Bilan\_Scorff

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### NOTA BENE

2021:  
- Séparer smolts 1+ vs 2+ - modele tacon: decoupler intercalibration vs modele d’estimation? + vérifier l’utilité des cut

2020:  
- IAS: pêche réalisée avec le Pulsium ; calibration en cours avec le Martin/pulsium  
- Smolt: estimation par classe d’âge? avec les proportions des âges / la série 2020  
- Adultes: Pièges non fonctionnels du 15 Mars au 11 Mai (COVID)  
- Recapture adultes hiver 2020: pêche à l’épuisette + pulsium intégré dans le modèle

### TABLEAU BILAN

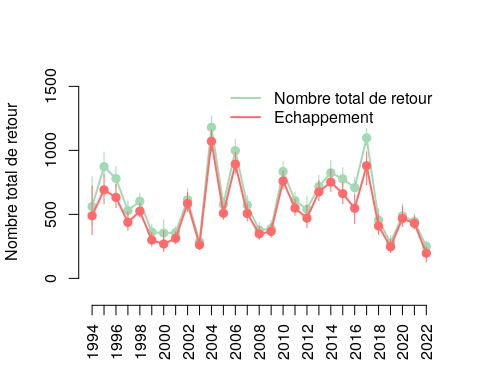
Tableau bilan pour le Scorff. Seules les valeurs médianes sont reportées

| Année | Tacon 0+ | Smolts (tous) | Smolts 1+ | 1HM (échappement) | PHM (échappement) |
| --- | --- | --- | --- | --- | --- |
| 1993 | 11050 | NA | NA | NA | NA |
| 1994 | 20180 | NA | NA | 437 | 48 |
| 1995 | 10610 | 6153 | 5763 | 652 | 39 |
| 1996 | 14970 | 2017 | 1581 | 575 | 56 |
| 1997 | 10320 | 9996 | 9821 | 408 | 28 |
| 1998 | 6674 | 4899 | 3900 | 503 | 21 |
| 1999 | 10820 | 2621 | 1708 | 232 | 66 |
| 2000 | 21410 | 3061 | 2699 | 261 | 6 |
| 2001 | 3243 | 11790 | 10950 | 282 | 31 |
| 2002 | 19390 | 1265 | 739 | 564 | 21 |
| 2003 | 15490 | 10150 | 9904 | 223 | 38 |
| 2004 | 25480 | 7895 | 7260 | 1017 | 53 |
| 2005 | 15820 | 10790 | 7810 | 413 | 94 |
| 2006 | 16970 | 7226 | 4903 | 815 | 75 |
| 2007 | 26900 | 7574 | 4082 | 427 | 78 |
| 2008 | 22600 | 10460 | 6712 | 275 | 71 |
| 2009 | 18960 | 13720 | 11600 | 262 | 103 |
| 2010 | 23380 | 10600 | 7617 | 697 | 63 |
| 2011 | 36240 | 8879 | 6799 | 353 | 195 |
| 2012 | 33010 | 8259 | 6354 | 351 | 117 |
| 2013 | 27180 | 8378 | 6461 | 577 | 97 |
| 2014 | 27700 | 10260 | 7396 | 626 | 124 |
| 2015 | 46490 | 6624 | 4760 | 523 | 137 |
| 2016 | 21990 | 9777 | 8577 | 481 | 65 |
| 2017 | 25880 | 6269 | 3698 | 757 | 122 |
| 2018 | 17490 | 5174 | 3880 | 282 | 124 |
| 2019 | 49040 | 5264 | 2770 | 212 | 34 |
| 2020 | 15710 | 8993 | 8018 | 429 | 37 |
| 2021 | 34990 | 6743 | 3474 | 391 | 38 |
| 2022 | 22130 | 7377 | 6507 | 126 | 72 |

