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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Site | Date | Hour | Longitude | Latitude | Distance Coast | Max. Depth | Chlorophyll a | Temp. | Salinity | Phosphates | Silicates | Fish eggs abundance | Copepods abundance | CYSTONECTAE Ind. 1000 m-3 | PHYSONECTAE Ind. 1000 m-3 | | CALYCOPHORAE Ind. 1000 m-3 | | | | | | | | | | | | | | | | | | | |
| dd-mm-yyyy | 24h | °W | °N | Km | m | mg.m-3 | ° C |  | µg.-at. L-1 | µg.-at. L-1 | Ind. 1000 m-3 | Ind. 1000 m-3 | P. physalis | A. okenii | A. elegans | A. eschscholtzii | C. contorta | *Diphyes dispar* | | | *Diphyes bojani* | | | *Eudoxoides mitra* | | | E. spiralis | H. hippopus | L. campanella | M. atlantica | S. biloba | S. chuni | S. monoica | S. quadrivalvis | S. turgida |
|  | Nectopho. | Reproduct. | total | Nectopho. | Reproduct. | total | Nectopho. | Reproduct. | total |
| 001 | 16-Sep-2002 | 19:30 | -77.70 | 6.5 | 36 | 213 | 2.428\* | 27.35\* | 28.15 | 0.69 | 1.14 | 2467.44 | 111005.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 51.40 | 0 | 0 | 0 | 0 | 0 |
| 003 | 16-Sep-2002 | 10:20 | -77.60 | 5.5 | 6.3 | 181 | 4.57 | 27.40 | 30.12 | 0.69 | 1.98 | 1638.92 | 15890.70 | 0 | 0 | 6.83 | 0 | 6.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 005 | 16-Sep-2002 | 0:30 | -77.45 | 4.5 | 12 | 53 | 0.08 | 27.20 | 28.94 | 0.91 | 4.11 | 3712.03 | 105516.22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80.70 | 0 | 80.70 | 0 | 0 | 0 |
| 007 | 11-Sep-2002 | 17:15 | -77.45 | 3.5 | 9 | 48 | 0.284\* | 27.30 | 31.48 | 0.86 | 0.76 | 1376.47 | 90238.62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15.29 | 0 | 0 | 0 | 0 | 0 |
| 010 | 16-Sep-2002 | 16:00 | -78.00 | 6.0 | 70 | 4139 | 0.30 | 27.80 | 30.98 | 0.75 | 0.91 | 5185.31 | 28762.17 | 0 | 0 | 0 | 0 | 0 | 43.21 | 0 | 43.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 012 | 16-Sep-2002 | 4:40 | -78.00 | 5.0 | 70 | 3442 | 4.16 | 27.20 | 30.94 | 1.13 | 1.82 | 183920.82 | 65515.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 016 | 22-Sep-2002 | 22:15 | -78.00 | 3.0 | 34 | 49 | 0.269\* | 27.30 | 32.20 | 0.75 | 1.06 | 200680.21 | 186400.31 | 0 | 0 | 0 | 0 | 97.99 | 489.94 | 7643 | 8133.04 | 0 | 0 | 0 | 0 | 97.99 | 97.99 | 0 | 0 | 0 | 391.95 | 0 | 0 | 0 | 97.99 | 0 |
| 025 | 17-Sep-2002 | 7:00 | -79.00 | 6.0 | 178 | 3239 | 0.28 | 27.4\* | 30.88 | 0.88 | 3.05 | 204.93 | 2008.32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 027 | 18-Sep-2002 | 17:30 | -79.00 | 5.0 | 181 | 3573 | 0.37 | 27.10 | 31.79 | 0.97 | 3.05 | 2304.43 | 19131.28 | 0 | 0 | 0 | 0 | 0 | 44.89 | 0 | 44.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14.96 | 0 | 0 | 0 | 0 | 0 |
