

Table S1. Plastic distribution and number of items based on species, type and shape

A tibble: 16 × 5

Groups: Species, Shape [5]

	Species <chr>	Shape <fct>	Type <fct>	n <int>	freq <dbl>
1	Hyla orientalis	Fiber	EVA	1	0.125
2	Hyla orientalis	Fiber	PET	7	0.875
3	Hyla orientalis	Fragment	PE	1	1
4	Hyla savignyi	Fiber	EVA	7	0.0507
5	Hyla savignyi	Fiber	NYLON	5	0.0362
6	Hyla savignyi	Fiber	PA	1	0.00725
7	Hyla savignyi	Fiber	PAN	2	0.0145
8	Hyla savignyi	Fiber	PCT	1	0.00725
9	Hyla savignyi	Fiber	PET	121	0.877
10	Hyla savignyi	Fiber	PP	1	0.00725
11	Hyla savignyi	Film	PA	2	0.667
12	Hyla savignyi	Film	PE	1	0.333
13	Hyla savignyi	Fragment	PA	19	0.452
14	Hyla savignyi	Fragment	PE	21	0.5
15	Hyla savignyi	Fragment	PET	1	0.0238
16	Hyla savignyi	Fragment	PU	1	0.0238

Table S2. Plastic distribution and number of items based on province, type and shape

A tibble: 55 × 5

Groups: Province, Shape [37]

	Province <fct>	Shape <fct>	Type <fct>	n <int>	freq <dbl>
1	Adana	Fiber	PET	2	1
2	Antalya	Fiber	PET	1	1
3	Artvin	Fiber	PET	1	1
4	Batman	Fiber	PET	4	1
5	Bingol	Fiber	PET	1	1
6	Bitlis	Fiber	EVA	2	0.0870
7	Bitlis	Fiber	NYLON	3	0.130
8	Bitlis	Fiber	PAN	1	0.0435
9	Bitlis	Fiber	PET	16	0.696
10	Bitlis	Fiber	PP	1	0.0435
11	Bitlis	Fragment	PE	1	1
12	Canakkale	Fiber	EVA	1	1
13	Diyarbakir	Fiber	PET	1	1
14	Diyarbakir	Fragment	PA	1	1
15	Elazig	Fiber	PET	5	1
16	Gaziantep	Fiber	NYLON	1	0.333
17	Gaziantep	Fiber	PET	2	0.667
18	Gaziantep	Fragment	PA	3	0.375
19	Gaziantep	Fragment	PE	5	0.625
20	Hakkari	Fiber	PET	2	1
21	Hakkari	Fragment	PA	2	0.667
22	Hakkari	Fragment	PE	1	0.333
23	HatayErzin	Fiber	PAN	1	0.2
24	HatayErzin	Fiber	PET	4	0.8
25	HatayHassa	Fiber	EVA	3	0.0698
26	HatayHassa	Fiber	NYLON	1	0.0233
27	HatayHassa	Fiber	PET	39	0.907
28	HatayHassa	Fragment	PE	1	1

29	Igdir	Fiber	PET	3	1
30	Igdir	Fragment	PE	1	1
31	Kahramanmaras	Fiber	PET	5	1
32	Kahramanmaras	Fragment	PA	2	0.286
33	Kahramanmaras	Fragment	PE	4	0.571
34	Kahramanmaras	Fragment	PET	1	0.143
35	Kilis	Fiber	PET	7	1
36	Kilis	Film	PA	2	0.667
37	Kilis	Film	PE	1	0.333
38	Kilis	Fragment	PA	11	0.611
39	Kilis	Fragment	PE	7	0.389
40	Kirklareli	Fiber	PET	1	1
41	Mardin	Fiber	EVA	1	0.167
42	Mardin	Fiber	PET	5	0.833
43	Mardin	Fragment	PE	1	1
44	Mersin	Fiber	PA	1	0.167
45	Mersin	Fiber	PET	5	0.833
46	Osmaniye	Fiber	PET	10	1
47	Rize	Fiber	PET	2	1
48	Rize	Fragment	PE	1	1
49	Sanliurfa	Fiber	EVA	1	0.2
50	Sanliurfa	Fiber	PCT	1	0.2
51	Sanliurfa	Fiber	PET	3	0.6
52	Siirt	Fiber	PET	6	1
53	Siirt	Fragment	PU	1	1
54	Sirnak	Fiber	PET	2	1
55	Trabzon	Fiber	PET	1	1