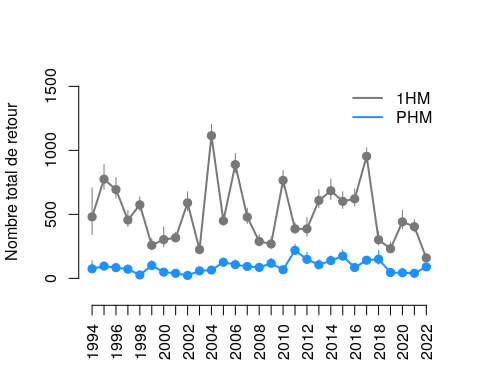
## ADULTES

A commenter

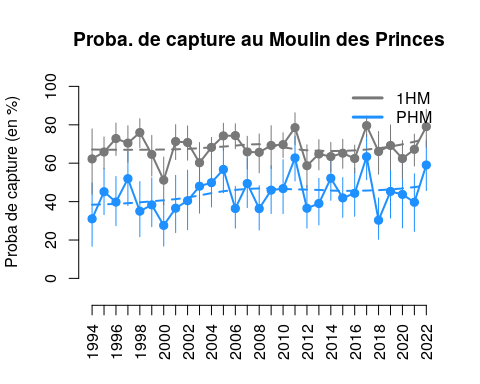
## Nombre total de retour et échappement



# Nombre total de retour par classe d’âge



# Proportion de saumon capturés au Moulin des Princes



# Probabilities to die from other cause than fishing (time, mark status and sea age dependent)

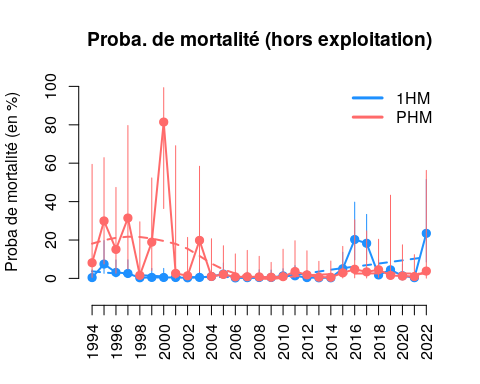
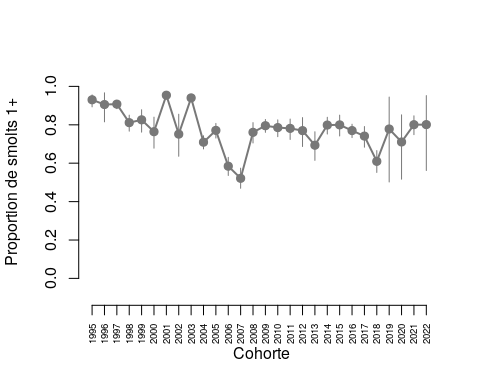
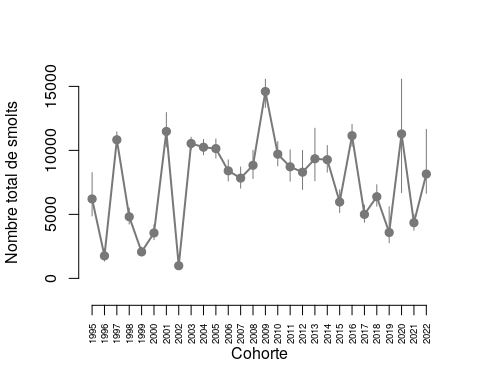
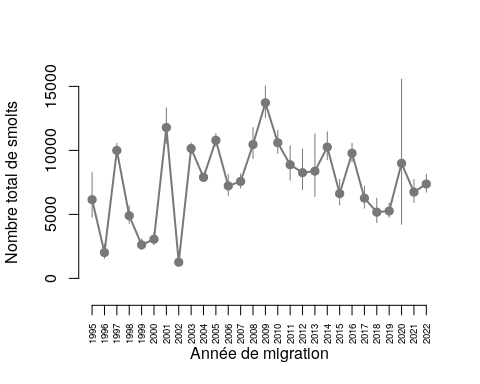


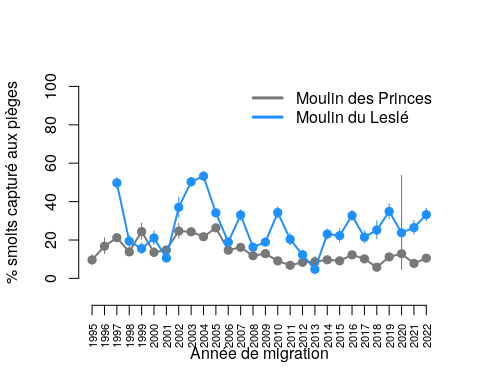
Tableau bilan mortalité naturelle (en %) pour le Scorff. Seules les valeurs médianes sont reportées

