

**Table 4.5-2. Species composition of bottom trawl catches (kg) for six individual tows in trawl lanes 1 and 3 at Little Tow, for all six tows in each lane, and for all 12 tows in both lanes, July 15, 2001.**

SPECIES	LT1-1	LT1-2	LT1-3	LT1-4	LT1-5	LT1-6	All LT1	LT3-1	LT3-2	LT3-3	LT3-4	LT3-5	LT3-6	All LT3	Total
Yellowtail	18.6	36.8	23.6	16.8	19.5	10.4	<b>125.8</b>	59.0	42.7	25.0	30.9	14.1	20.4	<b>192.0</b>	<b>317.8</b>
Spiny Dogfish	25.4	46.3	40.4	38.1	19.1	23.6	<b>193.0</b>	9.1	9.5	12.7	16.3	6.8	14.5	<b>69.0</b>	<b>262.0</b>
Winter Flounder	22.7	15.9	14.5	7.3	9.5	4.1	<b>74.0</b>	12.3	5.9	3.6	5.9	4.1	2.3	<b>34.1</b>	<b>108.1</b>
Crabs	9.1	8.6	6.4	4.5	5.4	5.4	<b>39.5</b>	5.0	7.7	5.0	3.0	4.1	6.4	<b>31.1</b>	<b>70.6</b>
Sculpins	0.0	6.4	4.4	5.3	2.3	4.5	<b>22.9</b>	3.3	5.5	3.3	6.6	1.5	5.7	<b>25.9</b>	<b>48.8</b>
4-Spot Flounder	3.6	2.7	2.3	2.3	0.9	3.0	<b>14.8</b>	1.7	0.0	2.4	0.5	1.4	0.7	<b>6.6</b>	<b>21.4</b>
White Hake	2.5	5.3	1.3	0.5	0.4	1.5	<b>11.5</b>	1.6	0.9	1.7	3.6	0.6	1.3	<b>9.7</b>	<b>21.2</b>
Cod	0.0	0.0	2.3	3.2	0.0	7.7	<b>13.2</b>	0.0	0.0	0.0	0.0	0.0	1.4	<b>1.4</b>	<b>14.5</b>
Scallops	3.6	2.5	0.7	0.9	1.8	1.8	<b>11.4</b>	0.0	1.4	0.0	0.5	0.7	0.5	<b>3.0</b>	<b>14.3</b>
Silver Hake	3.3	3.4	0.5	1.4	0.5	0.0	<b>9.1</b>	0.7	0.4	0.5	1.3	1.0	0.8	<b>4.7</b>	<b>13.8</b>
Winter Skate	0.2	4.6	2.4	0.0	0.0	0.9	<b>8.1</b>	2.2	0.5	0.4	0.3	2.2	0.1	<b>5.7</b>	<b>13.7</b>
Atlantic Herring	0.0	3.6	0.7	0.0	0.0	1.3	<b>5.6</b>	0.0	2.5	0.0	0.9	0.0	0.5	<b>3.9</b>	<b>9.5</b>
Sea Raven	0.0	0.0	0.4	1.5	0.0	0.9	<b>2.8</b>	1.6	0.3	0.4	0.2	0.0	0.9	<b>3.4</b>	<b>6.2</b>
Congo Eel	0.0	0.1	0.4	0.9	0.1	0.5	<b>2.0</b>	0.1	0.4	0.9	1.1	0.0	1.4	<b>3.9</b>	<b>5.9</b>
Monkfish	0.0	0.0	0.0	0.2	0.0	0.3	<b>0.5</b>	0.0	0.0	0.0	1.1	1.3	3.0	<b>5.4</b>	<b>5.9</b>
Thorny Skate	2.2	0.0	0.0	0.0	0.0	0.0	<b>2.2</b>	0.0	0.0	0.0	2.8	0.0	0.0	<b>2.8</b>	<b>5.0</b>
Little Skate	0.0	0.3	0.1	1.3	0.7	0.3	<b>2.7</b>	1.3	0.0	0.4	0.0	0.0	0.0	<b>1.7</b>	<b>4.4</b>
Butterfish	0.0	0.0	1.3	0.1	0.0	0.0	<b>1.4</b>	0.1	0.0	0.1	0.0	0.0	0.0	<b>0.1</b>	<b>1.5</b>