Table S3. Plastic distribution and number of items based on type and shape

```
# A tibble: 13 × 4
# Groups:   Shape [3]
  Shape Type      n    freq
  <fct> <fct> <int> <dbl>
1 Fiber EVA         8 0.0548
2 Fiber NYLON        5 0.0342
3 Fiber PA          1 0.00685
4 Fiber PAN         2 0.0137
5 Fiber PCT         1 0.00685
6 Fiber PET       128 0.877
7 Fiber PP         1 0.00685
8 Film  PA          2 0.667
9 Film  PE          1 0.333
10 Fragment PA       19 0.442
11 Fragment PE       22 0.512
12 Fragment PET        1 0.0233
13 Fragment PU         1 0.0233
```

Table S4. Plastic distribution and number of items based on species and colour

	<i>Hyla orientalis</i>	<i>Hyla savignyi</i>
Black	4	40
Blue	0	28
Gray	0	3
Green	0	3
Navy blue	4	45
Pink	0	39
Red	1	21
Transparent	0	4

Table S5. Plastic distribution and number of items based on species and shape

	<i>Hyla orientalis</i>	<i>Hyla savignyi</i>
Fiber	8	138
Film	0	3
Fragment	1	42

Table S6. Plastic distribution and number of items based on species and type

	<i>Hyla orientalis</i>	<i>Hyla savignyi</i>
EVA	1	7
NYLON	0	5
PA	0	22
PAN	0	2
PCT	0	1
PE	1	22
PET	7	122
PP	0	1
PU	0	1