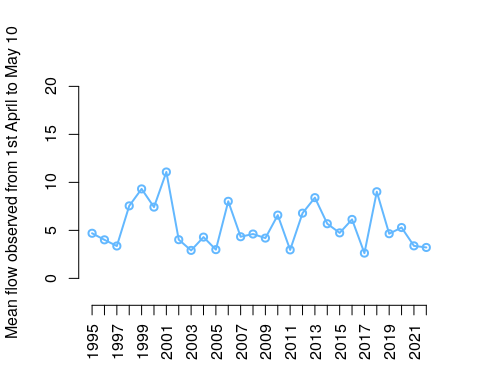
| Years | MSW | OneSW |
| --- | --- | --- |
| 1993 | 8.13600 | 0.21280 |
| 1994 | 29.92000 | 1.74800 |
| 1995 | 15.11500 | 2.98500 |
| 1996 | 31.44000 | 0.97735 |
| 1997 | 1.59800 | 0.19160 |
| 1998 | 18.89000 | 0.26965 |
| 1999 | 81.43000 | 0.25670 |
| 2000 | 2.60950 | 0.25330 |
| 2001 | 1.36850 | 0.17365 |
| 2002 | 19.80000 | 0.26620 |
| 2003 | 1.01250 | 0.71510 |
| 2004 | 2.08200 | 0.89925 |
| 2005 | 0.78860 | 0.14935 |
| 2006 | 0.87240 | 0.21250 |
| 2007 | 0.79030 | 0.25195 |
| 2008 | 0.61360 | 0.25275 |
| 2009 | 0.90150 | 0.98510 |
| 2010 | 3.57800 | 0.62390 |
| 2011 | 1.84100 | 0.22755 |
| 2012 | 0.65575 | 0.16980 |
| 2013 | 0.57245 | 0.16820 |
| 2014 | 2.89650 | 2.47700 |
| 2015 | 4.77000 | 13.50000 |
| 2016 | 3.39750 | 13.21500 |
| 2017 | 4.50300 | 0.74010 |
| 2018 | 1.56300 | 1.62400 |
| 2019 | 1.20300 | 0.55810 |
| 2020 | 0.96130 | 0.20665 |
| 2021 | 3.81800 | 7.81600 |

# SMOLTS

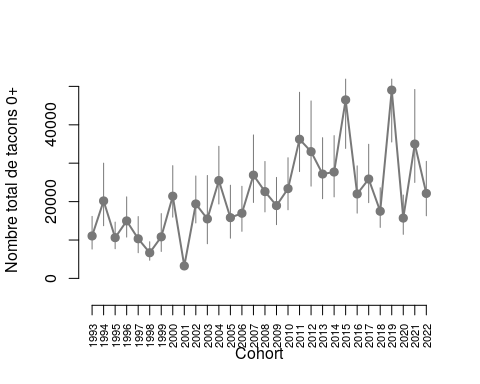
## Nombre de smolts estimés



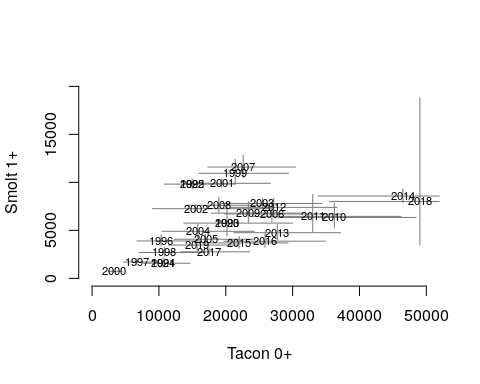
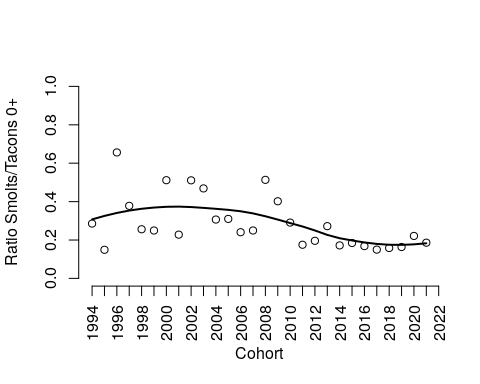




# TACON



1. Relation Parr-Smolt



Stock : number of anadromous adults escaped (available for reproduction) Recruitment: number of parr 0+

