Supplementary material to: Piria, M. & D. Mrdak (2026): From wide distribution to localised persistence: Status and threats to the European eel in the eastern Adriatic Sea Basin, Croatia. Studia Marina, 39(1): 5-21.

Supplementary Table S1. Results of semi-quantitative scoring of pressures on European eel (*Anguilla anguilla*) in the Adriatic Basin

Threat	**Score**	**Share (%)**
Hydropower dams	5	14.3
Coastal urbanization	5	14.3
River alteration	5	14.3
New hydropower (future)	5	14.3
Overfishing	4	11.4
Invasive species	4	11.4
Parasitic nematode	4	11.4
Industrial pollution	2	5.7
Marine intrusion	1	2.9

Supplementary Table S2: Dataset for Logistic regression (binomial GLM with logit link) models predicting *Anguillicoloides crassus* infection in European eel (*Anguilla Anguilla*)

Waterbody	**Lattitude (N)**	**Longitude (E)**	**Weight, g**	**Total length, cm**	**Sex**	**Stage**	**Presence of *A. craccus***
Žrnovnica upper	43.513167	16.538444	49.38	31	n.d.	Yellow	-
			80.26	36	n.d.	Yellow	-
			134.78	39.5	juvenile	Yellow	+
			135.8	40	juvenile	Yellow	-
			112.5	38.5	juvenile	Yellow	+
			148.4	42.5	f	Yellow	+
			82.1	35	n.d.	Yellow	-
Žrnovnica lower	43.508903	16.536506	116.47	39	m	Silver	-
			244.51	52.5	f	Yellow	+
			123.6	39.5	n.d.	Silver	-
			110	37.5	m	Silver	-
			188	46.5	f	Yellow	+
			102.1	41	n.d.	Yellow	-
			165	44	f	Silver	+
			121	38.5	f	Yellow	-
			66.5	31.5	n.d.	Yellow	-
			24	23.5	n.d.	Yellow	-
Jadro upper	43.539008	16.496244	50	30	n.d.	Yellow	-
Jadro lower	43.541097	16.516992	342	62,5	f	Yellow	+
			305	56,5	f	Yellow	+
			245.7	51	f	Yellow	+
			128.7	41	m	Silver	+
			138.3	49.5	n.d.	Yellow	-
			49.2	31	n.d.	Yellow	-
			70.1	36	n.d.	Yellow	-
			151.8	46.5	n.d.	Yellow	-

Supplementary Table S3. Logistic regression (binomial GLM with logit link) models predicting *A. crassus* infection in *Anguilla anguilla;* *OR = exp(0.245) ≈ 1.28 → each +1 cm in total length corresponds to ~28% higher odds of infection; **OR = exp(0.060) ≈ 1.06 → each +1 g in body mass corresponds to ~6% higher odds of infection; *** borderline significant at p = 0.05; Reference categories = Silver stage, Jadro lower reach)

Model	**Predictor(s)**	**β ± SE**	**z-value**	**p-value**	**Odds ratio (expβ)**	**Pseudo R^2**
GLM-1	Intercept	–10.621 ± 4.218	–2.518	0.012	-	0.35
	Total length (cm)	0.245 ± 0.101	2.422	0.015	1.28*	
GLM-2	Intercept	–8.426 ± 3.955	–2.130	0.033	-	0.54
	Weight (g)	0.060 ± 0.030	2.033	0.042	1.06**	
GLM-3: Full model	Intercept	–34.919 ± 17.684	–1.975	0.048	-	0.66
	Total length (cm)	0.836 ± 0.426	1.962	0.050***	2.30	
	Stage (yellow)	–5.832 ± 3.725	–1.566	0.117	-	-
	Zrnovnica lower (vs. Jadro lower)	1.260 ± 1.977	0.637	0.524	-	-
	Zrnovnica upper (vs. Jadro lower)	8.434 ± 4.672	1.805	0.071	-	-
	Jadro upper (vs. Jadro lower)	–13.059 ± 1.73×10^{6}	0	1.000	-	-