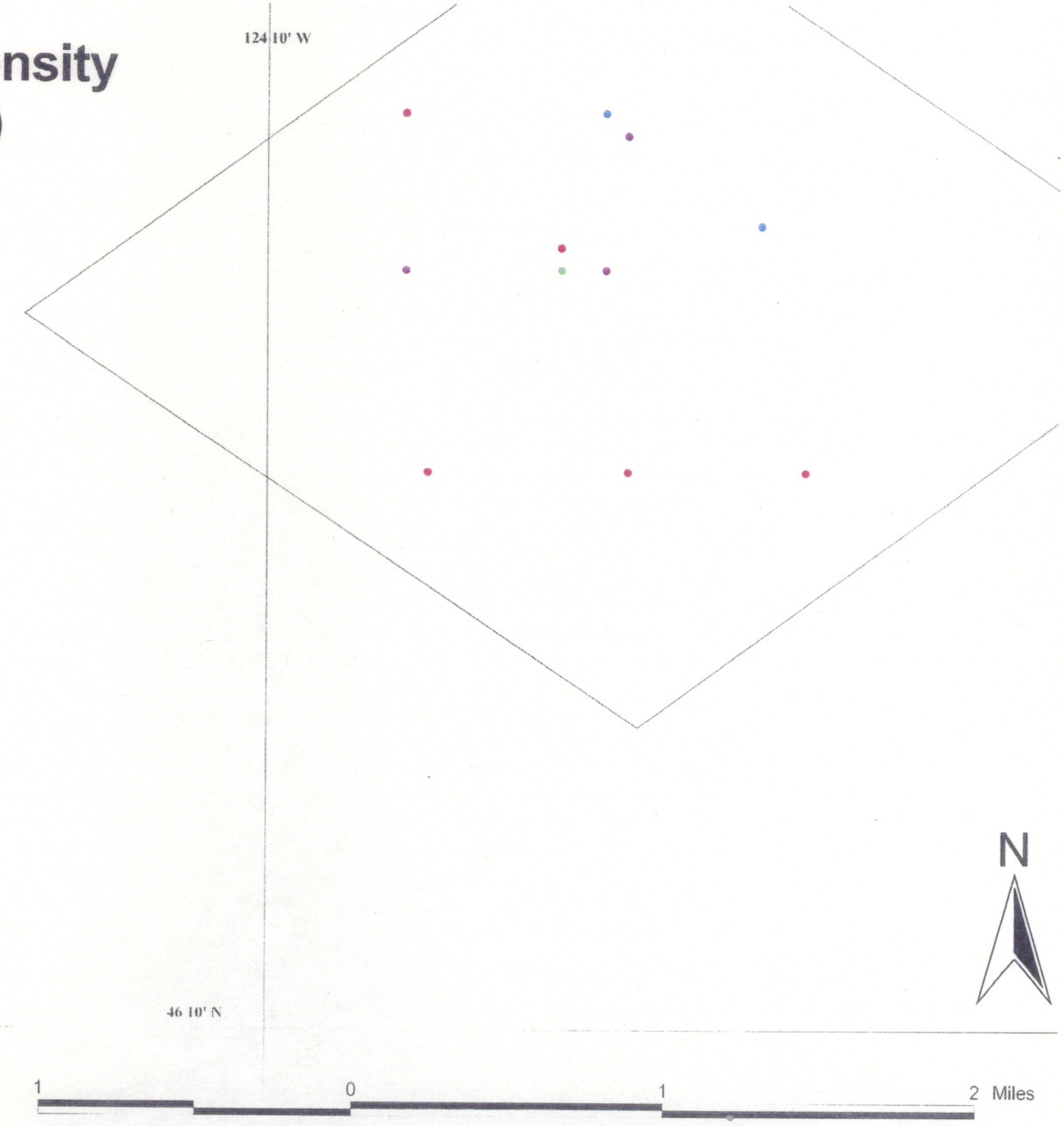
1990 Invertebrate Density (disposal site F)

Figure 7b

Siipolo 90-1993 (#/m2)
- 1 - 1588
- 1589 - 2584
- 2585 - 3262
- 3263 - 3712
- Columbia River mouth basemap

