

Table S1. Detailed sampling stations and environmental factors in the coastal areas from south to north in southeast China in 2020. DS, Dongshan Area; MJ, Minjiang estuary; PT, Pingtan Area; SS, Sansha Area; XM, Xiamen Area.

| Station | Date | Site | Latitude (°N) | Longitude (°E) | Depth (m) | Temperature (°C) | Salinity (psu) | Nitrate (μM) | Nitrite (μM) | Ammonia (μM) | Phosphate (μM) | Silicate (μM) | Chlorophyll a (ng/L) |
|---------|------|------|------------------|-------------------|--------------|---------------------|-------------------|-----------------|-----------------|-----------------|-------------------|------------------|-------------------------|
| E1 | 5/18 | DS | 23.65 | 117.50 | 2.00 | 25.69 | 34.32 | 0.18 | 0.0001 | 0.0001 | 0.12 | 5.70 | 0.46 |
| E2 | 5/18 | DS | 23.64 | 117.51 | 2.00 | 25.64 | 34.25 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 4.90 | 0.48 |
| E2 | 5/18 | DS | 23.64 | 117.51 | 26.00 | 25.26 | 34.39 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 4.00 | 0.42 |
| E3 | 5/18 | DS | 23.61 | 117.54 | 2.00 | 25.56 | 34.27 | 0.15 | 0.0001 | 0.0001 | 0.0001 | 4.40 | 0.37 |
| E3 | 5/18 | DS | 23.61 | 117.54 | 23.00 | 24.79 | 34.41 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 3.80 | 0.25 |
| Z2 | 5/19 | DS | 23.88 | 117.52 | 2.00 | 28.64 | 32.72 | 3.04 | 0.59 | 0.56 | 0.74 | 27.80 | 1.21 |
| Z2 | 5/19 | DS | 23.88 | 117.52 | 8.00 | 28.05 | 33.00 | 1.31 | 0.27 | 0.71 | 0.42 | 16.80 | 1.58 |
| Z4 | 5/19 | DS | 23.83 | 117.52 | 2.00 | 27.65 | 33.45 | 0.53 | 0.11 | 0.0001 | 0.29 | 8.80 | 1.08 |
| Z4 | 5/19 | DS | 23.83 | 117.52 | 8.00 | 27.20 | 33.70 | 0.58 | 0.15 | 1.02 | 0.36 | 8.90 | 1.39 |
| Z6 | 5/19 | DS | 23.80 | 117.53 | 2.00 | 27.64 | 33.49 | 1.56 | 0.11 | 0.0001 | 0.30 | 9.10 | 1.73 |
| Z6 | 5/19 | DS | 23.80 | 117.53 | 5.00 | 27.51 | 33.60 | 1.91 | 0.11 | 1.26 | 0.29 | 7.60 | 1.09 |
| Z9 | 5/19 | DS | 23.75 | 117.55 | 2.00 | 26.34 | 34.03 | 0.57 | 0.14 | 2.71 | 0.37 | 9.20 | 0.57 |
| Z9 | 5/19 | DS | 23.75 | 117.55 | 26.00 | 26.08 | 34.13 | 0.52 | 0.14 | 4.15 | 0.36 | 7.50 | 0.57 |
| Z6 | 5/23 | DS | 23.80 | 117.53 | 2.00 | 25.39 | 33.72 | 1.70 | 0.32 | 3.22 | 0.42 | 21.20 | 0.53 |
| Z6 | 5/23 | DS | 23.80 | 117.53 | 7.00 | 25.23 | 33.98 | 0.98 | 0.23 | 2.43 | 0.29 | 10.50 | 0.53 |
| Z9 | 5/23 | DS | 23.75 | 117.55 | 2.00 | 25.16 | 34.13 | 0.57 | 0.17 | 2.41 | 0.24 | 8.10 | 0.48 |
| Z9 | 5/23 | DS | 23.75 | 117.55 | 26.00 | 25.10 | 34.14 | 0.89 | 0.16 | 2.25 | 0.24 | 7.70 | 0.35 |
| T1 | 5/23 | DS | 23.71 | 117.56 | 2.00 | 25.16 | 34.20 | 0.34 | 0.12 | 1.18 | 0.16 | 6.60 | 0.37 |
| T1 | 5/23 | DS | 23.71 | 117.56 | 11.00 | 25.14 | 34.19 | 0.26 | 0.12 | 2.39 | 0.14 | 6.80 | 0.34 |
| T2 | 5/23 | DS | 23.68 | 117.59 | 2.00 | 25.15 | 34.19 | 0.59 | 0.13 | 1.36 | 0.16 | 6.90 | 0.38 |
| T2 | 5/23 | DS | 23.68 | 117.59 | 20.00 | 25.16 | 34.16 | 0.99 | 0.26 | 1.78 | 0.28 | 7.60 | 0.30 |
| Z6 | 5/24 | DS | 23.80 | 117.53 | 2.00 | 25.59 | 32.57 | 2.68 | 0.50 | 5.26 | 0.66 | 28.67 | 0.49 |

| Station | Date | Site | Latitude (°N) | Longitude (°E) | Depth (m) | Temperature (°C) | Salinity (psu) | Nitrate (µM) | Nitrite (µM) | Ammonia (µM) | Phosphate (µM) | Silicate (µM) | Chlorophyll a |
|------------|------|------|------------------|-------------------|--------------|---------------------|-------------------|-----------------|-----------------|-----------------|-------------------|------------------|---------------|
| Z6 | 5/24 | DS | 23.80 | 117.53 | 7.00 | 25.48 | 32.62 | 4.56 | 0.76 | 5.37 | 1.02 | 27.77 | 0.55 |
| Z6 | 5/24 | DS | 23.80 | 117.53 | 2.00 | 26.15 | 33.70 | 2.15 | 0.39 | 3.12 | 0.55 | 15.52 | 0.46 |
| Z6 | 5/24 | DS | 23.80 | 117.53 | 7.00 | 25.51 | 34.01 | 0.89 | 0.27 | 2.59 | 0.39 | 10.69 | 0.51 |
| A2 | 5/28 | DS | 23.80 | 117.50 | 2.00 | 25.64 | 33.89 | 2.28 | 0.38 | 4.29 | 0.60 | 18.00 | 0.71 |
| B2 | 5/28 | DS | 23.80 | 117.58 | 2.00 | 25.95 | 33.39 | 4.69 | 0.62 | 2.36 | 0.56 | 14.90 | 0.92 |
| Z2 | 5/28 | DS | 23.88 | 117.52 | 2.00 | 26.62 | 31.23 | 9.01 | 1.23 | 6.84 | 1.41 | 44.60 | 2.03 |
| Z2 | 5/28 | DS | 23.88 | 117.52 | 6.00 | 26.58 | 32.28 | 5.93 | 1.05 | 5.48 | 1.28 | 35.20 | 1.10 |
| Z4 | 5/28 | DS | 23.83 | 117.52 | 2.00 | 26.51 | 31.96 | 6.41 | 0.85 | 5.56 | 0.99 | 37.30 | 0.83 |
| Z4 | 5/28 | DS | 23.83 | 117.52 | 7.00 | 26.40 | 32.62 | 6.57 | 0.92 | 5.11 | 1.11 | 31.70 | 0.50 |
| Z6 | 5/28 | DS | 23.80 | 117.53 | 2.00 | 26.26 | 32.53 | 6.16 | 0.79 | 5.16 | 0.96 | 31.80 | 0.61 |
| Z6 | 5/28 | DS | 23.80 | 117.53 | 6.00 | 26.25 | 32.56 | 6.63 | 0.89 | 5.26 | 1.08 | 31.50 | 0.70 |
| Z8 | 5/28 | DS | 23.79 | 117.53 | 2.00 | 25.80 | 33.72 | 3.03 | 0.42 | 2.89 | 0.54 | 16.20 | 0.63 |
| Z8 | 5/28 | DS | 23.79 | 117.53 | 5.00 | 25.68 | 33.84 | 2.03 | 0.34 | 3.56 | 0.51 | 14.80 | 0.47 |
| Z9 | 5/28 | DS | 23.75 | 117.55 | 2.00 | 25.48 | 34.02 | 1.01 | 0.23 | 2.44 | 0.41 | 10.20 | 0.36 |
| Z9 | 5/28 | DS | 23.75 | 117.55 | 28.00 | 25.32 | 34.09 | 0.67 | 0.16 | 1.95 | 0.28 | 32.60 | 0.34 |
| C1 | 5/28 | DS | 23.74 | 117.55 | 36.00 | 25.66 | 34.26 | 0.95 | 0.14 | 1.76 | 0.27 | 6.84 | 0.49 |
| E3 | 5/28 | DS | 23.61 | 117.54 | 2.00 | 24.95 | 34.08 | 0.29 | 0.06 | 0.53 | 0.15 | 4.90 | 0.28 |
| E3 | 5/28 | DS | 23.61 | 117.54 | 26.00 | 24.84 | 34.10 | 0.46 | 0.0001 | 0.0001 | 0.13 | 3.90 | 0.25 |
| F1 | 5/28 | DS | 23.72 | 117.54 | 2.00 | 25.14 | 34.10 | 0.36 | 0.10 | 0.88 | 0.20 | 7.00 | 0.39 |
| F1 | 5/28 | DS | 23.72 | 117.54 | 15.00 | 25.11 | 34.11 | 0.66 | 0.07 | 1.02 | 0.16 | 7.00 | 0.28 |
| B12 | 5/18 | XM | 24.64 | 118.18 | 1.50 | 30.02 | 27.51 | 9.78 | 1.00 | 9.73 | 0.91 | 4.70 | 0.59 |
| B11 | 5/18 | XM | 24.62 | 118.16 | 1.50 | 30.36 | 27.65 | 1.63 | 0.25 | 3.54 | 0.42 | 2.50 | 0.72 |
| B10 | 5/18 | XM | 24.59 | 118.15 | 1.50 | 30.38 | 27.59 | 0.86 | 0.21 | 2.72 | 0.42 | 3.80 | 0.45 |
| B09 | 5/18 | XM | 24.56 | 118.16 | 8.50 | 31.14 | 26.38 | 1.67 | 0.39 | 4.20 | 0.40 | 4.70 | 0.75 |

| Station | Date | Site | Latitude (°N) | Longitude (°E) | Depth (m) | Temperature (°C) | Salinity (psu) | Nitrate (µM) | Nitrite (µM) | Ammonia (µM) | Phosphate (µM) | Silicate (µM) | Chlorophyll a |
|------------|------|------|------------------|-------------------|--------------|---------------------|-------------------|-----------------|-----------------|-----------------|-------------------|------------------|---------------|
| B08 | 5/18 | XM | 24.56 | 118.13 | 1.50 | 30.22 | 26.95 | 6.60 | 1.14 | 4.54 | 0.82 | 6.80 | 0.54 |
| B07 | 5/18 | XM | 24.55 | 118.09 | 1.50 | 30.04 | 26.84 | 12.16 | 2.57 | 2.00 | 0.49 | 13.30 | 1.00 |
| B07 | 5/18 | XM | 24.55 | 118.09 | 8.50 | 30.08 | 26.75 | 12.35 | 2.58 | 3.05 | 0.46 | 13.30 | 1.03 |
| B06 | 5/18 | XM | 24.53 | 118.07 | 1.50 | 25.74 | 29.79 | 9.96 | 2.37 | 1.29 | 0.05 | 3.30 | 0.40 |
| B05 | 5/18 | XM | 24.54 | 118.06 | 1.50 | 29.23 | 27.29 | 14.38 | 2.67 | 2.48 | 0.46 | 9.30 | 0.65 |
| B04 | 5/18 | XM | 24.54 | 118.04 | 1.50 | 29.07 | 27.59 | 11.21 | 1.62 | 2.61 | 0.13 | 8.00 | 0.57 |
| B03 | 5/18 | XM | 24.51 | 118.07 | 1.50 | 30.06 | 26.87 | 12.24 | 2.68 | 3.04 | 0.55 | 14.50 | 0.76 |
| B03 | 5/18 | XM | 24.51 | 118.07 | 13.50 | 30.46 | 26.25 | 11.74 | 2.75 | 5.24 | 0.60 | 16.80 | 1.60 |
| B02 | 5/18 | XM | 24.48 | 118.06 | 1.50 | 30.19 | 26.78 | 11.05 | 2.81 | 5.90 | 0.55 | 16.30 | 1.47 |
| B02 | 5/18 | XM | 24.48 | 118.06 | 10.50 | 30.59 | 26.13 | 10.85 | 2.86 | 6.45 | 0.60 | 18.00 | 1.14 |
| B01 | 5/18 | XM | 24.45 | 118.05 | 1.50 | 30.37 | 26.14 | 10.00 | 2.49 | 5.90 | 0.60 | 19.80 | 0.68 |
| B01 | 5/18 | XM | 24.45 | 118.05 | 8.50 | 30.95 | 25.81 | 10.13 | 2.50 | 6.45 | 0.58 | 19.70 | 0.61 |
| C01 | 5/19 | XM | 24.44 | 118.08 | 1.50 | 30.39 | 25.64 | 6.60 | 1.34 | 6.14 | 0.55 | 18.30 | 0.51 |
| C01 | 5/19 | XM | 24.44 | 118.08 | 11.50 | 32.48 | 24.91 | 4.27 | 1.13 | 5.52 | 0.52 | 15.80 | 0.37 |
| C02 | 5/19 | XM | 24.42 | 118.10 | 1.50 | 31.06 | 25.44 | 5.49 | 1.20 | 5.11 | 0.50 | 15.80 | 0.41 |
| C02 | 5/19 | XM | 24.42 | 118.10 | 10.50 | 33.04 | 24.77 | 2.29 | 0.82 | 4.19 | 0.40 | 12.20 | 0.34 |
| C04 | 5/19 | XM | 24.43 | 118.18 | 1.50 | 32.42 | 25.30 | 3.28 | 0.79 | 3.58 | 0.39 | 13.30 | 0.53 |
| C04 | 5/19 | XM | 24.43 | 118.18 | 8.50 | 33.00 | 24.87 | 2.98 | 0.76 | 3.21 | 0.39 | 14.80 | 0.54 |
| C05 | 5/19 | XM | 24.47 | 118.22 | 1.50 | 32.15 | 25.83 | 5.01 | 0.75 | 4.80 | 0.51 | 15.70 | 0.33 |
| C05 | 5/19 | XM | 24.47 | 118.22 | 11.50 | 32.23 | 25.54 | 4.53 | 0.77 | 4.84 | 0.50 | 16.60 | 0.20 |
| C06 | 5/19 | XM | 24.49 | 118.25 | 1.50 | 32.14 | 26.22 | 1.73 | 0.25 | 4.48 | 0.37 | 6.50 | 0.37 |
| C06 | 5/19 | XM | 24.49 | 118.25 | 15.50 | 32.52 | 25.96 | 0.83 | 0.27 | 4.84 | 0.32 | 7.20 | 0.37 |
| C09 | 5/19 | XM | 24.55 | 118.19 | 1.50 | 31.43 | 26.60 | 1.80 | 0.45 | 6.09 | 0.71 | 10.40 | 0.10 |
| C09 | 5/19 | XM | 24.55 | 118.19 | 10.50 | 31.64 | 26.14 | 2.06 | 0.43 | 6.19 | 0.60 | 8.10 | 0.14 |

| Station | Date | Site | Latitude (°N) | Longitude (°E) | Depth (m) | Temperature (°C) | Salinity (psu) | Nitrate (µM) | Nitrite (µM) | Ammonia (µM) | Phosphate (µM) | Silicate (µM) | Chlorophyll a |
|------------|------|------|------------------|-------------------|--------------|---------------------|-------------------|-----------------|-----------------|-----------------|-------------------|------------------|---------------|
| B05 | 5/19 | XM | 24.54 | 118.06 | 1.50 | 29.82 | 27.15 | 11.78 | 2.47 | 2.31 | 0.49 | 6.10 | 0.67 |
| C01 | 5/23 | XM | 24.44 | 118.08 | 1.50 | 28.07 | 25.16 | 24.41 | 3.44 | 14.15 | 1.14 | 34.40 | 0.21 |
| C01 | 5/23 | XM | 24.44 | 118.08 | 16.50 | 30.65 | 25.04 | 17.58 | 3.06 | 14.15 | 1.08 | 32.00 | 0.18 |
| C02 | 5/23 | XM | 24.42 | 118.10 | 1.50 | 30.80 | 25.09 | 11.90 | 2.30 | 12.36 | 0.88 | 24.40 | 0.33 |
| C02 | 5/23 | XM | 24.42 | 118.10 | 9.50 | 31.69 | 24.95 | 11.46 | 2.46 | 8.06 | 1.06 | 24.40 | 0.21 |
| C04 | 5/23 | XM | 24.43 | 118.18 | 1.50 | 32.43 | 24.78 | 5.50 | 1.13 | 5.83 | 0.62 | 16.20 | 0.23 |
| C04 | 5/23 | XM | 24.43 | 118.18 | 8.50 | 32.53 | 24.75 | 5.19 | 1.11 | 5.77 | 0.65 | 16.30 | 0.25 |
| C05 | 5/23 | XM | 24.47 | 118.22 | 1.50 | 32.44 | 24.92 | 4.29 | 0.67 | 6.10 | 0.65 | 16.30 | 0.15 |
| C05 | 5/23 | XM | 24.47 | 118.22 | 11.50 | 32.58 | 24.81 | 4.15 | 0.66 | 6.24 | 0.66 | 16.60 | 0.29 |
| C09 | 5/23 | XM | 24.55 | 118.19 | 1.50 | 31.89 | 25.63 | 3.05 | 0.55 | 8.46 | 0.83 | 16.70 | 0.20 |
| C09 | 5/23 | XM | 24.55 | 118.19 | 11.50 | 32.40 | 25.03 | 3.00 | 0.53 | 8.43 | 0.80 | 16.40 | 0.18 |
| B12 | 5/23 | XM | 24.64 | 118.18 | 1.50 | 29.94 | 26.25 | 5.82 | 1.39 | 26.19 | 2.42 | 29.70 | 0.17 |
| B10 | 5/23 | XM | 24.59 | 118.15 | 1.50 | 30.99 | 25.98 | 3.78 | 0.78 | 14.73 | 1.57 | 23.50 | 0.15 |
| B08 | 5/23 | XM | 24.56 | 118.13 | 1.50 | 30.30 | 25.76 | 7.45 | 1.33 | 21.34 | 1.97 | 27.20 | 0.21 |
| B07 | 5/23 | XM | 24.55 | 118.09 | 1.50 | 29.98 | 25.78 | 12.63 | 2.88 | 16.99 | 1.51 | 24.10 | 0.71 |
| B07 | 5/23 | XM | 24.55 | 118.09 | 8.50 | 29.99 | 25.73 | 12.61 | 2.88 | 16.93 | 1.48 | 24.20 | 0.89 |
| B02 | 5/23 | XM | 24.48 | 118.06 | 1.50 | 29.94 | 25.59 | 13.93 | 3.24 | 15.62 | 1.39 | 27.40 | 0.33 |
| B02 | 5/23 | XM | 24.48 | 118.06 | 15.50 | 30.00 | 25.36 | 14.66 | 3.34 | 15.92 | 1.34 | 28.60 | 0.44 |
| C06 | 5/28 | XM | 24.49 | 118.25 | 1.50 | 32.21 | 25.75 | 8.35 | 0.96 | 10.07 | 1.03 | 26.50 | 0.44 |
| C06 | 5/28 | XM | 24.49 | 118.25 | 9.50 | 32.34 | 25.70 | 9.76 | 0.95 | 10.23 | 1.01 | 24.70 | 0.48 |
| D01 | 5/28 | XM | 24.50 | 118.34 | 1.50 | 33.55 | 24.96 | 3.26 | 0.53 | 4.10 | 0.47 | 14.70 | 0.65 |
| B06 | 5/23 | XM | 24.53 | 118.07 | 1.50 | 29.83 | 25.70 | 12.67 | 2.75 | 20.28 | 1.73 | 27.10 | 0.49 |
| D02 | 5/28 | XM | 24.55 | 118.43 | 1.50 | 33.27 | 25.10 | 3.19 | 0.60 | 4.61 | 0.46 | 14.40 | 0.69 |
| D02 | 5/28 | XM | 24.55 | 118.43 | 13.50 | 33.49 | 24.97 | 2.96 | 0.57 | 4.44 | 0.45 | 14.00 | 0.77 |