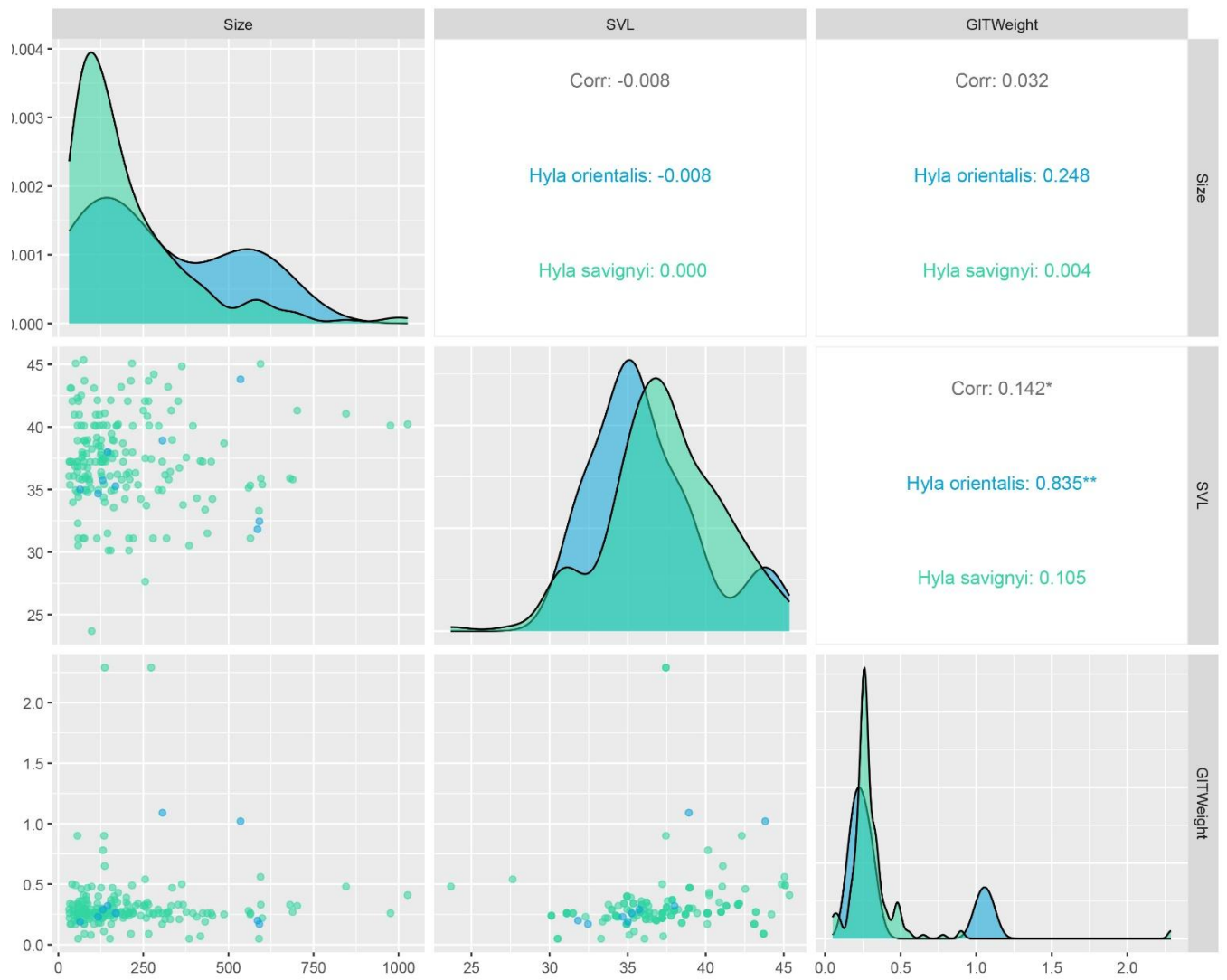


Figure S1. Pairs plot with correlation matrix. Corr values indicate the correlation coefficients (r). The significance level of correlation coefficients is represented with asterisk(s) (*, $p < 0.05$; **, $p < 0.01$).

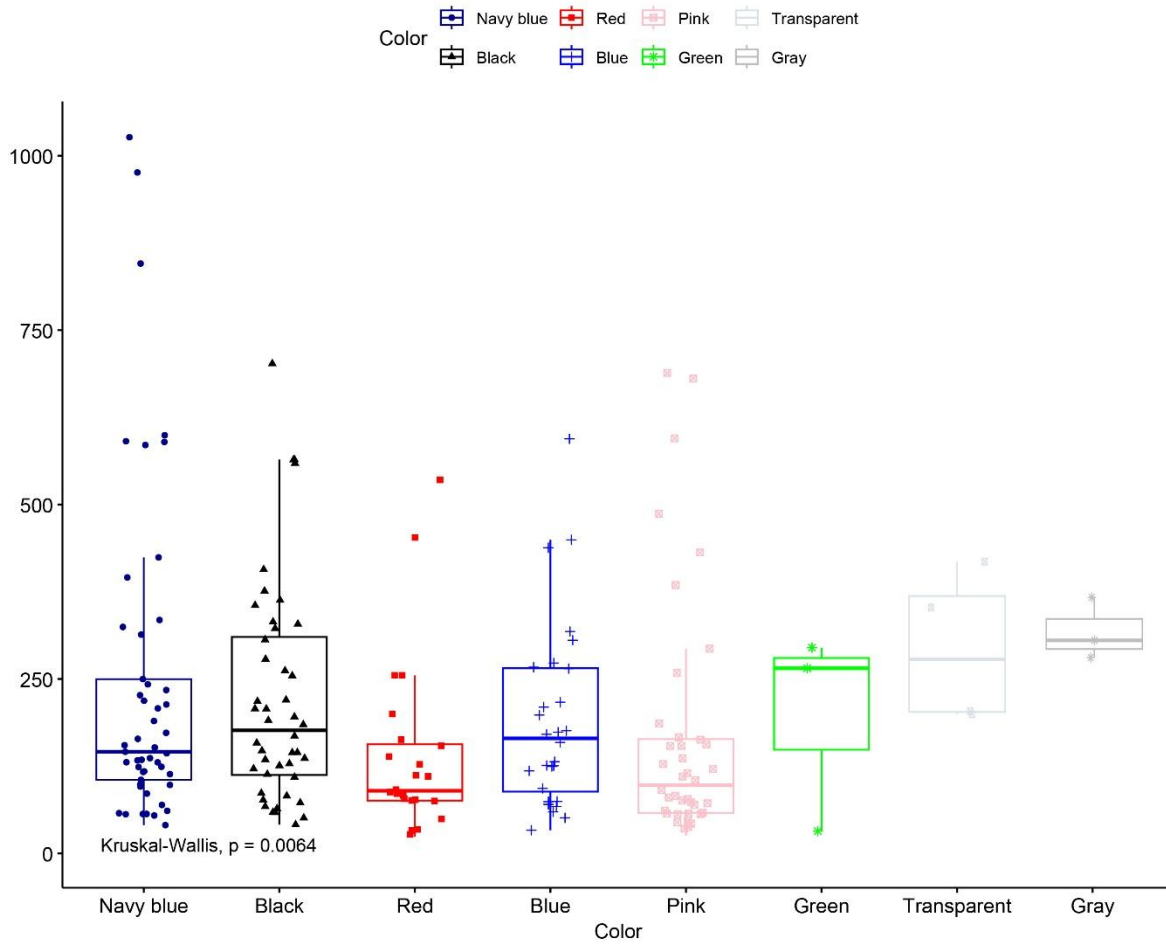


Figure S2. Boxplot of MP size distribution based on color categories. Line in box represents median value and lines on top and bottom represent quartiles. Each MP item were demonstrated with symbols corresponding size measurement on y axis.