| 029 | 22-Sep-2002 | 7:00 | -79.00 | 4.0 | 176 | 3447 | 0.163\* | 27.80 | 32.19 | 0.75 | 0.83 | 14592.22 | 41597.54 | 0 | 0 | 0 | 0 | 0 | 104.23 | 104 | 208.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 043 | 19-Sep-2002 | 1:30 | -80.00 | 5.0 | 292 | 3392 | 0.25 | 27.40 | 31.86 | 0.75 | 5.87 | 14001.90 | 350581.20 | 0 | 0 | 0 | 131.47 | 1183.26 | 262.95 | 0 | 262.95 | 0 | 0 | 0 | 262.95 | 1051.79 | 1314.73 | 0 | 0 | 0 | 1183.26 | 0 | 0 | 0 | 0 | 0 |
| 045 | 21-Sep-2002 | 18:30 | -80.00 | 4.0 | 283 | 3215 | 1.23\* | 26.70 | 32.34 | 0.80 | 1.21 | 15028.69 | 714029.67 | 0 | 0 | 0 | 0 | 316.39 | 79.10 | 40 | 118.65 | 0 | 39.55 | 39.55 | 0 | 237.30 | 237.30 | 0 | 0 | 0 | 158.20 | 0 | 0 | 0 | 0 | 197.75 |
| 075 | 19-Sep-2002 | 17:15 | -82.00 | 5.0 | 513 | 2671 | 0.12 | 27.30 | 32.37 | 0.80 | 4.57 | 136979.34 | 68133.26 | 0 | 0 | 0 | 0 | 778.29 | 778.29 | 130 | 908.01 | 0 | 0 | 0 | 648.58 | 389.15 | 1037.72 | 129.72 | 0 | 0 | 129.72 | 0 | 0 | 129.72 | 0 | 908.01 |
| 077 | 21-Sep-2002 | 6:00 | -82.00 | 4.0 | 500 | 2903 | 0.44 | 26.70 | 32.94 | 0.75 | 1.37 | 4612.52 | 36121.46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 107 | 20-Sep-2002 | 9:10 | -84.00 | 5.0 | 741 | 3323 | 0.16 | 26.90 | 32.82 | 0.91 | 0.45 | 4144.49 | 30499.23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 109 | 20-Sep-2002 | 17:15 | -84.00 | 4.0 | 726 | 2960 | 0.35 | 27.00 | 32.97 | 1.19 | 0.37 | 14615.07 | 214901.35 | 54.13 | 54.13 | 54.13 | 0 | 54.13 | 324.78 | 650 | 974.34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 001 | 23-Sep-2004 | 4:48 | -77.45 | 6.5 | 36 | 213 | 0.17 | 27.18 | 30.44 | 0.05 | 0.91 | 92240.00 | 1045811.29 | 0 | 67.51 | 0 | 0 | 180.03 | 360.07 | 68 | 427.58 | 0 | 0 | 0 | 112.52 | 0 | 112.52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 003 | 22-Sep-2004 | 20:20 | -77.45 | 5.5 | 6.3 | 181 | 0.67 | 28.09 | 24.78 | 0.13 | 8.47 | 3320.00 | 28641.67 | 0 | 0 | 0 | 0 | 0 | 0 | 276 | 276.37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 69.09 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 005 | 21-Sep-2004 | 7:45 | -77.45 | 4.5 | 12 | 53 | 0.47 | 26.98 | 27.65 | 0.05 | 2.05 | 4770.00 | 31747.47 | 0 | 53.27 | 0 | 0 | 0 | 106.54 | 133 | 239.72 | 0 | 0 | 0 | 26.64 | 0 | 26.64 | 0 | 0 | 0 | 26.64 | 0 | 0 | 0 | 0 | 0 |
