## Roger Pradel

## List of Publications by Year

 in descending orderSource: https:/|exaly.com/author-pdf/3681206/publications.pdf
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Utilization of Capture-Mark-Recapture for the Study of Recruitment and Population Growth Rate.
Biometrics, 1996, 52, 703.

Uâ€€ARE: Utilities for performing goodness of fit tests and manipulating CAptureâ€"REcapture data. Ecography, 2009, 32, 1071-1074.

Capture-Recapture Survival Models Taking Account of Transients. Biometrics, 1997, 53, 60.
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Multievent: An Extension of Multistate Capture-Recapture Models to Uncertain States. Biometrics, 2005, 61, 442-447.
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7 Program E-Surge: A Software Application for Fitting Multievent Models. , 2009, , 845-865. ..... 282

8 Chapter 3 Modeling Individual Animal Histories with Multistate Captureâ€"Recapture Models. Advances in Ecological Research, 2009, 41, 87-173.
11 A Proposal for a Goodness-of-Fit Test to the Arnason-Schwarz Multisite Capture-Recapture Model.
Biometrics, 2003, 59, 43-53.
$0.8 \quad 227$

| 19 | SEX- AND AGE-RELATED VARIATION IN SURVIVAL AND COST OF FIRST REPRODUCTION IN GREATER FLAMINGOS. Ecology, 2001, 82, 165-174. | 1.5 | 126 |
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| 20 | King penguin population threatened by Southern Ocean warming. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 2493-2497. | 3.3 | 123 |
| 21 | Competing events, mixtures of information and multistratum recapture models. Bird Study, 1999, 46, S39-S46. | 0.4 | 122 |
| 22 | Food availability and nest predation influence life history traits in Audouin's gull, Larus audouinii. Oecologia, 1999, 118, 438-445. | 0.9 | 111 |
| 23 | ASSESSING THE RELATIVE IMPORTANCE OF DIFFERENT SOURCES OF MORTALITY FROM RECOVERIES OF MARKED ANIMALS. Ecology, 2004, 85, 930-938. | 1.5 | 105 |
| 24 | Changes in adult annual survival rates in a western European population of the White Stork <i〉Ciconia ciconia</i〉. Ibis, 1990, 132, 27-35. | 1.0 | 104 |
| 25 | Importance of Accounting for Detection Heterogeneity When Estimating Abundance: the Case of French Wolves. Conservation Biology, 2010, 24, 621-626. | 2.4 | 104 |
| 26 | Trade-off between current reproductive effort and delay to next reproduction in the leatherback sea turtle. Oecologia, 2005, 145, 564-574. | 0.9 | 102 |
| 27 | SEASONAL SURVIVAL OF GREATER SNOW GEESE AND EFFECT OF HUNTING UNDER DEPENDENCE IN SIGHTING PROBABILITY. Ecology, 2001, 82, 3105-3119. | 1.5 | 100 |
| 28 | The Risk of Flawed Inference in Evolutionary Studies When Detectability Is Less than One. American Naturalist, 2008, 172, 441-448. | 1.0 | 93 |
| 29 | Demographic variation and population viability in a threatened Himalayan medicinal and aromatic herb <i>Nardostachys grandiflora</i>: matrix modelling of harvesting effects in two contrasting habitats. Journal of Applied Ecology, 2008, 45, 41-51. | 1.9 | 84 |
| 30 | Re-Evaluation of Adult Survival of Black-Headed Gulls (Larus ridibundus) in Presence of Recapture Heterogeneity. Auk, 1998, 115, 85-95. | 0.7 | 83 |
| 31 | Assessment of hypotheses about dispersal in a long-lived seabird using multistate capture-recapture models. Journal of Animal Ecology, 2004, 73, 723-736. | 1.3 | 81 |

Modelling postfledging survival and age-specific breeding probabilities in species with delayed 38 maturity: A case study of Roseate Terns at Falkner Island, Connecticut. Journal of Applied Statistics
2002, 29, 385-405.