Figure S3. Stacked bar plots with relative percentage scores regarding abundance in each province for plastic type.

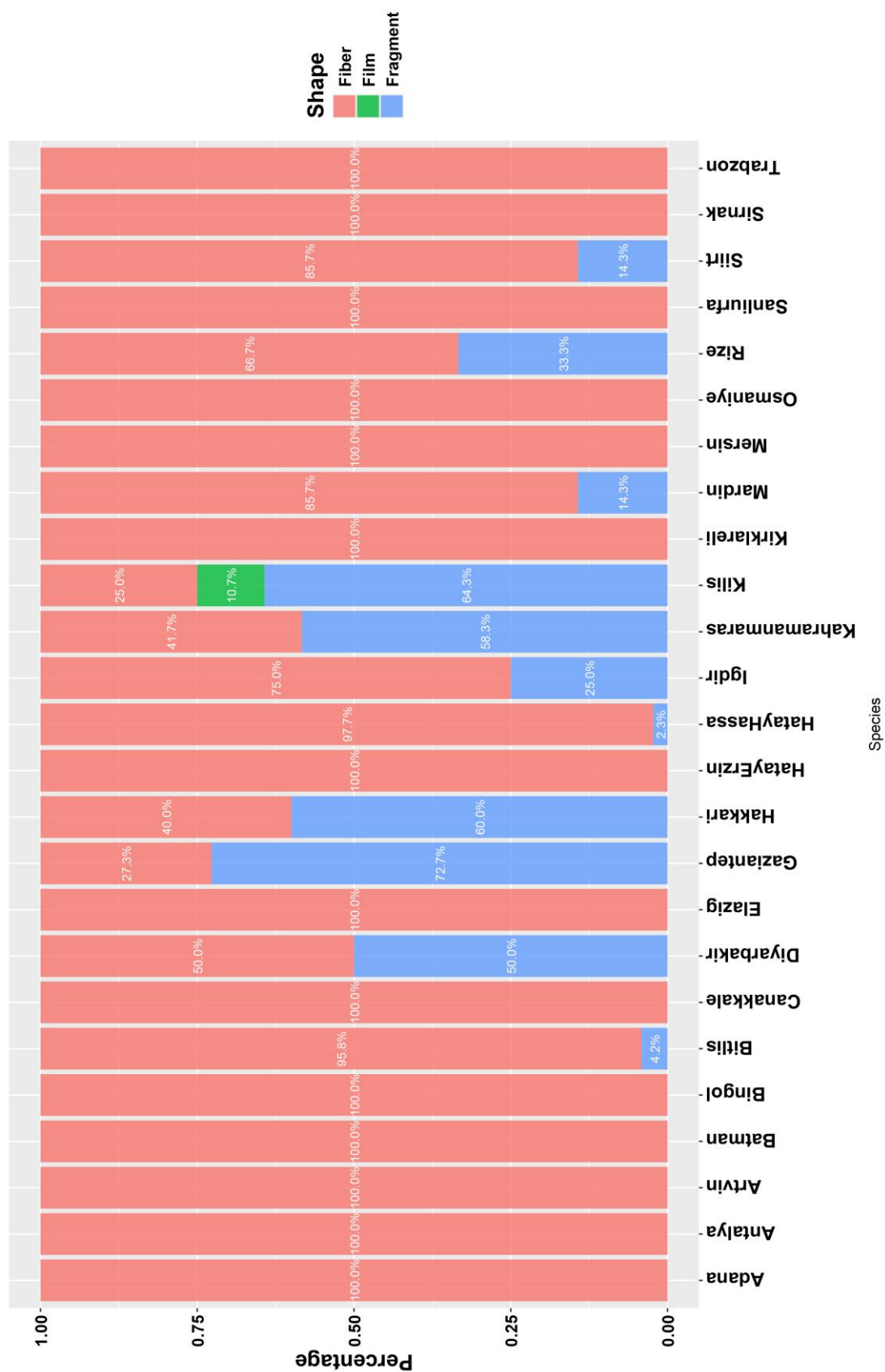


Figure S4. Stacked bar plots with relative percentage scores regarding abundance in each province for plastic shape.

