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**rptR: repeatability estimation and variance decomposition by generalized linear mixed-effects models**

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743	Carotenoid- but not melanin-based plumage coloration is negatively related to metal exposure and proximity to the road in an urban songbird. <b>2020</b> , 256, 113473	6
742	Isolating the influence of ontogeny helps predict island-wide variability in fish otolith chemistry. <b>2020</b> , 30, 173-202	9
741	Cognitive styles: speed-accuracy trade-offs underlie individual differences in archerfish. <b>2020</b> , 160, 1-14	5
740	Disentangling environmental from individual factors in isotopic ecology: A 17-year longitudinal study in a long-lived seabird exploiting the Canary Current. <b>2020</b> , 111, 105963	5
739	Telomere length is repeatable, shortens with age and reproductive success, and predicts remaining lifespan in a long-lived seabird. <b>2020</b> , 29, 429-441	19
738	Seasonal changes in immune response and reproductive investment in a biparental beetle. <b>2020</b> , 121, 104000	3
737	Neonicotinoid-induced mortality risk for bees foraging on oilseed rape nectar persists despite EU moratorium. <b>2020</b> , 704, 135400	33
736	Microplastic ingestion rates are phenotype-dependent in juvenile anemonefish. <b>2020</b> , 259, 113855	14
735	Reproductive coordination breeds success: the importance of the partnership in avian sperm biology. <b>2020</b> , 74, 1	3
734	Multiple paternity in a lek mating system: Females mate multiply when they choose inexperienced sires. <b>2020</b> , 89, 1142-1152	7
733	Predators' consumption of unpalatable prey does not vary as a function of bitter taste perception. <b>2020</b> , 31, 383-392	6
732	Variability of <i>Cinnamomum</i> (Lauraceae) Leaf Architecture in Relation to Climatic and Historical Constraints: Implications for Paleoclimatic Studies. <b>2020</b> , 181, 419-431	2
731	Sex-specific effects of the in ovo environment on early-life phenotypes in eiders. <b>2020</b> , 192, 43-54	3
730	Personality composition determines social learning pathways within shoaling fish. <b>2020</b> , 287, 20201871	5
729	Under cover of the night: context-dependency of anthropogenic disturbance on stress levels of wild roe deer. <b>2020</b> , 8, coaa086	6
728	Individual personality does not predict learning performance in a foraging context in female guppies, <i>Poecilia reticulata</i> . <b>2020</b> , 167, 3-12	3

727	Maternal predation risk increases offspring exploration but does not affect schooling behavior. <b>2020</b> , 31, 1207-1217	5
726	The influence of sex on feeding behaviour in Pacific white shrimp ( <i>Litopenaeus vannamei</i> ). <b>2020</b> , 224, 104946	3
725	A new protocol for absolute quantification of haemosporidian parasites in raptors and comparison with current assays. <b>2020</b> , 13, 354	3
724	Flock-dependent exploitation of a limited resource in House Sparrow. <b>2020</b> , 10, 7301	1
723	Reactive stress-coping styles show more variable reproductive expenditure and fitness outcomes. <b>2020</b> , 10, 9550	5
722	Habituation is not neutral or equal: Individual differences in tolerance suggest an overlooked personality trait. <b>2020</b> , 6, eaaz0870	11
721	Intercolony variation in foraging flight characteristics of black-headed gulls during the incubation period. <b>2020</b> , 10, 5489-5505	2
720	Anonymous fecal sampling and NIRS studies of diet quality: Problem or opportunity?. <b>2020</b> , 10, 6089-6096	2
719	Attentive red squirrel mothers have faster growing pups and higher lifetime reproductive success. <b>2020</b> , 74, 1	8
718	Ain't going down without a fight: state-and environment-dependence of antipredator defensive aggressive personalities in Carpetan rock lizard. <b>2020</b> , 74, 1	0
717	Individual variability and versatility in an eco-evolutionary model of avian migration. <b>2020</b> , 287, 20201339	8
716	Phenotypic variation, functional traits repeatability and core collection inference in <i>Synsepalum dulcificum</i> (Schumach & Thonn.) Daniell reveals the Dahomey Gap as a centre of diversity. <b>2020</b> , 10, 19538	3
715	Among-individual differences in foraging modulate resource exploitation under perceived predation risk. <b>2020</b> , 194, 621-634	7
714	Breeding habitat loss reveals limited foraging flexibility and increases foraging effort in a colonial breeding seabird. <b>2020</b> , 8, 45	6
713	Small mammals in the big city: Behavioural adjustments of non-commensal rodents to urban environments. <b>2020</b> , 26, 6326-6337	11
712	Sources of individual variation in problem-solving performance in urban great tits ( <i>Parus major</i> ): Exploring effects of metal pollution, urban disturbance and personality. <b>2020</b> , 749, 141436	3
711	Wild mice with different social network sizes vary in brain gene expression. <b>2020</b> , 21, 506	2
710	Sperm Morphology and Male Age in Black-Throated Blue Warblers, an Ecological Model System. <b>2020</b> , 10,	5

709	Behavioural lateralization in a detour test is not repeatable in fishes. <b>2020</b> , 167, 55-64	14
708	Differences in prey personality mediate trophic cascades. <b>2020</b> , 10, 9538-9551	1
707	A multilevel statistical toolkit to study animal social networks: the Animal Network Toolkit Software (ANTs) R package. <b>2020</b> , 10, 12507	6
706	Do female zebra finches prefer males exhibiting greater plasticity in foraging tactic use?. <b>2020</b> , 74, 1	2
705	Niche partitioning and individual specialization among age, breeding status and sex classes in a long-lived seabird. <b>2020</b> , 170, 1-14	4
704	Laterality in foraging phalaropes promotes phenotypically assorted groups. <b>2020</b> , 31, 1429-1435	2
703	Pace and stability of embryonic development affect telomere dynamics: an experimental study in a precocial bird model. <b>2020</b> , 287, 20201378	20
702	Microbial environment shapes immune function and cloacal microbiota dynamics in zebra finches <i>Taeniopygia guttata</i> . <b>2020</b> , 2, 21	10
701	Repeatable individual variation in migration timing in two anadromous salmonids and ecological consequences. <b>2020</b> , 10, 11727-11738	6
700	Of city and village mice: behavioural adjustments of striped field mice to urban environments. <b>2020</b> , 10, 13056	12
699	How do conditions at birth influence early-life growth rates in wild boar?. <b>2020</b> , 11, e03167	4
698	Individual differences in risk-taking affect foraging across different landscapes of fear. <b>2020</b> , 129, 1891-1902	7
697	Behavioural response to simulated avian predation varies with latitude and predation intensity of natural populations. <b>2020</b> , 34, 1037-1046	2
696	Motorway age is linked to larger body size, but not song carrier frequency, in male grasshoppers from roadside populations. <b>2020</b> , 34, 945-961	0
695	Cognition in a Changing World: Red-Headed Gouldian Finches Enter Spatially Unfamiliar Habitats More Readily Than Do Black-Headed Birds. <b>2020</b> , 8,	2
694	Innovative problem-solving in wild hyenas is reliable across time and contexts. <b>2020</b> , 10, 13000	4
693	Chasing away accurate results: exhaustive chase protocols underestimate maximum metabolic rate estimates in European perch <i>Perca fluviatilis</i> . <b>2020</b> , 97, 1644-1650	7
692	The Size, Symmetry, and Color Saturation of a Male Guppy's Ornaments Forecast His Resistance to Parasites. <b>2020</b> , 196, 597-608	1

