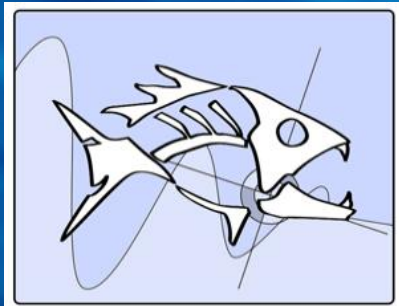
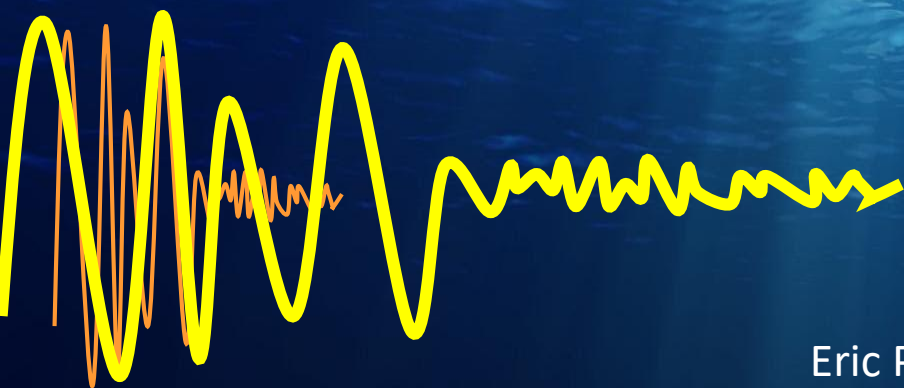
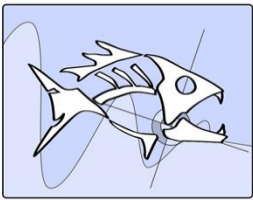




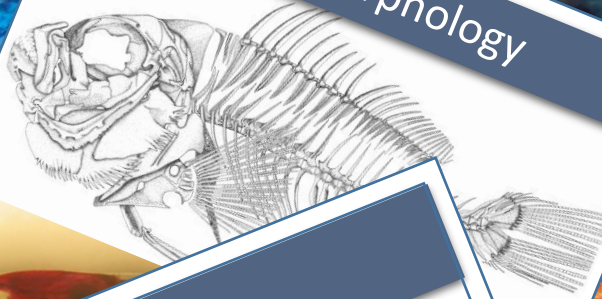
How and Why recording anemonefish?



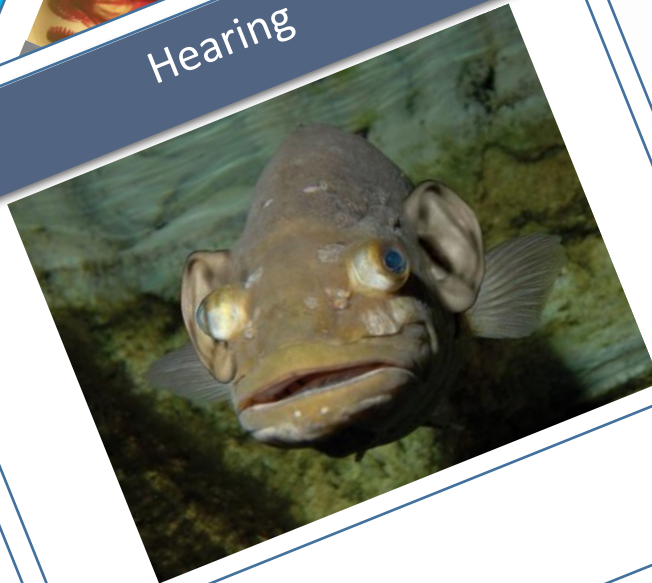
Eric Parmentier
Marine Bande



(Eco)Morphology

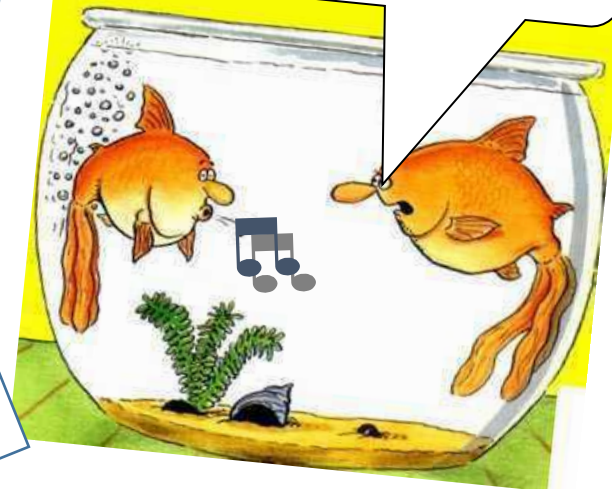


Hearing



Sound production

It's no use whistling – I can see the bubbles coming out of your bottom

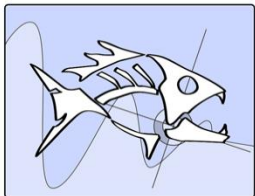


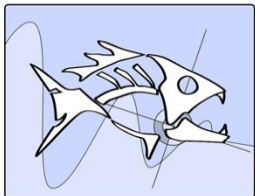


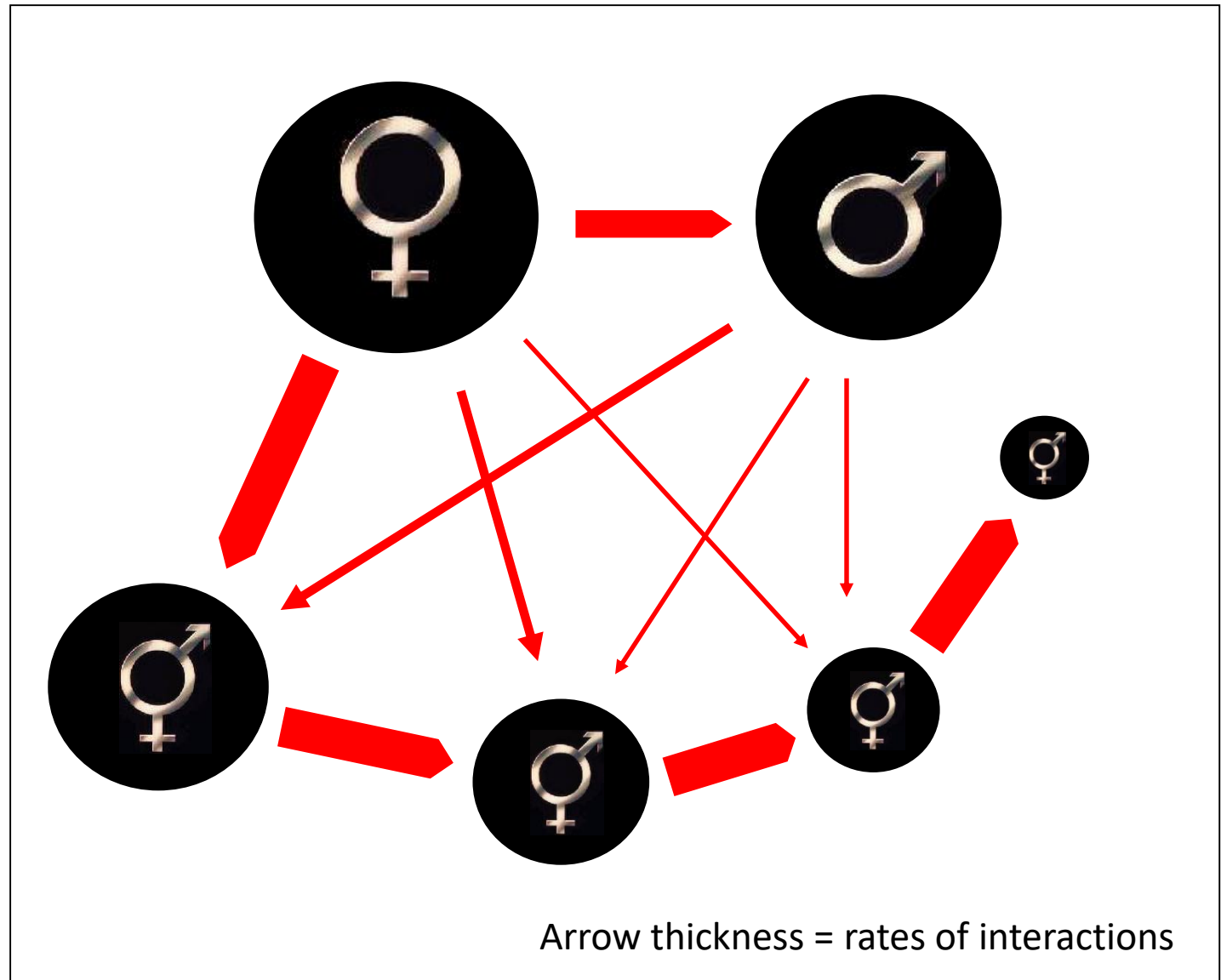
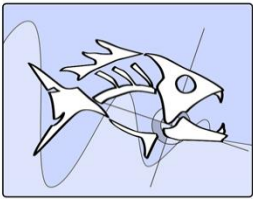
36. 000 species
800 families