| Station | Date | Site | Latitude (°N) | Longitude (°E) | Depth (m) | Temperature (°C) | Salinity (psu) | Nitrate (µM) | Nitrite (µM) | Ammonia (µM) | Phosphate (µM) | Silicate (µM) | Chlorophyll a |
|--------------|------|------|------------------|-------------------|--------------|---------------------|-------------------|-----------------|-----------------|-----------------|-------------------|------------------|---------------|
| A05 | 5/28 | XM | 24.34 | 118.18 | 1.50 | 33.06 | 25.26 | 3.81 | 1.11 | 2.75 | 0.39 | 12.50 | 0.82 |
| A05 | 5/28 | XM | 24.34 | 118.18 | 15.50 | 33.31 | 25.11 | 2.99 | 0.97 | 2.54 | 0.35 | 13.80 | 0.60 |
| A03 | 5/28 | XM | 24.40 | 118.11 | 1.50 | 30.54 | 25.63 | 11.50 | 2.99 | 5.03 | 0.78 | 24.80 | 0.53 |
| A03 | 5/28 | XM | 24.40 | 118.11 | 8.50 | 31.77 | 25.35 | 10.24 | 2.71 | 4.78 | 0.74 | 22.80 | 0.77 |
| N01 | 5/18 | PT | 25.56 | 119.89 | 1.00 | 22.67 | 32.65 | 0.0001 | 0.10 | 1.68 | 0.0001 | 6.50 | 3.68 |
| N01 | 5/18 | PT | 25.56 | 119.89 | 30.00 | 21.73 | 34.23 | 0.0001 | 0.10 | 1.45 | 0.16 | 6.30 | 0.31 |
| N04 | 5/18 | PT | 25.57 | 119.99 | 1.00 | 22.76 | 33.07 | 0.37 | 0.20 | 0.0001 | 0.08 | 5.60 | 2.51 |
| N04 | 5/18 | PT | 25.57 | 119.99 | 43.00 | 22.63 | 34.58 | 2.08 | 0.35 | 0.0001 | 0.24 | 5.80 | 0.15 |
| N07 | 5/18 | PT | 25.56 | 120.05 | 1.00 | 23.73 | 33.05 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 3.97 | 1.18 |
| N07 | 5/18 | PT | 25.56 | 120.08 | 44.00 | 22.76 | 34.58 | 1.95 | 0.35 | 0.0001 | 0.21 | 5.20 | 0.29 |
| N10 | 5/18 | PT | 25.57 | 120.19 | 1.00 | 23.60 | 33.35 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 3.40 | 0.55 |
| N10 | 5/18 | PT | 25.57 | 120.19 | 49.00 | 23.06 | 34.56 | 1.00 | 0.26 | 0.0001 | 0.15 | 4.10 | 0.22 |
| N15 | 5/18 | PT | 25.56 | 120.40 | 1.00 | 24.26 | 33.73 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 3.29 | 0.26 |
| N15 | 5/18 | PT | 25.56 | 120.40 | 60.00 | 23.11 | 34.57 | 1.10 | 0.33 | 0.0001 | 0.15 | 4.20 | 0.13 |
| M2-12 | 5/18 | PT | 25.74 | 120.17 | 1.00 | 23.71 | 32.92 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 4.40 | 0.34 |
| M2-12 | 5/18 | PT | 25.74 | 120.17 | 46.00 | 22.81 | 34.52 | 0.95 | 0.30 | 0.0001 | 0.14 | 4.30 | 0.57 |
| M2-10 | 5/19 | PT | 25.75 | 120.07 | 1.00 | 23.05 | 32.79 | 0.0001 | 0.0001 | 0.77 | 0.0001 | 4.70 | 1.81 |
| M2-10 | 5/19 | PT | 25.75 | 120.07 | 41.00 | 22.66 | 34.51 | 1.36 | 0.37 | 0.0001 | 0.23 | 5.40 | 0.87 |
| M2-6 | 5/19 | PT | 25.78 | 119.88 | 1.00 | 23.03 | 31.16 | 0.09 | 0.05 | 2.02 | 0.13 | 8.40 | 6.52 |
| M2-6 | 5/19 | PT | 25.78 | 119.88 | 26.00 | 21.82 | 34.29 | 0.15 | 0.14 | 0.82 | 0.23 | 6.50 | 0.56 |
| M2-4 | 5/19 | PT | 25.80 | 119.78 | 1.00 | 22.77 | 31.38 | 0.11 | 0.13 | 0.87 | 0.0001 | 8.20 | 11.81 |
| M2-4 | 5/19 | PT | 25.80 | 119.78 | 19.00 | 21.75 | 34.17 | 0.0001 | 0.24 | 1.95 | 0.24 | 7.80 | 4.37 |
| M2-2 | 5/19 | PT | 25.81 | 119.68 | 1.00 | 22.55 | 31.79 | 0.19 | 0.10 | 0.59 | 0.0001 | 8.60 | 4.57 |
| M2-2 | 5/19 | PT | 25.81 | 119.68 | 13.00 | 21.60 | 33.23 | 0.44 | 0.28 | 3.39 | 0.22 | 10.00 | 2.37 |

| Station | Date | Site | Latitude (°N) | Longitude (°E) | Depth (m) | Temperature (°C) | Salinity (psu) | Nitrate (µM) | Nitrite (µM) | Ammonia (µM) | Phosphate (µM) | Silicate (µM) | Chlorophyll a |
|---------|------|------|------------------|-------------------|--------------|---------------------|-------------------|-----------------|-----------------|-----------------|-------------------|------------------|---------------|
| P0-1 | 5/19 | PT | 25.32 | 119.43 | 1.00 | 23.96 | 32.12 | 1.59 | 0.59 | 0.95 | 0.19 | 5.60 | 0.47 |
| P0-1 | 5/19 | PT | 25.32 | 119.43 | 30.00 | 23.65 | 32.61 | 1.56 | 0.48 | 2.82 | 0.27 | 7.70 | 1.16 |
| P01 | 5/19 | PT | 25.18 | 119.39 | 1.00 | 23.87 | 32.85 | 1.27 | 0.47 | 1.80 | 0.26 | 7.40 | 1.27 |
| P01 | 5/19 | PT | 25.18 | 119.39 | 10.00 | 23.83 | 32.85 | 1.32 | 0.59 | 1.92 | 0.27 | 7.40 | 2.38 |
| P03 | 5/19 | PT | 25.11 | 119.57 | 1.00 | 23.27 | 34.07 | 0.0001 | 0.07 | 0.71 | 0.14 | 5.40 | 1.31 |
| P03 | 5/19 | PT | 25.11 | 119.57 | 24.00 | 23.37 | 34.29 | 0.0001 | 0.0001 | 0.52 | 0.11 | 5.30 | 0.11 |
| P05 | 5/19 | PT | 25.02 | 119.77 | 1.00 | 24.40 | 34.33 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 2.50 | 0.55 |
| P05 | 5/19 | PT | 25.02 | 119.77 | 72.00 | 21.86 | 34.61 | 3.65 | 0.27 | 0.0001 | 0.35 | 6.60 | 1.44 |
| PT07 | 5/19 | PT | 25.28 | 120.06 | 1.00 | 23.96 | 34.37 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 2.30 | 0.57 |
| PT07 | 5/19 | PT | 25.28 | 120.06 | 55.00 | 22.46 | 34.59 | 2.55 | 0.33 | 0.0001 | 0.27 | 5.80 | 0.42 |
| PT05 | 5/20 | PT | 25.32 | 119.96 | 1.00 | 23.66 | 34.22 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 3.20 | 0.57 |
| PT05 | 5/20 | PT | 25.32 | 119.96 | 59.00 | 22.34 | 34.61 | 2.92 | 0.40 | 0.0001 | 0.30 | 6.20 | 0.31 |
| PT03 | 5/20 | PT | 25.37 | 119.87 | 1.00 | 22.91 | 33.76 | 0.39 | 0.16 | 0.0001 | 0.12 | 5.40 | 0.29 |
| PT03 | 5/20 | PT | 25.37 | 119.87 | 35.00 | 22.56 | 34.55 | 2.55 | 0.51 | 0.0001 | 0.30 | 7.20 | 0.40 |
| PT01 | 5/20 | PT | 25.40 | 119.79 | 1.00 | 22.53 | 33.22 | 0.87 | 0.46 | 1.83 | 0.23 | 8.10 | 3.34 |
| PT01 | 5/20 | PT | 25.40 | 119.79 | 17.00 | 22.29 | 33.68 | 0.82 | 0.41 | 1.89 | 0.23 | 7.60 | 0.24 |
| LJ24 | 5/18 | MJ | 26.36 | 119.98 | 1.00 | 23.13 | 30.46 | 2.13 | 0.24 | 1.16 | 0.0001 | 12.70 | 5.12 |
| LJ24 | 5/18 | MJ | 26.36 | 119.98 | 34.00 | 21.43 | 33.67 | 0.57 | 0.78 | 3.99 | 0.51 | 9.00 | 1.07 |
| LJ12 | 5/18 | MJ | 26.27 | 119.94 | 1.00 | 23.13 | 29.30 | 3.69 | 0.20 | 2.11 | 0.0001 | 16.40 | 0.83 |
| LJ12 | 5/18 | MJ | 26.27 | 119.94 | 24.00 | 22.85 | 32.40 | 0.81 | 0.54 | 2.90 | 0.28 | 11.70 | 0.35 |
| LJ11 | 5/18 | MJ | 26.22 | 119.84 | 1.00 | 23.13 | 26.10 | 14.80 | 0.39 | 2.11 | 0.0001 | 29.40 | 2.32 |
| LJ23 | 5/18 | MJ | 26.31 | 119.89 | 1.00 | 23.13 | 31.20 | 1.04 | 0.71 | 2.11 | 0.15 | 12.12 | 3.69 |
| LJ23 | 5/18 | MJ | 26.31 | 119.89 | 18.00 | 21.94 | 32.90 | 1.69 | 0.22 | 2.90 | 0.0001 | 11.61 | 0.85 |
| MJ11 | 5/19 | MJ | 26.05 | 119.50 | 1.00 | 24.59 | 0.10 | 98.30 | 4.46 | 2.52 | 0.70 | 134.30 | 2.12 |

| Station | Date | Site | Latitude (°N) | Longitude (°E) | Depth (m) | Temperature (°C) | Salinity (psu) | Nitrate (µM) | Nitrite (µM) | Ammonia (µM) | Phosphate (µM) | Silicate (µM) | Chlorophyll a |
|--------------|------|------|------------------|-------------------|--------------|---------------------|-------------------|-----------------|-----------------|-----------------|-------------------|------------------|---------------|
| MJ11 | 5/19 | MJ | 26.05 | 119.50 | 10.00 | 24.18 | 0.10 | 98.69 | 4.26 | 2.29 | 0.72 | 132.40 | 4.67 |
| MJ12 | 5/19 | MJ | 26.14 | 119.61 | 1.00 | 24.59 | 8.30 | 74.96 | 1.80 | 3.51 | 0.66 | 86.80 | 1.06 |
| MJ12 | 5/19 | MJ | 26.14 | 119.61 | 8.00 | 24.20 | 10.40 | 68.81 | 1.59 | 3.81 | 0.68 | 80.50 | 0.61 |
| MJ14 | 5/19 | MJ | 26.10 | 119.69 | 1.00 | 22.56 | 15.80 | 52.96 | 1.12 | 3.53 | 0.57 | 63.00 | 0.78 |
| MJ14 | 5/19 | MJ | 26.10 | 119.69 | 5.00 | 24.46 | 16.00 | 52.00 | 1.11 | 3.57 | 0.58 | 62.20 | 0.69 |
| LJ31 | 5/23 | MJ | 26.39 | 119.90 | 1.00 | 22.02 | 32.20 | 2.47 | 1.00 | 2.11 | 0.21 | 10.40 | 2.14 |
| LJ31 | 5/23 | MJ | 26.39 | 119.90 | 18.00 | 21.89 | 31.60 | 2.10 | 0.88 | 2.90 | 0.14 | 9.90 | 0.91 |
| LJ34 | 5/23 | MJ | 26.31 | 119.98 | 1.00 | 22.41 | 32.30 | 2.30 | 1.13 | 1.03 | 0.18 | 8.99 | 0.97 |
| LJ34 | 5/23 | MJ | 26.31 | 119.98 | 30.00 | 20.93 | 32.60 | 0.92 | 0.49 | 1.12 | 0.0001 | 7.20 | 0.14 |
| LJ37 | 5/23 | MJ | 26.26 | 119.79 | 1.00 | 22.67 | 30.40 | 2.48 | 0.41 | 2.11 | 0.12 | 17.80 | 0.56 |
| LJ37 | 5/23 | MJ | 26.26 | 119.79 | 7.00 | 21.88 | 31.20 | 2.45 | 0.46 | 2.90 | 0.12 | 17.40 | 1.43 |
| HAB1 | 5/25 | MJ | 26.11 | 119.73 | 1.00 | 25.14 | 22.70 | 33.11 | 0.49 | 2.90 | 0.51 | 58.20 | 1.13 |
| HAB2 | 5/25 | MJ | 26.10 | 119.75 | 1.00 | 25.14 | 25.50 | 15.52 | 0.53 | 2.90 | 0.19 | 42.20 | 5.15 |
| HAB4 | 5/25 | MJ | 26.07 | 119.77 | 1.00 | 25.14 | 25.30 | 10.09 | 0.52 | 0.0001 | 0.40 | 44.10 | 21.97 |
| MJ22 | 5/25 | MJ | 25.94 | 119.79 | 1.00 | 24.49 | 25.70 | 16.03 | 0.54 | 2.11 | 0.0001 | 32.70 | 1.82 |
| MJ22 | 5/25 | MJ | 25.94 | 119.79 | 15.00 | 22.15 | 32.00 | 1.90 | 0.40 | 2.90 | 0.14 | 11.90 | 0.47 |
| MJ23 | 5/25 | MJ | 25.92 | 119.86 | 1.00 | 24.30 | 27.00 | 13.98 | 0.46 | 2.11 | 0.0001 | 29.10 | 2.07 |
| MJ23 | 5/25 | MJ | 25.92 | 119.86 | 10.00 | 23.21 | 31.10 | 3.88 | 0.38 | 2.90 | 0.0001 | 13.50 | 0.27 |
| MJ41 | 5/28 | MJ | 26.16 | 119.71 | 1.00 | 24.06 | 23.10 | 32.08 | 0.50 | 1.91 | 0.50 | 58.30 | 0.38 |
| MJ44 | 5/28 | MJ | 26.09 | 119.94 | 1.00 | 23.29 | 30.50 | 5.42 | 0.43 | 2.11 | 0.0001 | 17.80 | 1.62 |
| MJ44 | 5/28 | MJ | 26.09 | 119.94 | 16.00 | 22.70 | 33.30 | 1.31 | 0.84 | 2.90 | 0.12 | 8.80 | 1.10 |
| RHAB2 | 5/28 | MJ | 26.10 | 119.75 | 1.00 | 24.08 | 22.90 | 32.64 | 0.50 | 0.81 | 0.41 | 58.70 | 0.94 |
| ND31 | 5/20 | SS | 26.56 | 120.00 | 0.50 | 21.77 | 31.71 | 5.91 | 1.71 | 3.58 | 0.42 | 12.60 | 0.83 |
| ND32 | 5/20 | SS | 26.54 | 120.09 | 0.50 | 21.75 | 32.24 | 3.61 | 1.73 | 2.44 | 0.26 | 11.00 | 1.30 |