Windowpane	0.2	0.0	0.0	0.0	0.3	0.0	<b>0.5</b>	0.0	0.0	0.0	0.2	0.1	0.0	<b>0.4</b>	<b>0.9</b>
Atlantic Mackerel	0.0	0.0	0.0	0.0	0.0	0.0	<b>0.0</b>	0.0	0.0	0.4	0.0	0.0	0.0	<b>0.4</b>	<b>0.4</b>
American Plaice	0.0	0.0	0.0	0.0	0.0	0.2	<b>0.2</b>	0.0	0.0	0.0	0.0	0.0	0.0	<b>0.0</b>	<b>0.2</b>
<b>Total</b>	<b>91.5</b>	<b>136.5</b>	<b>101.6</b>	<b>84.3</b>	<b>60.6</b>	<b>66.5</b>	<b>541.0</b>	<b>97.9</b>	<b>77.7</b>	<b>56.7</b>	<b>75.2</b>	<b>37.8</b>	<b>59.8</b>	<b>405.1</b>	<b>946.0</b>

**Table 4.5-3. Species composition of bottom trawl catches (percent by weight) for six individual tows in trawl lanes 1 and 3 at Little Tow, for all six tows in each lane, and for all 12 tows in both lanes, July 15, 2001.**

SPECIES	LT1-1	LT1-2	LT1-3	LT1-4	LT1-5	LT1-6	All LT1	LT3-1	LT3-2	LT3-3	LT3-4	LT3-5	LT3-6	All LT3	Total
Yellowtail	20.4	26.9	23.2	19.9	32.2	15.7	<b>23.2</b>	60.3	54.9	44.0	41.1	37.2	34.2	<b>47.4</b>	<b>33.6</b>
Spiny Dogfish	27.8	33.9	39.8	45.2	31.5	35.5	<b>35.7</b>	9.3	12.3	22.4	21.7	18.0	24.3	<b>17.0</b>	<b>27.7</b>
Winter Flounder	24.8	11.6	14.3	8.6	15.7	6.1	<b>13.7</b>	12.5	7.6	6.4	7.9	10.8	3.8	<b>8.4</b>	<b>11.4</b>
Crabs	9.9	6.3	6.3	5.4	9.0	8.2	<b>7.3</b>	5.1	9.9	8.8	3.9	10.8	10.6	<b>7.7</b>	<b>7.5</b>
Sculpins	0.0	4.7	4.3	6.3	3.8	6.8	<b>4.2</b>	3.4	7.1	5.8	8.8	4.0	9.5	<b>6.4</b>	<b>5.2</b>
4-Spot Flounder	4.0	2.0	2.2	2.7	1.5	4.5	<b>2.7</b>	1.7	0.0	4.2	0.6	3.6	1.2	<b>1.6</b>	<b>2.3</b>
White Hake	2.7	3.9	1.3	0.6	0.7	2.3	<b>2.1</b>	1.6	1.2	3.0	4.8	1.6	2.2	<b>2.4</b>	<b>2.2</b>
Cod	0.0	0.0	2.2	3.8	0.0	11.6	<b>2.4</b>	0.0	0.0	0.0	0.0	0.0	2.3	<b>0.3</b>	<b>1.5</b>
Scallops	4.0	1.8	0.7	1.1	3.0	2.7	<b>2.1</b>	0.0	1.8	0.0	0.6	1.8	0.8	<b>0.7</b>	<b>1.5</b>
Silver Hake	3.6	2.5	0.5	1.7	0.8	0.0	<b>1.7</b>	0.7	0.5	0.9	1.7	2.6	1.3	<b>1.2</b>	<b>1.5</b>
Winter Skate	0.2	3.4	2.4	0.0	0.0	1.4	<b>1.5</b>	2.2	0.6	0.7	0.4	5.8	0.1	<b>1.4</b>	<b>1.5</b>
Atlantic Herring	0.0	2.6	0.7	0.0	0.0	2.0	<b>1.0</b>	0.0	3.2	0.0	1.2	0.0	0.8	<b>1.0</b>	<b>1.0</b>
