



# ORGANISMO NACIONAL DE SANIDAD PESQUERA

## SUB DIRECCIÓN DE SUPERVISIÓN ACUÍCOLA

Monitoreo de Fitoplancton Potencialmente Tóxico  
Departamento de Ica: 006 Bahía Paracas, 003 Bahía Lagunillas, 005 Bahía Independencia  
Análisis Cuantitativo de Fitoplancton (Nº cel/L)  
1ra Semana



Semana: 04 al 10 de octubre de 2015

Fecha: 09 de octubre de 2015

| ZONAS                                       | 006 BAHIA PARACAS | 003 BAHIA LAGUNILLAS |          |                    |               | 005 BAHIA INDEPENDENCIA |           |                  |      |       |          |                  |
|---------------------------------------------|-------------------|----------------------|----------|--------------------|---------------|-------------------------|-----------|------------------|------|-------|----------|------------------|
| AREAS                                       | ATENAS            | ARQUILLO             | ZÁRATE   | LA MINA LAGUNILLAS | LAGUNA GRANDE | CANASTONES              | STA. ROSA | TUNGA - EL QUESO |      |       | LA PAMPA | EL ANCLA-CHUCCIO |
| ESTACION                                    | 01-A-PAR          | 01-B-LAG             | 04-B-LAG | 02-B-LAG           | 01-A-IND      | 04-A-IND                | 07-A-IND  | 05-A-IND         |      |       | 08-A-IND | 03-A-IND         |
| PROFUNDIDAD (m)                             | ....              | ....                 | ....     | ....               | ....          | ....                    | ....      | 0-5              | 5-10 | 10-15 | ....     | ....             |
| TEMPERATURA (°C)                            | ....              | ....                 | ....     | ....               | ....          | ....                    | ....      | 16.2             | 16.1 | 15.7  | ....     | ....             |
| DIATOMEAS                                   |                   |                      |          |                    |               |                         |           |                  |      |       |          |                  |
| Grupo <i>Pseudo-nitzschia delicatissima</i> | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | 1280             | 480  | 3400  | S/M      | S/M              |
| Grupo <i>Pseudo-nitzschia seriata</i>       | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | 0                | 1600 | 0     | S/M      | S/M              |
| DINOFLAGELADOS                              |                   |                      |          |                    |               |                         |           |                  |      |       |          |                  |
| <i>Alexandrium minutum</i>                  | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | 0                | 0    | 0     | S/M      | S/M              |
| <i>Alexandrium monilatum</i>                | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | 0                | 0    | 0     | S/M      | S/M              |
| <i>Alexandrium ostenfeldii</i>              | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | 0                | 0    | 0     | S/M      | S/M              |
| <i>Alexandrium peruvianum</i>               | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | 0                | 0    | 0     | S/M      | S/M              |
| <i>Alexandrium</i> sp.                      | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | 0                | 0    | 0     | S/M      | S/M              |
| <i>Azadinium spinosum</i>                   | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | 0                | 0    | 0     | S/M      | S/M              |
| <i>Cochlodinium polykrikoides</i>           | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | 0                | 0    | 0     | S/M      | S/M              |
| <i>Dinophysis acuminata</i>                 | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | 0                | 0    | 0     | S/M      | S/M              |
| <i>Dinophysis caudata</i>                   | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | 0                | 0    | 0     | S/M      | S/M              |
| <i>Dinophysis rotundata</i>                 | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | 0                | 0    | 0     | S/M      | S/M              |
| <i>Dinophysis tripos</i>                    | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | 0                | 0    | 0     | S/M      | S/M              |
| <i>Gonyaulax spinifera</i>                  | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | 0                | 0    | 0     | S/M      | S/M              |
| <i>Karenia</i> sp.                          | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | 0                | 0    | 0     | S/M      | S/M              |
| <i>Karlodinium</i> cf. <i>veneficum</i>     | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | 0                | 0    | 0     | S/M      | S/M              |
| <i>Lingulodinium polyedrum</i>              | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | 0                | 0    | 0     | S/M      | S/M              |
| <i>Prorocentrum lima</i>                    | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | 0                | 0    | 0     | S/M      | S/M              |
| <i>Prorocentrum minimum</i>                 | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | 0                | 0    | 0     | S/M      | S/M              |
| <i>Protoceratium reticulatum</i>            | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | 0                | 0    | 0     | S/M      | S/M              |
| <i>Protoperdinium crassipes</i>             | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | 0                | 0    | 0     | S/M      | S/M              |
| FITOFLAGELADOS                              |                   |                      |          |                    |               |                         |           |                  |      |       |          |                  |
| <i>Heterosigma akashiwo</i>                 | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | 0                | 0    | 0     | S/M      | S/M              |

