

**Supplementary Materials:**

Trophic plasticity of the endemic Japanese weasel in a lowland agricultural landscape.

*Tsunoda et al. 2024*

This supplementary material includes Fig. S1, Fig. S2, Table S3, Fig. S4, Fig. S5 and Fig. S6.



**Fig. S1.** Aerial photograph of the study area taken on non-cropping season of 2015. The brown areas are (dry) paddy fields. The red dashed polygon represents the area sampled and grey thin lines in the polygon represent farm roads (i.e., representing sampled transects). The yellow square (identified by an arrow) indicates the location of a small-floriculture farm, where ca. two fig trees were planted (see also Fig. S4). Aerial photographed sourced from the Geospatial Information Authority of Japan (taken in 2015, <https://maps.gsi.go.jp/development/ichiran.html>).

(a)



(b)



**Fig. S2.** (a) seeds of fig fruits (*Ficus carica*) found in a Japanese weasel scat, supplementarily sampled in Jan. 2022 (grid size: 5 mm); and (b) a cultivated fig tree planted along the roadside in a small floricultural-farm (indicated by yellow square in Fig. S1) located in the study site (taken by author in Nov. 2020).



**Table S1.** Seasonal mean proportions of dry weight (PDW; %) of 10 food categories (including unidentified item) in the diet of Japanese weasels in a paddy area in Saitama, Japan.

Season	Spring (Mar.-May)		Summer (Jun.-Aug.)		Autumn (Sep.-Nov.)		Winter (Dec.-Feb.)		Whole period	
Number of scats	11		20		23		21		75	
Food category	<i>N</i>	PDW (%)	<i>N</i>	PDW (%)	<i>N</i>	PDW (%)	<i>N</i>	PDW (%)	<i>N</i>	PDW (%)
Rodent	2	12.1	0	0.0	1	2.9	1	1.6	4	3.2
Herptile	8	22.0	5	16.7	11	24.5	3	5.3	27	15.8
Fish	0	0.0	0	0.0	0	0.0	2	9.1	2	2.5
Insect	10	38.0	7	17.9	12	19.8	2	0.1	31	16.4
Crayfish	4	13.3	9	30.0	17	37.3	3	13.4	33	26.1
Earthworm*	0	-	0	-	2	-	2	-	4	-
Other animal	2	3.8	7	15.4	6	4.9	5	7.1	20	8.3
Seed	1	2.7	2	7.9	3	5.7	14	41.2	20	15.8
Other plant part	5	4.4	3	4.6	10	1.6	13	21.2	31	8.4
Unidentified item	5	3.6	4	7.5	5	3.3	3	1.1	17	3.8

\*dry weights of earthworm chaetae were not measured.

(a) May. 2018



(b) Jun. 2018



**Fig. S4.** View of paddy fields in late spring (a) and mid summer (b). Photos taken by author.

(a) Nov. 2020



(b) Jan. 2022



(c) Nov. 2020



(d) Jan. 2022



**Fig. S5.** View of paddy fields (a, b), ditch (c) and pool (d) dried up during fallow (winter) season. Photos taken by author.

(a) Nov. 2020



(b) Jan. 2022



**Fig. S6.** Examples of temporary pools at an intersection of irrigation ditches. Yellow arrow in photograph (a) indicates the remains of a claw from a red-swamp crayfish (*Procambarus clarkii*). Photo taken by author.