691	Foraging behavior and extended phenotype independently affect foraging success in spiders. <b>2020</b> , 31, 1242-1249	1
690	Becoming creatures of habit: Among- and within-individual variation in nesting behaviour shift with age. <b>2020</b> , 33, 1614-1624	2
689	Rapid adaptation to invasive predators overwhelms natural gradients of intraspecific variation. <b>2020</b> , 11, 3608	12
688	Venomous snakes elicit stronger fear than nonvenomous ones: Psychophysiological response to snake images. <b>2020</b> , 15, e0236999	7
687	Analysing phenotypic variation in barn swallows ( <i>Hirundo rustica</i> ) across China to assess subspecies status. <b>2020</b> , 131, 319-331	3
686	Vocal panting: a novel thermoregulatory mechanism for enhancing heat tolerance in a desert-adapted bird. <b>2020</b> , 10, 18914	7
685	Assessing Nursing Homes Quality Indicators' Between-Provider Variability and Reliability: A Cross-Sectional Study Using ICCs and Rankability. <b>2020</b> , 17,	2
684	Predatory behaviour as a personality trait in a wild fish population. <b>2020</b> , 170, 51-64	7
683	Personality-specific carry-over effects on breeding. <b>2020</b> , 287, 20202381	2
682	Physiological Stress Integrates Resistance to Rattlesnake Venom and the Onset of Risky Foraging in California Ground Squirrels. <b>2020</b> , 12,	5
681	Analysis of within-individual variation in extrapair paternity in blue tits ( <i>Cyanistes caeruleus</i> ) shows low repeatability and little effect of changes in neighborhood. <b>2020</b> , 31, 1303-1315	2
680	Seasonal survival and reversible state effects in a long-distance migratory shorebird. <b>2020</b> , 89, 2043-2055	10
679	Consistency in the strength of laterality in male, but not female, guppies across different behavioural contexts. <b>2020</b> , 16, 20190870	8
678	Microclimate buffering and thermal tolerance across elevations in a tropical butterfly. <b>2020</b> , 223,	18
677	Reduced exploration capacity despite brain volume increase in warm-acclimated common minnow. <b>2020</b> , 223,	4
676	Tracing the early steps of competition-driven eco-morphological divergence in two sister species of passerines. <b>2020</b> , 34, 501-524	5
675	Helping decisions and kin recognition in long-tailed tits: is call similarity used to direct help towards kin?. <b>2020</b> , 375, 20190565	5
674	Does consistent individual variability in pelagic fish larval behaviour affect recruitment in nursery habitats?. <b>2020</b> , 74, 1	4



673	Individual consistency in exploration and shyness but not activity in smooth newts ( <i>Lissotriton vulgaris</i> ): the effect of habituation?. <b>2020</b> , 311, 269-276	1
672	Full lifetime perspectives on the costs and benefits of lay-date variation in tree swallows. <b>2020</b> , 101, e03109	6
671	Ecology and allometry predict the evolution of avian developmental durations. <b>2020</b> , 11, 2383	16
670	Effects of food availability on the trophic niche of the hazel dormouse <i>Muscardinus avellanarius</i> . <b>2020</b> , 470-471, 118215	2
669	Plastic sexual ornaments: Assessing temperature effects on color metrics in a color-changing reptile. <b>2020</b> , 15, e0233221	5
668	Footedness predicts escape performance in a passerine bird. <b>2020</b> , 10, 4251-4260	1
667	Rising to the challenge? Inter-individual variation of the androgen response to social interactions in cichlid fish. <b>2020</b> , 124, 104755	6
666	Foster rather than biological parental telomere length predicts offspring survival and telomere length in king penguins. <b>2020</b> , 29, 3155-3167	7
665	Long-term repeatability of behaviours in zebrafish ( <i>Danio rerio</i> ). <b>2020</b> , 126, 803-811	7
664	Dynamics and determinants of glucocorticoid metabolite concentrations in wild Verreaux's sifakas. <b>2020</b> , 124, 104760	7
663	Foraging ecology of masked boobies ( <i>Sula dactylatra</i> ) in the world's largest oceanic desert. <b>2020</b> , 167, 1	2
662	Nest construction, ambient temperature and reproductive success in a cavity-nesting bird. <b>2020</b> , 165, 43-58	4
661	Effects of genetic origin on phenotypic divergence in Brook Trout populations stocked with domestic fish. <b>2020</b> , 11, e03119	1
660	Female spider aggression is associated with genetic underpinnings of the nervous system and immune response to pathogens. <b>2020</b> , 29, 2626-2638	2
659	Demographic and reproductive associations with nematode infection in a long-lived mammal. <b>2020</b> , 10, 9214	0
658	The Hidden Dimension: Context-Dependent Expression of Repeatable Behavior in Copepods. <b>2020</b> , 39, 1017-1026	2
657	Sub-lethal exposure to a mammalian pesticide bait alters behaviour in an orthopteran. <b>2020</b> , 24, 535-546	0
656	Proactive common waxbills make fewer mistakes in a cognitive assay, the detour-reaching task. <b>2020</b> , 74, 1	16