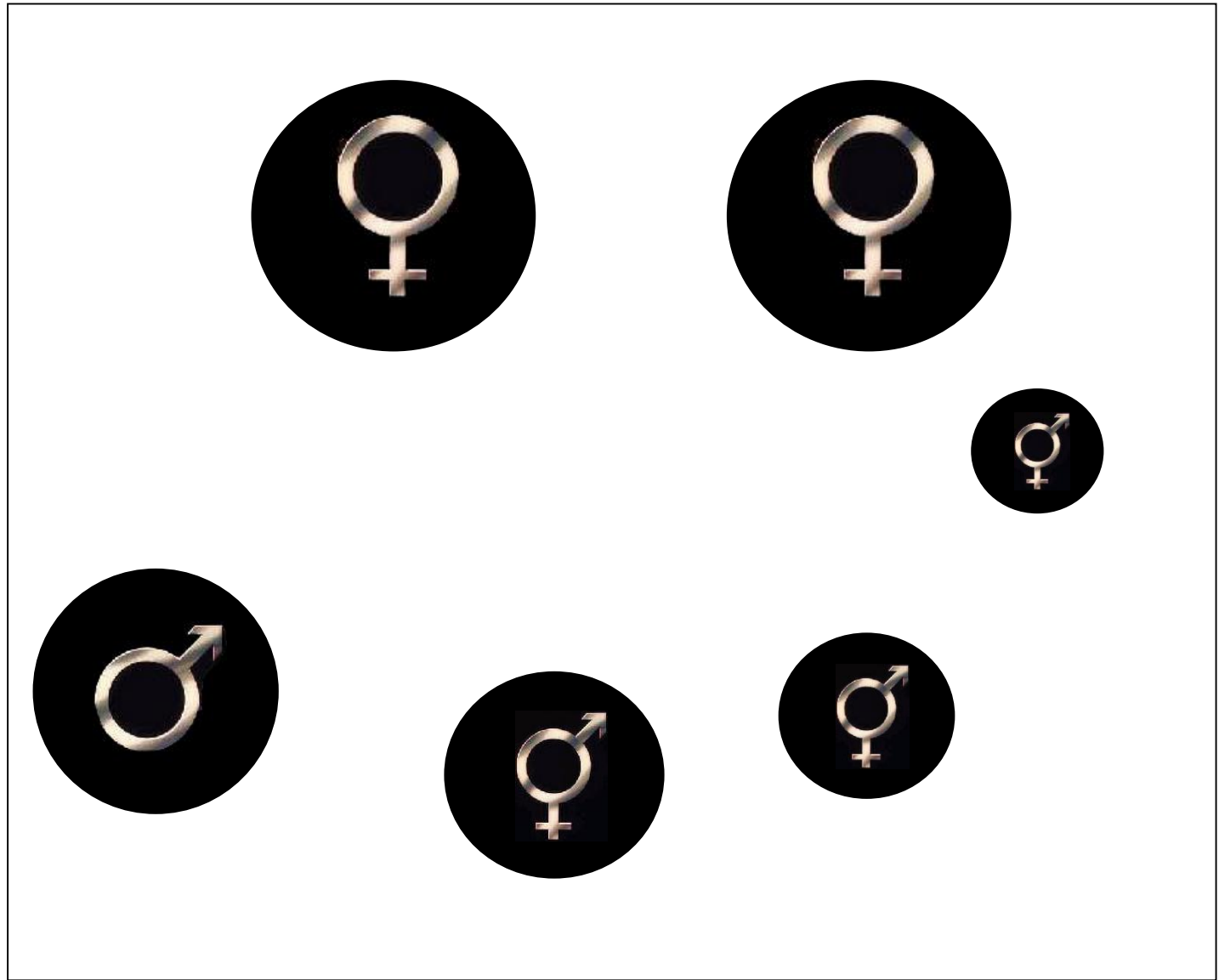
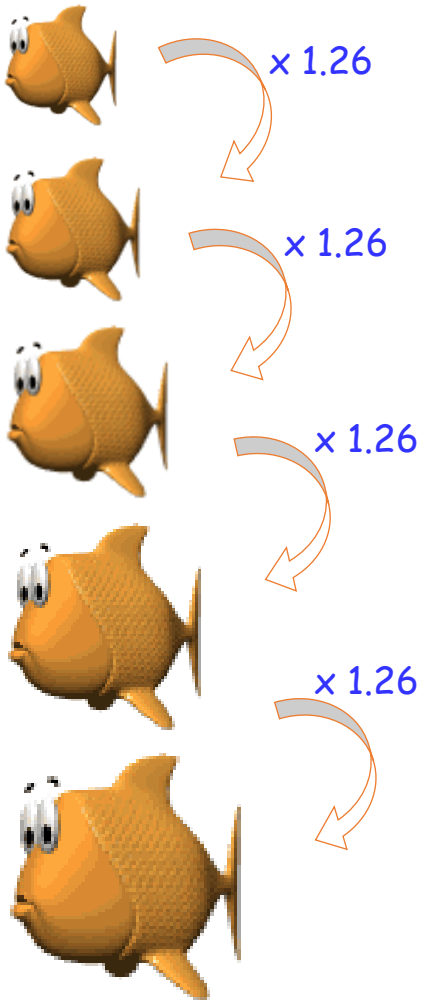
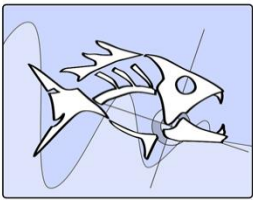
120

