Table 2 Ecopath model summary.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Group | TP | Biomass (g/m) | PB | QB | EE | GE | Removals (g/m) |
| Juv Shark | 3.49 | 0.0844 | 2 | 18 | 0.00237 | 0.11100 | 4e-04 |
| Adu Shark | 3.86 | 6.8e-07 | 0.51 | 3.91 | 0.288 | 0.13000 | 1e-07 |
| Juv R Drum | 2.35 | 0.2 | 2.2 | 4.5 | 0.706 | 0.48900 | 5e-04 |
| Adu R Drum | 3.18 | 0.00149 | 0.62 | 1.87 | 1.46e-05 | 0.33200 | 0 |
| Juv Seatrout | 2.92 | 0.00275 | 3.7 | 29.1 | 0.843 | 0.12700 | 0 |
| Adu Seatrout | 2.97 | 0.1 | 0.7 | 5.4 | 0.312 | 0.13000 | 0.004 |
| Juv B Drum | 2.33 | 0.109 | 2 | 22.6 | 0.923 | 0.08830 | 0.033 |
| Adu B Drum | 2.69 | 0.00117 | 0.5 | 6.36 | 0.741 | 0.07860 | 0.00016 |
| Juv Catfish | 2.30 | 0.0175 | 2 | 10.8 | 0.74 | 0.18500 | 0 |
| Adu Catfish | 2.76 | 0.156 | 0.8 | 3.3 | 0.834 | 0.24200 | 0.02 |
| Juv Sm Sciaenids | 2.74 | 0.33 | 2 | 20 | 0.902 | 0.09990 | 0 |
| Adu Sm Sciaenids | 2.64 | 1.56 | 1.5 | 8.84 | 0.577 | 0.17000 | 0.022 |
| Juv Sheepshead | 2.73 | 0.0975 | 2 | 14.6 | 0.788 | 0.13700 | 0.001 |
| Adu Sheepshead | 3.11 | 0.05 | 0.42 | 5.9 | 0.838 | 0.07120 | 0.015 |
| Juv Flounder | 2.67 | 0.00647 | 2 | 13.3 | 0.869 | 0.15000 | 2e-04 |
| Adu Flounder | 3.32 | 0.00581 | 0.42 | 4.51 | 0.792 | 0.09320 | 0.0018 |
| Juv Pinfish | 2.26 | 0.0727 | 2 | 19.8 | 0.946 | 0.10100 | 0 |
| Adu Pinfish | 2.11 | 0.08 | 0.7 | 8 | 0.947 | 0.08750 | 0.002 |
| Juv Menhaden | 3.00 | 0.17 | 2.3 | 19.4 | 0.254 | 0.11900 | 1e-04 |
| Adu Menhaden | 2.02 | 0.569 | 1.9 | 8.48 | 0.909 | 0.22400 | 0.68 |
| Juv Mullet | 2.71 | 0.38 | 2.4 | 33 | 0.408 | 0.07280 | 0.002 |
| Adu Mullet | 2.00 | 1.44 | 0.8 | 12.3 | 0.16 | 0.06510 | 0 |
| Anchovy Silverside | 2.65 | 0.952 | 2.3 | 19.4 | 0.854 | 0.11900 | 0.002 |
| Gar | 3.34 | 0.04 | 0.48 | 2.25 | 0.104 | 0.21300 | 0.002 |
| Stingray | 3.17 | 0.16 | 0.48 | 1 | 0.197 | 0.48000 | 0 |
| Diving Birds | 3.48 | 0.00147 | 0.1 | 50 | 0 | 0.00200 | 0 |
| Pelicans | 3.45 | 0.00747 | 0.1 | 17.7 | 5.41e-05 | 0.00565 | 0 |
| Marsh Birds | 3.36 | 0.00013 | 5.48 | 87.6 | 0 | 0.06250 | 0 |
| Dolphins | 3.55 | 0.08 | 0.051 | 25.3 | 8.24e-05 | 0.00202 | 0 |
| Killifishes | 2.72 | 0.215 | 2.53 | 19.4 | 0.966 | 0.13000 | 0 |
| Juv Panaeids | 2.05 | 0.205 | 3 | 66.6 | 0.262 | 0.04500 | 0 |
| Adu Panaeids | 2.16 | 15.5 | 2.4 | 19.2 | 0.0388 | 0.12500 | 1.32 |
| Juv Blue Crab | 2.37 | 0.443 | 3 | 17 | 0.203 | 0.17600 | 0.002 |
| Adu Blue Crab | 2.44 | 0.563 | 2.4 | 8.5 | 0.589 | 0.28200 | 0.601 |
| Carn Insects | 2.68 | 0.0171 | 6 | 30 | 0.3$^#$ | 0.20000 | 0 |
| Grass Shrimp | 2.05 | 0.446 | 4.5 | 18 | 0.901 | 0.25000 | 0 |
| Other Crabs | 2.00 | 1 | 4.5 | 18 | 0.991 | 0.25000 | 0 |
| Herb Insects | 2.00 | 0.174 | 6 | 30 | 0.3$^#$ | 0.20000 | 0 |
| Zooplankton | 2.00 | 4.12 | 28.8 | 84.9 | 0.489 | 0.33900 | 0 |
| Oyster Spat | 2.00 | 0.0356 | 2 | 40 | 0.032 | 0.05000 | 0 |
| Seed Oyster | 2.05 | 1.2 | 1.8 | 14.6 | 0.625 | 0.12300 | 0 |
| Sack Oyster | 2.05 | 0.685 | 2.4 | 10 | 0.839 | 0.24000 | 0.3 |
| Oyster Drill | 2.24 | 1.5 | 4.5 | 18 | 0.272 | 0.25000 | 0.01 |
| Mollusks | 2.00 | 4.03 | 3 | 15 | 0.743 | 0.20000 | 0 |
| Benthic Inverts | 2.03 | 6 | 4.5 | 22 | 0.982 | 0.20500 | 0 |
| Marsh Plants | 1.00 | 192 | 2.99 | 0 | 0.00919 | 0.00000 | 0 |
| SAV | 1.00 | 9.78 | 9.01 | 0 | 0.744 | 0.00000 | 0 |
| Benthic Microalgae | 1.00 | 29.8 | 3.91 | 0 | 0.755 | 0.00000 | 0 |
| Phytoplankton | 1.00 | 12.8 | 102 | 0 | 0.31 | 0.00000 | 0 |
| Detritus | 1.00 | 100 | 0 | 0 | 0 | 0.00000 | 0 |

|  |
| --- |
| De Mutsert et al. 2017 |
| C.W. Martin 2022, expert opinion |
| Murie et al. 2009 |
| Pauly, 1998 |
| Sage et al. 1972 |
| De Mutsert et al. 2016 |
| Geers, 2012 |
| Deehr et al. 2014 |
| McDonald et al. 2017 |
| Bejarano et al. 2017 |
| Wolff et al. 2000 |
| Lin and Mendelssohn, 2012 |
| Hill and Roberts, 2017 |
| Leading stanza |
| Solved by Rpath |
| $^#$ Sensitivity of results to this paramter was minimal |