655	The role of maize cultivation on European hare abundance. <b>2020</b> , 295, 106909	4
654	The effect of parasite density on host colonisation success by a mobile avian ectoparasite. <b>2020</b> , 45, 867-875	6
653	Colony size, nestmate density and social history shape behavioural variation in <i>Formica fusca</i> colonies. <b>2020</b> , 126, 727-734	1
652	Floral Humidity in Flowering Plants: A Preliminary Survey. <b>2020</b> , 11, 249	5
651	Exploration profiles drive activity patterns and temporal niche specialization in a wild rodent. <b>2020</b> , 31, 772-783	10
650	Opposing fitness consequences of habitat use in a harvested moose population. <b>2020</b> , 89, 1701-1710	4
649	Geolocators lead to better measures of timing and reneating in black-tailed godwits and reveal the bias of traditional observational methods. <b>2020</b> , 51,	5
648	Yolk immunoreactive corticosterone does not relate with maternal fecal glucocorticoids in a captive population of Greater Rheas ( <i>Rhea americana</i> ). <b>2020</b> , 161, 1025-1032	0
647	Baseline corticosterone is associated with parental care in virgin Japanese quail ( <i>Coturnix japonica</i> ). <b>2020</b> , 124, 104781	2
646	Evidence for Individual Differences in Behaviour and for Behavioural Syndromes in Adult Shelter Cats. <b>2020</b> , 10,	5
645	Geometry of the ideal free distribution: individual behavioural variation and annual reproductive success in aggregations of a social ungulate. <b>2020</b> , 23, 1360-1369	3
644	Does individual personality predict male mating preference for female body size in the Trinidadian guppy?. <b>2020</b> , 126, 1019-1030	1
643	Predator personality and prey detection: inter-individual variation in responses to cryptic and conspicuous prey. <b>2020</b> , 74, 1	6
642	Plasticity, repeatability and phenotypic correlations of aerobic metabolic traits in a small estuarine fish. <b>2020</b> , 223,	3
641	Assessing feed attractability in Pacific white shrimp ( <i>Litopenaeus vannamei</i> ) using an automated tracking software. <b>2020</b> , 529, 735692	3
640	Ineffectiveness of light emitting diodes as underwater deterrents for Long-tailed Ducks <i>Clangula hyemalis</i> . <b>2020</b> , 23, e01102	4
639	Geometric morphometrics of microscopic animals as exemplified by model nematodes. <b>2020</b> , 15, 2611-2644	5
638	Intraspecific functional trait structure of restoration-relevant species: Implications for restoration seed sourcing. <b>2020</b> , 57, 864-874	4

637	A longitudinal assessment of behavioral development in wild capuchins: Personality is not established in the first 3 years. <b>2020</b> , 82, e23116	1
636	Contrasting patterns of sexually selected traits in Mediterranean and continental populations of European mouflon. <b>2020</b> , 10, 2085-2092	2
635	Timing, frequency, and duration of incubation recesses in dabbling ducks. <b>2020</b> , 10, 2513-2529	7
634	Early sexual dimorphism in the developing gut microbiome of northern elephant seals. <b>2020</b> , 29, 2109-2122	12
633	Within-Family Environment and Cross-Fostering Stress Affect Behavior and Physiology in Wild Cavies (). <b>2020</b> , 11, 178	
632	Parasitic Personalities: Consistent Individual Differences in Behavior in a Facultatively Parasitic Mite. <b>2020</b> , 33, 14-19	4
631	Comparing behavioural syndromes across time and ecological conditions in a free-ranging predator. <b>2020</b> , 162, 23-33	15
630	Spatial ecology of loggerhead turtles: Insights from stable isotope markers and satellite telemetry. <b>2020</b> , 26, 368-381	6
629	A behavioural trait displayed in an artificial novel environment correlates with dispersal in a wild bird. <b>2020</b> , 126, 540-552	6
628	How repeatable is CT within individual brook trout over short- and long-time intervals?. <b>2020</b> , 89, 102559	11
627	Identifying individual polar bears at safe distances: A test with captive animals. <b>2020</b> , 15, e0228991	1
626	Revisiting more or less: influence of numerosity and size on potential prey choice in the domestic cat. <b>2020</b> , 23, 491-501	4
625	Niche partitioning within a population of sea snakes is constrained by ambient thermal homogeneity and small prey size. <b>2020</b> , 129, 644-651	11
624	Timing of arrival in the breeding area is repeatable and affects reproductive success in a non-migratory population of blue tits. <b>2020</b> , 89, 1017-1031	9
623	Individual exploratory responses are not repeatable across time or context for four species of food-storing corvid. <b>2020</b> , 10, 394	6
622	Evaluating the Reliability of Non-Specialist Observers in the Behavioural Assessment of Semi-Captive Asian Elephant Welfare. <b>2020</b> , 10,	1
621	Anthropogenic noise is associated with telomere length and carotenoid-based coloration in free-living nestling songbirds. <b>2020</b> , 260, 114032	7
620	Rapid condition monitoring of an endangered marine vertebrate using precise, non-invasive morphometrics. <b>2020</b> , 242, 108402	7

619	Increased summer food supply decreases non-breeding movement in black-legged kittiwakes. <b>2020</b> , 16, 20190725	3
618	The role of mesotocin on social bonding in pinyon jays. <b>2020</b> , 126, 165-175	3
617	Predictors of individual differences in play behavior in Eurasian lynx cubs. <b>2020</b> , 311, 56-65	4
616	Correlation in telomere lengths between feathers and blood cells in pied flycatchers. <b>2020</b> , 51,	5
615	Causes and consequences of facultative sea crossing in a soaring migrant. <b>2020</b> , 34, 840-852	6
614	Geographical origin determines responses to salinity of Mediterranean caddisflies. <b>2020</b> , 15, e0220275	2
613	The importance of quantitative trait differentiation in restoration: landscape heterogeneity and functional traits inform seed transfer guidelines. <b>2020</b> , 12, plaa009	5
612	Personality traits change after an opportunity to mate. <b>2020</b> , 287, 20192936	3
611	Independent evolution of song diversity and song motor performance in canaries, goldfinches and allies indicates clade-specific trade-offs in birdsong. <b>2020</b> , 74, 1170-1185	1
610	Differences in oxidative status explain variation in thermal acclimation capacity between individual mosquitofish ( <i>Gambusia holbrooki</i> ). <b>2020</b> , 34, 1380-1390	13
609	Do female rainbow kribbs choose males on the basis of their apparent aggression and boldness? A non-correlational mate choice study. <b>2020</b> , 74, 1	4
608	When personality matters: personality and social structure in wild bottlenose dolphins, <i>Tursiops truncatus</i> . <b>2020</b> , 163, 73-84	11
607	Across time and space: Hormonal variation across temporal and spatial scales in relation to nesting success. <b>2020</b> , 292, 113462	4
606	Heterogeneity in migration strategies of Whooping Cranes. <b>2020</b> , 122,	4
605	Consistent measures of oxidative balance predict survival but not reproduction in a long-distance migrant. <b>2020</b> , 89, 1872-1882	3
604	Aggregation and social interaction in garter snakes ( <i>Thamnophis sirtalis sirtalis</i> ). <b>2020</b> , 74, 1	11
603	Zebra finches bi-directionally selected for personality differ in repeatability of corticosterone and testosterone. <b>2020</b> , 122, 104747	3
602	Never forget where you came from: Microhabitat of origin influences boldness and exploration in the hermit crab <i>Clibanarius symmetricus</i> (Diogenidae). <b>2020</b> , 527, 151365	1

