No.	Taxon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
1	*Ophiocara* JN021237 Philippines
2	*Ophiocara* JN021238 Philippines	0.4
3	*Ophiocara* 12656 Palau	0.2	0.2
4	*Ophiocara* JN021236 Philipines	0.2	0.2	0
5	*Ophiocara* JN021235 Philippines	0.2	0.2	0	0
6	*Ophiocara* MH085797 Indonesia	0.4	0.4	0.2	0.2	0.2
7	Ophiocara_5247_Micronesia	1.8	1.8	1.6	1.6	1.6	1.3
8	*Ophiocara* 17579 Solomon	1.6	1.6	1.3	1.3	1.3	1.1	0.2
9	Ophiocara_5246_Micronesia	1.6	1.6	1.3	1.3	1.3	1.1	0.2	0
10	Ophiocara_5248_Micronesia	1.6	1.6	1.3	1.3	1.3	1.1	0.2	0	0
11	Ophiocara_Ophiocara2_New Caledonia	1.6	1.6	1.3	1.3	1.3	1.1	0.2	0	0	0
12	*Ophiocara* Ophiocara3 Palau	1.6	1.6	1.3	1.3	1.3	1.1	0.2	0	0	0	0
13	*Ophiocara* without tag Solomon	1.6	1.6	1.3	1.3	1.3	1.1	0.2	0	0	0	0	0
14	*Ophiocara* 17840 Solomon	1.6	1.6	1.3	1.3	1.3	1.1	0.2	0	0	0	0	0	0
15	*Ophiocara* 17584 Solomon	1.6	1.6	1.3	1.3	1.3	1.1	0.2	0	0	0	0	0	0	0
16	*Ophiocara* 17596 Solomon	1.6	1.6	1.3	1.3	1.3	1.1	0.2	0	0	0	0	0	0	0	0
17	*Ophiocara* 12652-1 Vanuatu	1.6	1.6	1.3	1.3	1.3	1.1	0.2	0	0	0	0	0	0	0	0	0
18	*Ophiocara* 12528 Micronesia	1.6	1.6	1.3	1.3	1.3	1.1	0.2	0	0	0	0	0	0	0	0	0	0
19	*Ophiocara* 5249 Micronesia	1.6	1.6	1.3	1.3	1.3	1.1	0.2	0	0	0	0	0	0	0	0	0	0	0
20	*Ophiocara* 12529 Micronesia	1.6	1.6	1.3	1.3	1.3	1.1	0.2	0	0	0	0	0	0	0	0	0	0	0	0
21	*Ophiocara* 6843 Palau	1.6	1.6	1.3	1.3	1.3	1.1	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0
22	*Ophiocara* 12652-2 Vanuatu	1.6	1.6	1.3	1.3	1.3	1.1	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	*Ophiocara* 17562 Solomon	1.6	1.6	1.3	1.3	1.3	1.1	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	*Ophiocara* 17537 Solomon	1.6	1.6	1.3	1.3	1.3	1.1	1.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
25	*Ophiocara* GOBY131-07 Australia	1.6	1.6	1.3	1.3	1.3	1.1	1.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0
26	*Ophiocara* 17538 Solomon	1.8	1.8	1.6	1.6	1.6	1.3	1.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.2	0.2
27	*Ophiocara* KP194840 Australia	1.8	1.8	1.6	1.6	1.6	1.3	1.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.2	0.2	0
28	*Ophiocara* KP194189 Australia	1.8	1.8	1.6	1.6	1.6	1.3	1.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.2	0.2	0	0
29	Ophiocara_Ophiocara1_New Caledonia	1.8	1.8	1.6	1.6	1.6	1.3	1.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.2	0.2	0	0	0
30	*Ophiocara* KY849537 Malaysia	9	9	8.7	8.7	8.7	8.7	9.2	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	8.1	8.1	8.3	8.3	8.3	8.3
31	*Ophiocara* 12660-2 Seychelles	7.6	7.6	7.4	7.4	7.4	7.4	8.1	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.6	7.6	7.8	7.8	7.8	7.8	9
32	*Ophiocara* 12653 Madagascar	8.1	8.1	7.8	7.8	7.8	7.8	8.5	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.1	8.1	8.3	8.3	8.3	8.3	8.5	1.1
33	*Ophiocara* 12589 Seychelles	8.1	8.1	7.8	7.8	7.8	7.8	8.5	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.1	8.1	8.3	8.3	8.3	8.3	8.3	0.9	0.2
34	*Ophiocara* Ophio-adult1 Seychelles	8.1	8.1	7.8	7.8	7.8	7.8	8.5	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.1	8.1	8.3	8.3	8.3	8.3	8.3	0.9	0.2	0
35	*Ophiocara* 12531 Mayotte	8.1	8.1	7.8	7.8	7.8	7.8	8.5	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.1	8.1	8.3	8.3	8.3	8.3	8.3	0.9	0.2	0	0
36	*Ophiocara* 12532 Mayotte	8.1	8.1	7.8	7.8	7.8	7.8	8.5	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.1	8.1	8.3	8.3	8.3	8.3	8.3	0.9	0.2	0	0	0
37	*Ophiocara* 12534 Mayotte	8.1	8.1	7.8	7.8	7.8	7.8	8.5	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.1	8.1	8.3	8.3	8.3	8.3	8.3	0.9	0.2	0	0	0	0
38	*Ophiocara* 12733 Seychelles	8.1	8.1	7.9	7.9	7.9	7.9	8.5	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.1	8.1	8.3	8.3	8.3	8.3	8.3	0.9	0.2	0	0	0	0	0
39	*Ophiocara* Ophio-01 Seychelles	8.1	8.1	7.8	7.8	7.8	7.8	8.5	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.1	8.1	8.3	8.3	8.3	8.3	8.3	0.9	0.2	0	0	0	0	0	0
40	*Ophiocara* Ophio-02 Seychelles	8.1	8.1	7.8	7.8	7.8	7.8	8.5	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.1	8.1	8.3	8.3	8.3	8.3	8.3	0.9	0.2	0	0	0	0	0	0	0