S/M: Sin Monitoreo

Fuente: Entidad de Apoyo CERPER S.A.



# ORGANISMO NACIONAL DE SANIDAD PESQUERA

## SUB DIRECCIÓN DE SUPERVISIÓN ACUÍCOLA

Monitoreo de Fitoplancton Potencialmente Tóxico

Departamento de Ica: 006 Bahía Paracas, 003 Bahía Lagunillas, 005 Bahía Independencia

Análisis Cuantitativo de Fitoplancton (Nº cel/L)

2da Semana



Semana: 11 al 17 de octubre de 2015

| ZONAS                                       | 006 BAHIA PARACAS | 003 BAHIA LAGUNILLAS |          |                    |               | 005 BAHIA INDEPENDENCIA |           |                  |      |      |          |                  |
|---------------------------------------------|-------------------|----------------------|----------|--------------------|---------------|-------------------------|-----------|------------------|------|------|----------|------------------|
| AREAS                                       | ATENAS            | ARQUILLO             | ZÁRATE   | LA MINA LAGUNILLAS | LAGUNA GRANDE | CANASTONES              | STA. ROSA | TUNGA - EL QUESO |      |      | LA PAMPA | EL ANCLA-CHUCCIO |
| ESTACION                                    | 01-A-PAR          | 01-B-LAG             | 04-B-LAG | 02-B-LAG           | 01-A-IND      | 04-A-IND                | 07-A-IND  | 05-A-IND         |      |      | 08-A-IND | 03-A-IND         |
| PROFUNDIDAD (m)                             | ....              | ....                 | ....     | ....               | ....          | ....                    | ....      | ....             | .... | .... | ....     | ....             |
| TEMPERATURA (°C)                            | ....              | ....                 | ....     | ....               | ....          | ....                    | ....      | ....             | .... | .... | ....     | ....             |
| DIATOMEAS                                   |                   |                      |          |                    |               |                         |           |                  |      |      |          |                  |
| Grupo <i>Pseudo-nitzschia delicatissima</i> | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| Grupo <i>Pseudo-nitzschia seriata</i>       | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| DINOFLAGELADOS                              |                   |                      |          |                    |               |                         |           |                  |      |      |          |                  |
| <i>Alexandrium minutum</i>                  | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| <i>Alexandrium monilatum</i>                | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| <i>Alexandrium ostenfeldii</i>              | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| <i>Alexandrium peruvianum</i>               | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| <i>Alexandrium</i> sp.                      | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| <i>Azadinium spinosum</i>                   | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| <i>Cochlodinium polykrikoides</i>           | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| <i>Dinophysis acuminata</i>                 | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| <i>Dinophysis caudata</i>                   | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| <i>Dinophysis rotundata</i>                 | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| <i>Dinophysis tripos</i>                    | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| <i>Gonyaulax spinifera</i>                  | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| <i>Karenia</i> sp.                          | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| <i>Karlodinium</i> cf. <i>veneficum</i>     | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| <i>Lingulodinium polyedrum</i>              | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| <i>Prorocentrum lima</i>                    | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| <i>Prorocentrum minimum</i>                 | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| <i>Protoceratium reticulatum</i>            | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| <i>Protoperidinium crassipes</i>            | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| FITOFAGELADOS                               |                   |                      |          |                    |               |                         |           |                  |      |      |          |                  |
| <i>Heterosigma akashiwo</i>                 | S/M               | S/M                  | S/M      | S/M                | S/M           | S/M                     | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |

S/M: Sin Monitoreo



# ORGANISMO NACIONAL DE SANIDAD PESQUERA

SUB DIRECCIÓN DE SUPERVISIÓN ACUÍCOLA

Monitoreo de Fitoplancton Potencialmente Tóxico

Departamento de Ica: 006 Bahía Paracas, 003 Bahía Lagunillas, 005 Bahía Independencia

Análisis Cuantitativo de Fitoplancton (Nº cel/L)

3ra Semana



Semana: 18 al 24 de octubre de 2015

Fecha: 23 de octubre de 2015

| ZONAS                                       | 006 BAHIA PARACAS | 003 BAHIA LAGUNILLAS |          |                    | 005 BAHIA INDEPENDENCIA |            |           |                  |      |       |          |                  |
|---------------------------------------------|-------------------|----------------------|----------|--------------------|-------------------------|------------|-----------|------------------|------|-------|----------|------------------|
| AREAS                                       | ATENAS            | ARQUILLO             | ZÁRATE   | LA MINA LAGUNILLAS | LAGUNA GRANDE           | CANASTONES | STA. ROSA | TUNGA - EL QUESO |      |       | LA PAMPA | EL ANCLA-CHUCCIO |
| ESTACION                                    | 01-A-PAR          | 01-B-LAG             | 04-B-LAG | 02-B-LAG           | 01-A-IND                | 04-A-IND   | 07-A-IND  | 05-A-IND         |      |       | 08-A-IND | 03-A-IND         |
| PROFUNDIDAD (m)                             | ....              | ....                 | ....     | ....               | ....                    | ....       | ....      | 0-5              | 5-10 | 10-15 | ....     | ....             |
| TEMPERATURA (°C)                            | ....              | ....                 | ....     | ....               | ....                    | ....       | ....      | 15.9             | 15.8 | 15.7  | ....     | ....             |
| DIATOMEAS                                   |                   |                      |          |                    |                         |            |           |                  |      |       |          |                  |
| Grupo <i>Pseudo-nitzschia delicatissima</i> | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | 0                | 0    | 0     | S/M      | S/M              |
| Grupo <i>Pseudo-nitzschia seriata</i>       | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | 80               | 160  | 360   | S/M      | S/M              |
| DINOFLAGELADOS                              |                   |                      |          |                    |                         |            |           |                  |      |       |          |                  |
| <i>Alexandrium minutum</i>                  | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | 0                | 0    | 0     | S/M      | S/M              |
| <i>Alexandrium monilatum</i>                | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | 0                | 0    | 0     | S/M      | S/M              |
| <i>Alexandrium ostenfeldii</i>              | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | 0                | 0    | 0     | S/M      | S/M              |
| <i>Alexandrium peruvianum</i>               | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | 0                | 0    | 0     | S/M      | S/M              |
| <i>Alexandrium</i> sp.                      | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | 0                | 0    | 0     | S/M      | S/M              |
| <i>Azadinium spinosum</i>                   | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | 0                | 0    | 0     | S/M      | S/M              |
| <i>Cochlodinium polykrikoides</i>           | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | 0                | 0    | 0     | S/M      | S/M              |
| <i>Dinophysis acuminata</i>                 | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | 0                | 0    | 40    | S/M      | S/M              |
| <i>Dinophysis caudata</i>                   | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | 0                | 40   | 0     | S/M      | S/M              |
| <i>Dinophysis rotundata</i>                 | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | 0                | 0    | 40    | S/M      | S/M              |
| <i>Dinophysis tripos</i>                    | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | 0                | 0    | 0     | S/M      | S/M              |
| <i>Gonyaulax spinifera</i>                  | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | 0                | 0    | 0     | S/M      | S/M              |
| <i>Karenia</i> sp.                          | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | 0                | 0    | 0     | S/M      | S/M              |
| <i>Karlodinium</i> cf. <i>veneficum</i>     | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | 0                | 0    | 0     | S/M      | S/M              |
| <i>Lingulodinium polyedrum</i>              | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | 0                | 0    | 0     | S/M      | S/M              |
| <i>Prorocentrum lima</i>                    | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | 0                | 0    | 0     | S/M      | S/M              |
| <i>Prorocentrum minimum</i>                 | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | 0                | 0    | 0     | S/M      | S/M              |
| <i>Protoceratium reticulatum</i>            | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | 0                | 0    | 0     | S/M      | S/M              |
| <i>Protoperidinium crassipes</i>            | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | 0                | 0    | 0     | S/M      | S/M              |
| FITOFLAGELADOS                              |                   |                      |          |                    |                         |            |           |                  |      |       |          |                  |
| <i>Heterosigma akashiwo</i>                 | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | 0                | 0    | 0     | S/M      | S/M              |

S/M: Sin Monitoreo

Fuente: Entidad de Apoyo CERPER S.A.



# ORGANISMO NACIONAL DE SANIDAD PESQUERA

## SUB DIRECCIÓN DE SUPERVISIÓN ACUÍCOLA

Monitoreo de Fitoplancton Potencialmente Tóxico  
Departamento de Ica: 006 Bahía Paracas, 003 Bahía Lagunillas, 005 Bahía Independencia  
Análisis Cuantitativo de Fitoplancton (Nº cel/L)  
4ta Semana



Semana: 25 al 31 de octubre de 2015

| ZONAS                                       | 006 BAHIA PARACAS | 003 BAHIA LAGUNILLAS |          |                    | 005 BAHIA INDEPENDENCIA |            |           |                  |      |      |          |                  |
|---------------------------------------------|-------------------|----------------------|----------|--------------------|-------------------------|------------|-----------|------------------|------|------|----------|------------------|
| AREAS                                       | ATENAS            | ARQUILLO             | ZÁRATE   | LA MINA LAGUNILLAS | LAGUNA GRANDE           | CANASTONES | STA. ROSA | TUNGA - EL QUESO |      |      | LA PAMPA | EL ANCLA-CHUCCIO |
| ESTACION                                    | 01-A-PAR          | 01-B-LAG             | 04-B-LAG | 02-B-LAG           | 01-A-IND                | 04-A-IND   | 07-A-IND  | 05-A-IND         |      |      | 08-A-IND | 03-A-IND         |
| PROFUNDIDAD (m)                             | ....              | ....                 | ....     | ....               | ....                    | ....       | ....      | ....             | .... | .... | ....     | ....             |
| TEMPERATURA (°C)                            | ....              | ....                 | ....     | ....               | ....                    | ....       | ....      | ....             | .... | .... | ....     | ....             |
| DIATOMEAS                                   |                   |                      |          |                    |                         |            |           |                  |      |      |          |                  |
| Grupo <i>Pseudo-nitzschia delicatissima</i> | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| Grupo <i>Pseudo-nitzschia seriata</i>       | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| DINOFLAGELADOS                              |                   |                      |          |                    |                         |            |           |                  |      |      |          |                  |
| <i>Alexandrium minutum</i>                  | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| <i>Alexandrium monilatum</i>                | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| <i>Alexandrium ostenfeldii</i>              | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| <i>Alexandrium peruvianum</i>               | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| <i>Alexandrium</i> sp.                      | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| <i>Azadinium spinosum</i>                   | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| <i>Cochlodinium polykrikoides</i>           | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| <i>Dinophysis acuminata</i>                 | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| <i>Dinophysis caudata</i>                   | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| <i>Dinophysis rotundata</i>                 | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| <i>Dinophysis tripos</i>                    | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| <i>Gonyaulax spinifera</i>                  | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| <i>Karenia</i> sp.                          | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| <i>Karlodinium</i> cf. <i>veneficum</i>     | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| <i>Lingulodinium polyedrum</i>              | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| <i>Prorocentrum lima</i>                    | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| <i>Prorocentrum minimum</i>                 | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| <i>Protoceratium reticulatum</i>            | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| <i>Protoperdinium crassipes</i>             | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |
| FITOFITAGELADOS                             |                   |                      |          |                    |                         |            |           |                  |      |      |          |                  |
| <i>Heterosigma akashiwo</i>                 | S/M               | S/M                  | S/M      | S/M                | S/M                     | S/M        | S/M       | S/M              | S/M  | S/M  | S/M      | S/M              |

S/M: Sin Monitoreo