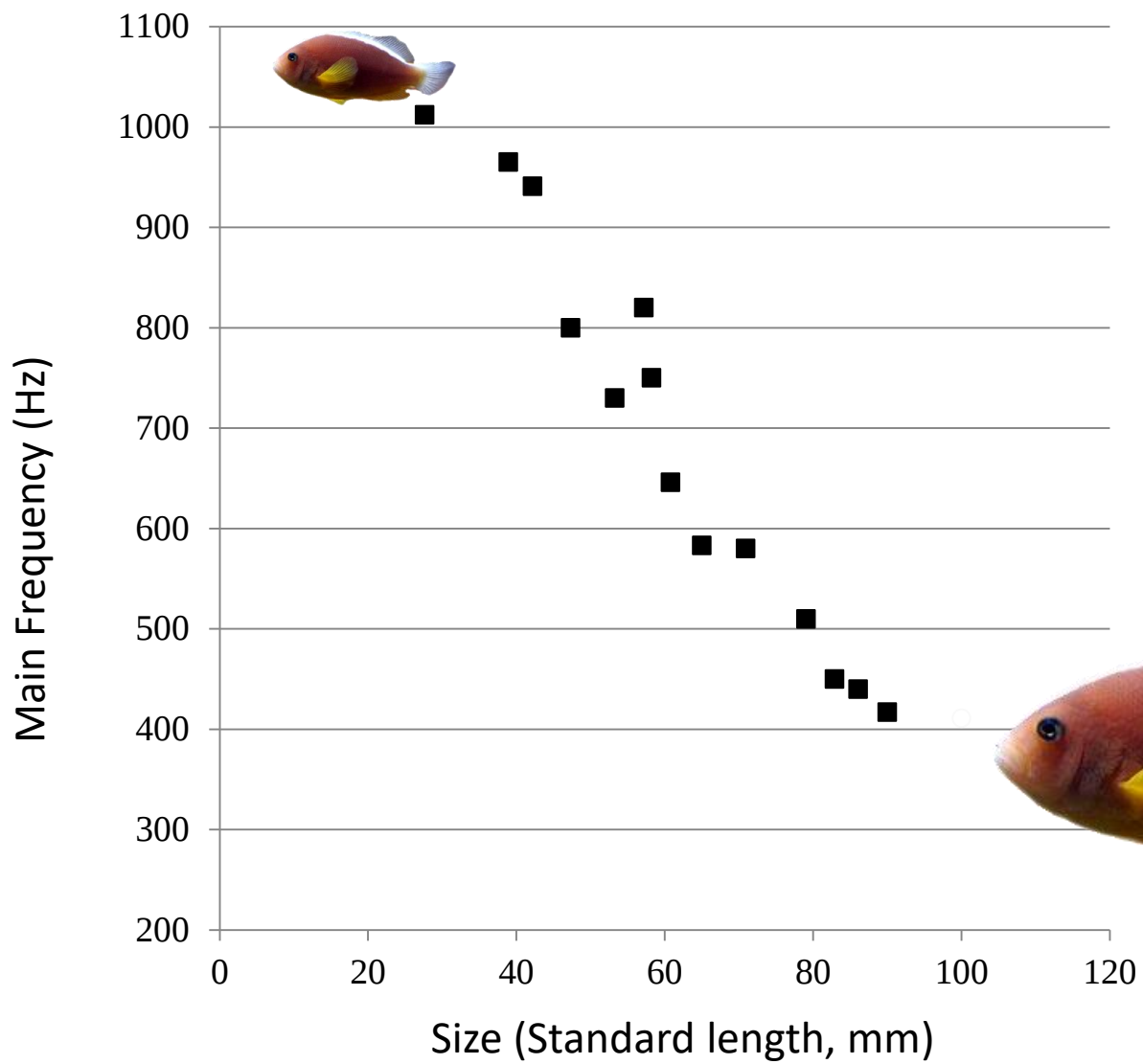
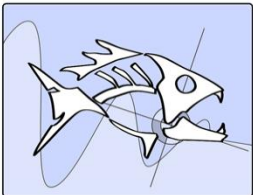


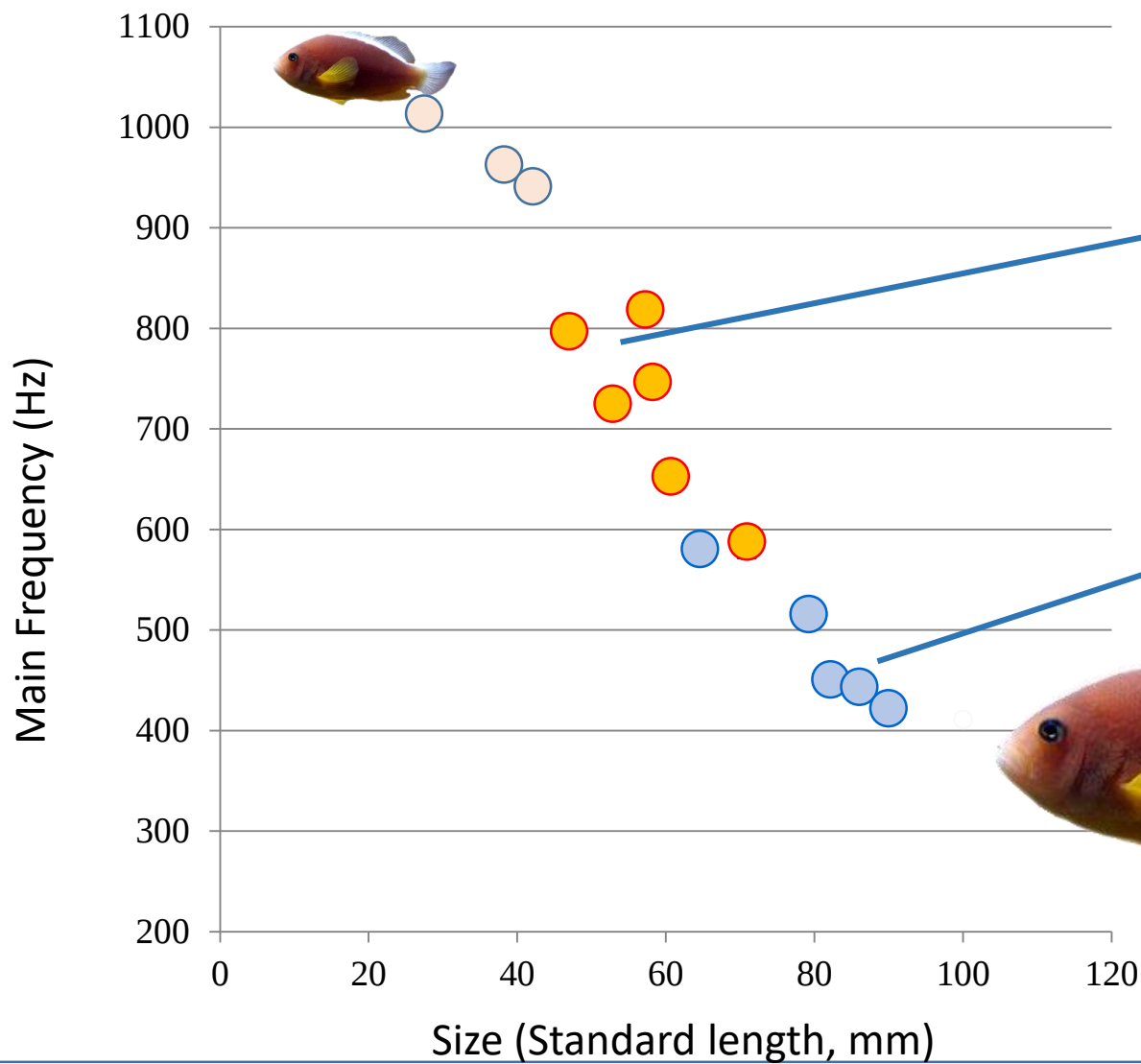
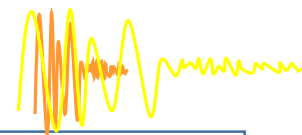
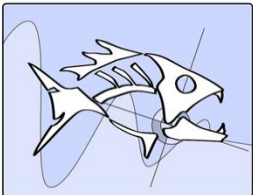