41	*Ophiocara* Ophio-03 Seychelles	8.1	8.1	7.8	7.8	7.8	7.8	8.5	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.1	8.1	8.3	8.3	8.3	8.3	8.3	0.9	0.2	0	0	0	0	0	0	0	0
42	*Ophiocara* Ophio-adult2 Seychelles	8.1	8.1	7.8	7.8	7.8	7.8	8.5	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.1	8.1	8.3	8.3	8.3	8.3	8.3	0.9	0.2	0	0	0	0	0	0	0	0	0
43	*Ophiocara* Ophio-juv1 Seychelles	8.1	8.1	7.8	7.8	7.8	7.8	8.5	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.1	8.1	8.3	8.3	8.3	8.3	8.3	0.9	0.2	0	0	0	0	0	0	0	0	0	0
44	*Ophiocara* Ophio-juv2 Seychelles	8.1	8.1	7.8	7.8	7.8	7.8	8.5	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.1	8.1	8.3	8.3	8.3	8.3	8.3	0.9	0.2	0	0	0	0	0	0	0	0	0	0	0
45	***Ophiocara madagascariensis* MNHN-A-2709 Madagascar***	8.1	8.1	7.8	7.8	7.8	7.8	8.5	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.1	8.1	8.3	8.3	8.3	8.3	8.3	0.9	0.2	0	0	0	0	0	0	0	0	0	0	0	0
46	*Ophiocara* 12655 Mayotte	8.1	8.1	7.8	7.8	7.8	7.8	8.5	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.1	8.1	8.3	8.3	8.3	8.3	8.3	0.9	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0
47	*Ophiocara* 12659-1 Seychelles	8.1	8.1	7.8	7.8	7.8	7.8	8.5	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.1	8.1	8.3	8.3	8.3	8.3	8.3	0.9	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	*Ophiocara* 12659-2 Seychelles	8.1	8.1	7.8	7.8	7.8	7.8	8.5	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.1	8.1	8.3	8.3	8.3	8.3	8.3	0.9	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	*Ophiocara* 12660-1 Seychelles	8.1	8.1	7.8	7.8	7.8	7.8	8.5	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.1	8.1	8.3	8.3	8.3	8.3	8.3	0.9	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	*Ophiocara* Ophiocara4 Moheli	8.1	8.1	7.8	7.8	7.8	7.8	8.5	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.1	8.1	8.3	8.3	8.3	8.3	8.3	0.9	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	*Ophiocara* SAIAB645-07 Seychelles	8.1	8.1	7.8	7.8	7.8	7.8	8.5	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.1	8.1	8.3	8.3	8.3	8.3	8.3	0.9	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	*Ophiocara* SAIAB650-07 Seychelles	8.1	8.1	7.8	7.8	7.8	7.8	8.5	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.1	8.1	8.3	8.3	8.3	8.3	8.3	0.9	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	*Ophiocara* 14511 Mayotte	8.1	8.1	7.8	7.8	7.8	7.8	8.5	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.1	8.1	8.3	8.3	8.3	8.3	8.3	0.9	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	*Ophiocara* 14512 Mayotte	8.1	8.1	7.8	7.8	7.8	7.8	8.5	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.1	8.1	8.3	8.3	8.3	8.3	8.3	0.9	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	*Ophiocara* 14513 Mayotte	8.1	8.1	7.8	7.8	7.8	7.8	8.5	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.1	8.1	8.3	8.3	8.3	8.3	8.3	0.9	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	*Ophiocara* 14514 Mayotte	8.1	8.1	7.8	7.8	7.8	7.8	8.5	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.1	8.1	8.3	8.3	8.3	8.3	8.3	0.9	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	*Ophiocara* 14515 Mayotte	8.1	8.1	7.8	7.8	7.8	7.8	8.5	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.1	8.1	8.3	8.3	8.3	8.3	8.3	0.9	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	*Ophiocara* 14516 Mayotte	8.1	8.1	7.8	7.8	7.8	7.8	8.5	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.1	8.1	8.3	8.3	8.3	8.3	8.3	0.9	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	*Ophiocara* B121 Mayotte	8.1	8.1	7.8	7.8	7.8	7.8	8.5	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.1	8.1	8.3	8.3	8.3	8.3	8.3	0.9	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	*Giuris aporocephalus* 6829 PNG	18.6	18.4	18.4	18.4	18.4	18.4	18.6	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.2	18.2	18.2	18.2	18.4	18.6	18.8	18.6	18.6	18.6	18.6	18.6	18.7	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	