1991 Invertebrate Density (disposal site F)

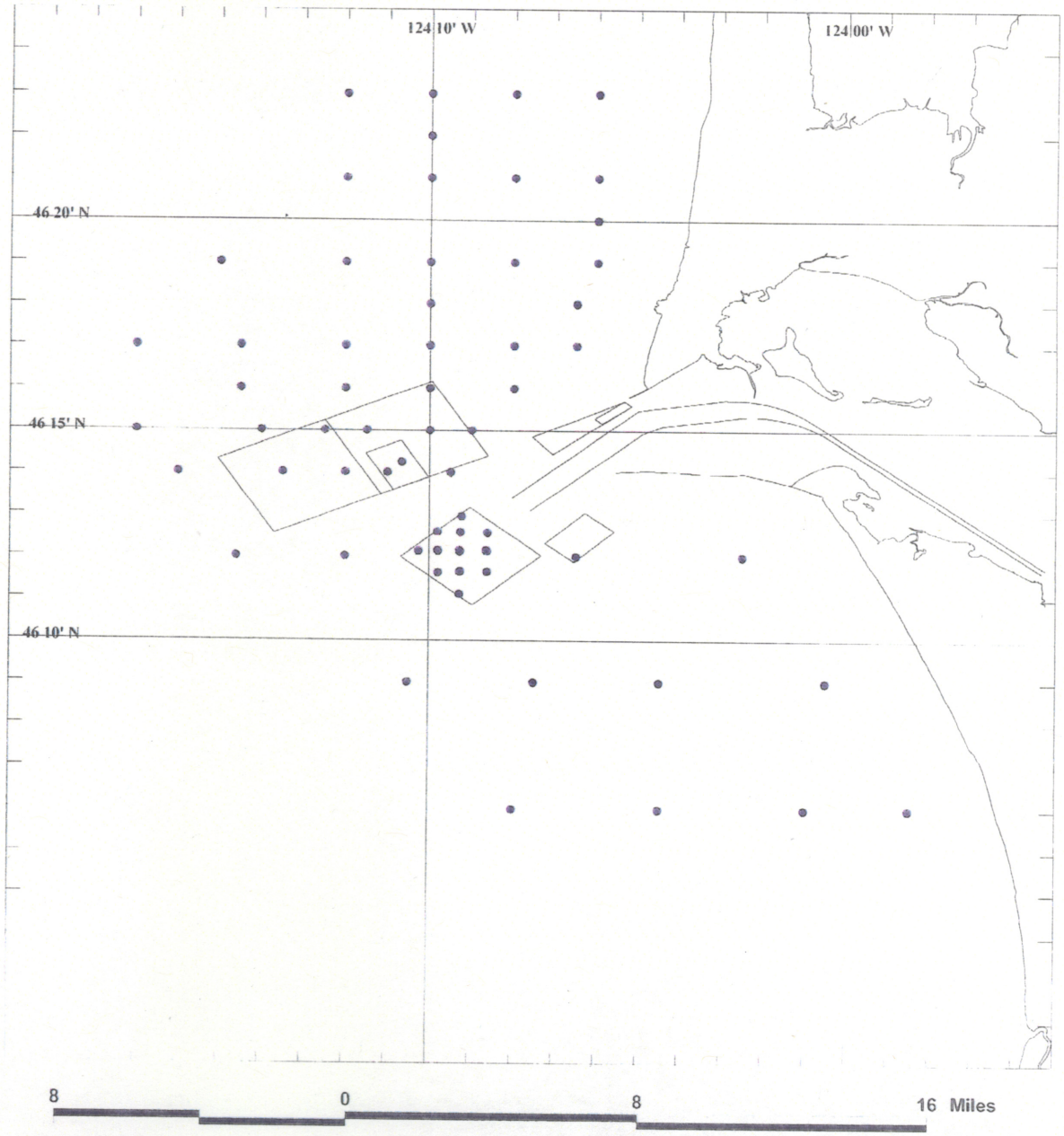
Figure 7c



Siipolo 91-1993 (#/m2)
- 1 - 4001
- 4002 - 4379
- 4380 - 4987
- 4988 - 6823
- Columbia River mouth basemap