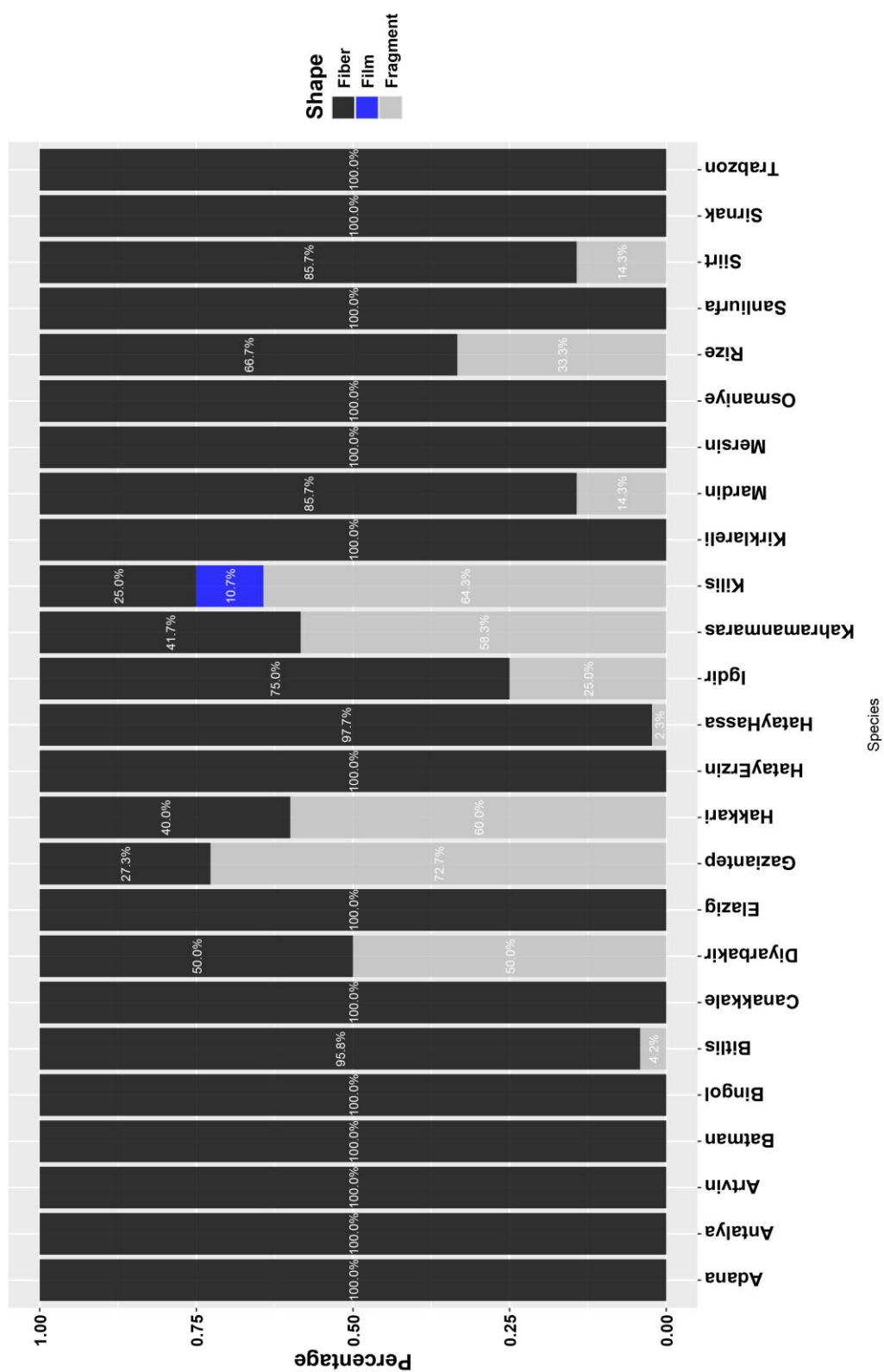


Figure S5. Stacked bar plots with relative percentage scores regarding abundance in each province for plastic type