Sea Raven	0.0	0.0	0.4	1.8	0.0	1.4	<b>0.5</b>	1.6	0.4	0.7	0.3	0.0	1.5	<b>0.8</b>	<b>0.7</b>
Congo Eel	0.0	0.1	0.4	1.1	0.2	0.8	<b>0.4</b>	0.1	0.5	1.6	1.5	0.0	2.3	<b>1.0</b>	<b>0.6</b>
Monkfish	0.0	0.0	0.0	0.3	0.0	0.4	<b>0.1</b>	0.0	0.0	0.0	1.5	3.4	5.0	<b>1.3</b>	<b>0.6</b>
Thorny Skate	2.4	0.0	0.0	0.0	0.0	0.1	<b>0.4</b>	0.0	0.0	0.0	3.7	0.0	0.0	<b>0.7</b>	<b>0.5</b>
Little Skate	0.0	0.2	0.1	1.5	1.2	0.5	<b>0.5</b>	1.3	0.0	0.7	0.0	0.0	0.0	<b>0.4</b>	<b>0.5</b>
Butterfish	0.0	0.0	1.3	0.1	0.0	0.0	<b>0.3</b>	0.1	0.0	0.1	0.0	0.0	0.0	<b>0.0</b>	<b>0.2</b>
Windowpane	0.2	0.0	0.0	0.0	0.4	0.0	<b>0.1</b>	0.0	0.0	0.0	0.3	0.3	0.0	<b>0.1</b>	<b>0.1</b>
Atlantic Mackerel	0.0	0.0	0.0	0.0	0.0	0.0	<b>0.0</b>	0.0	0.0	0.7	0.0	0.0	0.0	<b>0.1</b>	<b>0.0</b>
American Plaice	0.0	0.0	0.0	0.0	0.0	0.3	<b>0.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	<b>0.0</b>	<b>0.0</b>

**Table 4.5-4. Species composition of bottom trawl catches (kg) for six individual tows in trawl lanes 1 and 3 at the Mud Hole , for all six tows in each lane, and for all 12 tows in both lanes, July 17, 2001.**

SPECIES	MH1-1	MH1-2	MH1-3	MH1-4	MH1-5	MH1-6	All MH1	MH3-1	MH3-2	MH3-3	MH3-4	MH3-5	MH3-6	All MH3	Total
Spiny Dogfish	89.4	82.2	20.4	47.2	24.5	23.2	<b>286.9</b>	6.8	6.1	5.9	6.4	5.4	12.3	<b>42.9</b>	<b>329.8</b>
Atlantic Herring	2.1	0.0	127.6	1.4	27.7	20.9	<b>179.7</b>	0.0	21.3	2.4	0.0	0.8	3.0	<b>27.5</b>	<b>207.2</b>
Winter Flounder	9.5	4.5	0.7	11.1	5.4	6.8	<b>38.1</b>	51.3	11.8	5.0	14.1	6.3	12.3	<b>100.7</b>	<b>138.9</b>
Yellowtail	15.0	9.5	5.0	7.0	7.9	14.1	<b>58.6</b>	17.3	8.6	1.8	4.3	2.3	2.6	<b>36.9</b>	<b>95.5</b>
Crabs	10.2	8.6	5.2	0.0	4.8	0.0	<b>28.8</b>	8.6	11.4	12.7	13.6	8.2	10.0	<b>64.5</b>	<b>93.3</b>
White Hake	1.4	2.3	1.6	1.5	3.9	2.8	<b>13.4</b>	14.1	2.4	3.0	3.7	7.8	7.3	<b>38.2</b>	<b>51.7</b>
Silver Hake	5.4	1.8	0.3	0.4	0.4	0.7	<b>9.1</b>	20.0	4.3	3.8	2.9	1.7	2.3	<b>35.0</b>	<b>44.0</b>
4 Spot Flounder	7.3	1.4	2.5	1.0	7.5	0.9	<b>20.5</b>	5.4	3.6	1.4	0.9	2.5	0.5	<b>14.4</b>	<b>34.9</b>
