

Supplementary Material

Table S1. Shapes of identified microplastics (MPs) in edible tissues of fish, water and sediments from the different rivers.

| Shape | Rivers Ogun | River Ethiope | River Orashi | River Argungu | River Benue | River Yauri | River Jamare |
|-----------|-------------|---------------|--------------|---------------|-------------|-------------|--------------|
| Fish | | | | | | | |
| Fibre | 9 | 3 | 10 | 35 | 38 | 25 | 23 |
| Film | 8 | 6 | 2 | 6 | 21 | 17 | 6 |
| Fragments | 2 | 5 | 9 | 25 | 26 | 12 | 7 |
| Water | | | | | | | |
| Fibre | 19 | 8 | 11 | 12 | 11 | 4 | 6 |
| Fragment | 2 | 1 | | 7 | 10 | 7 | 4 |
| Sediment | | | | | | | |
| Fibre | 64 | 48 | 51 | 152 | 205 | 331 | 112 |
| Film | 2 | | | | | | |
| Fragment | 217 | 56 | 129 | 96 | 236 | 442 | 158 |

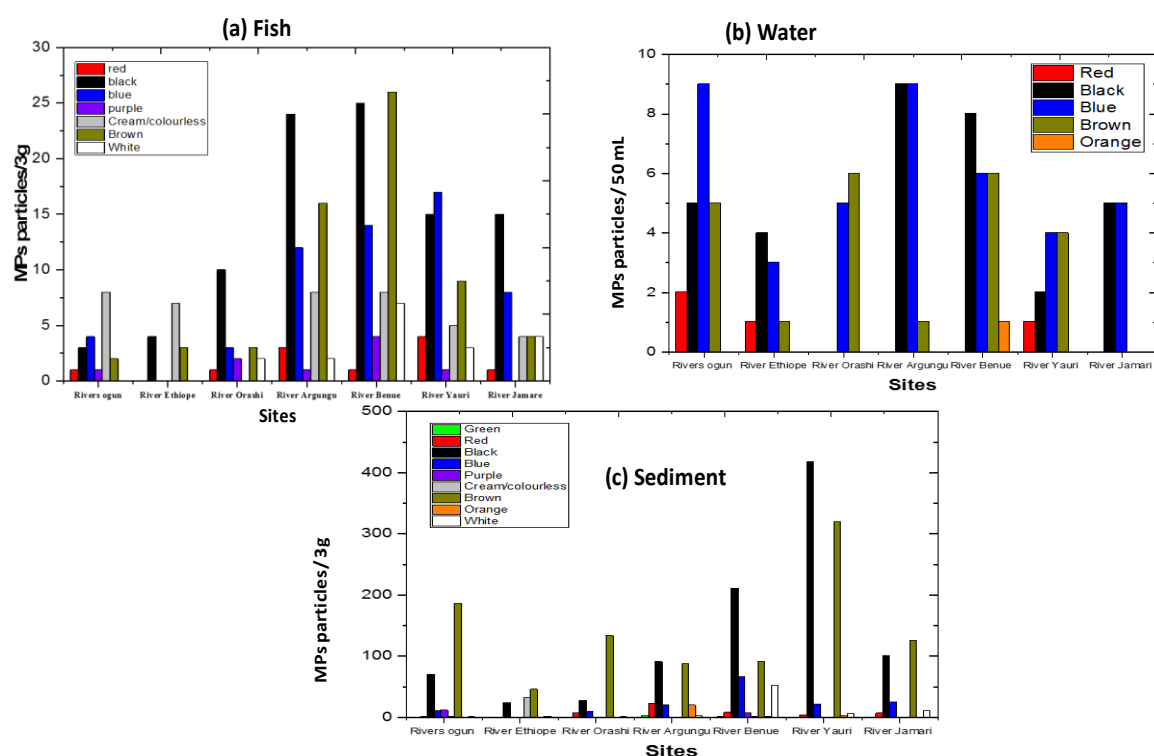


Figure S1. Number of MPs by colour category registered in fish, water and sediment samples from the different river.

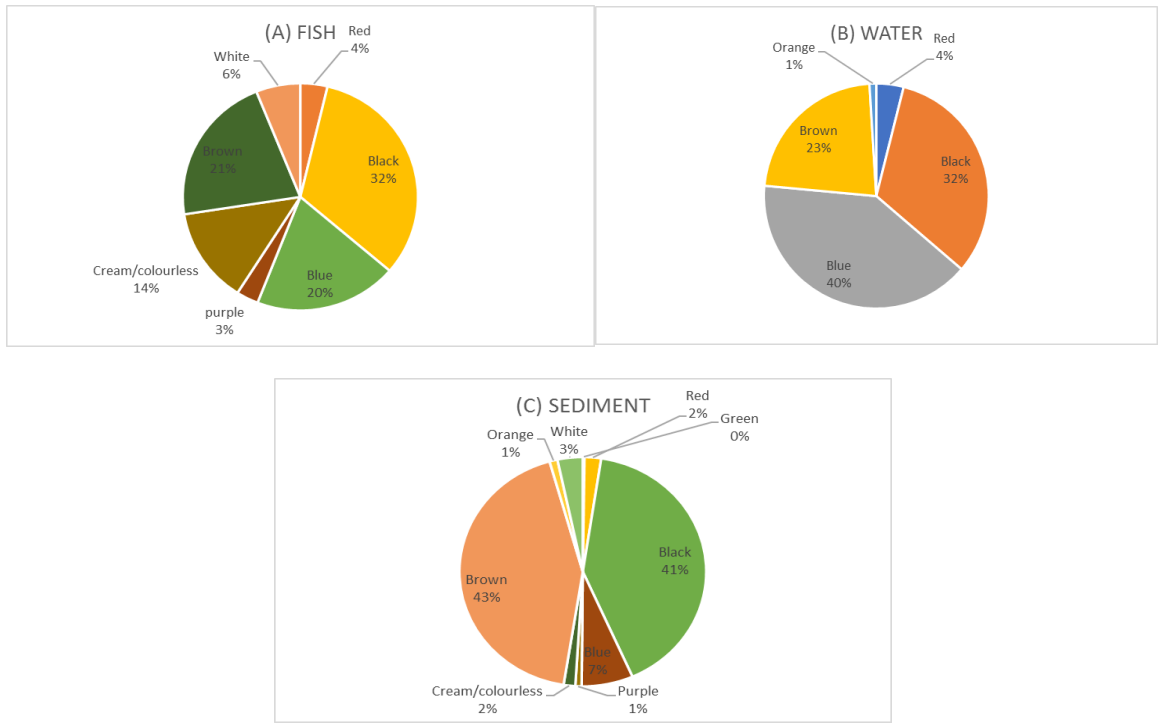


Figure S2. Distribution of MPs by colour category registered in fish, water and sediment samples from the different river.