601	Sex-specific patterns of age-related cerebral atrophy in a nonhuman primate <i>Microcebus murinus</i> . <b>2020</b> , 91, 148-159	5
600	Characterising the flight song: repeatable individual variation of Ovenbird song features. <b>2021</b> , 30, 232-251	1
599	Stable isotopes demonstrate intraspecific variation in habitat use and trophic level of non-breeding albatrosses. <b>2021</b> , 163, 463-472	3
598	More exploratory house mice judge an ambiguous situation more negatively. <b>2021</b> , 24, 53-64	3
597	Walking behaviour in the ground beetle, : dispersal potential, intermittency and individual variation. <b>2021</b> , 111, 200-209	2
596	Behavior and detection method influence detection probability of a translocated, endangered amphibian. <b>2021</b> , 24, 401-411	5
595	Size-selective mortality induces evolutionary changes in group risk-taking behaviour and the circadian system in a fish. <b>2021</b> , 90, 387-403	4
594	Wing: A suitable nonlethal tissue type for repeatable and rapid telomere length estimates in bats. <b>2021</b> , 21, 421-432	4
593	Individual and sex-related patterns of prolonged flights during both day and night by great reed warblers crossing the Mediterranean Sea and Sahara Desert. <b>2021</b> , 52,	2
592	The effects of food supply on reproductive hormones and timing of reproduction in an income-breeding seabird. <b>2021</b> , 127, 104874	2
591	A repeatable and quantitative DNA metabarcoding assay to characterize mixed strongyle infections in horses. <b>2021</b> , 51, 183-192	7
590	Quantitative Interspecific Approach to the Stylosphere: Patterns of Bacteria and Fungi Abundance on Passerine Bird Feathers. <b>2021</b> , 81, 1088-1097	2
589	Habitat features and colony characteristics influencing ant personality and its fitness consequences. <b>2021</b> , 32, 124-137	2
588	Developing and validating attention bias tools for assessing trait and state affect in animals: A worked example with <i>Macaca mulatta</i> . <b>2021</b> , 234, 105198	5
587	Telomere length in relation to colour polymorphism across life stages in the tawny owl. <b>2021</b> , 52,	1
586	Measuring personality traits in Eurasian red squirrels: A critical comparison of different methods. <b>2021</b> , 127, 187-201	5
585	Linking winter habitat use, diet and reproduction in snowy owls using satellite tracking and stable isotope analyses. <b>2021</b> , 57, 166-182	0
584	Phenotypic flexibility in heat production and heat loss in response to thermal and hydric acclimation in the zebra finch, a small arid-zone passerine. <b>2021</b> , 191, 225-239	4

583	Soundscape of urban-tolerant crickets (Orthoptera: Gryllidae, Trigonidiidae) in a tropical Southeast Asia city, Singapore. <b>2021</b> , 30, 469-486		1
582	Does thermal plasticity affect susceptibility to capture in fish? Insights from a simulated trap and trawl fishery. <b>2021</b> , 78, 57-67		3
581	Wasteful carotenoid coloration and its effects on territorial behavior in a cichlid fish. <b>2021</b> , 848, 3683-3698		4
580	Physiological and behavioural effects of anemone bleaching on symbiont anemonefish in the wild. <b>2021</b> , 35, 663-674		9
579	A comparison of two methods for estimating measurement repeatability in morphometric studies. <b>2021</b> , 11, 763-770		1
578	Long-term tracking of an Arctic-breeding seabird indicates high fidelity for pelagic wintering areas.		6
577	Independent evolution toward larger body size in the distinctive Faroe Island mice. <b>2021</b> , 11,		
576	Relationship between exploratory activity and adrenocortical activity in the black rat ( <i>Rattus rattus</i> ). <b>2021</b> , 335, 286-295		
575	Host traits, identity, and ecological conditions predict consistent flea abundance and prevalence on free-living California ground squirrels. <b>2021</b> , 51, 587-598		2
574	Detecting seed bank influence on plant metapopulation dynamics. <i>Methods in Ecology and Evolution</i> , <b>2021</b> , 12, 655-664	7.7	1
573	Personality and behavioral syndromes in two <i>Peromyscus</i> species: presence, lack of state dependence, and lack of association with home range size. <b>2021</b> , 75, 1		5
572	Predator presence affects activity patterns but not food consumption or growth of juvenile corkwing wrasse ( <i>Symphodus melops</i> ). <b>2021</b> , 75, 1		1
571	Is earlier reproduction associated with higher or lower survival? Antagonistic results between individual and population scales in the blue tit.		1
570	Sex-specific signalling of individual personality by a mutual plumage ornament in a passerine. <b>2021</b> , 75, 1		1
569	Repeatability of lateralisation in mosquitofish <i>Gambusia holbrooki</i> despite evidence for turn alternation in detour tests. <b>2021</b> , 24, 765-775		4
568	Behavioural repeatability in Sardinian warblers ( <i>Sylvia melanocephala</i> ): larger individuals are more aggressive. <b>2021</b> , 24, 31-40		0
567	Repeatable individual differences in behaviour and physiology in juvenile horses from an early age. <b>2021</b> , 235, 105227		2
566	Long-distance migrants vary migratory behaviour as much as short-distance migrants: An individual-level comparison from a seabird species with diverse migration strategies. <b>2021</b> , 90, 1058-1070		11

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- 544 Are evolutionary transitions in sexual size dimorphism related to sex determination in reptiles?. **2021**, 34, 594-603 0
- 543 Nestling, but not adult male, barn swallows emit short calls in noisy environments. **2021**, 133, 57-67 1
- 542 Effects of age, sex, and ENSO phase on foraging and flight performance in Nazca boobies. **2021**, 11, 4084-4100 2
- 541 The role of personality traits in pair bond formation: pairing is influenced by the trait of exploration.. **2021**, 158, 447-478 1
- 540 Climate-driven flyway changes and memory-based long-distance migration. **2021**, 591, 259-264 9
- 539 Intertrip consistency in hunting behavior improves foraging success and efficiency in a marine top predator. **2021**, 11, 4428-4441 2
- 538 Plasticity in timing of avian breeding in response to spring temperature differs between early and late nesting species. **2021**, 11, 5410 2
- 537 Contribution to the special issue on reptile cognition: Dealing with the unexpected: the effect of environmental variability on behavioural flexibility in a Mediterranean lizard. **2021**, 1-31 4
- 536 Sex-specific energy management strategies in response to training for increased foraging effort prior to reproduction in captive zebra finches. **2021**, 224, 1
- 535 Phenology-mediated effects of phenotype on the probability of social polygyny and its fitness consequences in a migratory passerine. **2021**, 21, 55 2
- 534 Sexual Mismatch Between Vessel-Associated Foraging and Discard Consumption in a Marine Top Predator. **2021**, 8, 1
- 533 Investigating a trade-off between the quality of nest grown feathers and pace of development in an altricial bird. 0
- 532 Análisis retrospectivo de caracteres reproductivos en hembras bovinas criollas colombianas Rimosinuano. **2021**, 22, 1
- 531 Parental age does not influence offspring telomeres during early life in common gulls (*Larus canus*). **2021**, 1
- 530 Motivation, accuracy and positive feedback through experience explain innovative problem solving and its repeatability. **2021**, 174, 249-261 5