| 007 | 20-Sep-2004 | 2:40 | -77.45 | 3.5 | 9 | 48 | 0.54 | 27.04 | 34.85 | 0.13 | 6.63 | 44680.00 | 335446.24 | 0 | 0 | 120.12 | 0 | 0 | 60.06 | 120 | 180.17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 010 | 23-Sep-2004 | 0:13 | -78.00 | 6.0 | 70 | 4139 | 0.63 | 27.62 | 29.25 | 0.17 | 1.75 | 7180.00 | 66363.95 | 0 | 0 | 0 | 0 | 9.25 | 55.49 | 157 | 212.70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 92.48 | 0 | 0 | 0 | 0 | 0 |
| 012 | 22-Sep-2004 | 8:15 | -78.00 | 5.0 | 70 | 3442 | 0.78 | 26.71 | 28.15 | 0.17 | 3.05 | 6900.00 | 39992.22 | 0 | 46.34 | 0 | 23.17 | 34.75 | 69.51 | 81 | 150.60 | 11.58 | 0 | 11.58 | 23.17 | 0 | 23.17 | 0 | 0 | 0 | 11.58 | 0 | 0 | 0 | 0 | 0 |
| 014 | 21-Sep-2004 | 4:15 | -78.00 | 4.0 | 65 | 1719 | 0.45 | 26.31 | 29.66 | 0.05 | 1.44 | 9100.00 | 104231.33 | 0 | 0 | 45.83 | 0 | 504.13 | 91.66 | 115 | 206.23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 481.21 | 0 | 91.66 | 0 | 0 | 0 |
| 016 | 19-Sep-2004 | 23:15 | -78.00 | 3.0 | 34 | 49 | 0.56 | 27.25 | 28.77 | 0.26 | 5.49 | 22520.00 | 177104.40 | 0 | 62.91 | 0 | 0 | 0 | 62.91 | 126 | 188.73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 62.91 |
| 025 | 25-Sep-2004 | 4:45 | -79.00 | 6.0 | 178 | 3239 | 0.83 | 27.20 | 28.26 | 0.13 | 1.98 | 28760.00 | 225332.41 | 0 | 0 | 0 | 0 | 109.67 | 109.67 | 125 | 235.01 | 0 | 0 | 0 | 0 | 15.67 | 15.67 | 0 | 0 | 0 | 47.00 | 0 | 0 | 0 | 0 | 0 |
| 027 | 22-Sep-2004 | 1:27 | -79.00 | 5.0 | 181 | 3573 | 0.43 | 26.76 | 30.34 | 0.17 | 1.21 | 12070.00 | 71295.29 | 0 | 0 | 70.87 | 0 | 448.85 | 425.23 | 24 | 448.85 | 0 | 70.87 | 70.87 | 0 | 23.62 | 23.62 | 0 | 118.12 | 0 | 708.71 | 0 | 0 | 0 | 0 | 23.62 |
| 029 | 20-Sep-2004 | 18:50 | -79.00 | 4.0 | 176 | 3447 | 0.47 | 25.64 | 30.81 | 0.17 | 0.99 | 5070.00 | 44375.01 | 0 | 104.96 | 314.89 | 0 | 0 | 0 | 70 | 69.98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 104.96 | 0 | 0 | 0 | 0 | 0 |
| 031 | 19-Sep-2004 | 17:00 | -79.00 | 3.0 | 146 | 2390 | 0.47 | 26.25 | 32.20 | 0.21 | 1.06 | 6590.00 | 53263.54 | 0 | 420.12 | 32.32 | 0 | 387.80 | 549.39 | 226 | 775.61 | 32.32 | 0 | 32.32 | 0 | 0 | 0 | 0 | 0 | 0 | 32.32 | 0 | 0 | 0 | 32.32 | 0 |
| 043 | 25-Sep-2004 | 20:15 | -80.00 | 5.0 | 292 | 3392 | 0.79 | 26.70 | 31.34 | 0.05 | 0.53 | 37900.00 | 280180.08 | 0 | 118.27 | 29.57 | 0 | 620.90 | 59.13 | 148 | 206.97 | 0 | 29.57 | 29.57 | 0 | 0 | 0 | 0 | 0 | 59.13 | 266.10 | 59.13 | 0 | 0 | 0 | 118.27 |
| 045 | 28-Sep-2004 | 20:30 | -80.00 | 4.0 | 283 | 3215 | 0.63 | 26.85 | 32.10 | 0.26 | 0.76 | 72020.00 | 575824.52 | 0 | 0 | 0 | 0 | 447.73 | 63.96 | 320 | 383.77 | 0 | 0 | 0 | 0 | 255.85 | 255.85 | 0 | 0 | 0 | 703.58 | 0 | 0 | 0 | 0 | 0 |