1992 Benthic Infauna Sample Locations

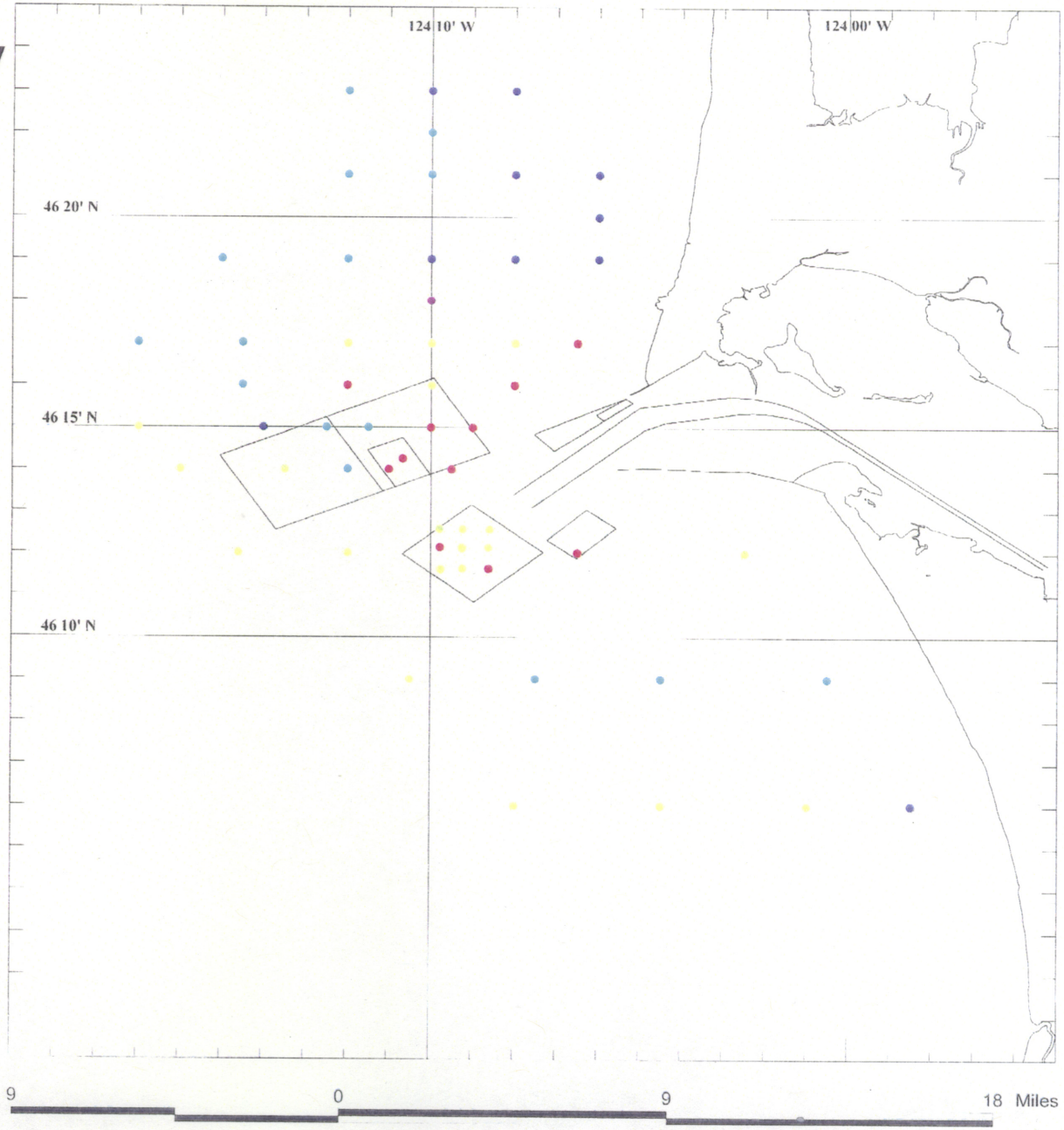
Figure 8



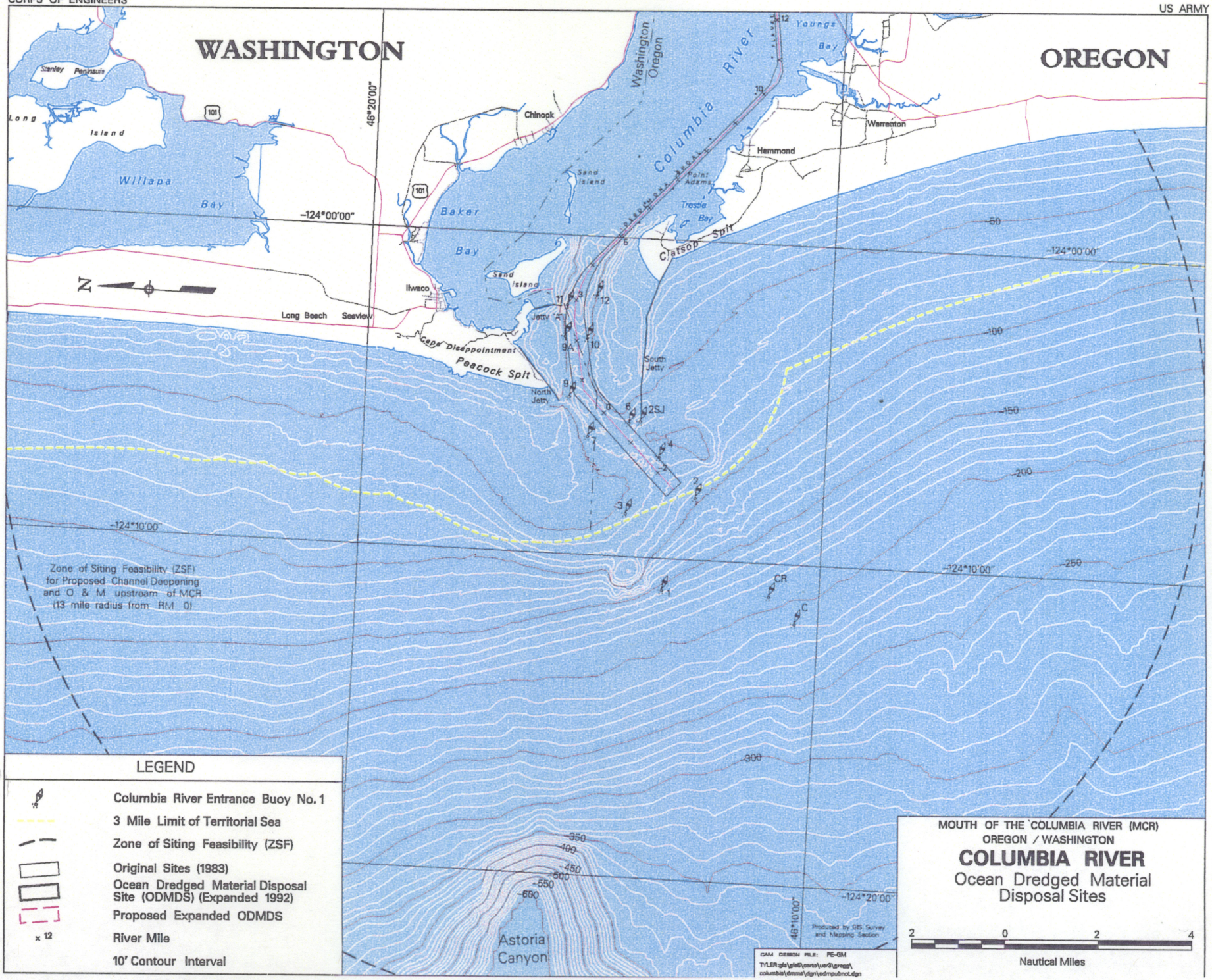
• Hinton & Emmett 92-1994
Columbia River mouth basemap

1992 Invertebrate Density

Figure 9



Hinton & Emmett 92-1994 (#/m2)
- 1 - 6646
- 6647 - 18360
- 18361 - 46661
- 46662 - 165105
- 165106 - 369462
- Columbia River mouth basemap

CORPS OF ENGINEERS

US ARMY