| Station | Date | Site | Latitude (°N) | Longitude (°E) | Depth (m) | Temperature (°C) | Salinity (psu) | Nitrate (µM) | Nitrite (µM) | Ammonia (µM) | Phosphate (µM) | Silicate (µM) | Chlorophyll a |
|---------|------|------|------------------|-------------------|--------------|---------------------|-------------------|-----------------|-----------------|-----------------|-------------------|------------------|---------------|
| ND32 | 5/20 | SS | 26.54 | 120.09 | 21.00 | 21.46 | 32.45 | 3.71 | 1.91 | 3.69 | 0.29 | 10.20 | 2.33 |
| ND34 | 5/20 | SS | 26.44 | 120.27 | 20.00 | 21.42 | 33.30 | 0.34 | 0.51 | 3.88 | 0.19 | 6.00 | 2.80 |
| ND42 | 5/20 | SS | 26.35 | 120.07 | 0.50 | 22.34 | 31.08 | 3.16 | 0.94 | 3.19 | 0.24 | 12.50 | 8.73 |
| ND42 | 5/20 | SS | 26.35 | 120.07 | 25.00 | 21.73 | 33.40 | 0.72 | 0.73 | 4.62 | 0.29 | 8.00 | 1.56 |
| LJ21 | 5/21 | SS | 26.38 | 119.92 | 0.50 | 22.08 | 31.97 | 3.28 | 1.12 | 5.85 | 0.44 | 11.40 | 4.77 |
| LJ22 | 5/21 | SS | 26.44 | 119.85 | 0.50 | 21.79 | 31.54 | 6.22 | 1.64 | 7.17 | 0.54 | 13.80 | 0.93 |
| LJ22 | 5/21 | SS | 26.44 | 119.85 | 41.00 | 21.76 | 32.07 | 3.54 | 1.19 | 6.30 | 0.37 | 11.70 | 4.77 |
| S3 | 5/22 | SS | 26.62 | 119.69 | 0.50 | 22.32 | 28.89 | 17.22 | 2.22 | 10.31 | 1.44 | 27.30 | 0.90 |
| S3 | 5/22 | SS | 26.62 | 119.69 | 18.00 | 21.90 | 30.27 | 12.85 | 2.19 | 8.53 | 1.05 | 20.70 | 0.38 |
| S2 | 5/22 | SS | 26.62 | 119.64 | 0.50 | 22.40 | 28.36 | 18.39 | 2.20 | 10.82 | 1.48 | 30.10 | 1.09 |
| S1 | 5/22 | SS | 26.63 | 119.61 | 0.50 | 22.64 | 28.26 | 18.54 | 2.32 | 13.24 | 1.61 | 31.10 | 1.09 |
| S1 | 5/22 | SS | 26.63 | 119.61 | 8.00 | 22.37 | 28.89 | 17.26 | 2.27 | 11.45 | 1.45 | 28.30 | 0.29 |
| S26 | 5/22 | SS | 26.67 | 119.64 | 7.00 | 22.41 | 28.36 | 18.55 | 2.26 | 12.02 | 1.54 | 30.00 | 0.75 |
| S6 | 5/22 | SS | 26.70 | 119.67 | 0.50 | 22.29 | 25.71 | 25.33 | 2.07 | 10.79 | 1.67 | 41.30 | 0.75 |
| S6 | 5/22 | SS | 26.70 | 119.67 | 7.00 | 22.19 | 26.98 | 22.19 | 2.16 | 9.47 | 1.48 | 34.80 | 0.57 |
| S7 | 5/22 | SS | 26.70 | 119.72 | 0.50 | 22.27 | 26.77 | 22.18 | 2.13 | 8.14 | 1.50 | 35.20 | 0.58 |
| S7 | 5/22 | SS | 26.70 | 119.72 | 13.50 | 22.03 | 29.00 | 17.09 | 2.28 | 8.35 | 1.25 | 25.60 | 0.19 |
| S11 | 5/22 | SS | 26.72 | 119.74 | 0.50 | 22.87 | 24.65 | 30.88 | 2.17 | 11.50 | 1.36 | 42.00 | 0.58 |
| S11 | 5/22 | SS | 26.72 | 119.74 | 11.00 | 22.55 | 26.66 | 25.88 | 2.28 | 10.77 | 1.44 | 34.30 | 0.19 |
| SX01 | 5/22 | SS | 26.73 | 119.74 | 0.50 | 22.87 | 18.50 | 48.25 | 1.84 | 11.87 | 1.46 | 66.70 | 0.39 |
| SX01 | 5/22 | SS | 26.73 | 119.74 | 28.00 | 22.28 | 22.00 | 33.45 | 2.23 | 13.66 | 1.51 | 46.10 | 0.39 |
| A | 5/23 | SS | 26.61 | 119.75 | 40.00 | 21.68 | 31.31 | 9.52 | 2.25 | 6.74 | 0.91 | 16.90 | 0.30 |
| B | 5/23 | SS | 26.59 | 119.79 | 0.50 | 23.09 | 31.31 | 9.74 | 2.25 | 7.15 | 0.91 | 17.10 | 0.30 |
| B | 5/23 | SS | 26.59 | 119.79 | 25.00 | 21.73 | 31.52 | 9.12 | 2.25 | 6.44 | 0.93 | 16.30 | 0.28 |

| Station | Date | Site | Latitude (°N) | Longitude (°E) | Depth (m) | Temperature (°C) | Salinity (psu) | Nitrate (µM) | Nitrite (µM) | Ammonia (µM) | Phosphate (µM) | Silicate (µM) | Chlorophyll a |
|---------|------|------|------------------|-------------------|--------------|---------------------|-------------------|-----------------|-----------------|-----------------|-------------------|------------------|---------------|
| S22 | 5/23 | SS | 26.57 | 119.83 | 0.50 | 23.09 | 31.74 | 8.83 | 2.22 | 7.18 | 0.91 | 16.10 | 0.30 |
| S21 | 5/23 | SS | 26.59 | 119.83 | 0.50 | 23.09 | 30.88 | 11.71 | 2.37 | 8.58 | 1.20 | 18.50 | 0.41 |
| S21 | 5/23 | SS | 26.59 | 119.83 | 25.60 | 21.91 | 31.10 | 10.58 | 2.33 | 8.58 | 1.04 | 18.50 | 0.28 |
| S14 | 5/23 | SS | 26.63 | 119.84 | 0.50 | 23.09 | 30.78 | 12.71 | 2.22 | 11.64 | 1.54 | 19.60 | 0.25 |
| S14 | 5/23 | SS | 26.63 | 119.84 | 30.00 | 22.05 | 30.99 | 11.91 | 2.28 | 10.42 | 1.25 | 18.90 | 0.25 |
| S13 | 5/23 | SS | 26.64 | 119.80 | 0.50 | 23.09 | 28.96 | 18.13 | 2.47 | 8.16 | 1.28 | 26.70 | 0.25 |
| S13 | 5/23 | SS | 26.64 | 119.80 | 33.00 | 22.66 | 30.24 | 13.78 | 2.48 | 7.82 | 1.19 | 21.00 | 0.25 |
| LJ21 | 5/24 | SS | 26.56 | 119.92 | 0.50 | 22.12 | 31.88 | 2.03 | 0.79 | 4.76 | 0.25 | 11.50 | 2.09 |
| LJ21 | 5/24 | SS | 26.56 | 119.92 | 20.00 | 21.79 | 32.20 | 3.16 | 1.27 | 4.05 | 0.34 | 11.25 | 2.27 |
| ND31 | 5/20 | SS | 26.56 | 120.00 | 7.00 | 21.75 | 31.92 | 4.46 | 1.61 | 3.75 | 0.37 | 11.60 | 0.58 |
| ND34 | 5/20 | SS | 26.44 | 120.27 | 0.50 | 23.39 | 30.98 | 0.93 | 0.08 | 2.59 | 0.0001 | 8.10 | 9.29 |
| S26 | 5/22 | SS | 26.67 | 119.64 | 0.60 | 22.61 | 28.04 | 19.20 | 2.25 | 11.91 | 1.59 | 31.00 | 0.57 |
| A | 5/23 | SS | 26.61 | 119.75 | 0.50 | 21.79 | 30.99 | 11.18 | 2.31 | 7.35 | 1.08 | 18.80 | 0.31 |
| S3 | 5/25 | SS | 26.63 | 119.69 | 0.50 | 22.96 | 30.67 | 17.52 | 2.78 | 6.41 | 1.59 | 21.70 | 0.38 |
| S23 | 5/25 | SS | 26.51 | 119.81 | 0.50 | 22.09 | 31.52 | 8.92 | 2.56 | 5.09 | 0.87 | 16.40 | 0.42 |
| S23 | 5/25 | SS | 26.51 | 119.81 | 60.00 | 22.26 | 31.52 | 8.20 | 2.48 | 4.74 | 0.82 | 16.00 | 0.16 |
| S24 | 5/25 | SS | 26.51 | 119.82 | 0.50 | 22.09 | 31.42 | 9.27 | 2.62 | 4.87 | 0.92 | 16.90 | 0.42 |
| S24 | 5/25 | SS | 26.51 | 119.82 | 60.00 | 22.26 | 31.42 | 8.95 | 2.61 | 4.87 | 0.88 | 16.50 | 0.16 |
| S25 | 5/25 | SS | 26.52 | 119.83 | 0.50 | 22.12 | 31.63 | 7.37 | 2.37 | 4.29 | 0.74 | 14.90 | 0.42 |
| S25 | 5/25 | SS | 26.52 | 119.83 | 66.00 | 23.06 | 31.74 | 6.97 | 2.31 | 3.99 | 0.71 | 14.60 | 0.16 |

2 replicates were collected for each sample in all of the stations in Pingtan area and 3 replicates were collected for each sample in other areas.

Table S2. Classification of generalists, specialists and opportunists and confidence of ASVs assigned to the species level.

| ID | TYPE | Confidence |
|-------|------------|------------|
| ASV1 | Generalist | 0.94 |
| ASV2 | Generalist | 1.00 |
| ASV3 | Generalist | 0.99 |
| ASV4 | Generalist | 1.00 |
| ASV5 | Generalist | 1.00 |
| ASV6 | Generalist | 1.00 |
| ASV7 | Generalist | 0.93 |
| ASV8 | Generalist | 0.86 |
| ASV9 | Generalist | 0.74 |
| ASV10 | Generalist | 0.71 |
| ASV11 | Generalist | 1.00 |
| ASV12 | Generalist | 1.00 |
| ASV13 | Generalist | 0.92 |
| ASV14 | Generalist | 0.99 |
| ASV15 | Generalist | 0.78 |
| ASV16 | Generalist | 0.70 |
| ASV17 | Generalist | 1.00 |
| ASV18 | Generalist | 1.00 |
| ASV19 | Generalist | 1.00 |
| ASV20 | Generalist | 0.84 |
| ASV21 | Generalist | 1.00 |
| ASV22 | Generalist | 1.00 |
| ASV23 | Generalist | 1.00 |
| ASV24 | Generalist | 1.00 |
| ASV25 | Generalist | 0.89 |
| ASV26 | Generalist | 1.00 |
| ASV27 | Generalist | 1.00 |
| ASV28 | Generalist | 1.00 |
| ASV29 | Generalist | 0.76 |
| ASV30 | Generalist | 0.99 |
| ASV31 | Generalist | 0.98 |
| ASV32 | Generalist | 1.00 |
| ASV33 | Generalist | 1.00 |
| ASV34 | Generalist | 0.96 |
| ASV35 | Generalist | 0.99 |
| ASV36 | Generalist | 0.99 |
| ASV37 | Generalist | 0.88 |
| ASV38 | Generalist | 0.98 |
| ASV39 | Generalist | 1.00 |
| ASV40 | Generalist | 0.97 |

| ID | TYPE | Confidence |
|-------|------------|------------|
| ASV41 | Generalist | 0.70 |
| ASV42 | Generalist | 0.97 |
| ASV43 | Generalist | 1.00 |
| ASV44 | Generalist | 1.00 |
| ASV45 | Generalist | 0.80 |
| ASV46 | Generalist | 0.95 |
| ASV47 | Generalist | 0.90 |
| ASV48 | Generalist | 0.81 |
| ASV49 | Generalist | 1.00 |
| ASV50 | Generalist | 0.71 |
| ASV51 | Generalist | 1.00 |
| ASV52 | Generalist | 0.75 |
| ASV53 | Generalist | 1.00 |
| ASV54 | Generalist | 0.95 |
| ASV55 | Generalist | 0.97 |
| ASV57 | Generalist | 1.00 |
| ASV58 | Generalist | 0.87 |
| ASV59 | Generalist | 1.00 |
| ASV60 | Generalist | 0.96 |
| ASV61 | Generalist | 1.00 |
| ASV62 | Generalist | 0.75 |
| ASV63 | Generalist | 1.00 |
| ASV64 | Generalist | 1.00 |
| ASV65 | Generalist | 1.00 |
| ASV66 | Generalist | 1.00 |
| ASV67 | Generalist | 0.99 |
| ASV68 | Generalist | 1.00 |
| ASV69 | Generalist | 1.00 |
| ASV70 | Generalist | 0.72 |
| ASV71 | Generalist | 1.00 |
| ASV72 | Generalist | 0.87 |
| ASV73 | Generalist | 0.87 |
| ASV74 | Generalist | 1.00 |
| ASV75 | Generalist | 0.83 |
| ASV76 | Generalist | 1.00 |
| ASV78 | Generalist | 1.00 |
| ASV79 | Generalist | 1.00 |
| ASV80 | Generalist | 0.82 |
| ASV81 | Generalist | 1.00 |
| ASV82 | Generalist | 0.99 |
| ASV83 | Generalist | 0.86 |
| ASV84 | Generalist | 0.83 |

| ID | TYPE | Confidence |
|--------|-------------|------------|
| ASV85 | Generalist | 1.00 |
| ASV86 | Generalist | 1.00 |
| ASV87 | Generalist | 0.97 |
| ASV88 | Generalist | 0.85 |
| ASV89 | Opportunist | 0.99 |
| ASV90 | Generalist | 0.85 |
| ASV91 | Generalist | 1.00 |
| ASV92 | Generalist | 1.00 |
| ASV93 | Generalist | 0.72 |
| ASV94 | Generalist | 0.99 |
| ASV95 | Generalist | 0.94 |
| ASV96 | Generalist | 1.00 |
| ASV97 | Generalist | 1.00 |
| ASV98 | Generalist | 1.00 |
| ASV99 | Generalist | 0.99 |
| ASV100 | Generalist | 1.00 |
| ASV101 | Generalist | 1.00 |
| ASV102 | Generalist | 1.00 |
| ASV103 | Generalist | 0.90 |
| ASV104 | Generalist | 0.89 |
| ASV105 | Opportunist | 1.00 |
| ASV106 | Generalist | 1.00 |
| ASV107 | Generalist | 0.77 |
| ASV108 | Generalist | 0.88 |
| ASV109 | Generalist | 1.00 |
| ASV110 | Opportunist | 0.95 |
| ASV111 | Generalist | 0.99 |
| ASV112 | Generalist | 1.00 |
| ASV113 | Generalist | 0.87 |
| ASV114 | Generalist | 0.97 |
| ASV115 | Generalist | 0.99 |
| ASV116 | Generalist | 1.00 |
| ASV117 | Generalist | 0.73 |
| ASV118 | Generalist | 1.00 |
| ASV119 | Generalist | 0.94 |
| ASV120 | Opportunist | 1.00 |
| ASV121 | Generalist | 1.00 |
| ASV122 | Generalist | 1.00 |
| ASV123 | Opportunist | 0.71 |
| ASV124 | Generalist | 0.99 |
| ASV125 | Generalist | 0.90 |
| ASV126 | Generalist | 1.00 |

| ID | TYPE | Confidence |
|--------|-------------|------------|
| ASV127 | Generalist | 1.00 |
| ASV128 | Generalist | 0.98 |
| ASV129 | Generalist | 0.90 |
| ASV130 | Generalist | 1.00 |
| ASV131 | Generalist | 0.71 |
| ASV132 | Opportunist | 0.97 |
| ASV133 | Generalist | 0.93 |
| ASV134 | Generalist | 0.99 |
| ASV135 | Generalist | 0.84 |
| ASV136 | Generalist | 0.76 |
| ASV137 | Generalist | 1.00 |
| ASV138 | Generalist | 1.00 |
| ASV139 | Generalist | 1.00 |
| ASV140 | Generalist | 0.71 |
| ASV141 | Generalist | 0.97 |
| ASV142 | Generalist | 1.00 |
| ASV143 | Generalist | 1.00 |
| ASV144 | Generalist | 0.99 |
| ASV145 | Generalist | 0.99 |
| ASV146 | Generalist | 0.96 |
| ASV147 | Generalist | 1.00 |
| ASV148 | Generalist | 0.99 |
| ASV149 | Opportunist | 0.99 |
| ASV150 | Generalist | 0.84 |
| ASV151 | Generalist | 1.00 |
| ASV152 | Generalist | 0.93 |
| ASV153 | Generalist | 1.00 |
| ASV154 | Specialist | 0.70 |
| ASV155 | Generalist | 0.94 |
| ASV156 | Opportunist | 1.00 |
| ASV157 | Generalist | 1.00 |
| ASV158 | Specialist | 1.00 |
| ASV159 | Generalist | 0.92 |
| ASV161 | Generalist | 0.93 |
| ASV162 | Generalist | 0.71 |
| ASV163 | Generalist | 0.99 |
| ASV164 | Generalist | 0.77 |
| ASV165 | Generalist | 1.00 |
| ASV166 | Opportunist | 1.00 |
| ASV167 | Opportunist | 1.00 |
| ASV168 | Generalist | 0.95 |
| ASV169 | Generalist | 1.00 |

| ID | TYPE | Confidence |
|--------|-------------|------------|
| ASV170 | Specialist | 1.00 |
| ASV171 | Generalist | 1.00 |
| ASV172 | Generalist | 0.93 |
| ASV173 | Generalist | 0.87 |
| ASV174 | Generalist | 1.00 |
| ASV175 | Generalist | 0.88 |
| ASV176 | Generalist | 0.99 |
| ASV177 | Opportunist | 1.00 |
| ASV178 | Specialist | 0.85 |
| ASV179 | Opportunist | 1.00 |
| ASV180 | Generalist | 1.00 |
| ASV181 | Generalist | 0.99 |
| ASV182 | Opportunist | 1.00 |
| ASV183 | Generalist | 1.00 |
| ASV184 | Opportunist | 1.00 |
| ASV185 | Specialist | 1.00 |
| ASV186 | Generalist | 1.00 |
| ASV187 | Opportunist | 0.98 |
| ASV189 | Generalist | 0.74 |
| ASV190 | Generalist | 1.00 |
| ASV191 | Generalist | 1.00 |
| ASV192 | Generalist | 1.00 |
| ASV193 | Generalist | 1.00 |
| ASV194 | Generalist | 1.00 |
| ASV195 | Generalist | 1.00 |
| ASV196 | Generalist | 1.00 |
| ASV197 | Generalist | 1.00 |
| ASV198 | Generalist | 0.76 |
| ASV199 | Opportunist | 1.00 |
| ASV200 | Generalist | 0.96 |
| ASV201 | Generalist | 0.75 |
| ASV202 | Generalist | 0.78 |
| ASV203 | Generalist | 0.98 |
| ASV204 | Generalist | 1.00 |
| ASV205 | Opportunist | 0.97 |
| ASV206 | Generalist | 1.00 |
| ASV207 | Generalist | 0.96 |
| ASV208 | Generalist | 1.00 |
| ASV209 | Generalist | 0.94 |
| ASV210 | Generalist | 0.91 |
| ASV211 | Generalist | 1.00 |
| ASV212 | Specialist | 0.99 |

| ID | TYPE | Confidence |
|--------|-------------|------------|
| ASV214 | Specialist | 0.92 |
| ASV215 | Generalist | 1.00 |
| ASV217 | Opportunist | 0.81 |
| ASV218 | Generalist | 1.00 |
| ASV219 | Opportunist | 0.88 |
| ASV220 | Generalist | 0.97 |
| ASV221 | Specialist | 1.00 |
| ASV222 | Generalist | 1.00 |
| ASV223 | Generalist | 0.90 |
| ASV224 | Generalist | 1.00 |
| ASV225 | Specialist | 1.00 |
| ASV226 | Opportunist | 0.78 |
| ASV227 | Generalist | 0.93 |
| ASV228 | Specialist | 1.00 |
| ASV229 | Generalist | 0.99 |
| ASV230 | Opportunist | 1.00 |
| ASV231 | Generalist | 1.00 |
| ASV232 | Opportunist | 1.00 |
| ASV233 | Generalist | 1.00 |
| ASV234 | Generalist | 1.00 |
| ASV235 | Generalist | 0.75 |
| ASV236 | Opportunist | 0.91 |
| ASV237 | Opportunist | 1.00 |
| ASV238 | Opportunist | 1.00 |
| ASV239 | Specialist | 0.80 |
| ASV240 | Generalist | 0.81 |
| ASV241 | Specialist | 0.97 |
| ASV242 | Generalist | 0.98 |
| ASV243 | Specialist | 1.00 |
| ASV244 | Generalist | 1.00 |
| ASV245 | Generalist | 1.00 |
| ASV246 | Generalist | 1.00 |
| ASV247 | Generalist | 1.00 |
| ASV248 | Opportunist | 0.92 |
| ASV249 | Generalist | 0.98 |
| ASV250 | Generalist | 0.96 |
| ASV251 | Generalist | 1.00 |
| ASV252 | Specialist | 1.00 |
| ASV253 | Specialist | 1.00 |
| ASV254 | Generalist | 1.00 |
| ASV255 | Generalist | 1.00 |
| ASV256 | Specialist | 1.00 |

| ID | TYPE | Confidence |
|--------|-------------|------------|
| ASV257 | Opportunist | 0.79 |
| ASV258 | Generalist | 0.93 |
| ASV259 | Specialist | 0.70 |
| ASV260 | Specialist | 1.00 |
| ASV261 | Specialist | 1.00 |
| ASV262 | Generalist | 1.00 |
| ASV263 | Generalist | 1.00 |
| ASV264 | Opportunist | 0.76 |
| ASV265 | Generalist | 1.00 |
| ASV266 | Generalist | 1.00 |
| ASV267 | Generalist | 1.00 |
| ASV268 | Generalist | 1.00 |
| ASV269 | Generalist | 0.97 |
| ASV270 | Generalist | 1.00 |
| ASV272 | Generalist | 1.00 |
| ASV273 | Specialist | 1.00 |
| ASV274 | Generalist | 1.00 |
| ASV275 | Specialist | 0.73 |
| ASV276 | Opportunist | 0.75 |
| ASV277 | Generalist | 1.00 |
| ASV278 | Generalist | 0.98 |
| ASV279 | Generalist | 1.00 |
| ASV280 | Generalist | 1.00 |
| ASV281 | Opportunist | 1.00 |
| ASV282 | Generalist | 0.93 |
| ASV283 | Generalist | 0.99 |
| ASV284 | Opportunist | 1.00 |
| ASV285 | Generalist | 1.00 |
| ASV286 | Specialist | 1.00 |
| ASV287 | Generalist | 0.80 |
| ASV289 | Specialist | 1.00 |
| ASV290 | Generalist | 1.00 |
| ASV291 | Generalist | 1.00 |
| ASV292 | Generalist | 1.00 |
| ASV293 | Specialist | 0.91 |
| ASV294 | Generalist | 1.00 |
| ASV295 | Generalist | 0.98 |
| ASV296 | Generalist | 1.00 |
| ASV297 | Opportunist | 1.00 |
| ASV298 | Opportunist | 1.00 |
| ASV299 | Opportunist | 1.00 |
| ASV300 | Generalist | 1.00 |

| ID | TYPE | Confidence |
|--------|-------------|------------|
| ASV301 | Generalist | 1.00 |
| ASV302 | Generalist | 1.00 |
| ASV303 | Specialist | 0.81 |
| ASV304 | Generalist | 1.00 |
| ASV305 | Opportunist | 1.00 |
| ASV306 | Generalist | 0.95 |
| ASV307 | Generalist | 1.00 |
| ASV308 | Specialist | 1.00 |
| ASV309 | Generalist | 0.90 |
| ASV311 | Generalist | 0.97 |
| ASV313 | Generalist | 0.87 |
| ASV314 | Opportunist | 0.73 |
| ASV315 | Generalist | 0.74 |
| ASV316 | Generalist | 1.00 |
| ASV317 | Generalist | 0.76 |
| ASV318 | Generalist | 0.87 |
| ASV319 | Generalist | 1.00 |
| ASV320 | Specialist | 1.00 |
| ASV321 | Generalist | 1.00 |
| ASV322 | Generalist | 1.00 |
| ASV323 | Specialist | 0.91 |
| ASV324 | Opportunist | 1.00 |
| ASV325 | Generalist | 0.99 |
| ASV326 | Generalist | 0.97 |
| ASV327 | Generalist | 1.00 |
| ASV328 | Generalist | 1.00 |
| ASV329 | Generalist | 0.83 |
| ASV331 | Generalist | 1.00 |
| ASV332 | Opportunist | 1.00 |
| ASV333 | Opportunist | 1.00 |
| ASV334 | Opportunist | 1.00 |
| ASV335 | Generalist | 0.99 |
| ASV336 | Generalist | 1.00 |
| ASV337 | Specialist | 0.83 |
| ASV339 | Specialist | 1.00 |
| ASV340 | Specialist | 0.80 |
| ASV341 | Specialist | 0.99 |
| ASV342 | Opportunist | 0.89 |
| ASV343 | Generalist | 1.00 |
| ASV344 | Generalist | 0.94 |
| ASV345 | Specialist | 1.00 |
| ASV346 | Specialist | 1.00 |

| ID | TYPE | Confidence |
|--------|-------------|------------|
| ASV347 | Generalist | 0.98 |
| ASV348 | Generalist | 1.00 |
| ASV349 | Specialist | 0.91 |
| ASV350 | Generalist | 1.00 |
| ASV351 | Generalist | 0.76 |
| ASV352 | Opportunist | 0.98 |
| ASV353 | Generalist | 1.00 |
| ASV354 | Generalist | 0.73 |
| ASV355 | Opportunist | 0.88 |
| ASV356 | Specialist | 1.00 |
| ASV357 | Generalist | 0.98 |
| ASV358 | Specialist | 0.86 |
| ASV359 | Generalist | 1.00 |
| ASV360 | Opportunist | 0.74 |
| ASV361 | Specialist | 0.73 |
| ASV362 | Generalist | 0.94 |
| ASV363 | Specialist | 1.00 |
| ASV364 | Specialist | 0.97 |
| ASV365 | Generalist | 1.00 |
| ASV366 | Specialist | 0.95 |
| ASV367 | Generalist | 1.00 |
| ASV368 | Generalist | 0.98 |
| ASV369 | Opportunist | 1.00 |
| ASV370 | Generalist | 1.00 |
| ASV371 | Generalist | 1.00 |
| ASV372 | Specialist | 1.00 |
| ASV373 | Specialist | 0.74 |
| ASV375 | Opportunist | 1.00 |
| ASV376 | Opportunist | 1.00 |
| ASV377 | Specialist | 0.97 |
| ASV378 | Specialist | 0.91 |
| ASV379 | Opportunist | 1.00 |
| ASV380 | Generalist | 0.71 |
| ASV381 | Generalist | 1.00 |
| ASV382 | Generalist | 1.00 |
| ASV383 | Specialist | 0.99 |
| ASV384 | Generalist | 1.00 |
| ASV385 | Generalist | 1.00 |
| ASV386 | Opportunist | 1.00 |
| ASV387 | Generalist | 0.99 |
| ASV388 | Specialist | 1.00 |
| ASV389 | Specialist | 1.00 |

| ID | TYPE | Confidence |
|--------|-------------|------------|
| ASV390 | Generalist | 1.00 |
| ASV391 | Generalist | 1.00 |
| ASV392 | Specialist | 1.00 |
| ASV393 | Specialist | 1.00 |
| ASV394 | Specialist | 0.97 |
| ASV395 | Generalist | 1.00 |
| ASV396 | Specialist | 1.00 |
| ASV397 | Specialist | 1.00 |
| ASV399 | Generalist | 0.84 |
| ASV401 | Specialist | 1.00 |
| ASV402 | Specialist | 1.00 |
| ASV403 | Specialist | 0.98 |
| ASV404 | Specialist | 0.80 |
| ASV405 | Opportunist | 1.00 |
| ASV406 | Opportunist | 0.93 |
| ASV407 | Specialist | 1.00 |
| ASV408 | Generalist | 1.00 |
| ASV409 | Generalist | 1.00 |
| ASV410 | Specialist | 0.80 |
| ASV411 | Generalist | 0.96 |
| ASV412 | Generalist | 1.00 |
| ASV413 | Generalist | 0.97 |
| ASV414 | Generalist | 0.78 |
| ASV415 | Specialist | 1.00 |
| ASV416 | Generalist | 1.00 |
| ASV417 | Specialist | 0.95 |
| ASV418 | Opportunist | 0.70 |
| ASV419 | Specialist | 1.00 |
| ASV420 | Specialist | 0.98 |
| ASV421 | Generalist | 1.00 |
| ASV422 | Specialist | 1.00 |
| ASV423 | Specialist | 1.00 |
| ASV424 | Generalist | 0.95 |
| ASV425 | Generalist | 1.00 |
| ASV426 | Opportunist | 0.99 |
| ASV427 | Specialist | 1.00 |
| ASV428 | Generalist | 0.99 |
| ASV429 | Generalist | 1.00 |
| ASV430 | Opportunist | 1.00 |
| ASV431 | Generalist | 0.87 |
| ASV432 | Opportunist | 1.00 |
| ASV433 | Generalist | 1.00 |

| ID | TYPE | Confidence |
|--------|-------------|------------|
| ASV434 | Specialist | 0.98 |
| ASV435 | Generalist | 1.00 |
| ASV436 | Generalist | 1.00 |
| ASV437 | Generalist | 0.99 |
| ASV438 | Opportunist | 0.71 |
| ASV439 | Generalist | 1.00 |
| ASV440 | Specialist | 1.00 |
| ASV441 | Opportunist | 0.72 |
| ASV442 | Specialist | 1.00 |
| ASV443 | Opportunist | 1.00 |
| ASV444 | Specialist | 1.00 |
| ASV445 | Specialist | 1.00 |
| ASV446 | Specialist | 1.00 |
| ASV447 | Specialist | 0.99 |
| ASV448 | Specialist | 0.77 |
| ASV449 | Specialist | 0.93 |
| ASV450 | Generalist | 1.00 |
| ASV451 | Specialist | 0.93 |
| ASV452 | Generalist | 0.99 |
| ASV453 | Generalist | 0.97 |
| ASV455 | Generalist | 0.94 |
| ASV456 | Opportunist | 1.00 |
| ASV457 | Opportunist | 1.00 |
| ASV458 | Generalist | 1.00 |
| ASV459 | Generalist | 1.00 |
| ASV460 | Specialist | 1.00 |
| ASV461 | Generalist | 1.00 |
| ASV462 | Specialist | 0.97 |
| ASV463 | Opportunist | 0.81 |
| ASV464 | Generalist | 1.00 |
| ASV465 | Generalist | 0.78 |
| ASV467 | Opportunist | 1.00 |
| ASV468 | Opportunist | 1.00 |
| ASV469 | Opportunist | 0.90 |
| ASV470 | Generalist | 1.00 |
| ASV471 | Generalist | 1.00 |
| ASV472 | Opportunist | 1.00 |
| ASV473 | Generalist | 1.00 |
| ASV474 | Specialist | 0.99 |
| ASV476 | Specialist | 1.00 |
| ASV477 | Generalist | 1.00 |
| ASV478 | Opportunist | 1.00 |

| ID | TYPE | Confidence |
|--------|-------------|------------|
| ASV480 | Specialist | 0.91 |
| ASV481 | Opportunist | 0.74 |
| ASV482 | Generalist | 0.91 |
| ASV483 | Opportunist | 1.00 |
| ASV484 | Generalist | 1.00 |
| ASV485 | Specialist | 1.00 |
| ASV486 | Specialist | 1.00 |
| ASV487 | Generalist | 1.00 |
| ASV488 | Specialist | 0.75 |
| ASV489 | Opportunist | 0.90 |
| ASV490 | Specialist | 1.00 |
| ASV491 | Specialist | 0.99 |
| ASV492 | Generalist | 0.86 |
| ASV493 | Specialist | 1.00 |
| ASV494 | Opportunist | 0.74 |
| ASV495 | Generalist | 1.00 |
| ASV496 | Specialist | 0.76 |
| ASV497 | Specialist | 1.00 |
| ASV498 | Specialist | 1.00 |
| ASV499 | Specialist | 1.00 |
| ASV500 | Opportunist | 1.00 |
| ASV501 | Generalist | 0.97 |
| ASV502 | Specialist | 0.75 |
| ASV504 | Specialist | 1.00 |
| ASV506 | Opportunist | 1.00 |
| ASV507 | Specialist | 1.00 |
| ASV508 | Opportunist | 1.00 |
| ASV509 | Generalist | 0.71 |
| ASV510 | Specialist | 0.77 |
| ASV511 | Opportunist | 1.00 |
| ASV512 | Generalist | 0.89 |
| ASV513 | Specialist | 1.00 |
| ASV514 | Generalist | 1.00 |
| ASV515 | Generalist | 1.00 |
| ASV516 | Generalist | 1.00 |
| ASV517 | Specialist | 1.00 |
| ASV518 | Opportunist | 0.99 |
| ASV519 | Opportunist | 0.79 |
| ASV520 | Specialist | 0.72 |
| ASV521 | Specialist | 1.00 |
| ASV522 | Specialist | 0.74 |
| ASV523 | Specialist | 1.00 |

| ID | TYPE | Confidence |
|--------|-------------|------------|
| ASV525 | Specialist | 0.87 |
| ASV526 | Generalist | 0.93 |
| ASV527 | Specialist | 0.96 |
| ASV528 | Generalist | 0.99 |
| ASV529 | Specialist | 0.96 |
| ASV530 | Opportunist | 0.93 |
| ASV531 | Specialist | 0.76 |
| ASV532 | Specialist | 1.00 |
| ASV533 | Specialist | 0.91 |
| ASV534 | Specialist | 0.99 |
| ASV535 | Specialist | 0.98 |
| ASV536 | Opportunist | 1.00 |
| ASV537 | Opportunist | 1.00 |
| ASV538 | Generalist | 1.00 |
| ASV539 | Specialist | 1.00 |
| ASV540 | Specialist | 0.99 |
| ASV541 | Specialist | 0.97 |
| ASV542 | Generalist | 1.00 |
| ASV544 | Opportunist | 1.00 |
| ASV545 | Specialist | 1.00 |
| ASV546 | Specialist | 1.00 |
| ASV548 | Specialist | 0.82 |
| ASV549 | Opportunist | 1.00 |
| ASV550 | Specialist | 0.94 |
| ASV551 | Specialist | 1.00 |
| ASV552 | Specialist | 1.00 |
| ASV553 | Opportunist | 1.00 |
| ASV554 | Specialist | 1.00 |
| ASV555 | Specialist | 1.00 |
| ASV556 | Opportunist | 1.00 |
| ASV557 | Generalist | 1.00 |
| ASV558 | Specialist | 1.00 |
| ASV559 | Generalist | 1.00 |
| ASV560 | Generalist | 1.00 |
| ASV561 | Opportunist | 1.00 |
| ASV562 | Specialist | 0.95 |
| ASV563 | Generalist | 1.00 |
| ASV564 | Generalist | 1.00 |
| ASV565 | Specialist | 1.00 |
| ASV566 | Opportunist | 0.79 |
| ASV567 | Specialist | 1.00 |
| ASV568 | Specialist | 0.88 |

| ID | TYPE | Confidence |
|--------|-------------|------------|
| ASV569 | Opportunist | 1.00 |
| ASV570 | Generalist | 1.00 |
| ASV571 | Specialist | 1.00 |
| ASV572 | Specialist | 0.99 |
| ASV573 | Generalist | 1.00 |
| ASV574 | Specialist | 0.87 |
| ASV575 | Specialist | 0.96 |
| ASV576 | Opportunist | 0.88 |
| ASV577 | Specialist | 0.78 |
| ASV578 | Opportunist | 0.99 |
| ASV579 | Specialist | 0.84 |
| ASV580 | Specialist | 0.97 |
| ASV581 | Specialist | 1.00 |
| ASV582 | Specialist | 1.00 |
| ASV583 | Specialist | 1.00 |
| ASV584 | Specialist | 0.71 |
| ASV585 | Generalist | 1.00 |
| ASV586 | Specialist | 0.96 |
| ASV587 | Specialist | 0.96 |
| ASV588 | Generalist | 0.79 |
| ASV589 | Specialist | 1.00 |
| ASV590 | Specialist | 1.00 |
| ASV591 | Generalist | 1.00 |
| ASV592 | Specialist | 1.00 |
| ASV593 | Specialist | 0.88 |
| ASV594 | Specialist | 1.00 |
| ASV595 | Opportunist | 1.00 |
| ASV596 | Specialist | 0.96 |
| ASV597 | Opportunist | 0.89 |
| ASV598 | Opportunist | 1.00 |
| ASV599 | Generalist | 1.00 |
| ASV600 | Specialist | 0.95 |
| ASV601 | Specialist | 0.75 |
| ASV602 | Generalist | 0.74 |
| ASV603 | Specialist | 0.76 |
| ASV604 | Generalist | 0.84 |
| ASV605 | Specialist | 1.00 |
| ASV606 | Opportunist | 1.00 |
| ASV607 | Generalist | 1.00 |
| ASV608 | Opportunist | 1.00 |
| ASV609 | Specialist | 0.73 |
| ASV610 | Specialist | 0.83 |

| ID | TYPE | Confidence |
|--------|-------------|------------|
| ASV612 | Specialist | 1.00 |
| ASV613 | Opportunist | 0.76 |
| ASV614 | Specialist | 0.76 |
| ASV615 | Generalist | 1.00 |
| ASV616 | Specialist | 0.99 |
| ASV617 | Specialist | 0.87 |
| ASV619 | Specialist | 0.99 |
| ASV620 | Specialist | 0.88 |
| ASV621 | Specialist | 0.73 |
| ASV622 | Opportunist | 0.97 |
| ASV623 | Generalist | 1.00 |
| ASV624 | Opportunist | 0.80 |
| ASV625 | Specialist | 0.96 |
| ASV626 | Specialist | 1.00 |
| ASV627 | Opportunist | 1.00 |
| ASV628 | Opportunist | 1.00 |
| ASV629 | Opportunist | 0.94 |
| ASV630 | Generalist | 1.00 |
| ASV631 | Opportunist | 1.00 |
| ASV632 | Specialist | 0.89 |
| ASV633 | Generalist | 1.00 |
| ASV635 | Specialist | 1.00 |
| ASV636 | Generalist | 0.96 |
| ASV637 | Specialist | 1.00 |
| ASV638 | Generalist | 1.00 |
| ASV639 | Specialist | 1.00 |
| ASV640 | Generalist | 1.00 |
| ASV641 | Generalist | 0.75 |
| ASV642 | Generalist | 1.00 |
| ASV643 | Specialist | 1.00 |
| ASV644 | Specialist | 0.97 |
| ASV645 | Specialist | 0.86 |
| ASV646 | Specialist | 0.79 |
| ASV647 | Specialist | 1.00 |
| ASV648 | Specialist | 0.99 |
| ASV649 | Opportunist | 0.99 |
| ASV650 | Generalist | 1.00 |
| ASV651 | Specialist | 1.00 |
| ASV652 | Opportunist | 0.99 |
| ASV653 | Generalist | 1.00 |
| ASV654 | Generalist | 1.00 |
| ASV655 | Specialist | 0.92 |

| ID | TYPE | Confidence |
|--------|-------------|------------|
| ASV656 | Opportunist | 1.00 |
| ASV657 | Specialist | 0.96 |
| ASV658 | Opportunist | 0.95 |
| ASV659 | Opportunist | 0.99 |
| ASV660 | Specialist | 1.00 |
| ASV661 | Specialist | 1.00 |
| ASV662 | Specialist | 1.00 |
| ASV663 | Generalist | 0.78 |
| ASV664 | Specialist | 0.98 |
| ASV665 | Generalist | 0.80 |
| ASV666 | Specialist | 1.00 |
| ASV667 | Specialist | 0.83 |
| ASV668 | Generalist | 1.00 |
| ASV669 | Specialist | 0.98 |
| ASV670 | Opportunist | 1.00 |
| ASV671 | Specialist | 0.98 |
| ASV672 | Opportunist | 0.99 |
| ASV673 | Generalist | 1.00 |
| ASV674 | Specialist | 0.89 |
| ASV675 | Generalist | 1.00 |
| ASV676 | Specialist | 1.00 |
| ASV677 | Specialist | 0.88 |
| ASV678 | Specialist | 0.94 |
| ASV679 | Specialist | 0.95 |
| ASV680 | Specialist | 0.94 |
| ASV682 | Specialist | 1.00 |
| ASV683 | Specialist | 1.00 |
| ASV684 | Opportunist | 0.99 |
| ASV685 | Specialist | 1.00 |
| ASV686 | Opportunist | 0.99 |
| ASV687 | Opportunist | 1.00 |
| ASV688 | Specialist | 1.00 |
| ASV689 | Generalist | 0.89 |
| ASV690 | Specialist | 1.00 |
| ASV691 | Opportunist | 0.97 |
| ASV692 | Specialist | 1.00 |
| ASV693 | Opportunist | 1.00 |
| ASV694 | Specialist | 0.75 |
| ASV695 | Specialist | 0.96 |
| ASV696 | Opportunist | 1.00 |
| ASV698 | Specialist | 1.00 |
| ASV699 | Specialist | 1.00 |

| ID | TYPE | Confidence |
|--------|-------------|------------|
| ASV700 | Generalist | 0.99 |
| ASV701 | Generalist | 1.00 |
| ASV702 | Specialist | 1.00 |
| ASV703 | Specialist | 1.00 |
| ASV704 | Generalist | 0.99 |
| ASV705 | Generalist | 0.99 |
| ASV706 | Specialist | 0.86 |
| ASV707 | Generalist | 1.00 |
| ASV708 | Specialist | 0.90 |
| ASV709 | Generalist | 1.00 |
| ASV710 | Opportunist | 1.00 |
| ASV711 | Opportunist | 1.00 |
| ASV713 | Specialist | 0.73 |
| ASV714 | Specialist | 1.00 |
| ASV715 | Opportunist | 1.00 |
| ASV716 | Opportunist | 0.86 |
| ASV717 | Specialist | 1.00 |
| ASV718 | Specialist | 0.76 |
| ASV719 | Specialist | 0.99 |
| ASV720 | Specialist | 0.99 |
| ASV721 | Generalist | 1.00 |
| ASV722 | Generalist | 0.77 |
| ASV723 | Opportunist | 1.00 |
| ASV724 | Generalist | 0.84 |
| ASV725 | Generalist | 0.88 |
| ASV726 | Specialist | 0.86 |
| ASV727 | Specialist | 0.77 |
| ASV728 | Specialist | 0.83 |
| ASV729 | Specialist | 0.92 |
| ASV730 | Specialist | 1.00 |
| ASV731 | Specialist | 1.00 |
| ASV732 | Opportunist | 0.96 |
| ASV733 | Specialist | 1.00 |
| ASV734 | Specialist | 0.93 |
| ASV735 | Specialist | 0.89 |
| ASV736 | Specialist | 0.90 |
| ASV737 | Opportunist | 1.00 |
| ASV738 | Opportunist | 0.97 |
| ASV739 | Specialist | 1.00 |
| ASV740 | Opportunist | 0.99 |
| ASV741 | Specialist | 1.00 |
| ASV742 | Generalist | 1.00 |

| ID | TYPE | Confidence |
|--------|-------------|------------|
| ASV743 | Generalist | 0.90 |
| ASV744 | Specialist | 1.00 |
| ASV745 | Specialist | 1.00 |
| ASV746 | Specialist | 1.00 |
| ASV747 | Opportunist | 1.00 |
| ASV748 | Specialist | 1.00 |
| ASV749 | Specialist | 0.97 |
| ASV750 | Opportunist | 1.00 |
| ASV751 | Opportunist | 1.00 |
| ASV753 | Opportunist | 0.72 |
| ASV754 | Specialist | 0.82 |
| ASV755 | Specialist | 1.00 |
| ASV756 | Generalist | 1.00 |
| ASV757 | Generalist | 1.00 |
| ASV758 | Opportunist | 1.00 |
| ASV759 | Specialist | 1.00 |
| ASV760 | Specialist | 1.00 |
| ASV761 | Specialist | 0.90 |
| ASV762 | Opportunist | 1.00 |
| ASV763 | Specialist | 0.81 |
| ASV764 | Specialist | 1.00 |
| ASV765 | Generalist | 0.92 |
| ASV766 | Specialist | 0.87 |
| ASV767 | Specialist | 1.00 |
| ASV768 | Specialist | 1.00 |
| ASV769 | Specialist | 1.00 |
| ASV770 | Specialist | 1.00 |
| ASV771 | Specialist | 1.00 |
| ASV772 | Opportunist | 1.00 |
| ASV773 | Opportunist | 1.00 |
| ASV774 | Specialist | 0.95 |
| ASV775 | Specialist | 0.72 |
| ASV776 | Specialist | 1.00 |
| ASV777 | Specialist | 0.98 |
| ASV778 | Specialist | 1.00 |
| ASV779 | Specialist | 1.00 |
| ASV780 | Generalist | 1.00 |
| ASV781 | Specialist | 0.93 |
| ASV782 | Opportunist | 0.79 |
| ASV783 | Opportunist | 1.00 |
| ASV784 | Specialist | 1.00 |
| ASV785 | Specialist | 1.00 |

| ID | TYPE | Confidence |
|--------|-------------|------------|
| ASV786 | Specialist | 0.99 |
| ASV787 | Generalist | 0.99 |
| ASV788 | Specialist | 1.00 |
| ASV789 | Specialist | 1.00 |
| ASV790 | Specialist | 0.93 |
| ASV791 | Specialist | 1.00 |
| ASV792 | Specialist | 0.99 |
| ASV793 | Specialist | 1.00 |
| ASV794 | Specialist | 1.00 |
| ASV795 | Opportunist | 1.00 |
| ASV796 | Generalist | 0.91 |
| ASV797 | Specialist | 0.99 |
| ASV798 | Specialist | 0.92 |
| ASV799 | Specialist | 1.00 |
| ASV800 | Specialist | 0.98 |
| ASV801 | Generalist | 0.98 |
| ASV802 | Generalist | 1.00 |
| ASV803 | Generalist | 1.00 |
| ASV804 | Opportunist | 1.00 |
| ASV805 | Opportunist | 1.00 |
| ASV806 | Generalist | 1.00 |
| ASV807 | Generalist | 1.00 |
| ASV808 | Specialist | 0.84 |
| ASV809 | Specialist | 1.00 |
| ASV810 | Generalist | 0.98 |
| ASV811 | Specialist | 0.97 |
| ASV812 | Specialist | 0.98 |
| ASV813 | Specialist | 0.82 |
| ASV814 | Specialist | 1.00 |
| ASV815 | Specialist | 0.99 |
| ASV816 | Specialist | 0.74 |
| ASV817 | Specialist | 1.00 |
| ASV818 | Generalist | 0.72 |
| ASV819 | Generalist | 0.93 |
| ASV820 | Specialist | 1.00 |
| ASV821 | Specialist | 1.00 |
| ASV822 | Specialist | 1.00 |
| ASV823 | Specialist | 0.98 |
| ASV824 | Specialist | 1.00 |
| ASV825 | Specialist | 1.00 |
| ASV826 | Specialist | 1.00 |
| ASV827 | Opportunist | 1.00 |

| ID | TYPE | Confidence |
|--------|-------------|------------|
| ASV828 | Generalist | 1.00 |
| ASV829 | Specialist | 0.77 |
| ASV830 | Specialist | 0.86 |
| ASV831 | Specialist | 1.00 |
| ASV832 | Specialist | 1.00 |
| ASV833 | Specialist | 0.91 |
| ASV834 | Specialist | 0.88 |
| ASV835 | Specialist | 0.97 |
| ASV836 | Specialist | 1.00 |
| ASV837 | Specialist | 0.96 |
| ASV838 | Specialist | 1.00 |
| ASV839 | Specialist | 1.00 |
| ASV840 | Specialist | 1.00 |
| ASV841 | Specialist | 1.00 |
| ASV842 | Specialist | 1.00 |
| ASV843 | Specialist | 0.86 |
| ASV844 | Specialist | 1.00 |
| ASV845 | Opportunist | 1.00 |
| ASV847 | Specialist | 1.00 |
| ASV848 | Opportunist | 1.00 |
| ASV849 | Opportunist | 1.00 |
| ASV850 | Specialist | 1.00 |
| ASV851 | Specialist | 1.00 |
| ASV852 | Opportunist | 1.00 |
| ASV853 | Specialist | 0.91 |
| ASV854 | Specialist | 1.00 |
| ASV855 | Opportunist | 0.96 |
| ASV856 | Opportunist | 0.81 |
| ASV857 | Specialist | 1.00 |
| ASV858 | Specialist | 0.83 |
| ASV859 | Specialist | 1.00 |
| ASV860 | Specialist | 1.00 |
| ASV861 | Specialist | 1.00 |
| ASV862 | Specialist | 0.89 |
| ASV863 | Specialist | 0.95 |
| ASV864 | Specialist | 1.00 |
| ASV865 | Opportunist | 1.00 |
| ASV866 | Opportunist | 0.95 |
| ASV867 | Generalist | 0.76 |
| ASV868 | Specialist | 1.00 |
| ASV869 | Specialist | 1.00 |
| ASV870 | Opportunist | 1.00 |

| ID | TYPE | Confidence |
|--------|-------------|------------|
| ASV871 | Specialist | 0.98 |
| ASV872 | Opportunist | 1.00 |
| ASV873 | Opportunist | 1.00 |
| ASV875 | Specialist | 1.00 |
| ASV876 | Specialist | 1.00 |
| ASV877 | Specialist | 1.00 |
| ASV878 | Opportunist | 0.99 |
| ASV879 | Specialist | 1.00 |
| ASV880 | Specialist | 0.96 |
| ASV881 | Specialist | 1.00 |
| ASV882 | Specialist | 1.00 |
| ASV883 | Specialist | 0.99 |
| ASV884 | Specialist | 1.00 |
| ASV885 | Specialist | 1.00 |
| ASV886 | Opportunist | 1.00 |
| ASV888 | Specialist | 0.89 |
| ASV889 | Opportunist | 1.00 |
| ASV890 | Specialist | 1.00 |
| ASV891 | Specialist | 0.99 |
| ASV892 | Specialist | 1.00 |
| ASV893 | Generalist | 1.00 |
| ASV894 | Specialist | 0.99 |
| ASV895 | Specialist | 1.00 |
| ASV896 | Specialist | 1.00 |
| ASV897 | Specialist | 1.00 |
| ASV898 | Specialist | 1.00 |
| ASV899 | Specialist | 1.00 |
| ASV900 | Opportunist | 1.00 |
| ASV901 | Specialist | 0.99 |
| ASV902 | Specialist | 0.75 |
| ASV903 | Specialist | 1.00 |
| ASV904 | Specialist | 1.00 |
| ASV906 | Opportunist | 0.89 |
| ASV907 | Specialist | 1.00 |
| ASV908 | Specialist | 1.00 |
| ASV909 | Specialist | 1.00 |
| ASV910 | Opportunist | 0.99 |
| ASV911 | Generalist | 1.00 |
| ASV912 | Opportunist | 0.99 |
| ASV914 | Opportunist | 1.00 |
| ASV915 | Specialist | 1.00 |
| ASV917 | Specialist | 0.89 |

| ID | TYPE | Confidence |
|--------|-------------|------------|
| ASV918 | Opportunist | 1.00 |
| ASV919 | Opportunist | 1.00 |
| ASV920 | Specialist | 1.00 |
| ASV921 | Specialist | 1.00 |
| ASV922 | Specialist | 0.99 |
| ASV923 | Specialist | 1.00 |
| ASV924 | Generalist | 1.00 |
| ASV925 | Specialist | 0.87 |
| ASV926 | Opportunist | 1.00 |
| ASV927 | Specialist | 1.00 |
| ASV928 | Specialist | 0.98 |
| ASV929 | Specialist | 1.00 |
| ASV930 | Specialist | 1.00 |
| ASV931 | Specialist | 1.00 |
| ASV932 | Specialist | 1.00 |
| ASV933 | Specialist | 1.00 |
| ASV934 | Specialist | 1.00 |
| ASV935 | Specialist | 0.93 |
| ASV936 | Specialist | 1.00 |
| ASV937 | Specialist | 1.00 |
| ASV938 | Opportunist | 1.00 |
| ASV939 | Specialist | 1.00 |
| ASV940 | Specialist | 0.85 |
| ASV941 | Specialist | 1.00 |
| ASV942 | Specialist | 1.00 |
| ASV943 | Specialist | 0.95 |
| ASV944 | Specialist | 1.00 |
| ASV945 | Specialist | 1.00 |
| ASV946 | Specialist | 0.94 |
| ASV947 | Generalist | 0.97 |
| ASV948 | Opportunist | 1.00 |
| ASV949 | Specialist | 1.00 |
| ASV950 | Specialist | 0.86 |
| ASV951 | Specialist | 1.00 |
| ASV952 | Specialist | 0.90 |
| ASV954 | Specialist | 1.00 |
| ASV955 | Specialist | 1.00 |
| ASV956 | Specialist | 1.00 |
| ASV957 | Specialist | 1.00 |
| ASV958 | Specialist | 0.85 |
| ASV959 | Specialist | 1.00 |
| ASV960 | Specialist | 0.97 |

| ID | TYPE | Confidence |
|---------|-------------|------------|
| ASV961 | Specialist | 0.93 |
| ASV962 | Specialist | 0.93 |
| ASV963 | Specialist | 0.97 |
| ASV964 | Specialist | 1.00 |
| ASV965 | Opportunist | 0.88 |
| ASV966 | Specialist | 0.89 |
| ASV967 | Specialist | 1.00 |
| ASV969 | Specialist | 1.00 |
| ASV970 | Specialist | 0.92 |
| ASV971 | Generalist | 1.00 |
| ASV972 | Specialist | 1.00 |
| ASV973 | Specialist | 0.90 |
| ASV974 | Opportunist | 1.00 |
| ASV975 | Specialist | 1.00 |
| ASV976 | Specialist | 1.00 |
| ASV977 | Specialist | 0.93 |
| ASV978 | Specialist | 1.00 |
| ASV979 | Specialist | 1.00 |
| ASV981 | Opportunist | 1.00 |
| ASV982 | Generalist | 1.00 |
| ASV983 | Specialist | 1.00 |
| ASV984 | Specialist | 0.77 |
| ASV985 | Specialist | 0.97 |
| ASV986 | Specialist | 0.96 |
| ASV987 | Specialist | 1.00 |
| ASV988 | Specialist | 0.94 |
| ASV989 | Generalist | 0.95 |
| ASV990 | Generalist | 0.88 |
| ASV991 | Specialist | 0.99 |
| ASV992 | Specialist | 0.99 |
| ASV993 | Specialist | 0.86 |
| ASV994 | Opportunist | 1.00 |
| ASV995 | Opportunist | 0.91 |
| ASV996 | Specialist | 0.96 |
| ASV997 | Specialist | 1.00 |
| ASV998 | Specialist | 0.72 |
| ASV1000 | Specialist | 0.83 |
| ASV1001 | Specialist | 1.00 |
| ASV1002 | Specialist | 0.76 |
| ASV1003 | Opportunist | 1.00 |
| ASV1004 | Specialist | 1.00 |
| ASV1005 | Generalist | 1.00 |

| ID | TYPE | Confidence |
|---------|-------------|------------|
| ASV1006 | Specialist | 0.92 |
| ASV1007 | Specialist | 0.93 |
| ASV1008 | Specialist | 1.00 |
| ASV1009 | Specialist | 1.00 |
| ASV1010 | Specialist | 1.00 |
| ASV1012 | Specialist | 1.00 |
| ASV1013 | Opportunist | 1.00 |
| ASV1014 | Generalist | 1.00 |
| ASV1016 | Specialist | 0.98 |
| ASV1017 | Opportunist | 0.94 |
| ASV1018 | Specialist | 1.00 |
| ASV1019 | Specialist | 1.00 |
| ASV1020 | Specialist | 0.89 |
| ASV1021 | Specialist | 1.00 |
| ASV1022 | Opportunist | 1.00 |
| ASV1023 | Generalist | 0.99 |
| ASV1024 | Specialist | 0.81 |
| ASV1025 | Opportunist | 1.00 |
| ASV1026 | Specialist | 1.00 |
| ASV1027 | Specialist | 1.00 |
| ASV1028 | Specialist | 1.00 |
| ASV1029 | Specialist | 1.00 |
| ASV1030 | Generalist | 1.00 |
| ASV1031 | Specialist | 0.83 |
| ASV1032 | Specialist | 1.00 |
| ASV1033 | Opportunist | 1.00 |
| ASV1034 | Specialist | 0.80 |
| ASV1035 | Specialist | 0.91 |
| ASV1036 | Generalist | 1.00 |
| ASV1037 | Generalist | 0.85 |
| ASV1038 | Specialist | 1.00 |
| ASV1039 | Opportunist | 1.00 |
| ASV1040 | Specialist | 1.00 |
| ASV1041 | Generalist | 0.72 |
| ASV1042 | Specialist | 1.00 |
| ASV1043 | Specialist | 1.00 |
| ASV1044 | Opportunist | 1.00 |
| ASV1045 | Specialist | 0.87 |
| ASV1046 | Specialist | 1.00 |
| ASV1047 | Specialist | 1.00 |
| ASV1048 | Opportunist | 1.00 |
| ASV1049 | Specialist | 0.97 |

| ID | TYPE | Confidence |
|---------|-------------|------------|
| ASV1050 | Specialist | 1.00 |
| ASV1051 | Opportunist | 0.87 |
| ASV1052 | Opportunist | 0.72 |
| ASV1053 | Specialist | 0.97 |
| ASV1054 | Specialist | 0.80 |
| ASV1055 | Specialist | 1.00 |
| ASV1056 | Specialist | 0.98 |
| ASV1057 | Specialist | 1.00 |
| ASV1058 | Specialist | 0.96 |
| ASV1059 | Specialist | 1.00 |
| ASV1060 | Specialist | 0.99 |
| ASV1061 | Specialist | 0.99 |
| ASV1062 | Specialist | 1.00 |
| ASV1063 | Specialist | 0.94 |
| ASV1064 | Opportunist | 1.00 |
| ASV1065 | Specialist | 0.72 |
| ASV1066 | Specialist | 1.00 |
| ASV1067 | Opportunist | 1.00 |
| ASV1068 | Specialist | 1.00 |
| ASV1069 | Specialist | 1.00 |
| ASV1070 | Specialist | 0.93 |
| ASV1071 | Specialist | 0.99 |
| ASV1072 | Specialist | 1.00 |
| ASV1073 | Opportunist | 1.00 |
| ASV1074 | Specialist | 0.99 |
| ASV1075 | Specialist | 1.00 |
| ASV1076 | Specialist | 1.00 |
| ASV1077 | Specialist | 1.00 |
| ASV1078 | Specialist | 0.94 |
| ASV1079 | Opportunist | 1.00 |
| ASV1080 | Specialist | 0.80 |
| ASV1081 | Specialist | 1.00 |
| ASV1082 | Specialist | 0.89 |
| ASV1083 | Opportunist | 0.73 |
| ASV1084 | Specialist | 1.00 |
| ASV1085 | Specialist | 1.00 |
| ASV1086 | Specialist | 1.00 |
| ASV1087 | Generalist | 0.70 |
| ASV1088 | Specialist | 0.86 |
| ASV1089 | Specialist | 0.99 |
| ASV1090 | Specialist | 0.99 |
| ASV1091 | Specialist | 0.95 |

| ID | TYPE | Confidence |
|---------|-------------|------------|
| ASV1092 | Generalist | 0.91 |
| ASV1093 | Specialist | 0.97 |
| ASV1094 | Generalist | 1.00 |
| ASV1095 | Specialist | 0.82 |
| ASV1096 | Specialist | 0.81 |
| ASV1097 | Specialist | 0.89 |
| ASV1098 | Generalist | 0.75 |
| ASV1099 | Specialist | 1.00 |
| ASV1102 | Generalist | 1.00 |
| ASV1103 | Specialist | 0.98 |
| ASV1104 | Specialist | 1.00 |
| ASV1105 | Opportunist | 0.98 |
| ASV1106 | Specialist | 0.83 |
| ASV1107 | Generalist | 1.00 |
| ASV1108 | Opportunist | 1.00 |
| ASV1109 | Opportunist | 0.97 |
| ASV1110 | Specialist | 1.00 |
| ASV1111 | Specialist | 1.00 |
| ASV1112 | Specialist | 1.00 |
| ASV1113 | Specialist | 0.98 |
| ASV1114 | Specialist | 1.00 |
| ASV1115 | Specialist | 0.93 |
| ASV1116 | Specialist | 0.97 |
| ASV1117 | Opportunist | 0.78 |
| ASV1118 | Specialist | 0.95 |
| ASV1119 | Specialist | 1.00 |
| ASV1120 | Specialist | 0.79 |
| ASV1121 | Specialist | 1.00 |
| ASV1122 | Specialist | 0.85 |
| ASV1123 | Specialist | 1.00 |
| ASV1124 | Specialist | 1.00 |
| ASV1126 | Specialist | 1.00 |
| ASV1127 | Opportunist | 1.00 |
| ASV1128 | Specialist | 0.92 |
| ASV1129 | Opportunist | 1.00 |
| ASV1130 | Specialist | 1.00 |
| ASV1131 | Specialist | 1.00 |
| ASV1132 | Specialist | 1.00 |
| ASV1133 | Specialist | 0.99 |
| ASV1134 | Generalist | 1.00 |
| ASV1135 | Specialist | 1.00 |
| ASV1136 | Opportunist | 1.00 |

| ID | TYPE | Confidence |
|---------|-------------|------------|
| ASV1137 | Opportunist | 0.97 |
| ASV1138 | Specialist | 0.95 |
| ASV1139 | Specialist | 1.00 |
| ASV1140 | Specialist | 1.00 |
| ASV1141 | Specialist | 1.00 |
| ASV1142 | Specialist | 0.93 |
| ASV1143 | Specialist | 0.95 |
| ASV1144 | Specialist | 0.99 |
| ASV1145 | Specialist | 0.75 |
| ASV1146 | Specialist | 1.00 |
| ASV1147 | Specialist | 0.87 |
| ASV1148 | Specialist | 0.83 |
| ASV1149 | Specialist | 1.00 |
| ASV1150 | Specialist | 1.00 |
| ASV1151 | Specialist | 1.00 |
| ASV1152 | Opportunist | 1.00 |
| ASV1153 | Opportunist | 0.87 |
| ASV1154 | Specialist | 0.79 |
| ASV1155 | Specialist | 1.00 |
| ASV1156 | Specialist | 1.00 |
| ASV1157 | Opportunist | 1.00 |
| ASV1158 | Specialist | 0.72 |
| ASV1159 | Opportunist | 0.96 |
| ASV1160 | Specialist | 0.74 |
| ASV1161 | Opportunist | 0.77 |
| ASV1162 | Specialist | 1.00 |
| ASV1163 | Opportunist | 1.00 |
| ASV1164 | Generalist | 0.92 |
| ASV1165 | Specialist | 1.00 |
| ASV1166 | Generalist | 1.00 |
| ASV1167 | Specialist | 1.00 |
| ASV1168 | Opportunist | 1.00 |
| ASV1169 | Specialist | 1.00 |
| ASV1170 | Specialist | 0.95 |
| ASV1171 | Specialist | 1.00 |
| ASV1172 | Specialist | 0.74 |
| ASV1173 | Specialist | 1.00 |
| ASV1174 | Specialist | 1.00 |
| ASV1175 | Specialist | 0.78 |
| ASV1176 | Specialist | 1.00 |
| ASV1177 | Specialist | 0.72 |
| ASV1178 | Generalist | 0.99 |

| ID | TYPE | Confidence |
|---------|-------------|------------|
| ASV1179 | Generalist | 1.00 |
| ASV1181 | Specialist | 1.00 |
| ASV1182 | Specialist | 1.00 |
| ASV1183 | Specialist | 1.00 |
| ASV1184 | Specialist | 1.00 |
| ASV1185 | Specialist | 0.74 |
| ASV1186 | Specialist | 0.79 |
| ASV1187 | Opportunist | 0.72 |
| ASV1188 | Specialist | 0.85 |
| ASV1189 | Opportunist | 0.70 |
| ASV1190 | Specialist | 1.00 |
| ASV1191 | Specialist | 0.94 |
| ASV1192 | Specialist | 1.00 |
| ASV1193 | Opportunist | 0.71 |
| ASV1194 | Specialist | 0.86 |
| ASV1195 | Generalist | 1.00 |
| ASV1197 | Specialist | 1.00 |
| ASV1198 | Opportunist | 1.00 |
| ASV1199 | Specialist | 1.00 |
| ASV1200 | Opportunist | 1.00 |
| ASV1203 | Specialist | 1.00 |
| ASV1204 | Specialist | 0.99 |
| ASV1205 | Opportunist | 1.00 |
| ASV1206 | Specialist | 1.00 |
| ASV1207 | Specialist | 1.00 |
| ASV1208 | Specialist | 1.00 |
| ASV1209 | Specialist | 0.71 |
| ASV1210 | Generalist | 1.00 |
| ASV1211 | Specialist | 0.98 |
| ASV1212 | Specialist | 1.00 |
| ASV1213 | Specialist | 0.99 |
| ASV1214 | Specialist | 1.00 |
| ASV1215 | Specialist | 1.00 |
| ASV1216 | Opportunist | 1.00 |
| ASV1217 | Specialist | 1.00 |
| ASV1218 | Generalist | 0.98 |
| ASV1219 | Specialist | 1.00 |
| ASV1220 | Specialist | 0.80 |
| ASV1221 | Specialist | 0.99 |
| ASV1222 | Specialist | 0.89 |
| ASV1223 | Specialist | 1.00 |
| ASV1224 | Opportunist | 0.94 |

| ID | TYPE | Confidence |
|---------|-------------|------------|
| ASV1225 | Generalist | 1.00 |
| ASV1226 | Specialist | 0.95 |
| ASV1228 | Generalist | 0.79 |
| ASV1229 | Opportunist | 1.00 |
| ASV1230 | Specialist | 1.00 |
| ASV1231 | Specialist | 1.00 |
| ASV1232 | Specialist | 1.00 |
| ASV1233 | Opportunist | 1.00 |
| ASV1235 | Generalist | 0.97 |
| ASV1236 | Specialist | 1.00 |
| ASV1237 | Specialist | 1.00 |
| ASV1238 | Specialist | 1.00 |
| ASV1239 | Specialist | 1.00 |
| ASV1240 | Specialist | 0.93 |
| ASV1241 | Specialist | 1.00 |
| ASV1242 | Specialist | 0.99 |
| ASV1243 | Specialist | 0.99 |
| ASV1244 | Specialist | 0.82 |
| ASV1245 | Specialist | 1.00 |
| ASV1246 | Specialist | 1.00 |
| ASV1247 | Specialist | 1.00 |
| ASV1248 | Specialist | 0.82 |
| ASV1249 | Opportunist | 1.00 |
| ASV1250 | Opportunist | 1.00 |
| ASV1251 | Specialist | 1.00 |
| ASV1252 | Specialist | 0.99 |
| ASV1253 | Generalist | 1.00 |
| ASV1254 | Specialist | 1.00 |
| ASV1255 | Specialist | 0.97 |
| ASV1256 | Specialist | 0.89 |
| ASV1257 | Specialist | 1.00 |
| ASV1258 | Specialist | 1.00 |
| ASV1259 | Opportunist | 0.88 |
| ASV1260 | Opportunist | 1.00 |
| ASV1261 | Specialist | 1.00 |
| ASV1262 | Specialist | 1.00 |
| ASV1263 | Opportunist | 1.00 |
| ASV1265 | Specialist | 1.00 |
| ASV1266 | Specialist | 0.96 |
| ASV1268 | Specialist | 1.00 |
| ASV1270 | Specialist | 0.72 |
| ASV1271 | Opportunist | 0.96 |

| ID | TYPE | Confidence |
|---------|-------------|------------|
| ASV1272 | Specialist | 0.92 |
| ASV1273 | Specialist | 1.00 |
| ASV1274 | Specialist | 1.00 |
| ASV1275 | Specialist | 1.00 |
| ASV1276 | Generalist | 0.92 |
| ASV1277 | Opportunist | 0.98 |
| ASV1278 | Specialist | 0.96 |
| ASV1279 | Specialist | 1.00 |
| ASV1280 | Opportunist | 0.99 |
| ASV1281 | Specialist | 1.00 |
| ASV1282 | Specialist | 1.00 |
| ASV1283 | Specialist | 1.00 |
| ASV1284 | Specialist | 0.94 |
| ASV1285 | Specialist | 1.00 |
| ASV1286 | Specialist | 0.85 |
| ASV1287 | Specialist | 0.88 |
| ASV1288 | Specialist | 0.86 |
| ASV1289 | Specialist | 1.00 |
| ASV1290 | Specialist | 0.90 |
| ASV1291 | Specialist | 1.00 |
| ASV1292 | Specialist | 1.00 |
| ASV1293 | Specialist | 1.00 |
| ASV1294 | Specialist | 1.00 |
| ASV1295 | Specialist | 0.93 |

Table S3. Topological properties and C-score of the co-occurrence networks of microeukaryotic plankton communities for generalists and specialists. Positive SES values mean less co-occurrence than expected by random patterns. If SES values are positive, it will show less co-occurrence than expected by chance, implying the predominance of segregation within communities and vice versa for negative values, implying the predominance of facilitation. If co-occurrences are not different from what is expected by chance, values of SES should fall between -2 and 2 .

| Taxa | Nodes | C-score | | | Edges | Average degree | Average path length | Graph diameter | Graph density | Clustering coefficient | Modularity |
|------------|-------|---------|-----------|--------|-------|----------------|---------------------|----------------|---------------|------------------------|------------|
| | | Obs. | Mean null | SES | | | | | | | |
| Generalist | | | | | | | | | | | |
| + | 294 | 0.734 | 0.712 | 336.74 | 3198 | 21.7551 | 3.9273 | 10 | 0.07425 | 0.8606 | 0.2454 |
| Specialist | | | | | | | | | | | |
| Generalist | 153 | 0.242 | 0.210 | 176.94 | 534 | 6.9804 | 3.3597 | 7 | 0.04592 | 0.6039 | 0.5801 |
| Specialist | 91 | 0.734 | 0.712 | 352.37 | 1105 | 24.2837 | 1.5108 | 3 | 0.2698 | 0.7770 | 0.07338 |

Table S4. Lists of module connectors in the co-occurrence networks of generalists and specialists

| NO. OF NODES | ASV ID | ZI | PI | MODULE CLASS | TAXONOMY | TYPE |
|-------------------------|---------------|-----------|-----------|-------------------------|------------------------|-------------|
| 1 | ASV6 | 2.70 | 0.44 | I | Ochrophyta | Generalist |
| 2 | ASV10 | 2.64 | 0.00 | II | Chlorophyta | Generalist |
| 3 | ASV26 | 4.02 | 0.00 | II | Dinoflagellata | Generalist |
| 4 | ASV100 | 2.64 | 0.45 | II | Dinoflagellata | Generalist |
| 5 | ASV158 | 1.39 | 0.65 | III | Cnidaria | Specialist |
| 6 | ASV241 | 1.59 | 0.66 | III | Tubulinea | Specialist |
| 7 | ASV303 | 2.00 | 0.66 | III | Chlorophyta | Specialist |
| 8 | ASV356 | 1.56 | 0.64 | I | unclassified_Eukaryota | Specialist |
| 9 | ASV445 | 0.58 | 0.63 | III | Dinoflagellata | Specialist |
| 10 | ASV447 | 0.38 | 0.65 | III | Chlorophyta | Specialist |
| 11 | ASV491 | 1.07 | 0.65 | I | Polycystinea | Specialist |
| 12 | ASV510 | 0.91 | 0.65 | I | Ochrophyta | Specialist |
| 13 | ASV539 | 1.07 | 0.64 | I | Dinoflagellata | Specialist |
| 14 | ASV551 | 1.40 | 0.65 | I | Arthropoda | Specialist |
| 15 | ASV568 | 0.38 | 0.64 | III | Ciliophora | Specialist |
| 16 | ASV580 | 1.23 | 0.64 | I | Polycystinea | Specialist |
| 17 | ASV582 | 1.19 | 0.67 | III | Chlorophyta | Specialist |
| 18 | ASV586 | 0.91 | 0.63 | I | Rotifera | Specialist |
| 19 | ASV589 | 1.07 | 0.65 | I | Arthropoda | Specialist |
| 20 | ASV621 | 0.42 | 0.63 | I | Ochrophyta | Specialist |
| 21 | ASV645 | 0.85 | 0.64 | II | Tubulinea | Specialist |
| 22 | ASV646 | 0.85 | 0.64 | II | Streptophyta | Specialist |
| 23 | ASV685 | 0.85 | 0.64 | II | Streptophyta | Specialist |
| 24 | ASV694 | 0.58 | 0.64 | II | Ciliophora | Specialist |
| 25 | ASV699 | 0.99 | 0.64 | III | Polycystinea | Specialist |
| 26 | ASV734 | -0.06 | 0.63 | I | Polycystinea | Specialist |
| 27 | ASV774 | 0.58 | 0.63 | II | Chlorophyta | Specialist |
| 28 | ASV775 | -0.39 | 0.63 | I | Tubulinea | Specialist |
| 29 | ASV784 | -0.22 | 0.66 | III | Arthropoda | Specialist |
| 30 | ASV798 | -0.76 | 0.63 | II | Annelida | Specialist |
| 31 | ASV825 | 0.31 | 0.63 | II | Arthropoda | Specialist |
| 32 | ASV834 | 0.58 | 0.63 | II | Polycystinea | Specialist |
| 33 | ASV854 | -0.22 | 0.66 | III | Streptophyta | Specialist |
| 34 | ASV892 | -0.76 | 0.62 | II | Cercozoa | Specialist |
| 35 | ASV909 | 0.26 | 0.62 | I | Streptophyta | Specialist |
| 36 | ASV941 | -0.22 | 0.62 | II | Myxozoa | Specialist |
| 37 | ASV1045 | -0.22 | 0.66 | III | Streptophyta | Specialist |
| 38 | ASV1061 | -3.71 | 0.65 | II | Arthropoda | Specialist |
| 39 | ASV1065 | -0.42 | 0.66 | III | Chlorophyta | Specialist |
| 40 | ASV1116 | -0.55 | 0.62 | I | Polycystinea | Specialist |
| 41 | ASV1123 | -0.39 | 0.63 | I | Dinoflagellata | Specialist |

| | | | | | | |
|-----------|---------|-------|------|---|----------------|------------|
| 42 | ASV1149 | -0.23 | 0.63 | I | Dinoflagellata | Specialist |
| 43 | ASV1288 | -0.87 | 0.63 | I | Dinoflagellata | Specialist |

Zi indicates within module connectivity, while Pi indicates among module connectivity.

The nodes in a co-occurrence network could be divided into the following four subcategories according to their Zi values and Pi values (Zi indicates within module connectivity and Pi indicates among module connectivity.): 1) peripheral nodes ($Z_i < 2.5$, $P_i < 0.62$), 2) connectors ($Z_i < 2.5$, $P_i \geq 0.62$), 3) module hubs ($Z_i \geq 2.5$, $P_i < 0.62$), and 4) network hubs ($Z_i \geq 2.5$, $P_i \geq 0.62$).

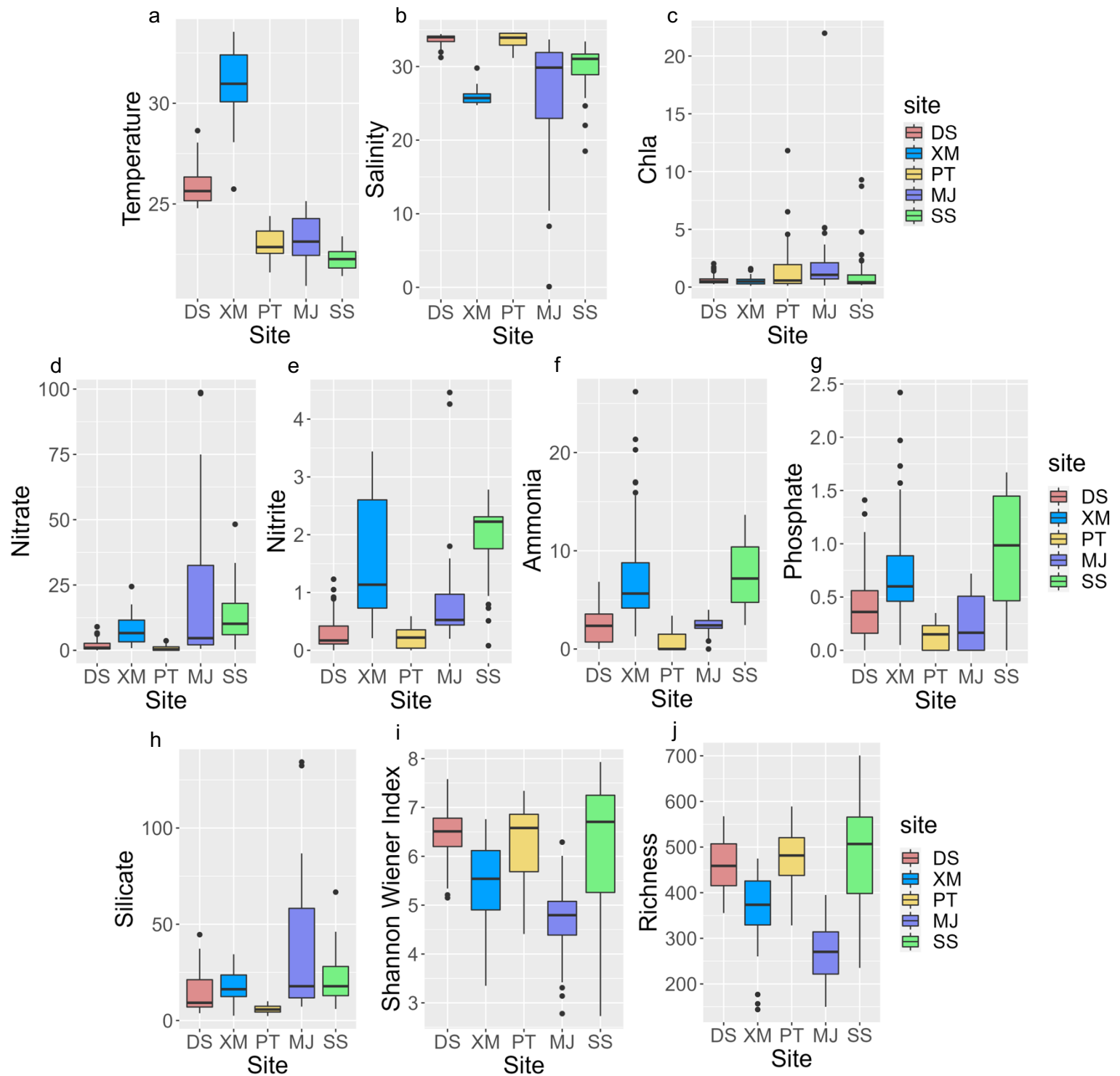


Fig. S1 Boxplot of environmental factors and alpha diversity including both surface and bottom data from south to north of the study area. **a)** Temperature. **b)** Salinity. **c)** Chlorophyll a. **d)** Nitrate. **e)** Nitrite. **f)** Ammonia. **g)** Phosphate. **h)** Silicate. **i)** Shannon Wiener Index. **j)** Chao 1 Index. DS, Dongshan Area; MJ, Minjiang estuary; PT, Pingtan Area; SS, Sansha Area; XM, Xiamen Area. Boxplot definition: horizontal line: median; box: Interquartile range (IQR), from 25th percentile to 75th percentile; lower whisker: minimum value; upper whisker: maximum value; dots: outliers.

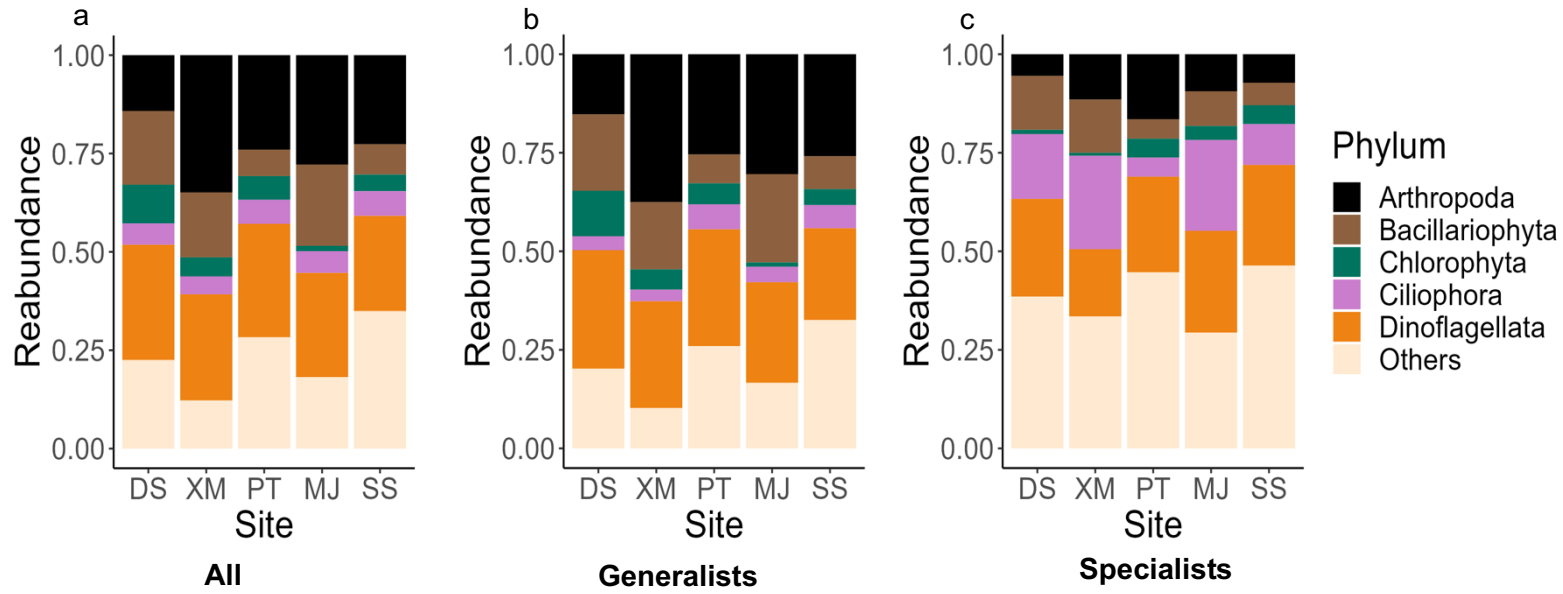


Fig. S2 The community composition (relative abundance) and comparative analyses of surface and bottom communities. **a)** All species. **b)** Generalists. **c)** Specialists. DS, Dongshan Area; MJ, Minjiang estuary; PT, Pingtan Area; SS, Sansha Area; XM, Xiamen Area.

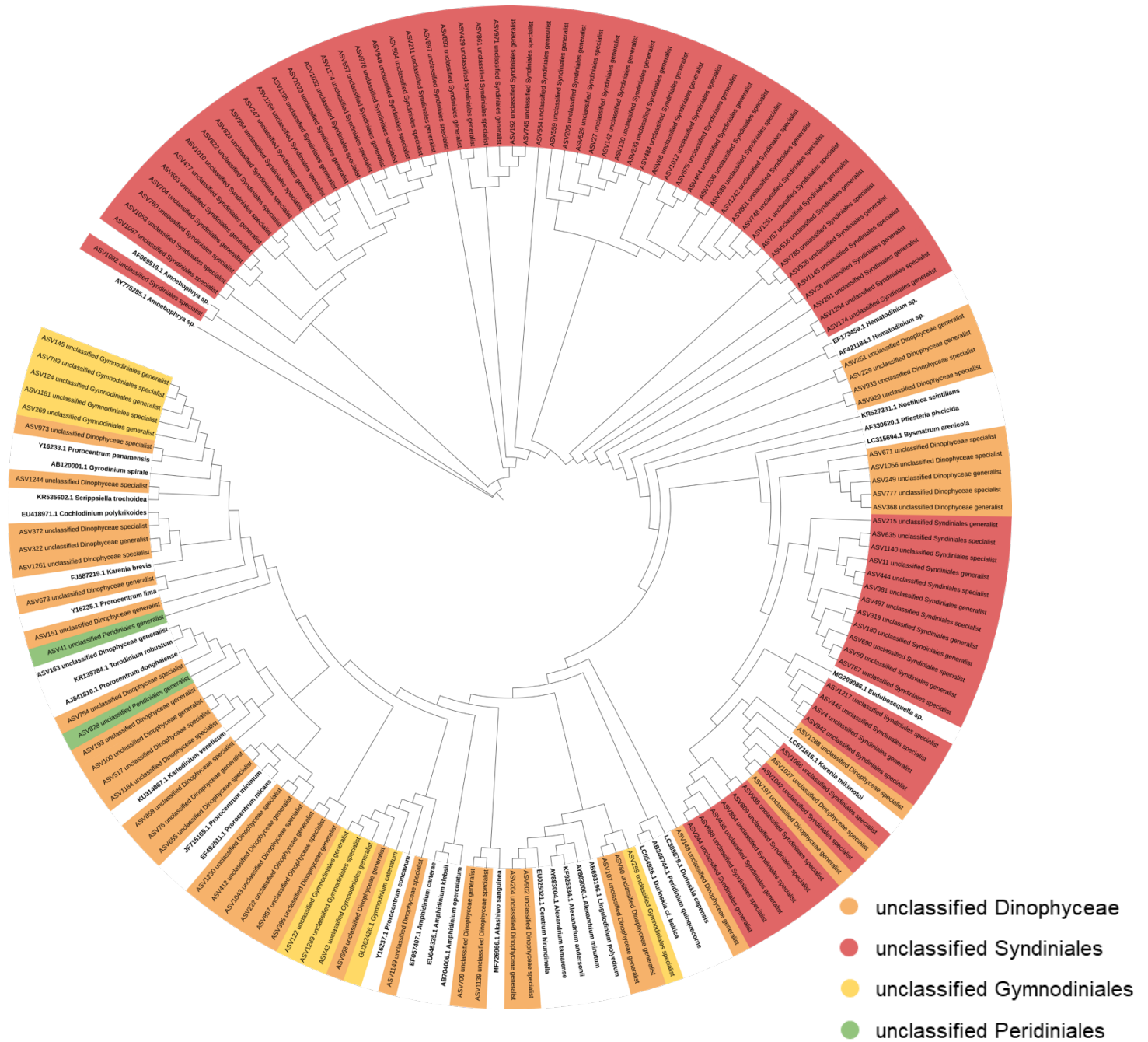


Fig. S3 Phylogram of sequences from different orders in dinoflagellates and reference sequences. An *Amoebophrya* species is used as an outgroup to root the tree. Color coding indicates different orders of dinoflagellates. In boldtype are reference sequences.

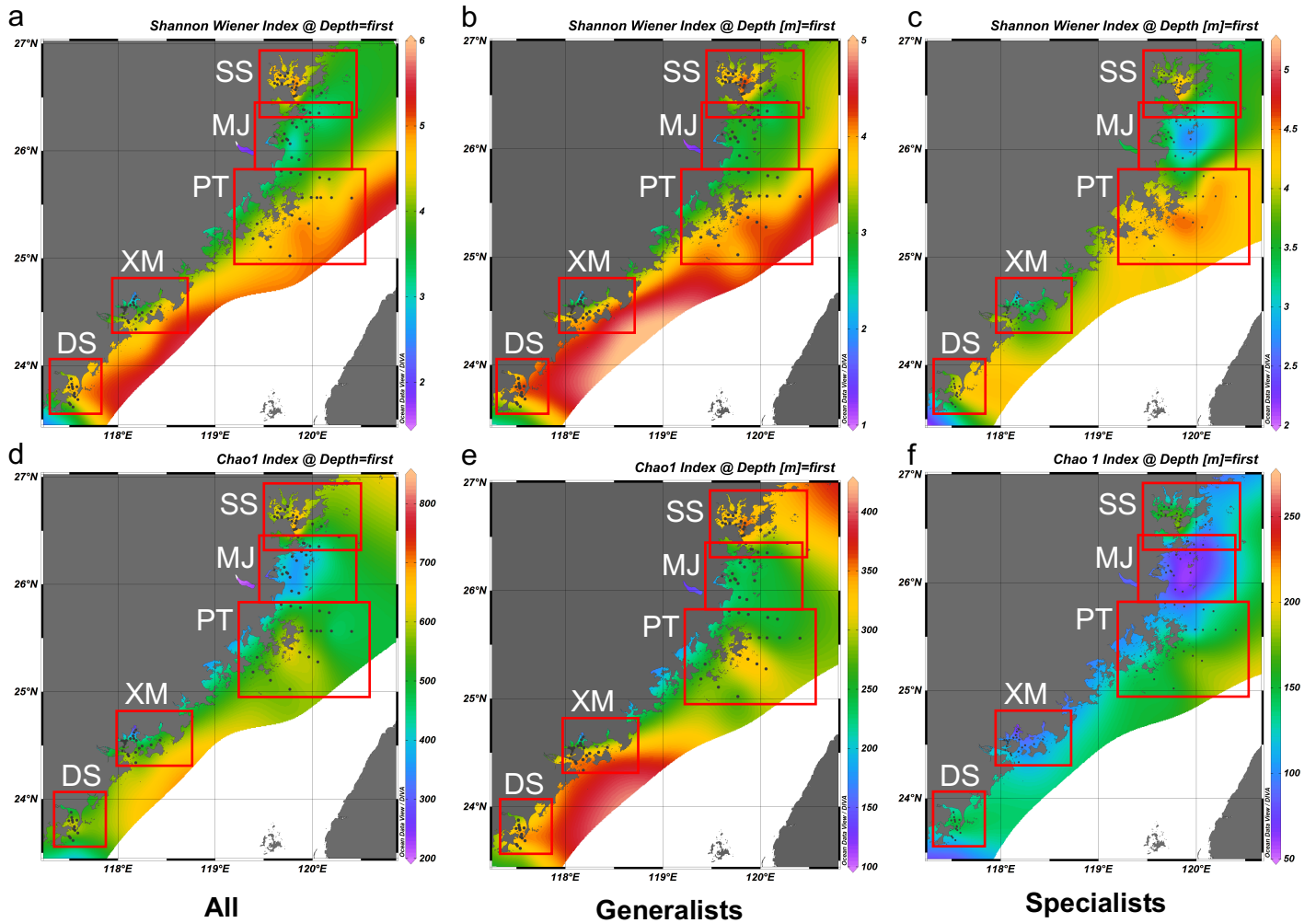


Fig. S4 Distribution of diversity indices along the five coastal areas for both surface and bottom layers. Shannon Wiener Index for all species (**a**), generalists (**b**) and specialists (**c**). Chao 1 Index for all species (**d**), generalists (**e**) and specialists (**f**). DS, Dongshan Area; MJ, Minjiang estuary; PT, Pingtan Area; SS, Sansha Area; XM, Xiamen Area.

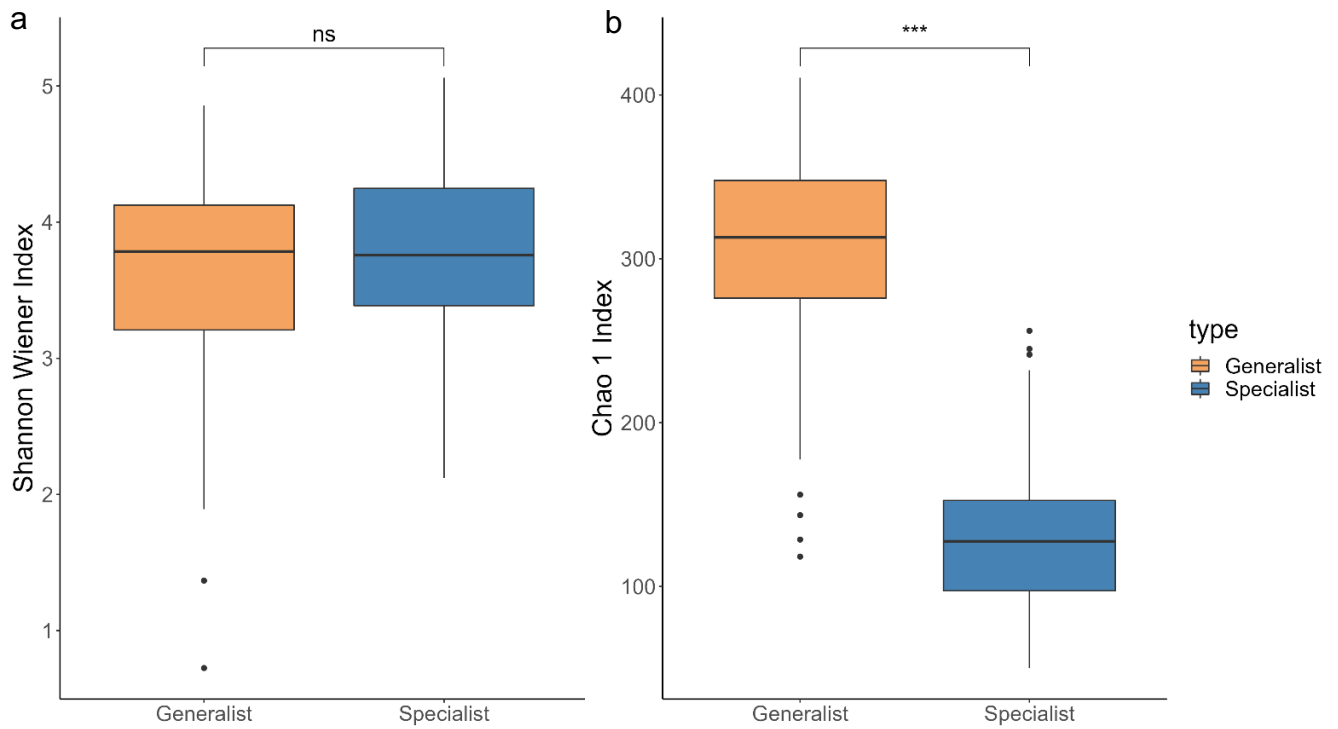


Fig. S5 Comparison of alpha diversity of generalists and specialists for both surface and bottom layers. **a)** Shannon Wiener Index. **b)** Chao 1 Index. Boxplot definition: horizontal line: median; box: Interquartile range (IQR), from 25th percentile to 75th percentile; lower whisker: minimum value; upper whisker: maximum value; dots: outliers.

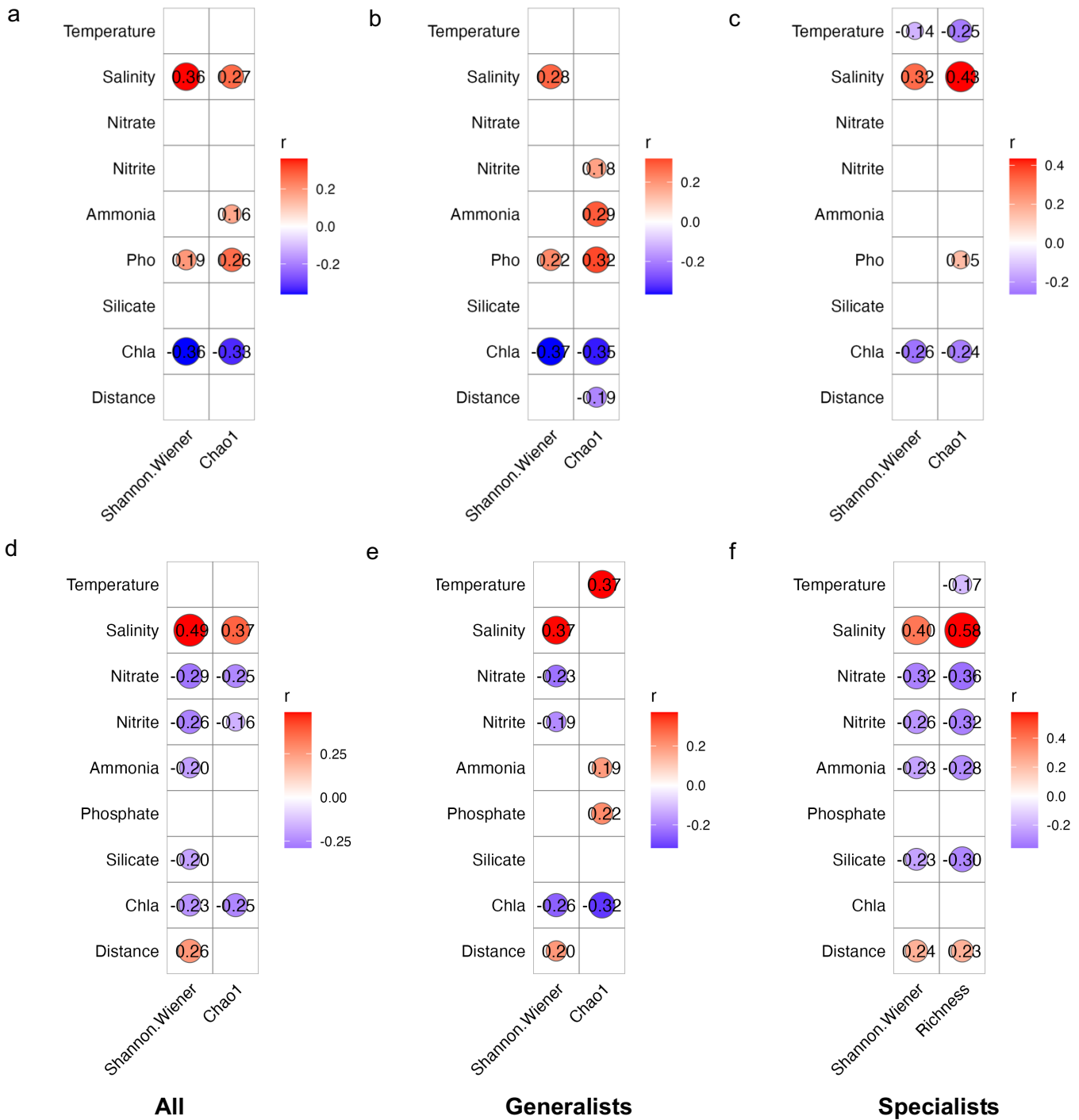


Fig. S6 Correlations between alpha diversity and environmental factors in five sea areas for all species (a), generalists (b), specialists (c) and in all sites except Sansha bay for all species (d), generalists (e), specialists (f). Distance, the distance from the main land or the riverine mouth to the sampling station.

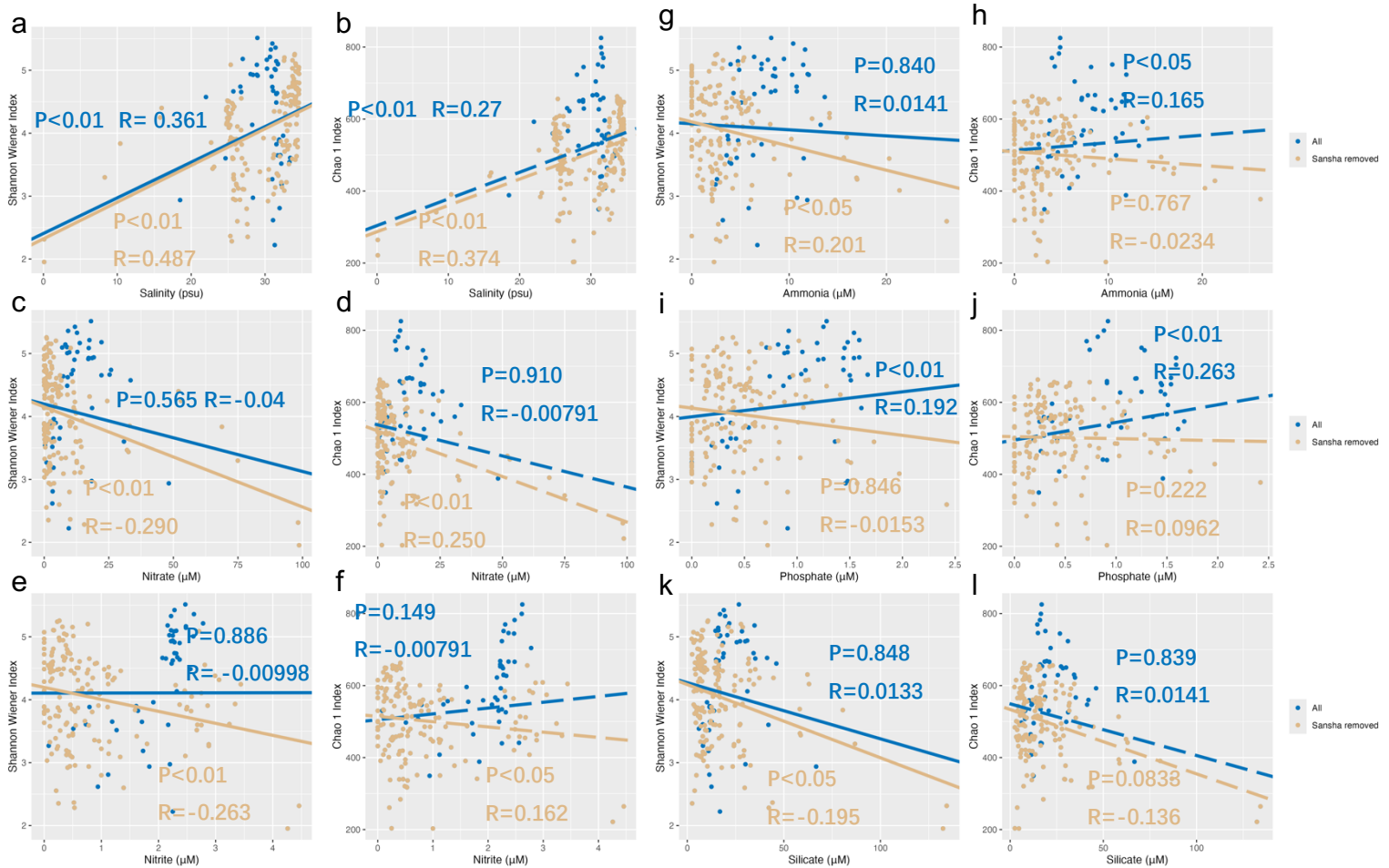


Fig. S7 Spearman's rank correlations between alpha diversity indices and environmental factors for all sampling sites and sites except from Sansha bay. **a)** Shannon Wiener index and salinity; **b)** Chao 1 index and salinity; **c)** Shannon Wiener index and nitrate; **d)** Chao 1 index and nitrate; **e)** Shannon Wiener index and nitrite; **f)** Chao 1 index and nitrite; **g)** Shannon Wiener index and ammonia; **h)** Chao 1 index and ammonia; **i)** Shannon Wiener index and phosphate; **j)** Chao 1 index and phosphate; **k)** Shannon Wiener index and silicate; **l)** Chao 1 index and silicate.

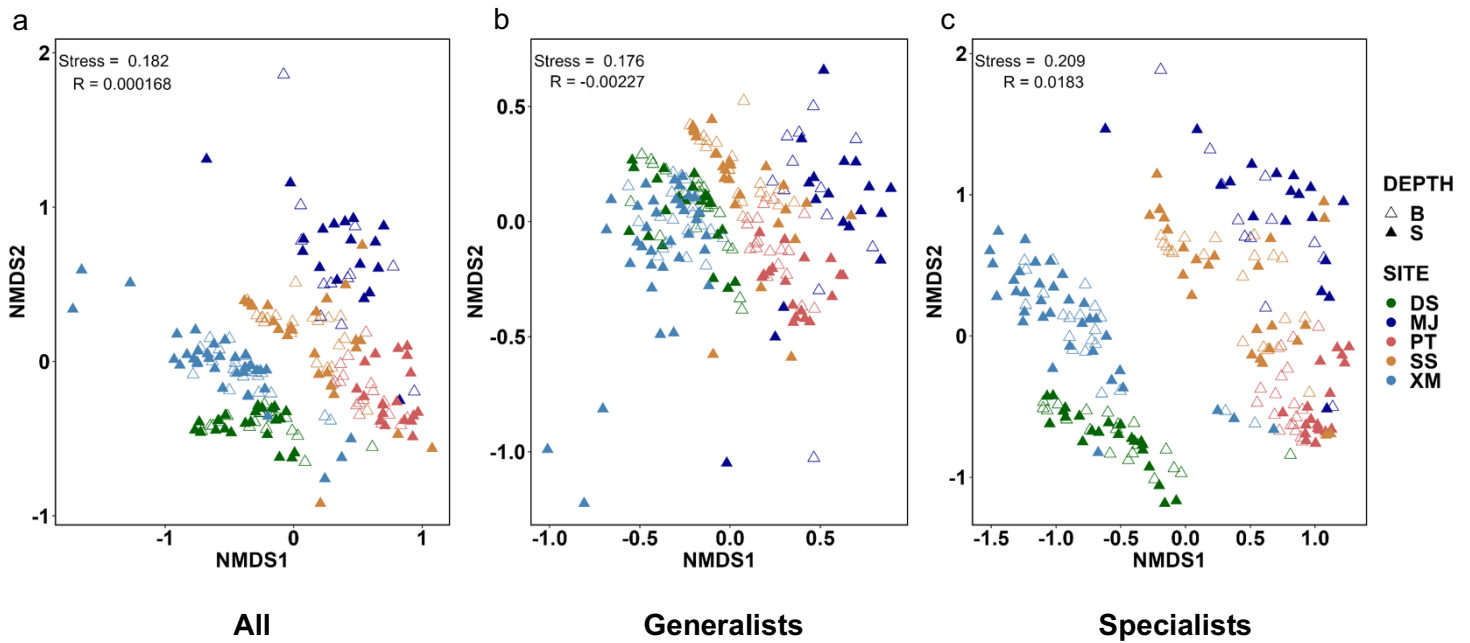


Fig. S8 NMDS and ANOSIM analysis to test the differences between surface and bottom seawater for all species (a), generalists (b), and specialists (c). DS, Dongshan Area; MJ, Minjiang estuary; PT, Pingtan Area; SS, Sansha Area; XM, Xiamen Area.

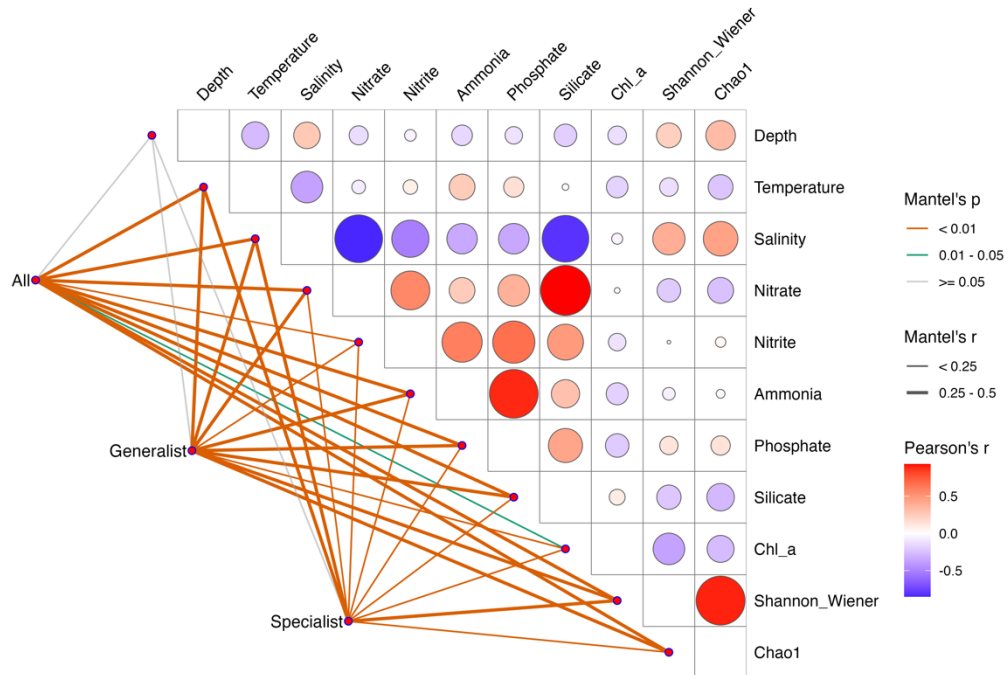


Fig. S9 Mantel test showing biotic and abiotic factors of microeukaryotic plankton community composition. Mantel's p value, Mantel's r and Pearson's r are shown at the right. Line color represents the significance level based on test with 999 permutations. Line width represents the Mantel's r. Pairwise comparisons (Pearson's correlation) of biotic and abiotic factors are represented by fill colors of the circles. WT, water temperature; SW, Shannon Wiener Index.

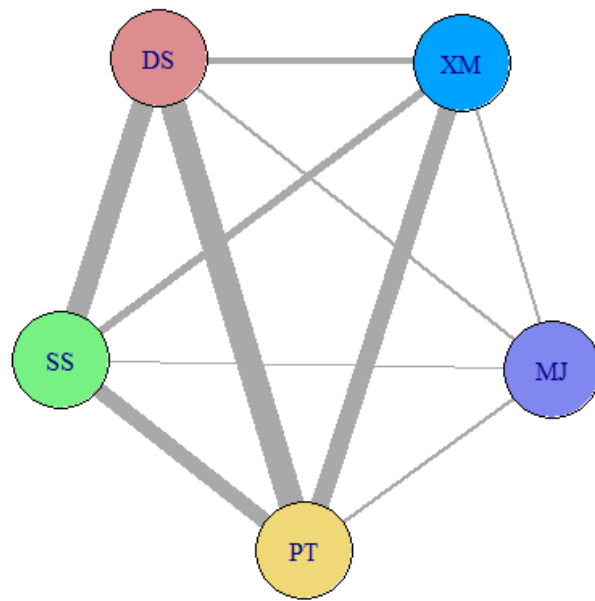


Fig. S10 Networks depicting the pairwise dispersal–niche continuum index (DNCI) among the five coastal bays. The wider the edge, the stronger the effect of dispersal. DS, Dongshan Area; MJ, Minjiang estuary; PT, Pingtan Area; SS, Sansha Area; XM, Xiamen Area.

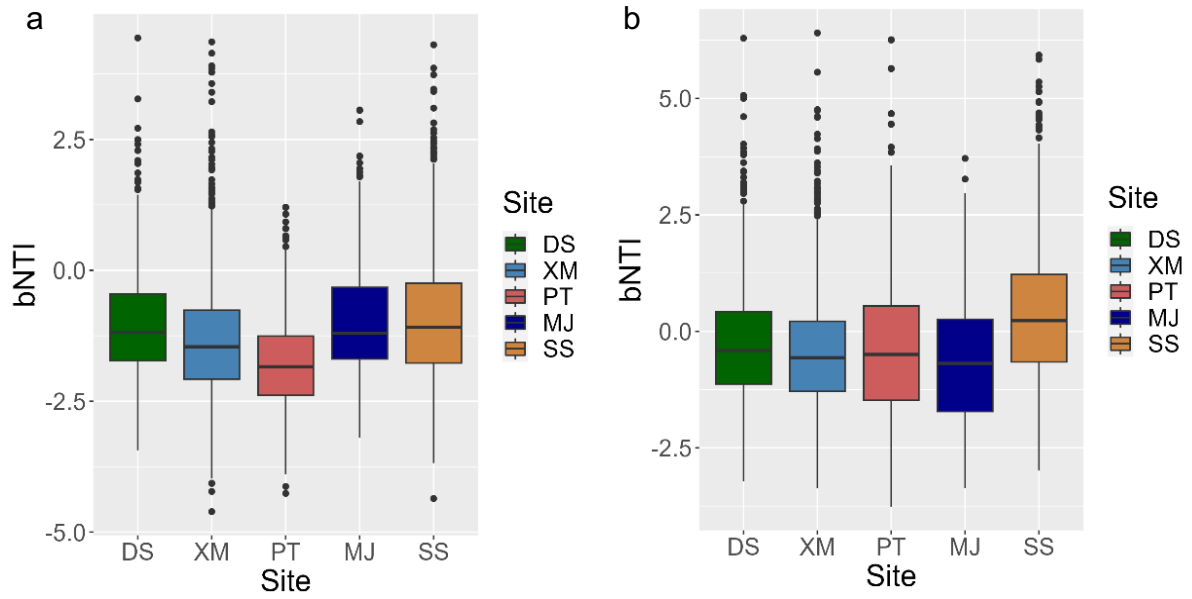


Fig. S11 The beta nearest taxon index (β NTI) of the five areas for **a**) generalists and **b**) specialists. DS, Dongshan Area; MJ, Minjiang estuary; PT, Pingtan Area; SS, Sansha Area; XM, Xiamen Area.

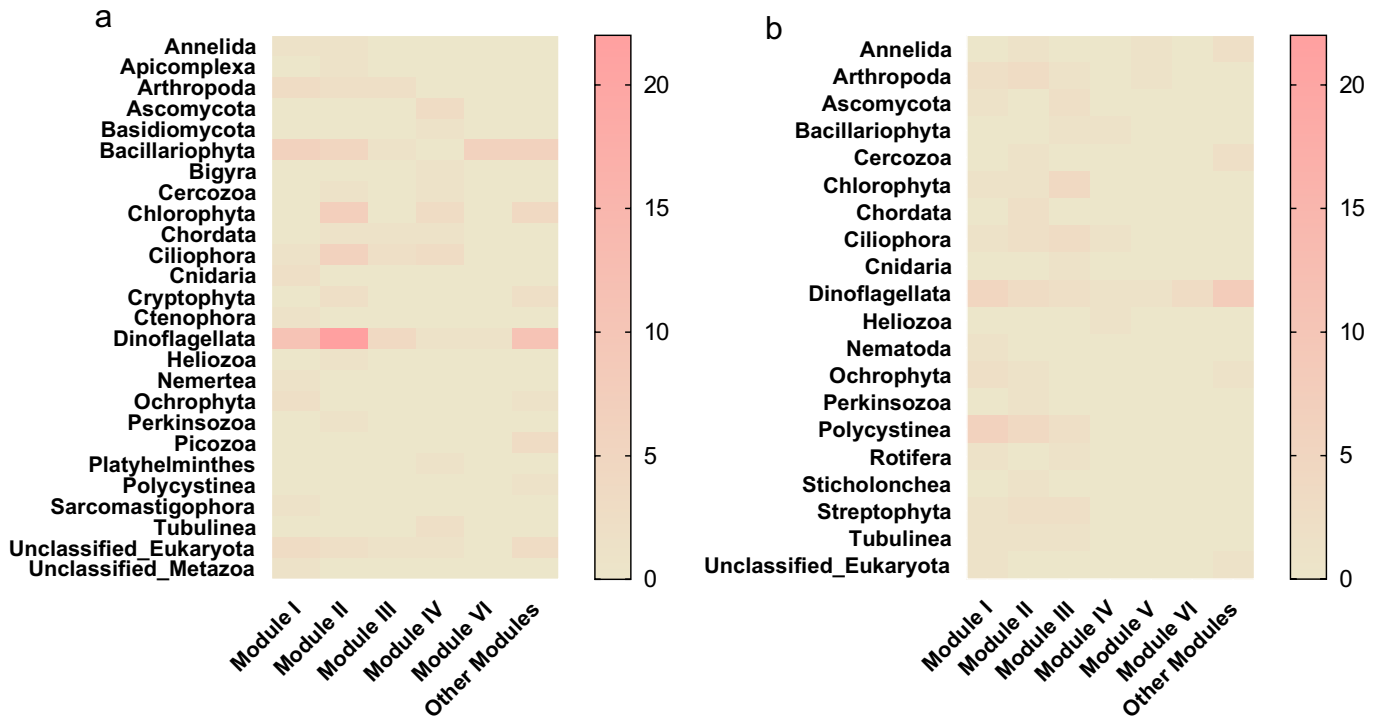


Fig. S12 Number of nodes of microeukaryotic plankton at phylum/class level in each module for **a)** generalists and **b)** specialists.