| 047 | 4-Oct-2004 | 7:55 | -80.00 | 3.0 | 263 | 4052 | 0.57 | 26.48 | 32.72 | 0.34 | 1.67 | 41170.00 | 336626.45 | 0 | 0 | 0 | 32.71 | 539.71 | 163.55 | 33 | 196.26 | 0 | 16.35 | 16.35 | 0 | 0 | 0 | 16.35 | 0 | 0 | 65.42 | 0 | 0 | 0 | 0 | 0 |
| 049 | 7-Oct-2004 | 18:30 | -80.00 | 2.0 | 143 | 3183 | 0.98 | 26.41 | 33.04 | 0.05 | 0.15 | 1015240.00 | 13096125.30 | 0 | 1135.16 | 928.76 | 0 | 0 | 206.39 | 0 | 206.39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 103.20 | 0 |
| 075 | 28-Sep-2004 | 6:45 | -82.00 | 5.0 | 513 | 2671 | 0.73 | 26.63 | 32.43 | 0.21 | 0.68 | 26190.00 | 173521.16 | 0 | 0 | 0 | 53.01 | 106.02 | 265.05 | 0 | 265.05 | 0 | 53.01 | 53.01 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 077 | 26-Sep-2004 | 22:30 | -82.00 | 4.0 | 500 | 2903 | 0.58 | 26.75 | 33.13 | 0.13 | 0.22 | 108160.00 | 925518.81 | 0 | 68.46 | 0 | 136.91 | 136.91 | 0 | 205 | 205.37 | 0 | 273.82 | 273.82 | 0 | 342.28 | 342.28 | 0 | 0 | 0 | 136.91 | 0 | 0 | 0 | 0 | 0 |
| 079 | 4-Oct-2004 | 23:30 | -82.00 | 3.0 | 475 | 2743 | 0.73 | 26.72 | 32.93 | 0.26 | 0.76 | 81950.00 | 682474.17 | 0 | 0 | 0 | 199.87 | 199.87 | 266.50 | 67 | 333.12 | 0 | 66.62 | 66.62 | 66.62 | 866.12 | 932.75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 081 | 7-Oct-2004 | 2:33 | -82.00 | 2.0 | 366 | 3232 | 0.65 | 26.18 | 33.33 | 0.26 | 1.14 | 108300.00 | 811751.46 | 0 | 0 | 0 | 119.93 | 59.96 | 479.72 | 420 | 899.47 | 0 | 59.96 | 59.96 | 299.82 | 2458.56 | 2758.39 | 359.79 | 0 | 0 | 419.75 | 0 | 0 | 59.96 | 0 | 0 |
| 107 | 27-Sep-2004 | 18:00 | -84.00 | 5.0 | 741 | 3323 | 0.66 | 26.50 | 32.89 | 0.38 | 0.60 | 20350.00 | 202291.03 | 0 | 0 | 0 | 238.53 | 79.51 | 79.51 | 0 | 79.51 | 0 | 477.05 | 477.05 | 0 | 0 | 0 | 0 | 0 | 0 | 79.51 | 0 | 0 | 0 | 0 | 0 |
| 109 | 27-Sep-2004 | 12:30 | -84.00 | 4.0 | 726 | 2960 | 0.97 | 26.56 | 33.21 | 0.21 | 0.45 | 19950.00 | 134669.37 | 0 | 0 | 0 | 134.99 | 107.99 | 54.00 | 0 | 54.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 111 | 6-Oct-2004 | 2:00 | -84.00 | 3.0 | 708 | 2698 | 0.67 | 26.44 | 33.30 | 0.26 | 0.15 | 97060.00 | 983754.63 | 81.09 | 0 | 0 | 162.17 | 973.02 | 486.51 | 0 | 486.51 | 0 | 243.26 | 243.26 | 81.09 | 1216.28 | 1297.36 | 0 | 0 | 324.34 | 0 | 0 | 0 | 0 | 0 | 0 |
| 113 | 6-Oct-2004 | 9:15 | -84.00 | 2.0 | 589 | 3181 | 0.49 | 26.20 | 33.36 | 0.21 | 1.52 | 47850.00 | 412947.38 | 0 | 0 | 0 | 0 | 207.13 | 69.04 | 414 | 483.31 | 0 | 207.13 | 207.13 | 0 | 69.04 | 69.04 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |