Subsecretaría de Pesca y Acuicultura
Gobierno de Chile

**División de Acuicultura**

**Informe UAGPA N°37**
**Fecha: 31 de agosto de 2016.**

**Análisis de presencia de Banco Natural**

| Pert | profundidad de análisis | especie indicada en informe | Especie o grupo a evaluar | densidad m² Promedio (1) | densidad m² Promedio (2) | Densidad media por m² | Frecuencia de ocurrencia | Superficie muéstrable % | IPBAN calculado | IPBAN Max | Evaluación |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **211081051** | hasta 30 metros | Jaibas | | | | | | 60 | | | **No existe Banco Natural** |

**Nota:** El informe de inspeccion de terreno, informa de la presencia del recurso Jaiba, en el sector solicitado, el cual no se evaluó dado que mediante Resolución Subpesca N°387 de 2014, el recurso citado fue eliminado del listado de recursos hidrobiológicos en la determinación de Banco Natural. Por lo anterior se deja sin efecto el informe de análisis de banco natural N°21 de 2012.

**EDUARDO ANDERSON GERMAIN**
Jefe Unidad Análisis y Gestión de Procesos de Acuicultura

PPA/ppa
C.I. (Subpesca) N° 6516/11, 10917/12.

## 8.2 Área código 211081051, Oeste Estero Ranquilco.

**Tabla 1:** Vértices del área inspeccionada (DATUM PSAD-56).

| Código | Lat/Lon hddd mm'ss.s" | | Lat/Lon hddd.ddddd |
|---|---|---|---|
| 1A | S 37° 49' 57.59" | W 73° 35' 0.76" | S37.83352 W73.58351 |
| 1B | S 37° 49' 50.82" | W 73° 34' 46.81" | S37.83164 W73.57964 |
| 1C | S 37° 50' 4.65" | W 73° 34' 36.13" | S37.83548 W73.57665 |
| 1D | S 37° 50' 11.43" | W 73° 34' 50.09" | S37.83733 W73.58054 |

**Figura 2:** Batimetría del área solicitada, Comuna de Los Alamos.

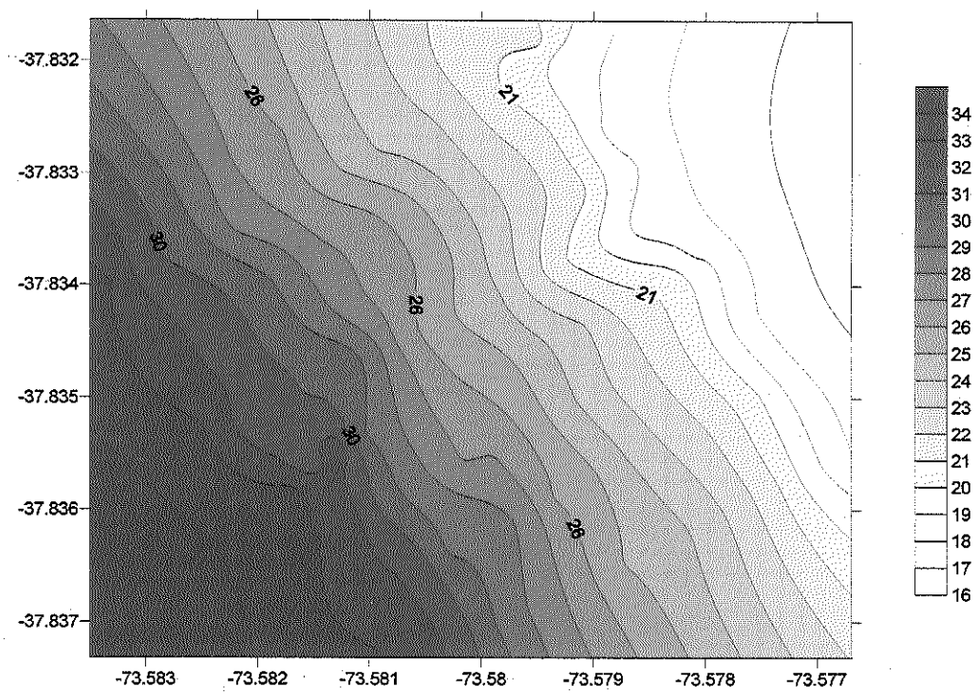
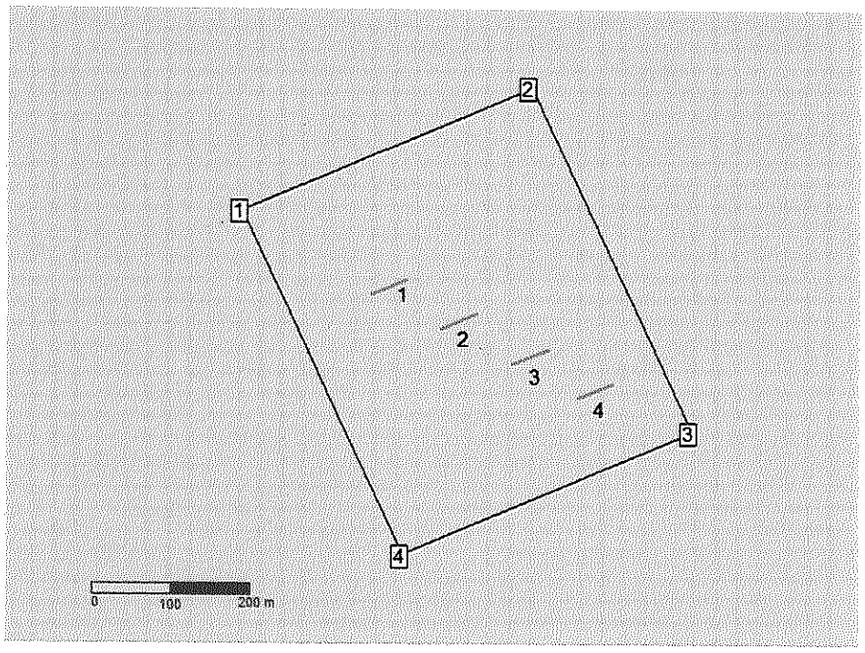


**Figura 3:** Muestra distribución de transectas dentro del área.




| Solicitud Nº | Solicitante |
|---|---|
| 211081051 | Salmones Caleta Bay S. A. |

| Región | Comuna | Área o Localidad |
|---|---|---|
| VIII | Los Alamos | Oeste Estero Ranquilco |

| Fecha | | |
|---|---|---|
| 27/01/2012 | Hora Inicio 09:04 / 10:51 | Embarcación: Nenuco |
| | Hora Termino 09:23 / 12:33 | MATRICULA: 3200 |

| Vértice | | Latitud | Longitud |
|---|---|---|---|
| 1 | | S 37° 49' 57.59" | W 73° 35' 0.76" |
| 2 | | S 37° 49' 50.82" | W 73° 34' 46.81" |
| 3 | | S 37° 50' 4.65" | W 73° 34' 36.13" |
| 4 | | S 37° 50' 11.43" | W 73° 34' 50.09" |

Carta SHOA 6000

Área (Há): 20,00

**Observaciones (Anotar situaciones u observaciones que expliquen o refuercen la inspección realizada)**

**Superficie muestreable aprox: 60 (%).**

| Hora de la Medición | Ajuste de Marea (m) | Prof. Máxima (Observada; Ajustada) | Prof. Mínima (Observada; Ajustada) |
|---|---|---|---|
| 9:14 | +0,3 | 34,1; 34,4 m | 18,0; 18,3 m |

**Posición geográfica de los extremos de las Unidades de Muestreo (boyerines)**

| | Latitud | Longitud | Latitud | Longitud |
|---|---|---|---|---|
| Transecta Nº1 | 37° 51' 34,37"S | 73° 33' 49,61"O | 37° 51' 33,70"S | 73° 33' 47,75"O |
| Transecta Nº2 | 37° 51' 35,86"S | 73° 33' 45,91"O | 37° 51' 35,20"S | 73° 33' 44,04"O |
| Transecta Nº3 | 37° 51' 37,29"S | 73° 33' 42,53"O | 37° 51' 36,63"S | 73° 33' 40,66"O |
| Transecta Nº4 | 37° 51' 38,80"S | 73° 33' 38,79"O | 37° 51' 38,14"S | 73° 33' 36,93"O |
| Transecta Nº5 | | | | |

**Transecta Nº 1** _____ Sin presencia de recursos

| Recursos hidrobiológicos | | | | Cuadrantes (0,25 mt² c/u) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Nombre común** | **Nombre científico** | **Estado (S/J/A)** | **Censo (transecta)** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** |
| Carola | *Callophyllis variegata* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cochayuyo | *Durvillaea antarctica* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cotoni | *Eucheuma cottonii* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chasca | *Gelidium rex* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chascón o huiro negro | *Lessonia nigrescens* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chicorea de mar | *Chondracanthus chamissoi* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Haematococcus | *Haematococcus pluvuaslis* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Huiro | *Macrocystis spp.* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Huiro palo | *Lessonia trabeculata* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lechuguilla | *Ulva lactuca* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Liquen gomoso | *Gymnogongrus furcellatus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Luche | *Porphyra columbina* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Luga-Luga | *Mazzaella membranacea* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Luga-Roja | *Gigartina skottsbergii* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Luga negra o crespa | *Sarcothalia crispata* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Luga cuchara o corta | *Mazzaella laminarioides* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pelillo | *Gracilaria spp.* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Almeja o taca | *Protothaca taca* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Caracol locate | *Thais chocolata* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Caracol palo palo | *Argobuccinum spp.* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Caracol picuyo | *Odontocymbiola magellanica* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Caracol piquilhue | *Adelomelon ancilla* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Caracol real o gigante o voluta angulosa | *Zidona dufresnei* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Caracol rubio | *Xantochorus cassidiformis* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Caracol tegula | *Tegula atra* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Caracol trophon | *Trophon gervesianus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Caracol trumulco | *Chorus giganteus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chitón o apretador | *Chiton spp.* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chocha | *Trochita trochiformes* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cholga | *Aulacomya ater* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chorito | *Mytilus chilensis* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Choro | *Choromytilus chorus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Culengue | *Gari solida* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Huepo o navaja de mar | *Ensis macha* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jibia o calamar rojo | *Dosidicus gigas* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Juliana o tawera | *Tawera gayi* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lapa | *Fissurella spp.* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lapa bonete | *Fissurella costata* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lapa negra | *Fissurella latimarginata* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lapa reina | *Fissurella maxima* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lapa rosada | *Fissurella cumingi* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Loco | *Concholepas concholepas* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Macha | *Mesodesma donacium* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Navajuela | *Tagelus dombeii* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ostión del norte | *Argopecten purpuratus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ostión del sur | *Chlamys vitrea* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ostión patagónico | *Chlamys patagonica* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ostra chilena | *Ostrea chilensis* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ostra del pacífico | *Crassostrea gigas* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pulpo | *Octopus mimus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pulpo del sur | *Enteroctopus megalociathus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Taquilla | *Mulinia edulis* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tumbao | *Semele solida* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cangrejo o panchote | *Taliepus dentatus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cangrejo dorado de Juan Fernández | *Chaceon chilensis* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Centolla | *Lithodes santolla* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Centolla del norte | *Lithodes spp.* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Centollón | *Paralomis granulosa* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Centollón del norte | *Paralomis spp.* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gamba | *Haliporoides diomedeae* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jaiba | *Cancer spp.* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jaiba limón | *Cancer porteri* | | **2** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| Jaiba marmola | *Cancer edwardsi* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jaiba mora | *Homalaspis plana* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jaiba patuda | *Taliepus marginatus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jaiba peluda o pachona | *Cancer setosus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jaiba reina | *Cancer coronatus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jaiva remadora | *Ovalipes trimaculatus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Picoroco | *Austromegabalanus psittacus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pulga saltarina o gambita | *Gammarus sp* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Erizo | *Loxechinus albus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Pepino de mar* | *Athyonidium chilensis* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Piure | *Pyura chilensis* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

**Tipo de Fondo:**
**Fondo Blando (conchuela, grava, arena, limo arcilla)** _____**100**____ %
**Fondo Semiduro (tertel, sedimento compacto)** _____ %
**Fondo Duro (roca, bolones)** _____ %

**Transecta Nº 2** _____ Sin presencia de recursos

| **Recursos hidrobiológicos** | | | | **Cuadrantes (0,25 mt$^2$ c/u)** | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Nombre común** | **Nombre científico** | **Estado (S/J/A)** | **Censo (transecta)** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** |
| Carola | *Callophyllis variegata* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cochayuyo | *Durvillaea antarctica* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cotoni | *Eucheuma cottonii* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chasca | *Gelidium rex* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chascón o huiro negro | *Lessonia nigrescens* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chicorea de mar | *Chondracanthus chamissoi* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Haematococcus | *Haematococcus pluvuaslis* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Huiro | *Macrocystis spp.* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Huiro palo | *Lessonia trabeculata* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lechuguilla | *Ulva lactuca* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Liquen gomoso | *Gymnogongrus furcellatus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Luche | *Porphyra columbina* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Luga-Luga | *Mazzaella membranacea* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Luga-Roja | *Gigartina skottsbergii* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Luga negra o crespa | *Sarcothalia crispata* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Luga cuchara o corta | *Mazzaella laminarioides* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pelillo | *Gracilaria spp.* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Almeja o taca | *Protothaca taca* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Caracol locate | *Thais chocolata* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Caracol palo palo | *Argobuccinum spp.* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Caracol | *Nassarius gayi* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Caracol piquilhue | *Adelomelon ancilla* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Caracol real o gigante o voluta angulosa | *Zidona dufresnei* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Caracol rubio | *Xantochorus cassidiformis* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Caracol tegula | *Tegula atra* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Caracol trophon | *Trophon gervesianus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Caracol trumulco | *Chorus giganteus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chitón o apretador | *Chiton spp.* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chocha | *Trochita trochiformes* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cholga | *Aulacomya ater* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chorito | *Mytilus chilensis* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Choro | *Choromytilus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *chorus* | | | | | | | | | | | | |
| Culengue | *Gari solida* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Huepo o navaja de mar | *Ensis macha* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jibia o calamar rojo | *Dosidicus gigas* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Juliana o tawera | *Tawera gayi* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lapa | *Fissurella spp.* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lapa bonete | *Fissurella costata* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lapa negra | *Fissurella latimarginata* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lapa reina | *Fissurella maxima* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lapa rosada | *Fissurella cumingi* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Loco | *Concholepas concholepas* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Macha | *Mesodesma donacium* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Navajuela | *Tagelus dombeii* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ostión del norte | *Argopecten purpuratus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ostión del sur | *Chlamys vitrea* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ostión patagónico | *Chlamys patagonica* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ostra chilena | *Ostrea chilensis* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ostra del pacífico | *Crassostrea gigas* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pulpo | *Octopus mimus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pulpo del sur | *Enteroctopus megalociathus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Taquilla | *Mulinia edulis* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tumbao | *Semele solida* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cangrejo o panchote | *Taliepus dentatus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cangrejo dorado de Juan Fernández | *Chaceon chilensis* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Centolla | *Lithodes santolla* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Centolla del norte | *Lithodes spp.* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Centollón | *Paralomis granulosa* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Centollón del norte | *Paralomis spp.* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gamba | *Haliporoides diomedeae* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jaiba | *Cancer spp.* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jaiba limón | *Cancer porteri* | | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jaiba marmola | *Cancer edwardsi* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jaiba mora | *Homalaspis plana* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jaiba patuda | *Taliepus marginatus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jaiba peluda o pachona | *Cancer setosus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jaiba reina | *Cancer coronatus* | | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jaiba remadora | *Ovalipes trimaculatus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Picoroco | *Austromegabalanus psittacus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pulga saltarina o gambita | *Gammarus sp* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Erizo | *Loxechinus albus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pepino de mar | *Athyonidium chilensis* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Piure | *Pyura chilensis* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

**Tipo de Fondo:** **Fondo Blando (conchuela, grava, arena, limo arcilla)** **_____100 ____ %**
**Fondo Semiduro (tertel, sedimento compacto)** **_____ %**
**Fondo Duro (roca, bolones)** **_____ %**

**Transecta Nº 3** _____ Sin presencia de recursos

| Recursos hidrobiológicos | | | | Cuadrantes (0,25 mt² c/u) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Nombre común** | **Nombre científico** | **Estado (S/J/A)** | **Censo (transecta)** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** |
| Carola | *Callophyllis variegata* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cochayuyo | *Durvillaea antarctica* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cotoni | *Eucheuma cottonii* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chasca | *Gelidium rex* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chascón o huiro negro | *Lessonia nigrescens* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chicorea de mar | *Chondracanthus chamissoi* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Haematococcus | *Haematococcus pluvuaslis* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Huiro | *Macrocystis spp.* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Huiro palo | *Lessonia trabeculata* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lechuguilla | *Ulva lactuca* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Liquen gomoso | *Gymnogongrus furcellatus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Luche | *Porphyra columbina* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Luga-Luga | *Mazzaella membranacea* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Luga-Roja | *Gigartina skottsbergii* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Luga negra o crespa | *Sarcothalia crispata* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Luga cuchara o corta | *Mazzaella laminarioides* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pelillo | *Gracilaria spp.* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Almeja o taca | *Protothaca taca* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Caracol locate | *Thais chocolata* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Caracol palo palo | *Argobuccinum spp.* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Caracol | *Nassarius gayi* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Caracol piquilhue | *Adelomelon ancilla* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Caracol real o gigante o voluta angulosa | *Zidona dufresnei* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Caracol rubio | *Xantochorus cassidiformis* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Caracol tegula | *Tegula atra* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Caracol trophon | *Trophon gervesianus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Caracol trumulco | *Chorus giganteus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chitón o apretador | *Chiton spp.* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chocha | *Trochita trochiformes* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cholga | *Aulacomya ater* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chorito | *Mytilus chilensis* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Choro | *Choromytilus chorus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Culengue | *Gari solida* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Huepo o navaja de mar | *Ensis macha* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jibia o calamar rojo | *Dosidicus gigas* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Juliana o tawera | *Tawera gayi* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lapa | *Fissurella spp.* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lapa bonete | *Fissurella costata* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lapa negra | *Fissurella latimarginata* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lapa reina | *Fissurella maxima* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lapa rosada | *Fissurella cumingi* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Loco | *Concholepas concholepas* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Macha | *Mesodesma donacium* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Navajuela | *Tagelus dombeii* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ostión del norte | *Argopecten purpuratus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ostión del sur | *Chlamys vitrea* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ostión patagónico | *Chlamys patagonica* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ostra chilena | *Ostrea chilensis* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ostra del pacífico | *Crassostrea gigas* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pulpo | *Octopus mimus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pulpo del sur | *Enteroctopus megalociathus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Taquilla | *Mulinia edulis* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tumbao | *Semele solida* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cangrejo o panchote | *Taliepus dentatus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cangrejo dorado de Juan Fernández | *Chaceon chilensis* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Centolla | *Lithodes santolla* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Centolla del norte | *Lithodes spp.* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Centollón | *Paralomis granulosa* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Centollón del norte | *Paralomis spp.* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gamba | *Haliporoides diomedeae* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jaiba | *Cancer spp.* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jaiba limón | *Cancer porteri* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jaiba marmola | *Cancer edwardsi* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jaiba mora | *Homalaspis plana* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jaiba patuda | *Taliepus marginatus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jaiba peluda o pachona | *Cancer setosus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jaiba reina | *Cancer coronatus* | | **1** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| Jaiba remadora | *Ovalipes trimaculatus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Picoroco | *Austromegabalanus psittacus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pulga saltarina o gambita | *Gammarus sp* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Erizo | *Loxechinus albus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pepino de mar | *Athyonidium chilensis* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Piure | *Pyura chilensis* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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|---|---|---|
| **Tipo de Fondo:** | **Fondo Blando (conchuela, grava, arena, limo arcilla)** | **____100____ %** |
| | **Fondo Semiduro (tertel, sedimento compacto)** | **_____ %** |
| | **Fondo Duro (roca, bolones)** | **_____ %** |

**Transecta Nº 4** _____ Sin presencia de recursos

| Recursos hidrobiológicos | | | | Cuadrantes (0,25 mt² c/u) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Nombre común** | **Nombre científico** | **Estado (S/J/A)** | **Censo (transecta)** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** |
| Carola | *Callophyllis variegata* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cochayuyo | *Durvillaea antarctica* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cotoni | *Eucheuma cottonii* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chasca | *Gelidium rex* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chascón o huiro negro | *Lessonia nigrescens* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chicorea de mar | *Chondracanthus chamissoi* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Haematococcus | *Haematococcus pluvuaslis* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Huiro | *Macrocystis spp.* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Huiro palo | *Lessonia trabeculata* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lechuguilla | *Ulva lactuca* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Liquen gomoso | *Gymnogongrus furcellatus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Luche | *Porphyra columbina* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Luga-Luga | *Mazzaella membranacea* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Luga-Roja | *Gigartina skottsbergii* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Luga negra o crespa | *Sarcothalia crispata* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Luga cuchara o corta | *Mazzaella laminarioides* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pelillo | *Gracilaria spp.* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Almeja o taca | *Protothaca taca* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Caracol locate | *Thais chocolata* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Caracol palo palo | *Argobuccinum* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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| | *spp.* | | | | | | | | | | | | |
| Caracol | *Nassarius gayi* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Caracol piquilhue | *Adelomelon ancilla* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Caracol real o gigante o voluta angulosa | *Zidona dufresnei* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Caracol rubio | *Xantochorus cassidiformis* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Caracol tegula | *Tegula atra* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Caracol trophon | *Trophon gervesianus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Caracol trumulco | *Chorus giganteus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chitón o apretador | *Chiton spp.* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chocha | *Trochita trochiformes* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cholga | *Aulacomya ater* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chorito | *Mytilus chilensis* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Choro | *Choromytilus chorus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Culengue | *Gari solida* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Huepo o navaja de mar | *Ensis macha* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jibia o calamar rojo | *Dosidicus gigas* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Juliana o tawera | *Tawera gayi* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lapa | *Fissurella spp.* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lapa bonete | *Fissurella costata* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lapa negra | *Fissurella latimarginata* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lapa reina | *Fissurella maxima* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lapa rosada | *Fissurella cumingi* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Loco | *Concholepas* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *concholepas* | | | | | | | | | | | | |
| Macha | *Mesodesma donacium* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Navajuela | *Tagelus dombeii* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ostión del norte | *Argopecten purpuratus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ostión del sur | *Chlamys vitrea* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ostión patagónico | *Chlamys patagonica* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ostra chilena | *Ostrea chilensis* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ostra del pacífico | *Crassostrea gigas* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pulpo | *Octopus mimus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pulpo del sur | *Enteroctopus megalociathus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Taquilla | *Mulinia edulis* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tumbao | *Semele solida* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cangrejo o panchote | *Taliepus dentatus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cangrejo dorado de Juan Fernández | *Chaceon chilensis* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Centolla | *Lithodes santolla* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Centolla del norte | *Lithodes spp.* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Centollón | *Paralomis granulosa* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Centollón del norte | *Paralomis spp.* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gamba | *Haliporoides diomedeae* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jaiba | *Cancer spp.* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jaiba limón | *Cancer porteri* | | **3** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| Jaiba marmola | *Cancer edwardsi* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jaiba mora | *Homalaspis plana* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jaiba patuda | *Taliepus marginatus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jaiba peluda o pachona | *Cancer setosus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jaiba reina | *Cancer coronatus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jaiba remadora | *Ovalipes trimaculatus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Picoroco | *Austromegabalanus psittacus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pulga saltarina o gambita | *Gammarus sp* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Erizo | *Loxechinus albus* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pepino de mar | *Athyonidium chilensis* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Piure | *Pyura chilensis* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

**Tipo de Fondo:**
**Fondo Blando (conchuela, grava, arena, limo arcilla)** _____**100** ____ **%**
**Fondo Semiduro (tertel, sedimento compacto)** _____ **%**
**Fondo Duro (roca, bolones)** _____ **%**

**Nombre Inspector:** **René Vega Rodríguez** **Nombre Capitán/Buzo:** **Jonathan Vergara Viveros**

**Firma Inspector** _____ **Firma Capitán/Buzo** _____

SERVICIO NACIONAL DE PESCA
REGION BIO BIO
MINISTERIO DE ECONOMIA FOMENTO Y TURISMO