Sculpins	1.1	1.4	0.7	1.1	1.7	2.0	<b>8.0</b>	4.8	2.7	3.3	1.3	2.8	3.1	<b>18.0</b>	<b>26.0</b>
Lobster	4.0	0.3	0.9	0.8	13.2	1.7	<b>20.9</b>	1.9	0.0	0.6	0.7	0.0	0.4	<b>3.6</b>	<b>24.5</b>
Monkfish	0.5	0.9	0.5	2.6	0.2	0.1	<b>4.7</b>	2.4	2.4	2.3	5.9	2.6	0.1	<b>15.7</b>	<b>20.3</b>
Congo Eel	1.6	1.3	0.8	0.5	1.8	1.8	<b>7.8</b>	1.3	0.7	0.9	0.7	0.9	0.8	<b>5.3</b>	<b>13.1</b>
Sea Raven	1.4	0.3	1.6	0.3	0.0	0.0	<b>3.5</b>	1.7	2.7	0.7	0.3	0.0	0.3	<b>5.7</b>	<b>9.3</b>
Winter Skate	8.6	0.0	0.0	0.0	0.0	0.0	<b>8.6</b>	0.0	0.0	0.0	0.3	0.0	0.0	<b>0.3</b>	<b>8.9</b>
Scallops	0.3	1.2	1.7	1.3	1.1	0.8	<b>6.4</b>	1.2	0.0	0.3	0.0	0.3	0.3	<b>2.1</b>	<b>8.5</b>
Cod	8.2	0.0	0.1	0.0	0.0	0.0	<b>8.3</b>	0.0	0.0	0.0	0.0	0.0	0.0	<b>0.0</b>	<b>8.3</b>
American Plaice	1.3	0.3	0.0	0.2	0.1	0.0	<b>1.9</b>	1.8	0.1	0.2	0.1	0.0	0.0	<b>2.1</b>	<b>4.0</b>
Little Skate	0.0	0.0	0.0	0.0	0.0	2.0	<b>2.0</b>	0.0	0.0	1.1	0.0	0.0	0.0	<b>1.1</b>	<b>3.1</b>
Grey sole	0.0	0.0	0.0	0.0	0.0	0.0	<b>0.0</b>	0.0	0.0	0.0	0.4	0.0	1.1	<b>1.5</b>	<b>1.5</b>
Thorny Skate	0.0	0.1	0.0	0.4	0.0	0.0	<b>0.5</b>	0.0	0.0	0.0	0.2	0.0	0.0	<b>0.2</b>	<b>0.7</b>
Atlantic Mackerel	0.0	0.0	0.0	0.0	0.0	0.0	<b>0.0</b>	0.0	0.0	0.0	0.0	0.7	0.0	<b>0.7</b>	<b>0.7</b>
Squid (Ilex)	0.3	0.0	0.0	0.1	0.0	0.0	<b>0.4</b>	0.0	0.1	0.0	0.0	0.0	0.0	<b>0.1</b>	<b>0.5</b>
Butterfish	0.0	0.0	0.0	0.0	0.0	0.1	<b>0.1</b>	0.1	0.0	0.0	0.0	0.0	0.1	<b>0.1</b>	<b>0.3</b>
Total	167.6	116.2	169.6	76.9	100.2	77.8	<b>708.3</b>	138.7	78.3	45.4	55.8	42.3	56.3	<b>416.7</b>	<b>1125.0</b>

**Table 4.5-5. Species composition of bottom trawl catches (percent by weight) for six individual tows in trawl lanes 1 and 3 at the Mud Hole, for all six tows in each lane, and for all 12 tows in both lanes, July 17, 2001.**

SPECIES	MH1-1	MH1-2	MH1-3	MH1-4	MH1-5	MH1-6	All MH1	MH3-1	MH3-2	MH3-3	MH3-4	MH3-5	MH3-6	All MH3	Total
Spiny Dogfish	53.4	70.7	12.0	61.4	24.5	29.8	<b>40.5</b>	4.9	7.8	13.0	11.4	12.9	21.8	<b>10.3</b>	<b>29.3</b>
Atlantic Herring	1.3	0.0	75.2	1.8	27.6	26.8	<b>25.4</b>	0.0	27.3	5.3	0.0	1.9	5.3	<b>6.6</b>	<b>18.4</b>
