

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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Discussion paper



Fish Species	Deployment	Depth Range (m)	Temperature (°C)	Oxygen (µmol/kg)	Number of Video Clips Observed in
<i>Anarrhichthys 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 taylora</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>Facciola equatorialis</i>	D200-LI-2, D400-DM	399- 178	7.07- 10.00	21.55- 30.32	130
<i>Genyonemus lineatus</i>	D200-LI-2	178	9.60- 10.12	62.04- 91.47	11
<i>Hydrolagus collieri</i>	D200-LI-2, D100-DM-Fall, D200-DM, D400-DM, D100-DM-Spr	98- 399	7.26- 11.46	24.76- 138.67	79
<i>Lycodes sp.</i>	D200-LI-2, D100-DM-Fall, D200-DM, D100-DM-Spr	98- 192	9.19- 11.60	50.18- 144.76	283
<i>Lycomena barbatum</i>	D200-LI-2, D100-DM-Spr	98- 178	9.86- 10.09	74.44- 109.69	4
<i>Lycopsetta 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>Microrstomus pacificus</i>	D200-LI-2, D400-DM	178- 399	7.10- 10.15	22.54- 96.72	100
<i>Nezumia lialepis</i>	D400-DM	399	7.19- 7.39	23.43- 29.63	9
<i>Ophiodon elongatus</i>	D100-DM-Fall, D100-DM-Spr	98- 99	9.63- 11.29	103.2- 134.3	9
<i>Osteichthyes unknown</i>	D200-LI-2, D100-DM-Fall, D200-DM, D100-DM-Spr	98- 192	9.19- 11.89	49.51- 146.99	414
<i>Oxybelus pictus</i>	D100-DM-Fall	99	11.26	136.90	1
Pacific sanddab	D100-LI-2, D200-DM	178- 192	9.25- 9.79	64.30- 91.22	21
<i>Physiculus rastrelliger</i>	D200-LI-2, D100-DM-Fall, 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>Scorpaena 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 diploproa</i>	D400-DM	399	7.32	27.11	1
<i>Sebastes elongatus</i>	D100-DM-Fall, D100-DM-Spr	98- 99	9.55- 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 rosaceus</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 semicinctus</i>	D200-LI-2, D100-DM-Fall, D100-DM-Spr	98- 178	9.42- 11.89	74.42- 146.99	1227
<i>Sebastes Sp. Dark orange</i>	D100-DM-Spr	98	9.69- 10.21	106.3- 122.7	2
<i>Sebastes sp. Unidentified</i>	D200-LI-2, D100-DM-Fall, D200-DM, D100-DM-Spr	98- 192	9.03- 11.79	58.69- 146.22	626
<i>Sebastolobus alascanus</i>	D400-DM	399	7.19- 7.49	23.41- 30.61	38
<i>Seriophilus politus</i>	D100-DM-Fall	99	10.92	128.90	1
Skate	D200-LI-2	178	9.86	76.89	1
<i>Squalus suckleyi</i>	D200-DM	192	9.41	71.73	1
<i>Symphurus sp.</i>	D200-LI-2	178	9.76- 10.29	68.87- 97.94	15
<i>Synodus lucioceps</i>	D200-DM	99- 192	9.22- 11.50	56.80- 139.78	210
Unidentified shark	D100-DM-Fall, D200-DM	99- 192	9.57- 10.71	71.49- 124.82	2
<i>Xeneretmus latifrons</i>	D200-LI-2, D200-DM, D400-DM	178- 399	7.08- 10.28	22.27- 95.11	324
<i>Zalemibus roseaceus</i>	D100-DM-Fall, D100-DM-Spr	98- 99	9.90- 11.34	109.5- 140.2	13
<i>Zaniiolepis frenata</i>	D100-DM-Fall	99	10.80- 11.31	126.6- 137.3	5
<i>Zaniiolepis spp.</i>	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