$39 \quad$| To leave or not to leave: survival tradeâ€offs between different migratory strategies in the greater |
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| flamingo. Journal of Animal Ecology, 2012, 81, 1171-1182. |


$40 \quad$| From local monitoring to a broadâ€scale viability assessment: a case study for the Bonelli's Eagle in |
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| western Europe. Ecological Monographs, 2013, 83, 239-261. |

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42 Determinants of local recruitment in a growing colony of Audouin's gull. Journal of Animal Ecology, 2000, 69, 119-132.
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43 Nest boxes: A successful management tool for the conservation of an endangered seabird. Biological
Conservation, 2012, 155, 39-43.
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44 Capture-recapture models with heterogeneity to study survival senescence in the wild. Oikos, 2010, 119, 524-532.
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45 Local Recruitment in the Greater Flamingo: A New Approach Using Capture- Mark-Recapture Data.
Ecology, 1997, 78, 1431. structured seabird population. Ecography, 2013, 36, 1117-1126.
Individual Turnover among Wintering Teal in Camargue: A Mark-Recapture Study. Journal of Wildlife
Management, 1997, 61, 816.
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THE COST OF REPRODUCTION AND EXPERIENCEâ€ĐEPENDENT VITAL RATES IN A SMALL PETREL. Ecology, 2008, ..... 1.5 ..... 60
89, 3195-3203.
$1.9 \quad 59$Is the reintroduced white stork (Ciconia ciconia) population in Switzerland self-sustainable?.1.959Biological Conservation, 2004, 119, 105-114.Population dynamics in a longâ€lived seabird: I. Impact of breeding activity on survival and breedingprobability in unbanded king penguins. Journal of Animal Ecology, 2007, 76, 1149-1160.
Is heterogeneity of catchability in captureâ€"recapture studies a mere sampling artifact or a ..... 0.7 ..... 59
biologically relevant feature of the population?. Population Ecology, 2008, 50, 247-256.1.3591.156
Modeling Trap-Awareness and Related Phenomena in Capture-Recapture Studies. PLoS ONE, 2012, 7,
AGE AND ENVIRONMENTAL CONDITIONS AFFECT RECRUITMENT IN GREATER SNOW GEESE. Ecology, 2003, 84, 219-230.


Evidence of reduced individual heterogeneity in adult survival of long-lived species. Evolution;
International Journal of Organic Evolution, 2016, 70, 2909-2914.

Recruitment of Audouin's gull to the Ebro Delta colony at metapopulation level in the western Mediterranean. Marine Ecology - Progress Series, 1999, 180, 267-273.

Determinants of Territorial Recruitment in Bonelli's Eagle (<i>Aquila fasciata</i>) Populations. Auk, 2010, 127, 173-184.

EFFECTS OF NECK BANDS ON REPRODUCTION AND SURVIVAL OF FEMALE GREATER SNOW GEESE. Journal of Wildlife Management, 2005, 69, 91-100.

To breed or not: a novel approach to estimate breeding propensity and potential trade-offs in an Arctic-nesting species. Ecology, 2014, 95, 2745-2756.

Now you see him, now you don't: experience, not age, is related to reproduction in kittiwakes.
Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 3060-3066.
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Impact of disease on the survival of three commercially fished species. Ecological Applications, 2017,
27, 2116-2127.

Transient animals in a resident population of snow geese: Local emigration or heterogeneity?. Journal of Applied Statistics, 1995, 22, 695-710.

Temporal variation in annual survival probability of the Eurasian woodcock <i>Scolopax
rusticola</i> wintering in France. Wildlife Biology, 2002, 8, 21-30.

Sex-biased survival and breeding dispersal probability in a patchy population of the Rock Sparrow
Petronia petronia. Ibis, 2002, 144, E79-E87.

Climateâ€driven vital rates do not always mean climateâ€driven population. Global Change Biology, 2016,
22, 3960-3966.

Sexâ€specific effects of fisheries and climate on the demography of sexually dimorphic seabirds. Journal of Animal Ecology, 2019, 88, 1366-1378.

Assessing survival in a multi-population system: a case study on bat populations. Oecologia, 2011, 165,
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Carryâ€over effects of spring hunt and climate on recruitment to the natal colony in a migratory species. Journal of Applied Ecology, 2012, 49, 1237-1246.
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A Captureâ€"Recapture Model withÂDouble-Marking, Live and Dead Encounters, and Heterogeneity of
Statistics, 2011, 16, 88-104.

