

Supplementary Materials: Levels of Phthalates, Bisphenol-A, Nonylphenol, and Microplastics in Fish in the Estuaries of Northern Taiwan and the Impact on Human Health

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Table S1. Estuarine fish samples are classified as benthic, pelagic, and migratory fish.

Habits	scientific name
Benthic	1. <i>Atule mate</i> 2. <i>Argyrosomus japonicas</i> 3. <i>Arius maculatus</i> 4. <i>Bothus mancus</i> 5. <i>Calappidae</i> 6. <i>Chelon macrolepis</i> 7. <i>Chrysichthys aureus</i> 8. <i>Dasyatidae</i> 9. <i>Gerres decacanthus</i> 10. <i>Lagocephalus gloveri</i> 11. <i>Leiognathus equulus</i> 12. <i>Miichthys miuy</i> 13. <i>Pennahia microcephalus</i> 14. <i>Portunidae</i> 15. <i>Portunus trituberculatus</i> 16. <i>Scomberoides lisan</i> 17. <i>Secutor indicus</i> 18. <i>Sillago asiatica</i> 19. <i>Synodus fuscus</i> 20. <i>Terapon jarbua</i>
Pelagic	21. <i>Atropus Atropos</i> 22. <i>Nibea albiflora</i> 23. <i>Pampus argenteus</i> 24. <i>Prionace glauca</i>
Migratory	25. <i>Megalaspis cordyla</i> 26. <i>Moolgarda cunnesius</i> 27. <i>Mugil cephalus</i> 28. <i>Nematalosa nasus</i> 29. <i>Parapristipoma trilineatum</i>

Table S2. Eigenvalues and explained variances of the rotated principal components (RPCs) of EEDCs in the estuarine fish.

component	Initial Eigenvalues			Extraction Sums of the Squared Loadings			Rotation Sums of the Squared Loadings
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	
1	1.710	28.507	28.507	1.710	28.507	28.507	1.582
2	1.217	20.279	48.786	1.217	48.786	48.786	1.250

3	1.075	17.917	66.703	1.075	66.703	66.703	1.171
Rotated Component Matrix							
				Component			
				1	2	3	
DBP				.868	.122	.088	
DIBP				.844	-.024	.045	
DEP				.287	.732	-.049	
MPs				-.147	.832	.038	
NP				-.002	-.059	.772	
BPA				.113	.055	.750	

Table S3. Compilation of assessments of human health based on estimates of consumption of estuarine fishes contaminated from the northern rivers of Taiwan in male populations.

Table S4. Compilation of assessments of human health based on estimates of consumption of estuarine fishes contaminated from the northern rivers of Taiwan in female populations.