

# Interactive comment on “Characterizing deep-water oxygen variability and seafloor community responses using a novel autonomous lander” by Natalya D. Gallo et al.

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We are happy to provide a table with the list of fish species observed, including minimum and maximum depths these taxa were encountered. Additionally, we have included the temperature and oxygen conditions for these observations. We propose to include this Table as a Supplement to the manuscript.

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C1

Fish Species	Deployment	Depth Range (m)	Temperature (°C)	Oxygen (μmol/kg)	Number of Video Clips Observed in
<i>Anarhichthys ocellatus</i>	D100-DM-Fall	99	11.25	134.40	1
<i>Apristurus brunneus</i>	D400-DM	399	7.27 - 7.50	26.70 - 30.76	4
<i>Cephaloscyllium ventriosum</i>	D200-LI-2	178	9.78 - 10.01	73.38 - 89.47	4
<i>Chilara taylori</i>	D200-LI-2, D100-DM-Fall, D100-DM-Spr	98 - 178	9.42 - 11.56	49.51 - 142.43	358
<i>Eptatretus stoutii</i>	D200-LI-2, D100-DM-Fall, D200-DM, D400-DM, D100-DM-Spr	98 - 399	7.10 - 11.46	22.54 - 138.67	124
<i>Facilella equatorialis</i>	D200-LI-2, D400-DM	399 - 178	7.07 - 10.00	21.55 - 90.32	130
<i>Genyonemus lineatus</i>	D200-LI-2	178	9.60 - 10.12	62.04 - 91.47	11
<i>Hydrologus coliei</i>	D200-LI-2, D100-DM-Fall, D200-DM, D400-DM, D100-DM-Spr	98 - 399	7.36 - 11.46	24.76 - 138.67	79
<i>Lycodes</i> sp.	D200-LI-2, D100-DM-Spr	98 - 192	9.19 - 11.60	50.18 - 144.76	283
<i>Lycenema barbatum</i>	D200-LI-2, D100-DM-Spr	98 - 178	9.86 - 10.09	74.44 - 109.69	4
<i>Lyopsetta exilis</i>	D400-DM	399	7.18	23.02	1
<i>Merluccius productus</i>	D200-DM, D300-DM, D400-DM, D100-DM-Spr	98 - 399	7.47 - 9.86	29.90 - 108.68	11
<i>Microstomus pacificus</i>	D200-LI-2, D400-DM	178 - 399	7.10 - 10.15	22.54 - 96.72	100
<i>Nesimia ilolepis</i>	D400-DM	399	7.19 - 7.39	23.43 - 29.63	9
<i>Ophiiodon elongatus</i>	D100-DM-Fall, D100-DM-Spr	98 - 99	9.63 - 11.29	103.2 - 134.3	9
<i>Osteichthys</i> unknown	D200-LI-2, D100-DM-Fall, D100-DM-Spr	98 - 192	9.19 - 11.89	49.51 - 146.99	414
<i>Oxylebius pictus</i>	D100-DM-Fall	99	11.26	136.90	1
<i>Pacific sanddab</i>	D200-LI-2, D100-DM	178 - 192	9.25 - 9.79	64.30 - 91.22	21
<i>Physiculus rastrelliger</i>	D100-DM-Spr	98 - 178	9.59 - 11.27	65.33 - 133.62	12
<i>Raja rhina</i>	D400-DM	399	7.15 - 7.44	23.57 - 30.20	2
<i>Rathbunella hypoplecta</i>	D200-LI-2, D100-DM-Fall, D100-DM-Spr	98 - 178	9.50 - 11.89	62.04 - 146.99	318
<i>Scorpaenopsis guttata</i>	D100-DM-Fall	99	11.03	132.26	1
<i>Sebastes caurinus</i>	D100-DM-Fall	99	10.48 - 11.20	119.2 - 133.10	3
<i>Sebastes diploperus</i>	D400-DM	399	7.32	27.11	1
<i>Sebastes elongatus</i>	D100-DM-Fall, D100-DM-Spr	98 - 99	9.56 - 11.59	100.27 - 142.16	40
<i>Sebastes lentiginosus</i>	D100-DM-Fall	99	10.80 - 11.60	126.60 - 144.80	13
<i>Sebastes miniatus</i>	D100-DM-Fall	99	10.63 - 11.24	124.0 - 137.3	15
<i>Sebastes ovalis</i>	D100-DM-Fall	99	11.17 - 11.50	131.1 - 139.8	3
<i>Sebastes paucispinis</i>	D100-DM-Fall, D100-DM-Spr	98 - 99	9.92 - 11.24	109.60 - 137.20	27
<i>Sebastes pinniger</i>	D100-DM-Fall, D100-DM-Spr	98 - 99	9.52 - 11.89	99.15 - 146.99	78
<i>Sebastes rosenoi</i>	D100-DM-Fall, D100-DM-Spr	98 - 99	9.64 - 11.55	106.65 - 141.20	38
<i>Sebastes rubrivinctus</i>	D100-DM-Fall, D100-DM-Spr	98 - 99	9.66 - 11.46	104.3 - 138.7	60
<i>Sebastes semistriatus</i>	D200-LI-2, D100-DM-Fall, D100-DM-Spr	98 - 178	9.42 - 11.89	74.42 - 146.99	1227
<i>Sebastes</i> sp. Dark orange	D100-DM-Spr	98	9.69 - 10.21	106.3 - 122.7	2
<i>Sebastes</i> sp. Unidentified	D200-LI-2, D100-DM-Fall, D200-DM, D100-DM-Spr	98 - 192	9.03 - 11.79	58.69 - 146.22	626
<i>Sebastolobus alcockianus</i>	D400-DM	399	7.19 - 7.49	23.41 - 30.61	38
<i>Scorpaenopsis</i>	D100-DM-Fall	99	10.92	138.90	1
<i>Skate</i>	D200-LI-2	178	9.86	76.89	1
<i>Squalus suckleyi</i>	D200-DM	192	9.41	71.73	1
<i>Symphurus</i> sp.	D200-LI-2	178	9.76 - 10.29	68.87 - 97.94	15
<i>Synodus lucioceps</i>	D200-LI-2, D100-DM-Fall, D200-DM	99 - 192	9.22 - 11.50	56.80 - 139.78	210
<i>Unidentified shark</i>	D100-DM-Fall, D200-DM	99 - 192	9.57 - 10.71	71.49 - 124.82	2
<i>Xenodermus latifrons</i>	D200-LI-2, D200-DM, D400-DM	178 - 399	7.08 - 10.28	22.27 - 95.11	324
<i>Zalembius rosenoi</i>	D100-DM-Fall, D100-DM-Spr	98 - 99	9.90 - 11.34	109.5 - 140.2	13
<i>Zoniilepis frenata</i>	D100-DM-Fall	99	10.80 - 11.31	126.6 - 137.3	5
<i>Zoniilepis</i> spp.	D200-LI-2, D100-DM-Fall, D200-DM, D100-DM-Spr	98 - 192	9.12 - 11.73	64.86 - 146.99	220

Fig. 1. Fish Observations Table

C2