Estimation of sexâ€specific survival with uncertainty in sex assessment. Canadian Journal of Statistics,
2008, 36, 29-42.
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Animal Ecology, 2019, 88, 746-756.

| 91 | Estimating clutch frequency in the sea turtle Dermochelys coriacea using stopover duration. Marine Ecology - Progress Series, 2006, 317, 285-295. | 0.9 | 27 |
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| 92 | Joint modelling of breeding and survival in the kittiwake using frailty models. Ecological Modelling, 2005, 181, 203-213. | 1.2 | 26 |
| 93 | Range of the Greater Flamingo, Phoenicopterus roseus, metapopulation in the Mediterranean: new insights from Turkey. Journal of Ornithology, 2007, 148, 347-355. | 0.5 | 26 |
| 94 | Sex-specific roost movements and population dynamics of the vulnerable long-fingered bat, Myotis capaccinii. Biological Conservation, 2009, 142, 280-289. | 1.9 | 26 |
| 95 | A multievent approach to estimating pair fidelity and heterogeneity in state transitions. Ecology and Evolution, 2013, 3, 4326-4338. | 0.8 | 26 |
| 96 | Sexual display complexity varies non-linearly with age and predicts breeding status in greater flamingos. Scientific Reports, 2016, 6, 36242. | 1.6 | 26 |
| 97 | Exploiting uncertain ecological fieldwork data with multiâ€event captureâ€"recapture modelling: an example with bird sex assignment. Journal of Animal Ecology, 2012, 81, 970-977. | 1.3 | 25 |
| 98 | Local Survival, Natal Dispersal, and Recruitment in Little Egrets Egretta garzetta. Journal of Avian Biology, 1998, 29, 216. | 0.6 | 24 |
| 99 | A general framework for modeling memory in captureâ $€$ "Recapture data. Journal of Agricultural, Biological, and Environmental Statistics, 2009, 14, 338-355. | 0.7 | 24 |
| 100 | Effects of age, territoriality and breeding on survival of Bonelliâ $\mathrm{T}^{\mathrm{TM}}$ s Eagle <i>Aquila fasciata</i>. Ibis, 2011, 153, 846-857. | 1.0 | 24 |

101 Captureâ€"recapture population growth rate as a robust tool against detection heterogeneity for population management. , 2011, 21, 2898-2907. ..... 24102 Estimation of Sex- and Age-Related Survival Rates in a Microtine Population. Journal of Wildlife0.7Management, 1993, 57, 158.23
103 Efficient profile-likelihood confidence intervals for capture-recapture models. Journal of0.723Agricultural, Biological, and Environmental Statistics, 2005, 10, 184-196.Temporal variation of juvenile survival in a long-lived species: the role of parasites and body0.923condition. Oecologia, 2013, 173, 151-160.Hidden survival heterogeneity of three Common eider populations in response to climate1.323105 Hidden survival heterogeneity of three Common eider popuQuick methods for evaluating survival of ageâ€characterizable longâ€lived territorial birds. Journal of
Hierarchical modelling of population growth rate from individual captureấ $\epsilon^{\text {"r }}$ recapture data. Methods
in Ecology and Evolution, 2014, 5, 606-614.

| 113 | A multi-event capture-recapture analysis of Toxoplasma gondii seroconversion dynamics in farm cats. Parasites and Vectors, 2018, 11, 339. | 1.0 | 20 |
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| 114 | Estimating Population Growth Rate From Captureấ"Recapture Data in Presence of ÂCaptureÂHeterogeneity. Journal of Agricultural, Biological, and Environmental Statistics, 2010, 15, 248-258. | 0.7 | 19 |
| 115 | Inferring seed bank from hidden <scp>M<\|scp>arkov models: new insights into metapopulation dynamics in plants. Journal of Ecology, 2013, 101, 1572-1580. | 1.9 | 19 |

116 Transience effect in capture-recapture studies: The importance of its biological meaning. PLoS ONE,2019, 14, e0222241.
117 Individual heterogeneity in lifeâ€history tradeâ€offs with age at first reproduction in capital breeding

Stabilizing natural selection on the early expression of a secondary sexual trait in a passerine bird.
119 MIGRATING BIRDS STOP OVER LONGER THAN USUALLY THOUGHT: REPLY. Ecology, 2005, 86, 3418-3419. 1.5 ..... 16
120 Assessment of individual and conspecific reproductive success as determinants of breeding dispersalof female tree swallows: A captureấ $€$ "recapture approach. Ecology and Evolution, 2017, 7, 7334-7346.
$\square$Estimating demographic parameters from captureâ $\in^{\text {"c }}$ recapture data with dependence among individuals$2.2 \quad 15$within clusters. Methods in Ecology and Evolution, 2013, 4, 474-482.Hatching date influences age at first reproduction in the black-headed gull. Oecologia, 2001, 127, 62-68.
Capture $\hat{A}$-recapture estimates of space used in streams (CRESUS) at the population scale: case study on
123 Zingel asper (percid), a threatened species of the RhÃ'ne catchment. Canadian Journal of Fisheries and 0.7 ..... 14
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Dermal mycobacteriosis and warming sea surface temperatures are associated with elevated mortality of striped bass in Chesapeake Bay. Ecology and Evolution, 2018, 8, 9384-9397.
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Evidence for birth-site tenacity in breeding Common Black-headed Gulls, Larus ridibundus. Canadian
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129 Transience in the humpback whale population of New Caledonia and implications for abundance
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Estimating dispersal in spatiotemporally variable environments using multievent captureâ€"recapture modeling. Ecology, 2018, 99, 1150-1163.

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131 | Consequences of past and present harvest management in a declining flyway population of common |
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| eiders Somateria mollissima. Ecology and Evolution, 2019, 9, 12515-12530. |

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Does your species have memory? Analyzing captureâ€"recapture data with memory models. Ecology and Evolution, 2014, 4, 2124-2133.
Individual turnover in common pochards wintering in western France. Journal of Wildlife
140 Movement Patterns in a Partial Migrant: A Multi-Event Capture-Recapture Approach. PLoS ONE, 2014, 9,
145 Testing hypotheses and estimating survival from capture histories with CR. Journal of Applied

Adult survival selection in relation to multilocus heterozygosity and body size in a tropical bird species, the Zenaida dove, Zenaida aurita. Oecologia, 2016, 180, 127-136.

Demographic heterogeneity among individuals can explain the discrepancy between captureâ€"markâ€"recapture and waterfowl count results. Condor, 2014, 116, 293-302.

Absence of difference in survival between two distant breeding sites of greater snow geese. Journal of Wildlife Management, 2015, 79, 570-578.

Inter-annual variability in flowering of orchids: lessons learned from 8 years of monitoring in a Mediterranean region of France. European Journal of Environmental Sciences, 2013, 3, 129-137.
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SEX- AND AGE-RELATED VARIATION IN SURVIVAL AND COST OF FIRST REPRODUCTION IN GREATER FLAMINGOS. , 2001, 82, 165.

Variations in band reporting rate and implications for kill rate in Greater Snow Geese. Avian
Conservation and Ecology, 2014, 9, .

Potential contributions of captureâ€"recapture to the estimation of population growth rate in restoration projects. Ecoscience, 2007, 14, 432-439.

When to depart from a stopover site? Time since arrival matters more than current weather conditions. Auk, 2022, 139, .

Modeling the demography of species providing extended parental care: A captureâ€"recapture
154 multievent model with a case study on polar bears (<i>Ursus maritimus</i>). Ecology and Evolution, 2021, 11, 3380-3392.

155 Using temporary emigration to inform movement behaviour of caveâ€dwelling invertebrates: a case study of a cave harvestman species. Ecological Entomology, 2018, 43, 551-559.

Testing determinants of the annual individual fitness: An overall mean mixture model for deâ€lifing data. Methods in Ecology and Evolution, 2018, 9, 668-680.

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Efficient spatial multiâ€state captureâ€ secapture model to study natal dispersal. An application to the Alpine marmot. Journal of Animal Ecology, 2021, , .

Assessing heterogeneity in transition propensity in multistate captureâ€"recapture data. Journal of the Royal Statistical Society Series C: Applied Statistics, 2020, 69, 413-427.

Is Adult Survival of the Blue Tit Higher in a Low Fecundity Insular Population than in a High Fecundity Mainland One?., 1990, , 131-143.

High longâ€term survival and asymmetric movements in a reintroduced metapopulation of Cinereous vultures. Ecosphere, 2022, 13, .
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Reply to Barbraud <i>et al.<|i>: King penguin population threatened by Southern Ocean warming.
Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, .

A Test for the Underlying State-Structure of Hidden Markov Models: Partially Observed