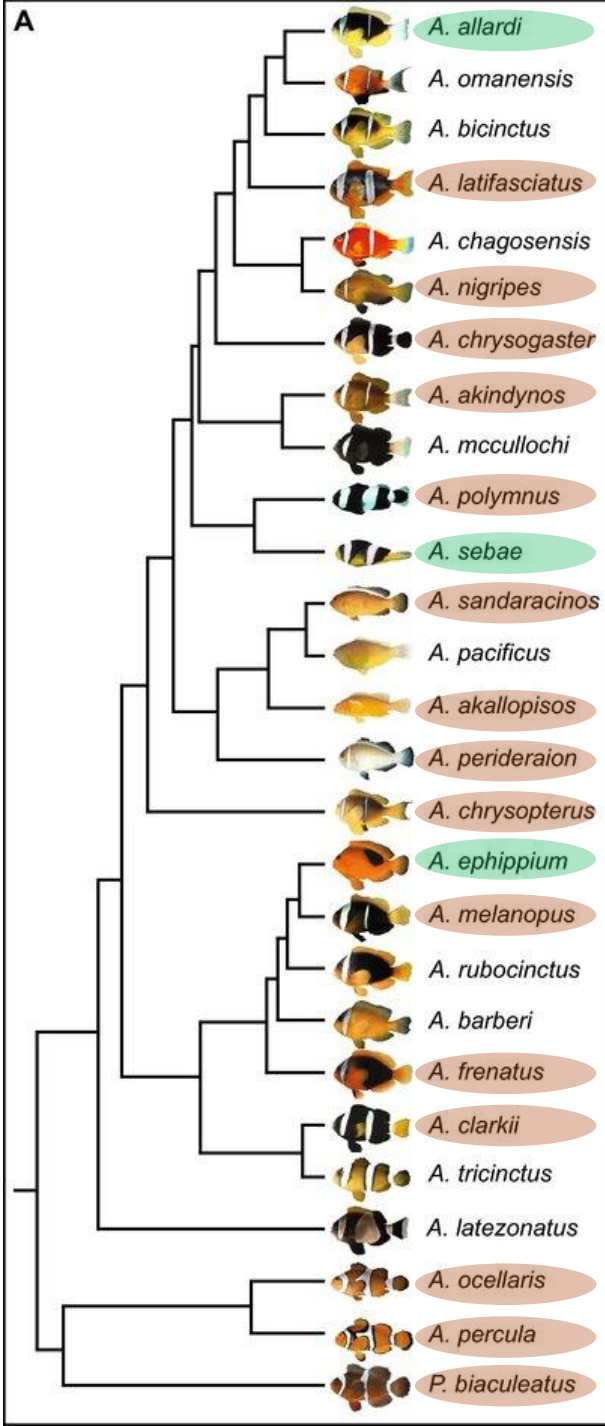
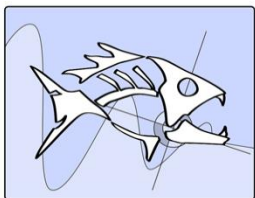


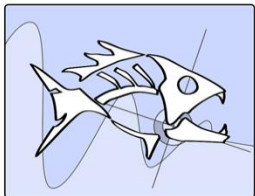


Sol



La





A. chrysopterus



A. akyndinos



A. nigripes



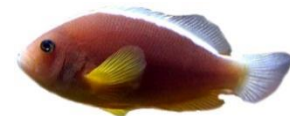
A. latifasciatus



A. perideraion



A. sandaracinos



A. akallopisos



A. percula



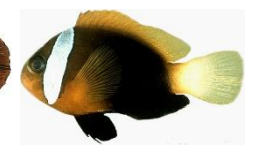
A. ocellaris



A. polymnus

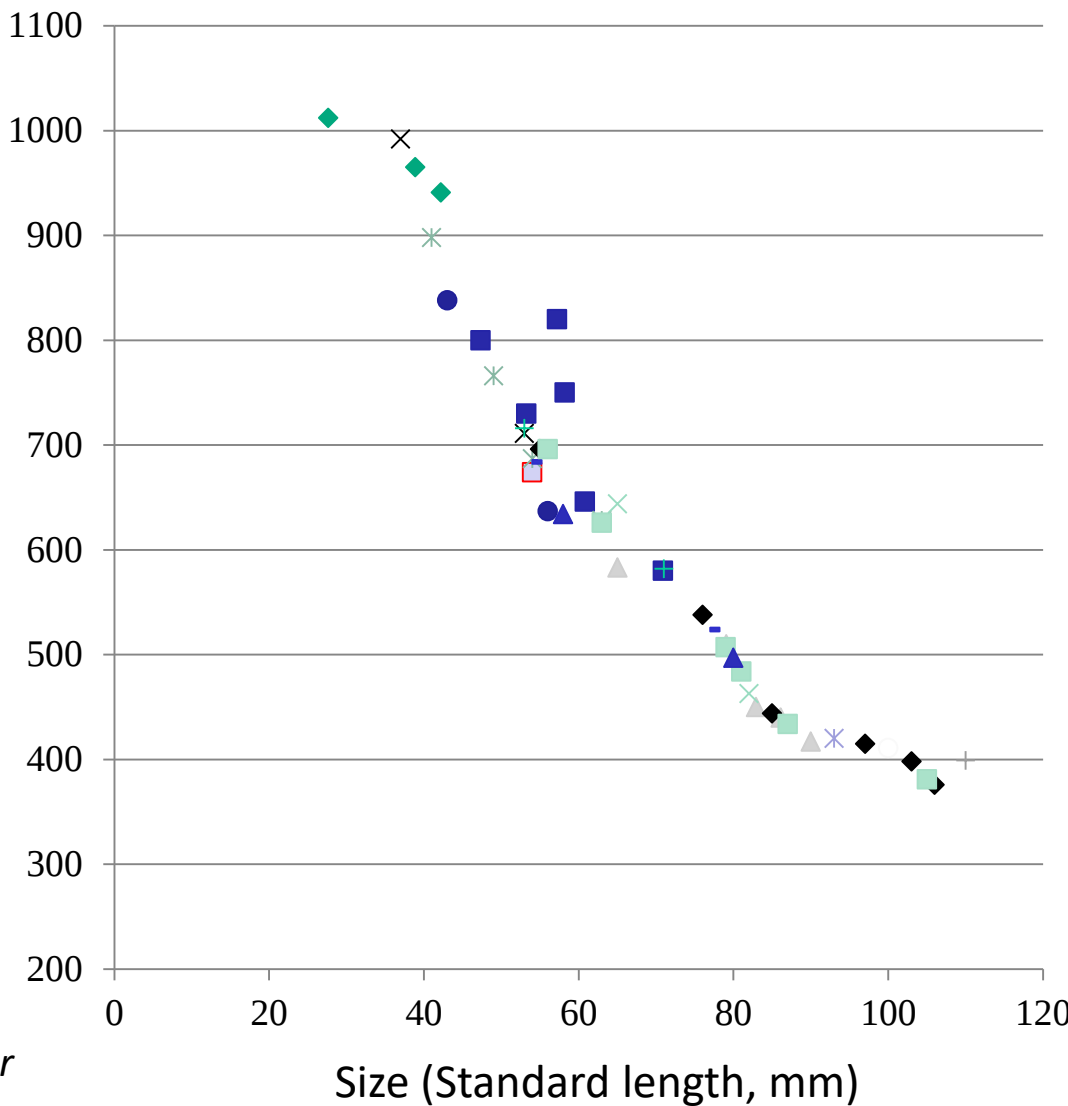


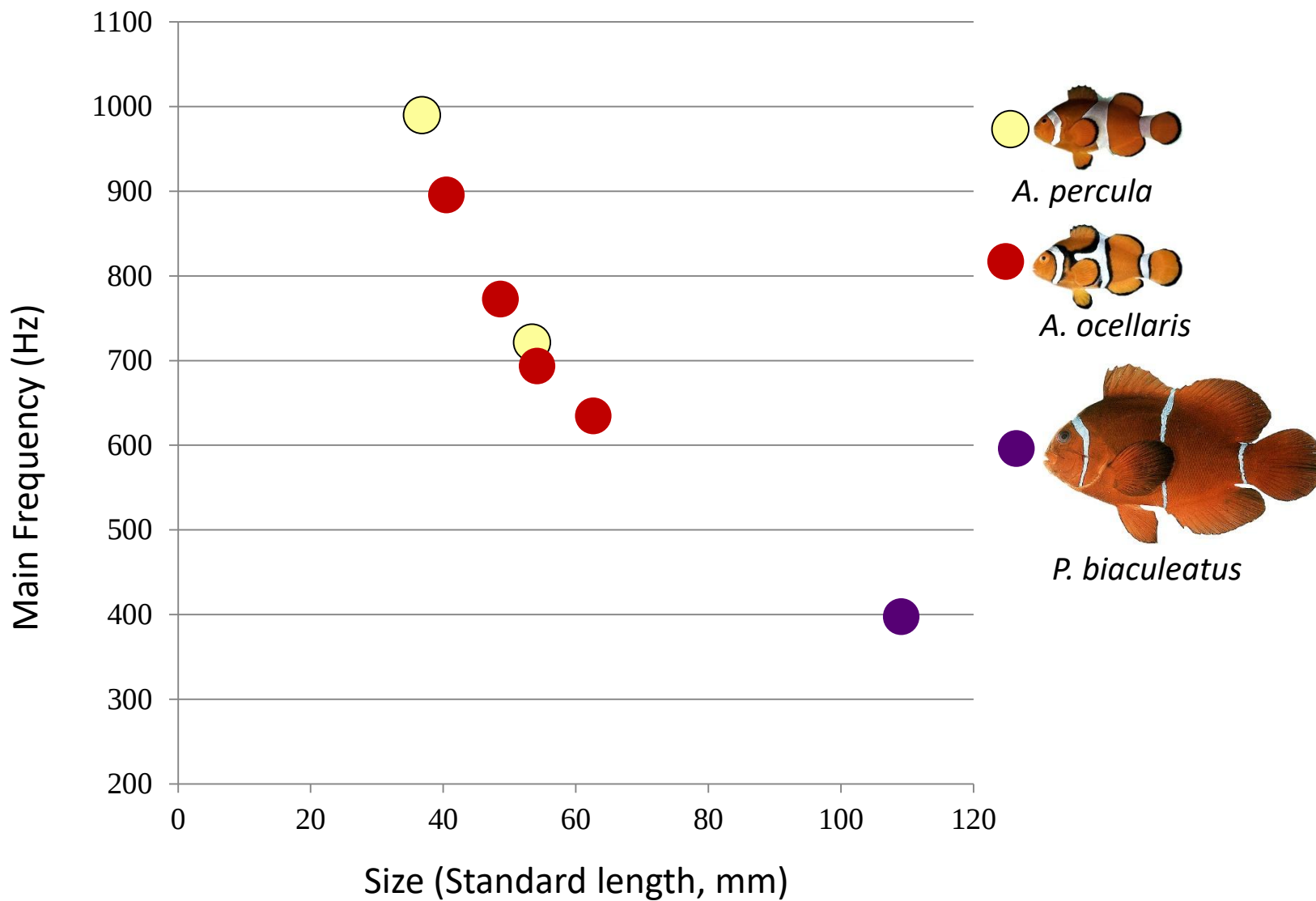
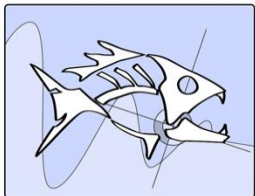
A. clarkii

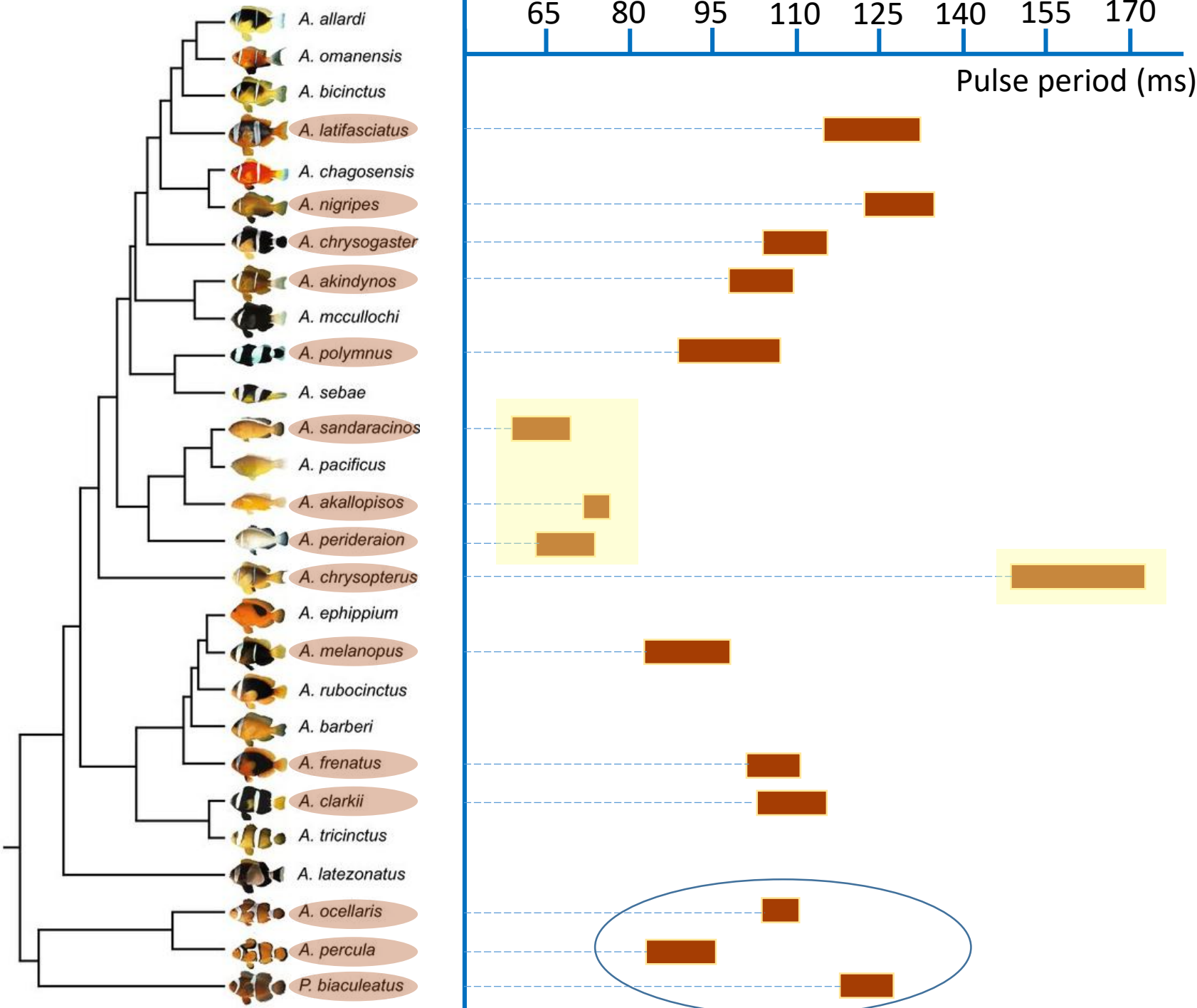


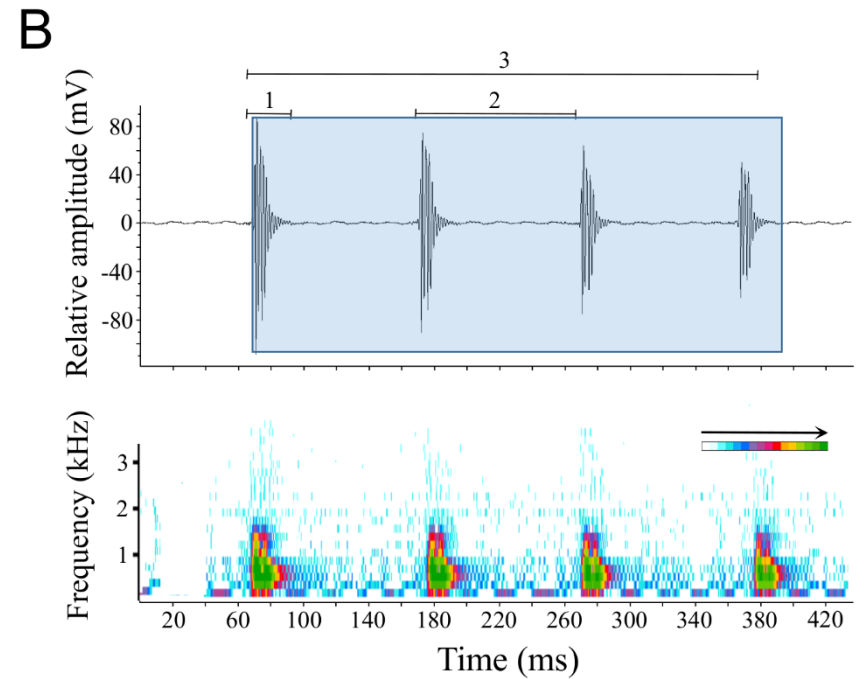
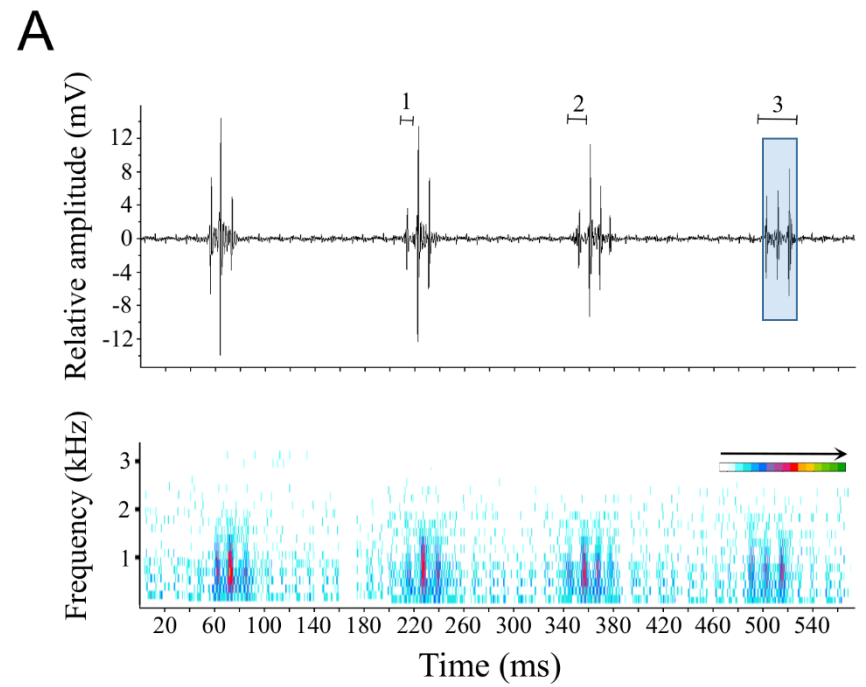
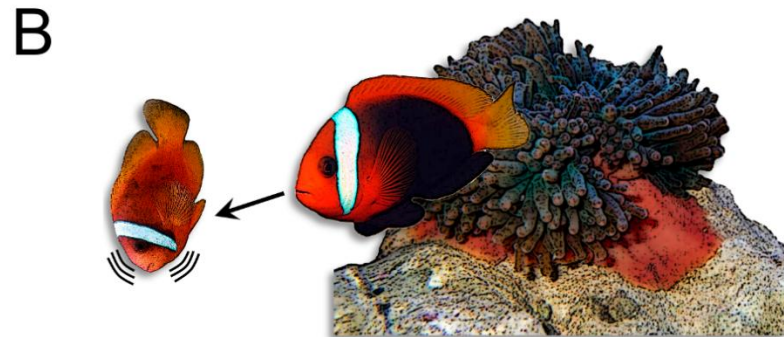
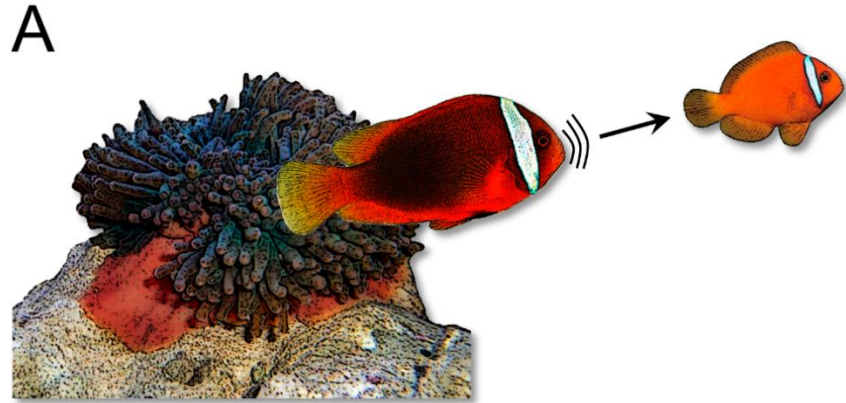
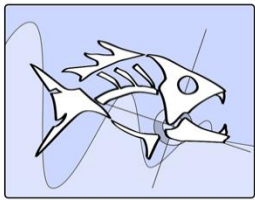
A. melanopus

Main Frequency (Hz)

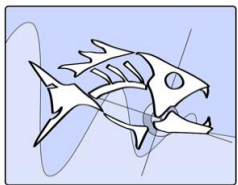


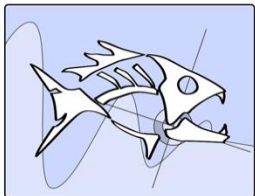








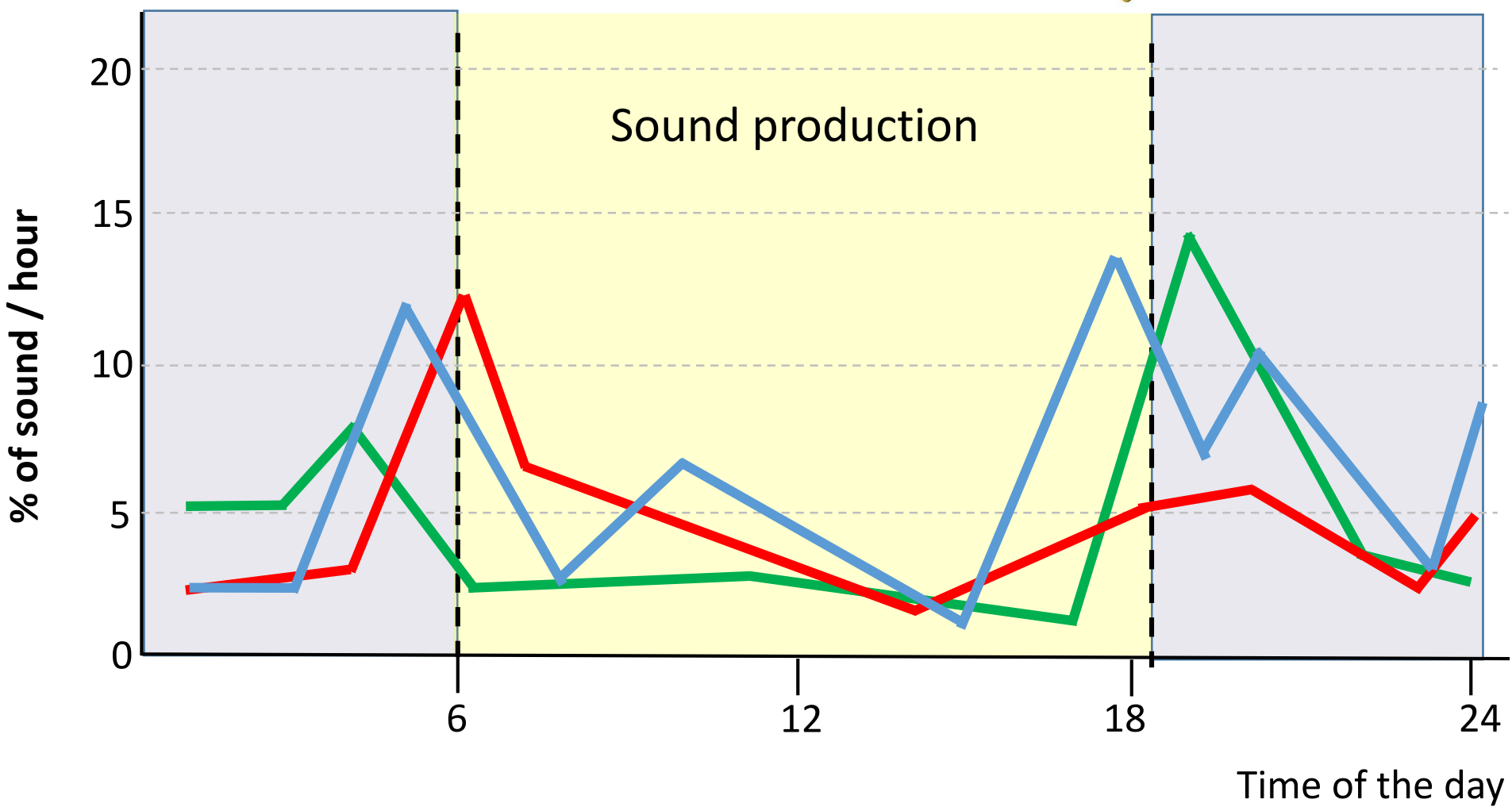
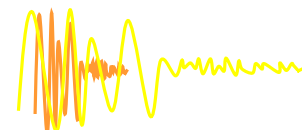
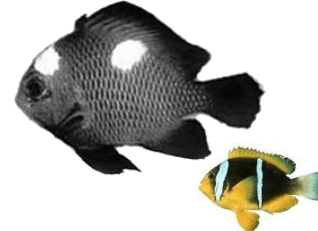


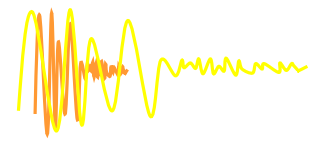
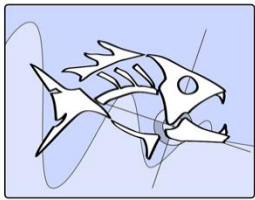


D. trimaculatus



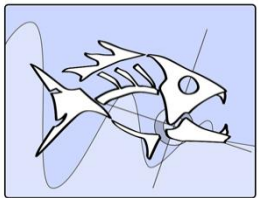
A. chrysopterus

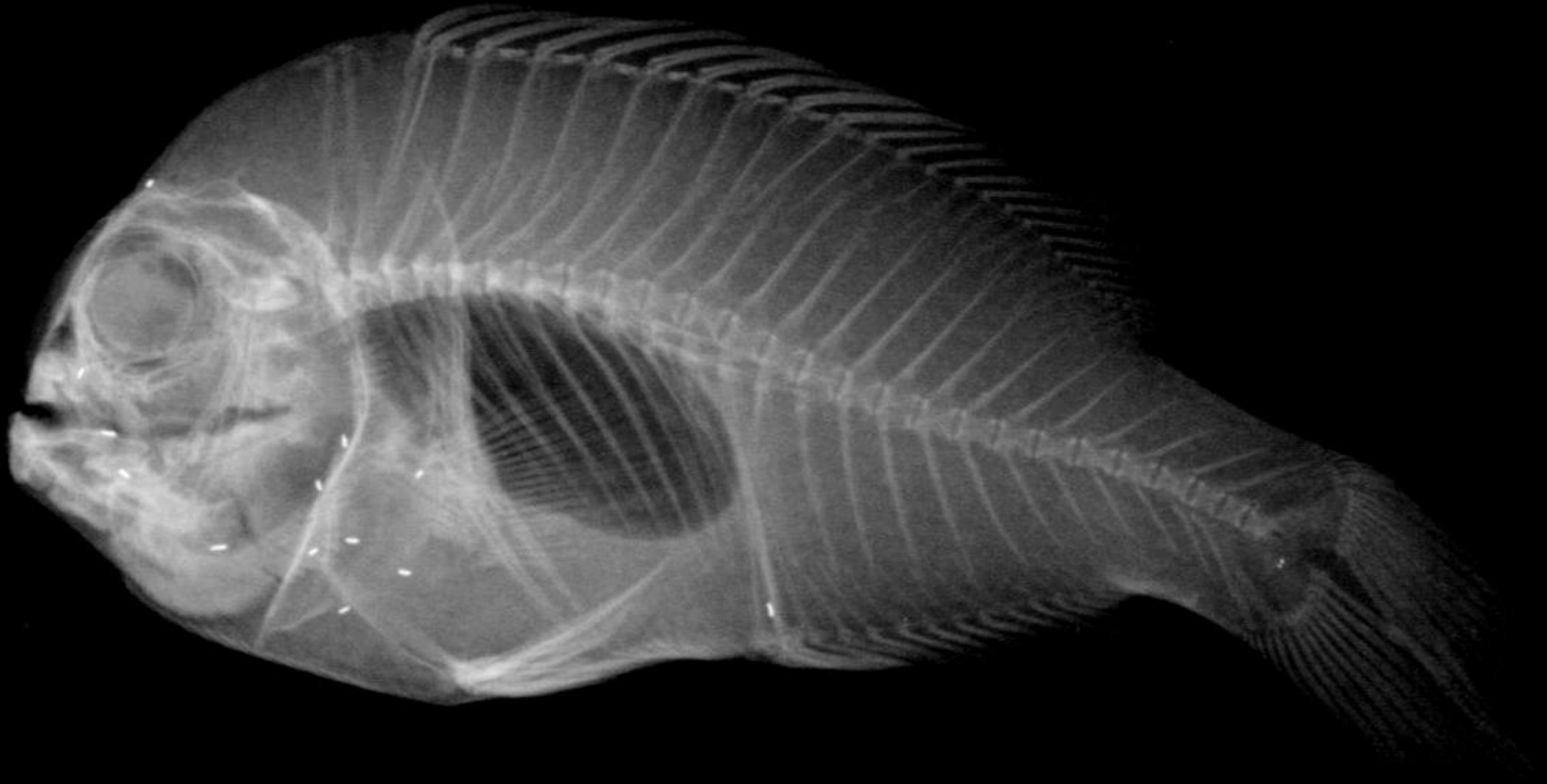
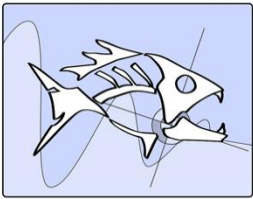


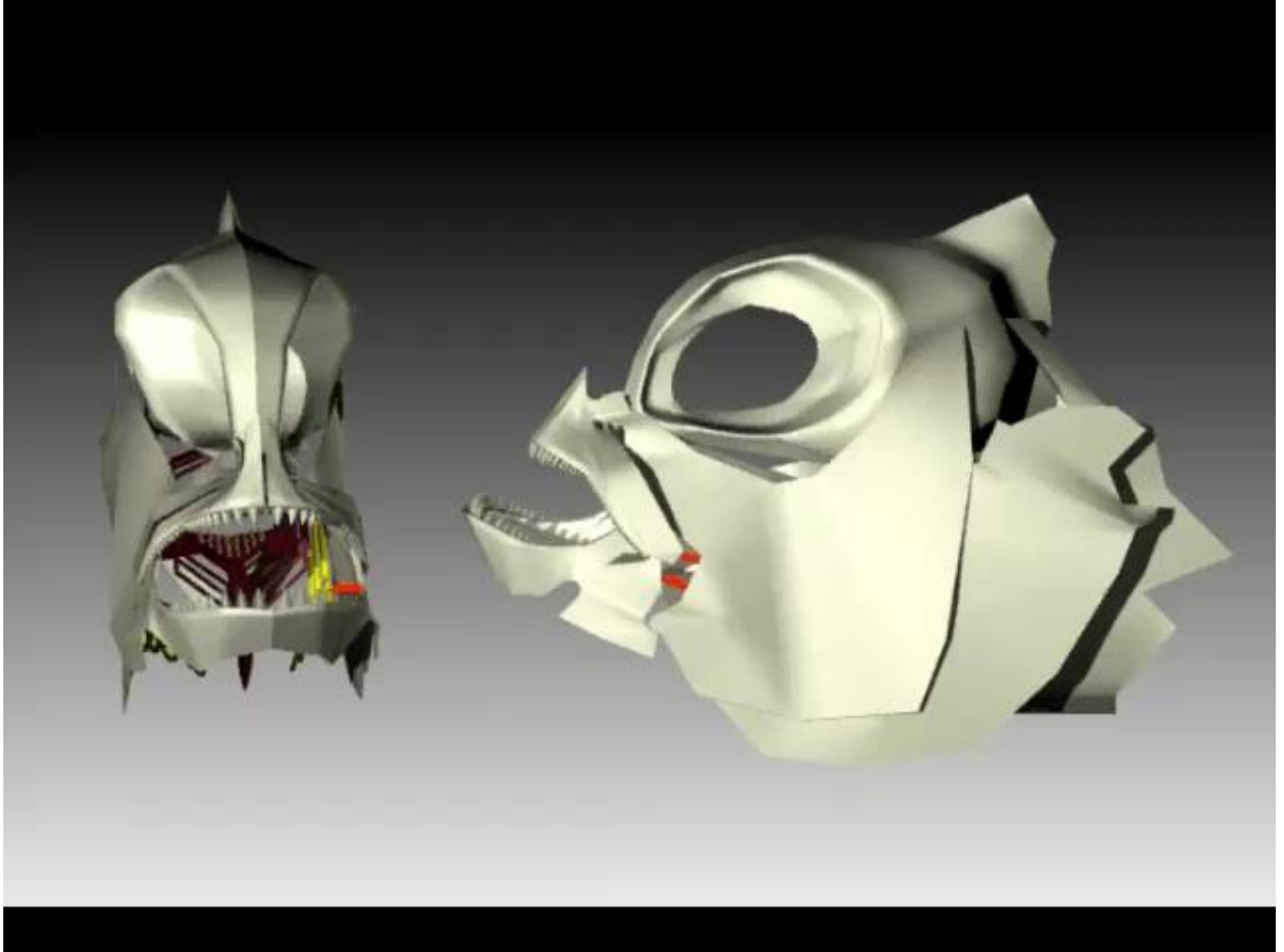
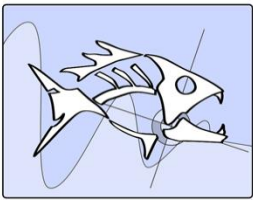


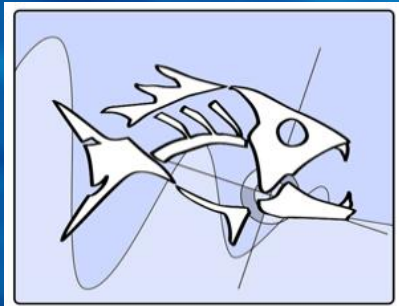
	<i>Dascyllus tri- maculatus</i> alone (n= 184)	<i>Dascyllus trimaculatus</i> with <i>Amphiprion chrysopterus</i> (n= 65)	Wilcoxon–Mann–Whitney test statistics and p-values
Duration (ms)	194 ± 55	153 ± 51	W = 3425, P < 0.001
Number of pulses	5 ± 1	4 ± 1	W = 3071, P < 0.001
Pulse duration (ms)	17 ± 6	13 ± 6	W = 3622, P < 0.001
Pulse period (ms)	51 ± 6	54 ± 7	W = 7710, P = 0.003
Interpulse interval (ms)	34 ± 7	41 ± 8	W = 9198, P < 0.001
Dominant frequency (Hz)	373 ± 104	457 ± 145	W = 8038, P < 0.001

Numbers between brackets correspond to the number of analyzed sounds

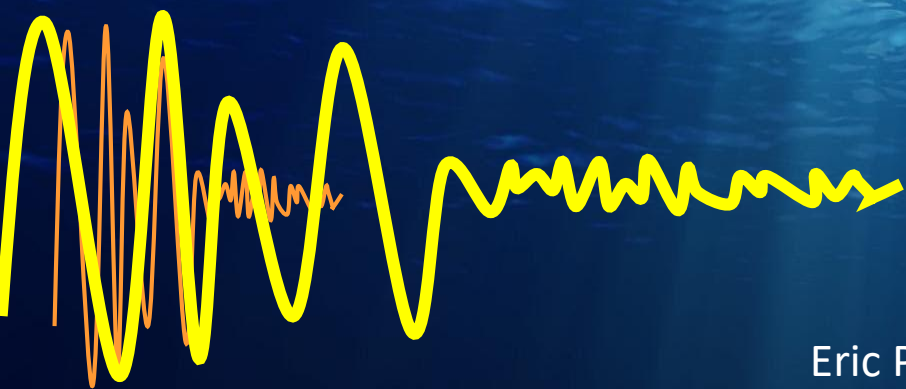








Why recording clownfish?



Eric Parmentier
Marine Bande