Winter Flounder	5.7	3.9	0.4	14.5	5.4	8.8	<b>5.4</b>	37.0	15.1	11.0	25.2	14.9	21.8	<b>24.2</b>	<b>12.3</b>
Yellowtail	8.9	8.2	2.9	9.2	7.9	18.1	<b>8.3</b>	12.4	11.0	4.0	7.7	5.4	4.6	<b>8.9</b>	<b>8.5</b>
Crabs	6.1	7.4	3.1	0.0	4.8	0.0	<b>4.1</b>	6.2	14.5	28.0	24.4	19.3	17.7	<b>15.5</b>	<b>8.3</b>
White Hake	0.8	2.0	0.9	2.0	3.9	3.6	<b>1.9</b>	10.2	3.1	6.6	6.6	18.4	12.9	<b>9.2</b>	<b>4.6</b>
Silver Hake	3.3	1.6	0.2	0.5	0.4	0.9	<b>1.3</b>	14.4	5.5	8.4	5.2	4.0	4.1	<b>8.4</b>	<b>3.9</b>
4 Spot Flounder	4.3	1.2	1.5	1.3	7.5	1.2	<b>2.9</b>	3.9	4.6	3.1	1.6	5.9	0.9	<b>3.5</b>	<b>3.1</b>
Sculpins	0.7	1.2	0.4	1.4	1.7	2.6	<b>1.1</b>	3.5	3.5	7.3	2.3	6.6	5.5	<b>4.3</b>	<b>2.3</b>
Lobster	2.4	0.3	0.5	1.0	13.2	2.2	<b>2.9</b>	1.4	0.0	1.3	1.3	0.0	0.7	<b>0.9</b>	<b>2.2</b>
Monkfish	0.3	0.8	0.3	3.4	0.1	0.1	<b>0.7</b>	1.7	3.1	5.1	10.6	6.1	0.1	<b>3.8</b>	<b>1.8</b>
Congo Eel	1.0	1.1	0.5	0.7	1.8	2.3	<b>1.1</b>	0.9	0.9	2.0	1.3	2.1	1.4	<b>1.3</b>	<b>1.2</b>
Sea Raven	0.8	0.3	0.9	0.3	0.0	0.0	<b>0.5</b>	1.2	3.5	1.5	0.5	0.0	0.5	<b>1.4</b>	<b>0.8</b>
Winter Skate	5.1	0.0	0.0	0.0	0.0	0.0	<b>1.2</b>	0.0	0.0	0.0	0.5	0.0	0.0	<b>0.1</b>	<b>0.8</b>
Scallops	0.2	1.0	1.0	1.7	1.1	1.0	<b>0.9</b>	0.9	0.0	0.7	0.0	0.7	0.5	<b>0.5</b>	<b>0.8</b>
Cod	4.9	0.0	0.1	0.0	0.0	0.0	<b>1.2</b>	0.0	0.0	0.0	0.0	0.0	0.0	<b>0.0</b>	<b>0.7</b>
American Plaice	0.8	0.3	0.0	0.3	0.1	0.0	<b>0.3</b>	1.3	0.1	0.3	0.2	0.0	0.0	<b>0.5</b>	<b>0.4</b>
Little Skate	0.0	0.0	0.0	0.0	0.0	2.6	<b>0.3</b>	0.0	0.0	2.4	0.0	0.0	0.0	<b>0.3</b>	<b>0.3</b>
Grey sole	0.0	0.0	0.0	0.0	0.0	0.0	<b>0.0</b>	0.0	0.0	0.0	0.7	0.0	2.0	<b>0.4</b>	<b>0.1</b>
Thorny Skate	0.0	0.1	0.0	0.5	0.0	0.0	<b>0.1</b>	0.0	0.0	0.0	0.4	0.0	0.0	<b>0.0</b>	<b>0.1</b>
Atlantic Mackerel	0.0	0.0	0.0	0.0	0.0	0.0	<b>0.0</b>	0.0	0.0	0.0	0.0	1.7	0.0	<b>0.2</b>	<b>0.1</b>
Squid (Ilex)	0.2	0.0	0.0	0.1	0.0	0.0	<b>0.1</b>	0.0	0.1	0.0	0.0	0.1	0.0	<b>0.0</b>	<b>0.0</b>
Butterfish	0.0	0.0	0.0	0.0	0.0	0.1	<b>0.0</b>	0.0	0.0	0.0	0.0	0.0	0.1	<b>0.0</b>	<b>0.0</b>