529	Diet and gut microbiome enterotype are associated at the population level in African buffalo. <b>2021</b> , 12, 2267	8
528	From the leaf to the community: Distinct dimensions of phytochemical diversity shape insect-plant interactions within and among individual plants. <b>2021</b> , 109, 2475-2487	3
527	Physiological adjustments to high foraging effort negatively affect fecundity but not final reproductive output in captive zebra finches. <b>2021</b> , 224,	0
526	Human activity shapes the wintering ecology of a migratory bird. <b>2021</b> , 27, 2715-2727	6
525	Sperm Sizer: a program to semi-automate the measurement of sperm length. <b>2021</b> , 75, 1	0
524	In situ novel environment assay reveals acoustic exploration as a repeatable behavioral response in migratory bats. <b>2021</b> , 11, 8174	1
523	epg5 knockout leads to the impairment of reproductive success and courtship behaviour in a zebrafish model of autophagy-related diseases.. <b>2021</b> ,	0
522	Manipulating parental condition affects brood sex ratio, immunocompetence, and early chick mortality in two gull species differing in sexual size dimorphism. <b>2021</b> , 138,	1
521	Body coloration as a dynamic signal during intrasexual communication in a cichlid fish. <b>2021</b> , 6,	0
520	partR2: partitioning R in generalized linear mixed models. <b>2021</b> , 9, e11414	23
519	Selective effects of small barriers on river-resident fish. <b>2021</b> , 58, 1487	6
518	Seed predation and dispersal by small mammals in a landscape of fear: effects of personality, predation risk and land-use change.	4
517	Seasonal patterns of spatial fidelity and temporal consistency in the distribution and movements of a migratory ungulate. <b>2021</b> , 11, 8183-8200	6
516	The genetic regulation of avian migration timing: combining candidate genes and quantitative genetic approaches in a long-distance migrant. <b>2021</b> , 196, 373-387	2
515	Individuality meets plasticity: Endocrine phenotypes across male dominance rank acquisition in guinea pigs living in a complex social environment. <b>2021</b> , 131, 104967	3
514	Personality profiling may help select better cleaner fish for sea-lice control in salmon farming.	0
513	Social dominance and rainfall predict telomere dynamics in a cooperative arid-zone bird. <b>2021</b> ,	5
512	Reproductive Strategies Change With Time in a Newly Founded Colony of Spotless Starlings ( <i>Sturnus unicolor</i> ). <b>2021</b> , 9,	1

511	Do colour morphs of wall lizards express different personalities?. <b>2021</b> , 133, 1139-1151	1
510	Does Hyperoxia Restrict Pyrenean Rock Lizards <i>Iberolacerta bonnali</i> to High Elevations?. <b>2021</b> , 13, 200	1
509	Can Sexual Selection Drive the Evolution of Sperm Cell Structure?. <b>2021</b> , 10,	1
508	Longer telomeres during early life predict higher lifetime reproductive success in females but not males. <b>2021</b> , 288, 20210560	5
507	Hormone-mediated foraging strategies in an uncertain environment: Insights into the at-sea behavior of a marine predator. <b>2021</b> , 11, 7579-7590	0
506	In utero accumulated steroids predict neonate anti-predator response in a wild mammal. <b>2021</b> , 35, 1255-1267	3
505	Light-level geolocators reveal spatial variations in interactions between northern fulmars and fisheries. <b>2021</b> , SEA,	6
504	An efficient new assay for measuring zebrafish anxiety: Tall tanks that better characterize between-individual differences. <b>2021</b> , 356, 109138	5
503	Great tits who remember more accurately have difficulty forgetting, but variation is not driven by environmental harshness. <b>2021</b> , 11, 10083	1
502	The longitudinal stability of fMRI activation during reward processing in adolescents and young adults. <b>2021</b> , 232, 117872	5
501	Female ornamentation, incubation behavior, and reproductive success in a wild bird. <b>2021</b> , 75, 1	
500	Genomic Prediction and Genotype-by-Environment Interaction Analysis of Crown and Stem Rust in Ryegrasses in European Multi-Site Trials. <b>2021</b> , 11, 1119	0
499	Exploration influences problem solving in the fawn-footed mosaic-tailed rat ( <i>Melomys cervinipes</i> ). <b>2021</b> , 127, 592-604	1
498	Highly variable sperm morphology in the masked finch ( <i>Poephila personata</i> ) and other estrildid finches. <b>2021</b> , 133, 1099-1109	0
497	Cognition and covariance in the producer-scrounger game. <b>2021</b> , 90, 2497-2509	4
496	Host personality predicts cuckoo egg rejection in Daurian redstarts. <b>2021</b> , 288, 20210228	1
495	Early-life seasonal, weather and social effects on telomere length in a wild mammal. <b>2021</b> ,	3
494	The ontogeny of personality: Repeatability of social and escape behaviors across developmental stages in Siberian hamsters ( <i>Phodopus sungorus</i> ). <b>2021</b> , 335,	0

493	Breeding Great Tit <i>Parus major</i> Individuals have Moderately Consistent Foraging Niches Across Years. <b>2021</b> , 68,	1
492	Evaluating the Quality of Ecoinformatics Data Derived From Commercial Agriculture: A Repeatability Analysis of Pest Density Estimates. <b>2021</b> , 114, 1842-1846	1
491	Low repeatability of aversive learning in zebrafish ( <i>Danio rerio</i> ). <b>2021</b> , 224,	4
490	Pathogen-mediated selection favours the maintenance of innate immunity gene polymorphism in a widespread wild ungulate. <b>2021</b> , 34, 1156-1166	2
489	Sperm length divergence as a potential prezygotic barrier in a passerine hybrid zone. <b>2021</b> , 11, 9489-9497	0
488	Evolutionary and ecological processes influencing chemical defense variation in an aposematic and mimetic butterfly. <b>2021</b> , 9, e11523	1
487	Prevalence and severity of verbal, physical, and sexual inpatient violence against nurses in Swiss psychiatric hospitals and associated nurse-related characteristics: Cross-sectional multicentre study. <b>2021</b> , 30, 1550-1563	2
486	Extent, impact, and mitigation of batch effects in tumor biomarker studies using tissue microarrays.	0
485	Year-round at-sea distribution and trophic resources partitioning between two sympatric Sulids in the tropical Atlantic. <b>2021</b> , 16, e0253095	0
484	Parasites differentially impact crayfish personality in different contexts. <b>2021</b> , 158, 921-943	0
483	A management-scale investigation of consistent individual differences in behaviour and trapping bias in Sea Lamprey ( <i>Petromyzon marinus</i> ).	
482	Concurrent Validity Between Two Sound Sequencing Tasks Used to Identify Childhood Apraxia of Speech in School-Age Children. <b>2021</b> , 30, 1580-1588	2
481	Is there a bias in spatial maze judgment bias tests? Individual differences in subjects' novelty response can affect test results. <b>2021</b> , 407, 113262	4
480	Identification of thresholds for accuracy comparisons of heart rate and respiratory rate in neonates.. <b>2021</b> , 5, 93	1
479	Repeatability of foraging behavior following a simulated predation attempt depends on color morph, sex, and foraging metric in Red-backed salamanders ( <i>Plethodon cinereus</i> ). 1-14	0
478	Testing measures of boldness and exploratory activity in native versus invasive species: geckos as a model system. <b>2021</b> , 177, 215-222	0
477	Variation in root system architecture among the founder parents of two 8-way MAGIC wheat populations for selection in breeding.	0
476	Third-party assessment of contestants during fallow deer fights increases with resource abundance and dominance rank. <b>2021</b> , 177, 81-89	1

- 475 Genomics of altitude-associated wing shape in two tropical butterflies. **2021**, 30, 6387-6402 1
- 474 Quantifying variation in female internal genitalia: no evidence for plasticity in response to sexual conflict risk in a seed beetle. **2021**, 288, 20210746 0
- 473 Birds use individually consistent temperature cues to time their migration departure. **2021**, 118, 4
- 472 Evidence for animal personalities in two Brazilian tortoises (*Chelonoidis denticulatus* and *Chelonoidis carbonarius*) and insights for their conservation. **2021**, 241, 105400 1
- 471 Are There Personality Differences between Rural vs. Urban-Living Individuals of a Specialist Ground Beetle, ?. **2021**, 12, 2
- 470 Egg size variation in a long-lived polyandrous shorebird in the context of senescence and breeding phenology. 0
- 469 Differences in the number of de novo mutations between individuals are due to small family-specific effects and stochasticity. **2021**, 31, 1513-1518 1
- 468 Individual variability in habitat, migration routes and niche used by Trindade petrels, *Pterodroma arminjoniana*. **2021**, 168, 1 1
- 467 Variable and consistent traffic noise negatively affect the sleep behavior of a free-living songbird. **2021**, 778, 146338 4
- 466 Male aggressiveness and risk-taking during reproduction are repeatable but not correlated in a wild bird population. **2021**, 75, 1 0
- 465 Estimating the long-term repeatability of food-hoarding behaviours in an avian predator. **2021**, 17, 20210286 1
- 464 A migratory sparrow has personality in winter that is independent of other traits. **2021**, 178, 217-227 0
- 463 Does genetic differentiation underlie behavioral divergence in response to migration barriers in sticklebacks? A common garden experiment. 0
- 462 Parental investment in the Columbian ground squirrel: empirical tests of sex allocation models. **2021**, 102, e03479 1
- 461 Environment dependent benefits of inter-individual variation in honey bee recruitment. 0
- 460 Male sperm storage impairs sperm quality in the zebrafish. **2021**, 11, 16689 0
- 459 Early social context does not influence behavioral variation at adulthood in ants.. **2022**, 68, 335-344 0
- 458 Lifetime movement history is associated with variable growth of a potamodromous freshwater fish. **2021**, 90, 2560-2572 0

457	Wing transparency in butterflies and moths: structural diversity, optical properties, and ecological relevance. e01475	1
456	Validation of the Finnish FACE-Q for use in patients undergoing surgery for functional problems or malignancy. <b>2021</b> , 1-7	
455	Regional variation of potentially avoidable hospitalisations in Switzerland: an observational study. <b>2021</b> , 21, 849	1
454	Cooperative nest building in wild jackdaw pairs. <b>2021</b> , 178, 149-163	0
453	Impulsivity is affected by cognitive enrichment and links to brain gene expression in red junglefowl chicks. <b>2021</b> , 178, 195-207	5
452	Does brain size affect mate choice? An experimental examination in pygmy halfbeaks.. <b>2021</b> , 32, 1103-1113	2
451	Treatment-level impacts of microplastic exposure may be confounded by variation in individual-level responses in juvenile fish. <b>2021</b> , 416, 126059	2
450	Basal metabolic rate in free-ranging tropical birds lacks long-term repeatability and is influenced by ambient temperature. <b>2021</b> , 335, 668-677	0
449	Within-individual repeatability in telomere length: A meta-analysis in nonmammalian vertebrates. <b>2021</b> ,	4
448	Spatial and temporal variation in proximity networks of commercial dairy cattle in Great Britain. <b>2021</b> , 194, 105443	1
447	Are cognition and personality related in budgerigars?. <b>2022</b> , 68, 315-323	1
446	Low Repeatability of Breeding Events Reflects Flexibility in Reproductive Timing in the Pied Flycatcher <i>Ficedula hypoleuca</i> in Spain. <b>2021</b> , 69,	0
445	Motivation matters: lighter littermates of the domestic cat compete more successfully for meat at weaning. <b>2021</b> , 75, 1	
444	Repeatability of migratory behaviour suggests trade-off between size and survival in a wild iteroparous salmonid.	3
443	Cold arousal - A mechanism used by hibernating bats to reduce the energetic costs of disturbance. <b>2021</b> , 101, 103107	0
442	Heating rates are more strongly influenced by near-infrared than visible reflectance in beetles. <b>2021</b> , 224,	8
441	Land-use change alters associations between personality and microhabitat selection. <b>2021</b> , 31, e02443	3
440	Experimental Manipulation of Corticosterone Does Not Affect Venom Composition or Functional Activity in Free-Ranging Rattlesnakes. <b>2021</b> , 94, 286-301	

- 439 A lack of repeatability creates the illusion of a trade-off between basal and plastic cold tolerance. 1
- 438 Does the presence of a conspecific increase or decrease fear? Neophobia and habituation in zebra finches. 0
- 437 American eel personality and body length influence passage success in an experimental fishway. 1
- 436 Sperm numbers on the perivitelline layers of blue tit eggs are repeatable within a clutch, but independent of the occurrence of extra-pair paternity. **2021**, 52, 0
- 435 Large brain size is associated with low extra-pair paternity across bird species. **2021**, 11, 13601-13608 0
- 434 Rapid shifts in behavioural traits during a recent fish invasion. **2021**, 75, 1 0
- 433 Testosterone treatment produces sex-dependent effects in social dominance. **2021**, 179, 307-315 0
- 432 Size-selective mortality fosters ontogenetic changes in collective risk-taking behaviour in zebrafish, *Danio rerio*. 0
- 431 Bridging animal personality with space use and resource use in a free-ranging population of an asocial ground squirrel. **2021**, 180, 291-306 0
- 430 Longitudinal evidence for immunosenescence and inflammaging in free-living great tits. **2021**, 154, 111527 1
- 429 Individuality, as well as genetic background, affects syntactical features of courtship songs in male mice. **2021**, 180, 179-196 2
- 428 Repeatability of daily profiles of baseline glucocorticoid metabolites measured in the urine and faeces of eastern rock sengis (*Elephantulus myurus*). **2021**, 312, 113857 0
- 427 Seasonal dynamics of prey utilization and individual specialization in a generalist spider in a pear orchard. **2021**, 163, 104763 0
- 426 Metabolic Rates and Thermal Thresholds of Embryonic Flatback Turtles (*Chelonia mydas*) from the North West Shelf of Australia. **2021**, 94, 429-442 0
- 425 Olfactory detection of trace amounts of plant volatiles is correlated with testosterone in a passerine bird. **2021**, 136, 105045 2
- 424 Early-life behaviour predicts first-year survival in a long-distance avian migrant. **2021**, 288, 20202670 6
- 423 Environmental temperature during early life affects the personality of mosquitofish in adulthood. **2021**, 67, 481-488 1
- 422 Individual variation influences avoidance behaviour of invasive common carp (*Cyprinus carpio*) and native buffalo (*Ictiobus*) to stroboscopic and acoustic deterrents. **2021**, 1 1

421	Long-term effects of prenatal sound experience on songbird behavior and their relation to song learning. <b>2021</b> , 75, 1	2
420	The repeatable opportunity for selection differs between pre- and postcopulatory fitness components. <b>2021</b> , 5, 101-114	4
419	Sex-specific effects of parasites on telomere dynamics in a short-lived passerine-the blue tit. <b>2019</b> , 106, 6	6
418	Developmental conditions promote individual differentiation of endocrine axes and behavior in a tropical pinniped. <b>2021</b> , 195, 25-35	2
417	Augmenting the Clinical Data Sources for Enigmatic Diseases: A Cross-Sectional Study of Self-Tracking Data and Clinical Documentation in Endometriosis. <b>2020</b> , 11, 769-784	2
416	Hydrogen sulfide exposure reduces thermal set point in zebrafish. <b>2020</b> , 7, 200416	4
415	Redirection of ambient light improves predator detection in a diurnal fish. <b>2020</b> , 287, 20192292	6
414	Mimicry drives convergence in structural and light transmission features of transparent wings in Lepidoptera.	3
413	partR2: Partitioning R2 in generalized linear mixed models.	7
412	Consistent variations in personality traits and their potential for genetic improvement of biocontrol agents: <i>Trichogramma evanescens</i> as a case study.	0
411	Stochasticity explains differences in the number of de novo mutations between families.	1
410	Recent demographic histories and genetic diversity across pinnipeds are shaped by anthropogenic interactions and mediated by ecology and life-history.	2
409	Antagonistic pathogen-mediated selection favours the maintenance of innate immune gene polymorphism in a widespread wild ungulate.	3
408	Natural copy number differences of tandemly repeated small nucleolar RNAs in the Prader-Willi syndrome genomic region regulate individual behavioral responses in mammals.	1
407	Attentive red squirrel mothers have faster-growing pups and higher lifetime reproductive success.	2
406	Harvesting-induced evolution of collective risk-taking behavior and changes to the circadian system in a fish.	1
405	Ageing before birth: pace and stability of prenatal growth affect telomere dynamics.	5
404	Disentangling the effects of genetic and environmental factors on movement behaviour. <b>2018</b> , 124, 139-148	4

403	Finnish translation and validation of the FACE-Q Eye module. <b>2020</b> , 1457496920982767	2
402	Precision and additivity of organic matter digestibility obtained via in vitro multi-enzymatic method. <b>2020</b> , 103, 4880-4891	3
401	Sex differences in individual foraging site fidelity of Campbell albatross. <b>2018</b> , 601, 227-238	8
400	Non-breeding distribution and activity patterns in a temperate population of brown skua. <b>2018</b> , 603, 215-226	3
399	Success comes with consistency in hard times: foraging repeatability relates to sex and breeding output in African penguins. <b>2019</b> , 608, 279-289	8
398	Genetic differences in thermal tolerance among colonies of threatened coral <i>Acropora cervicornis</i> : potential for adaptation to increasing temperature. <b>2020</b> , 646, 45-68	8
397	Variation in Egg Size of Black-Tailed Godwits. <b>2020</b> , 107, 291	5
396	A small number of workers with specific personality traits perform tool use in ants. <b>2020</b> , 9,	4
395	The French press: a repeatable and high-throughput approach to exercising zebrafish (). <b>2018</b> , 6, e4292	2
394	No male mate choice for female boldness in a bi-parental West African cichlid, the rainbow krib (). <b>2018</b> , 6, e5373	4
393	Seeing spots: quantifying mother-offspring similarity and assessing fitness consequences of coat pattern traits in a wild population of giraffes (). <b>2018</b> , 6, e5690	7
392	Ecological drivers of eggshell wettability in birds. <b>2021</b> , 18, 20210488	2
391	Plumage colour saturation predicts long-term, cross-seasonal social dominance in a mutually ornamented bird. <b>2021</b> ,	2
390	Experimental demonstration of prenatal programming of mitochondrial aerobic metabolism lasting until adulthood.	1
389	Reduced host-plant specialization is associated with the rapid range expansion of a Mediterranean butterfly. <b>2021</b> , 48, 3016	2
388	Inhibitory control, exploration behaviour and manipulated ecological context are associated with foraging flexibility in the great tit. <b>2021</b> ,	3
387	Sperm depletion in relation to developmental nutrition and genotype in <i>Drosophila melanogaster</i> . <b>2021</b> , 75, 2830-2841	1
386	Identification of thresholds for accuracy comparisons of heart rate and respiratory rate in neonates. 5, 93	2



- 385 Hydrophobicity in clearwing butterflies and moths: impact of scale micro and nanostructure, and trade-off with optical transparency.
- 384 The telomere regulatory gene POT1 responds to stress and predicts performance in nature: Implications for telomeres and life history evolution. **2021**, 2
- 383 Prolactin mediates behavioural rejection responses to avian brood parasitism. **2021**, 224, 3
- 382 Repeatability of methylation measures using a QIAseq targeted methyl panel and comparison with the Illumina HumanMethylation450 assay. **2021**, 14, 394 0
- 381 Effects of male and female personality on sexual cannibalism in the springbok mantis. **2021**, 182, 1-7 0
- 380 Regulation of individual differences in recruitment behaviour within honey bee foraging groups.
- 379 Individual- and population-level drivers of consistent foraging success across environments. 2
- 378 Active sensing with light improves predator detection in a diurnal fish.
- 377 Visual Observation to Identify Sexes in Subspecies of Adult Black Skimmers (*Rynchops niger*). **2018**, 41, 166-170 1
- 376 Individual Behavioral and Physiological Responses During Different Experimental Situations □ Consistency over Time and Effects of Context.
- 375 Distribution of iridescent colours in hummingbird communities results from the interplay between selection for camouflage and communication. 2
- 374 Collective aggressiveness limits colony persistence in high but not low elevation sites in Amazonian social spiders. 0
- 373 Timing of arrival in the breeding area is repeatable and affects reproductive success in a non-migratory population of blue tits.
- 372 An analysis of avian vocal performance at the note and song levels.
- 371 Predator-induced selection on urchin activity level depends on urchin body size.
- 370 Altitude and life-history shape the evolution of *Heliconius* wings.
- 369 Geographical origin determines responses to salinity of Mediterranean caddisflies.
- 368 Effects of trap confinement on personality measurements in two terrestrial rodents.

- 367 Independent evolution towards large body size in the distinctive Faroe Island mice.
- 366 Causes and consequences of facultative sea crossing in a soaring migrant. 0
- 365 Relationship between early body condition, energetic reserves and fitness in an iteroparous insect. 0
- 364 Selection and drift determine phenotypic stasis despite genetic divergence. 3
- 363 Ecology, phylogeny, and the evolution of developmental duration in birds.
- 362 Microclimate buffering and thermal tolerance across elevations in a tropical butterfly.
- 361 Early sexual dimorphism in the developing gut microbiome of northern elephant seals. 1
- 360 Seasonal variation of health in Asian elephants. **2020**, 8, coaa119 1
- 359 Transparency in butterflies and moths: structural diversity, optical properties and ecological relevance. 2
- 358 Integration of intra- and inter-sexual selection signaling.
- 357 A comparison of two methods for estimating measurement repeatability in morphometric studies.
- 356 Plasticity, repeatability, and phenotypic correlations of aerobic metabolic traits in a small estuarine fish. 0
- 355 Predatory behaviour as a personality trait in a wild fish population.
- 354 Sexual signaling and the persistence of alternative reproductive tactics: a test of game theoretic predictions.
- 353 Inter-annual stability and age-dependent changes in plasma testosterone levels in a longitudinally monitored free-living passerine bird.
- 352 Electronic Health Record Use in Swiss Nursing Homes and Its Association With Implicit Rationing of Nursing Care Documentation: Multicenter Cross-sectional Survey Study (Preprint).
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- 350 The longitudinal stability of fMRI activation during reward processing in adolescents and young adults.

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- 348 Cross-Context Responses to Novelty in Rural and Urban Small Mammals. **2021**, 9, 0
- 347 Deterring movement of an invasive fish: individual variation in Common Carp responses to acoustic and stroboscopic stimuli. 0
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- 345 Cooperative nest building in wild jackdaw pairs.
- 344 Genomics of altitude-associated wing shape in two tropical butterflies. 0
- 343 Remote, non-invasive photogrammetry for measuring physical traits in wildlife. **2021**, 313, 250-262 1
- 342 Individual variation in tolerance of human activity by urban dark-eyed juncos (*Junco hyemalis*).
- 341 In situ novel environment assay reveals acoustic exploration as a repeatable behavioral response in migratory bats.
- 340 A test for studying sociability of the common shrew, *Sorex araneus*. **2020**, 19, 105-111 1
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- 338 Going beyond conventional parameters to unveil sperm quality in fish: the use of fibre optic technology to assess mitochondrial respiratory performance. **2020**, 9,
- 337 Evolutionary and ecological processes influencing chemical defense variation in an aposematic and mimetic *Heliconius* butterfly. 1
- 336 Hydrogen sulfide exposure reduces thermal set point in zebrafish.
- 335 Personality traits change after an opportunity to mate.
- 334 State-behavior feedbacks suppress personality variation in boldness during foraging in sticklebacks.
- 333 Genomic heritability of song and condition in wild singing mice. 0
- 332 Relationship between personality and cognitive traits in domestic rabbits (*Oryctolagus cuniculus*).

- 331 Assessing short- and long-term variations in diversity, timing, and body condition of migratory frugivorous birds.
- 330 Low Repeatability of Aversive Learning in Zebrafish (*Danio rerio*).
- 329 Age related variation of health markers in Asian elephants. **2021**, 157, 111629 1
- 328 Age Ain't Nothing But a Number: factors other than age shape brown bear movement patterns. **2022**, 183, 61-67
- 327 Heritability of dispersal in a rapidly spreading invasive spider. **2022**, 183, 93-101 0
- 326 Genome-wide association study for lignocellulosic compounds and fermentable sugar in rice straw. **2021**, e20174 0
- 325 Inter-annual repeatability and age-dependent changes in plasma testosterone levels in a longitudinally monitored free-living passerine bird. **2021**, 1 0
- 324 Does genetic differentiation underlie behavioral divergence in response to migration barriers in sticklebacks? A common garden experiment. **2021**, 75, 1 1
- 323 Variation in Root System Architecture among the Founder Parents of Two 8-way MAGIC Wheat Populations for Selection in Breeding. **2021**, 11, 2452
- 322 Persistence is key: investigating innovative problem solving by Asian elephants using a novel multi-access box. **2021**, 1 2
- 321 Heterogeneity of performances in several inhibitory control tasks: male rhesus macaques are more easily distracted than females. **2021**, 8, 211564 1
- 320 Inter-individual differences of calling and exploratory behaviour in a lebinthine cricket species hint at different mate-finding strategies. **2021**, 1-27 0
- 319 Consistent variations in personality traits and their potential for genetic improvement of biocontrol agents: *Trichogramma evanescens* as a case study. 2
- 318 Individual Variation in Dietary Wariness Is Predicted by Head Color in a Specialist Feeder, the Gouldian Finch. **2021**, 9, 1
- 317 Mate Preference Plasticity in a Critically Endangered Frog: Implications for Conservation Breeding. **2021**, 2, 1
- 316 Little penguins are more aggressive on islands that experience greater unregulated human disturbance. **2021**, 182, 195-202
- 315 Seasonal variation in the phenology of Atlantic tarpon in the Florida Keys: migration, occupancy, repeatability, and management implications. 1
- 314 Host traits and lifetime fitness costs of being parasitized in red-breasted mergansers. **2021**, 6, 2155-2176

313	Flexibility in migratory strategy contrasts with reliance on restricted staging and overwintering grounds for Sabine's gulls from the Canadian High Arctic. <b>2021</b> , 8, 84-97	1
312	Chronic Background Radiation Correlates With Sperm Swimming Endurance in Bank Voles From Chernobyl. <b>2022</b> , 9,	
311	Female neophobia predicts the use of buildings as nesting sites in a Neotropical songbird. <b>2022</b> , 183, 151-157	0
310	Food-hoarding and nest-building propensities are associated in a cavity-nesting bird. <b>2022</b> , 76, 1	0
309	Total energy expenditure is repeatable in adults but not associated with short-term changes in body composition.. <b>2022</b> , 13, 99	0
308	Infection impairs problem-solving performance in American crows. <b>2022</b> , 184, 11-17	0
307	Environmental education policy of schools and socioeconomic background affect environmental attitudes and pro-environmental behavior of secondary school students. <b>2022</b> , 28, 169-196	3
306	Behavioural responses of threespine stickleback with lateral line asymmetries to experimental mechanosensory stimuli.. <b>2021</b> ,	1
305	Repeatability of alert and flight initiation distances in king penguins: Effects of colony, approach speed, and weather.	0
304	Individual variation in natural or manipulated corticosterone does not covary with circulating glucose in a wild bird.. <b>2022</b> ,	1
303	Repeatability of endocrine traits and dominance rank in female guinea pigs.. <b>2022</b> , 19, 4	
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