

Supplementary Material

1 Supplementary Tables

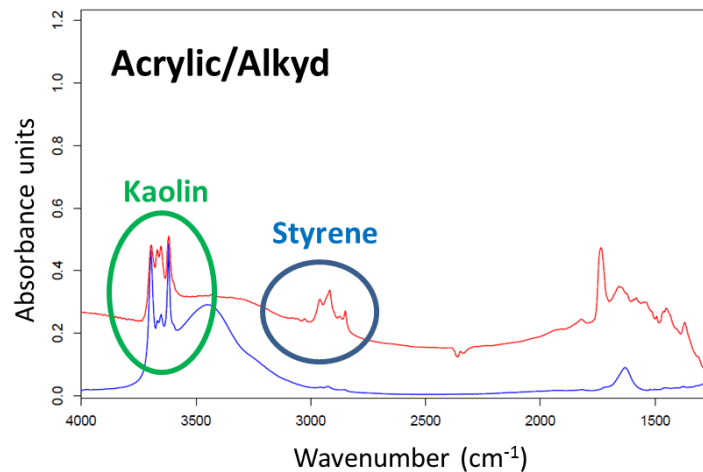
Supplementary Table 1. Information on all 30 investigated harbour porpoises from German waters (2014 – 2018). Every individual was examined after Siebert et al. (2001, 2020) and microplastic investigation was conducted after Philipp et al. (2020).

Sea	Age	Sex	Nutritional Status	Gastritis	Enteritis	Specification	Microplastic	
							Fibres	Fragments
NS	juvenile	male	good	yes	no	asphyxiation*	8	21
NS	adult	female	moderate	yes	yes	na	6	7
NS	juvenile	male	good	no	no	na	0	0
BS	juvenile	female	good	no	no	suspected bycatch	12	5
BS	juvenile	male	good	yes	no	na	5	6
BS	juvenile	male	good	no	no	suspected bycatch	5	13
NS	adult	male	moderate	yes	no	asphyxiation*	4	6
NS	juvenile	male	emaciated	no	no	na	1	3
NS	juvenile	male	emaciated	yes	no	na	3	5
BS	juvenile	female	good	no	no	suspected bycatch	7	2
BS	adult	male	moderate	no	yes	bycatch (gillnet)	18	7
BS	juvenile	female	moderate	no	yes	bycatch (gillnet)	11	33
NS	adult	female	moderate	yes	no	bycatch	0	0
NS	adult	male	moderate	yes	no	asphyxiation*	5	5
NS	juvenile	male	emaciated	no	yes	na	4	0
NS	adult	female	moderate	yes	yes	pregnant	4	3
BS	juvenile	male	good	no	yes	bycatch	10	5

BS	adult	male	good	no	no	na	1	0	
BS	adult	female	emaciated	yes	no	na	0	7	
NS	adult	female	emaciated	no	no	na	1	1	
BS	adult	female	moderate	no	no	na	9	7	
BS	juvenile	female	moderate	no	no	na	3	0	
NS	adult	male	emaciated	yes	no	na	8	13	
BS	adult	male	moderate	yes	no	bycatch	14	20	
NS	adult	male	moderate	yes	yes	na	7	0	
BS	adult	male	good	yes	no	na	17	10	
BS	adult	male	emaciated	no	no	na	2	1	
BS	adult	female	moderate	no	no	pregnant	29	19	
NS	juvenile	female	moderate	no	no	na	4	0	
NS	adult	female	moderate	yes	no	pregnant	4	0	
							MP _{final}	199	202

*A pharyngeal entrapment of flatfish in harbour porpoises was noticed and results in an asphyxiation.

2 Supplementary Figures



Supplementary Figure 1. Measured spectrum (red) of one paint chip (μ FT-IR, Hyperion 2000, Bruker, Ettlingen, Germany) showing styrene (blue circle) and kaolin (green circle) components. The reference spectrum of kaolin is blue.