

Species	Research affiliation	Research purpose	Discussion start	Considered management	Permit required	Permit number	Rationale for management or permits
Takahē	Conservation Planning Specialist Group	Takahē population modelling	2014	Yes	No	N/A	Desk-based; Takahē Recovery Programme initiated & led
Kākāpō	Manaaki Whenua	Ancient vs modern kākāpō diet	2014	No	Yes	53766-RES	Faecal sampling permit for collecting coprolites in Takahē valley
Kākāpō	University of Otago	Kākāpō acoustics	2015	No	No	N/A	Did not require materials - just existing recordings
Kākāpō	Massey University	Habitat suitability of Maungatautari for kākāpō	2015	Yes	No	N/A	No collection of materials required
Kākāpō	University of Sydney	Bill trait variation in kākāpō	2015	No	No	N/A	Measurement of overseas museum samples
Kākāpō	University of Otago	DNA preparation for Kākāpō 125 genomic project	2015	Yes	No	N/A	Part of Kākāpō125+, which was Kākāpō Recovery Programme-initiated & led
Kākāpō	Auckland Zoo	Vitamin D in kākāpō	2015	Yes	No	N/A	Kākāpō Recovery Programme initiated and led project
Takahē	University of Otago	Mana chick mortality, transmitters on chicks	2015	Yes	No	N/A	Takahē Recovery Programme-initiated & led project. XX provided fieldwork and analysis support
Takahē	Massey University	Takahē coccidia	2015	Yes	No	N/A	Management driven and under supervision of team
Takahē	University of Otago	Framework for Takahē Reintroduction Sites	2015	Yes	No	53842-FLO	Permit issued for tussock sampling for 3 sites
Takahē	University of Otago	Takahē genome & transcriptome sequencing	2015	No	Yes	48572-DOA	Not Takahē Recovery Programme-initiated project
Kākāpō	Various	Kākāpō 125 data analysis	2016	Yes	No	N/A	Desk-based. Data access through Kākāpō125+ data access policy

Kākāpō	Victoria University of Wellington	Breeding triggers, plant materials only	2016	No	Yes	Not advised or submitted	Supervised by Kākāpō/Takahē team member. Vegetation sampling was conducted by the kākāpō team, however this project was not considered as initiated or led by the team. Permitting was overlooked following busy breeding season (Sept 2016), however this was low risk plant sampling.
Kākāpō	University of Otago	Genomic and epigenetic approach to kākāpō management	2016	No	Yes	OT-25557-DOA	Conducted under XXX's general permit.
Kākāpō	University of Auckland	Microbiome for cloacitis	2017	Yes	No	N/A	Kākāpō Recovery Programme initiated projects for urgent cloacitis research/management
Takahē	University of Otago	eDNA for remnant kākāpō populations	2017	Yes	No	N/A	Kākāpō Recovery Programme initiated & led project
Takahē	University of Auckland	takahē microbiome/biogeography	2017	No	Yes	Not advised or submitted	Faecal samples collected and provided by the team. Samples low risk non-bird handling, began 2017
Kākāpō	Massey University	Erysipelas and cloacitis	2017	No	Yes	62285-FAU	Cloacitis part led by DOC; erysipelas required permit
Takahē	University of Otago	Spatially explicit modelling of takahē reintroduction (PhD project)	2018	Yes	No	N/A	Takahē Recovery Programme initiated. GPS tags deployed as part of existing management approach
Kākāpō	Justus-Liebig-Universität Giessen	Sperm morphology by German AI team	2018	Yes	No	N/A + CITES EXEMPTION 2044	Kākāpō Recovery Programme initiated and led project
Kākāpō	University of Otago	Genomics of hatching failure	2018	No	Yes	82517-RES	Not Kākāpō Recovery Programme-initiated project
Kākāpō	University of Otago	Mitochondrial DNA research on ancient vs modern takahē samples	2018	No	Yes	?	Ancient DNA museum samples compared with modern samples, Dec 2018. Advised to apply for a permit
Kākāpō	University of Otago/Queensland	Genome annotation	2019	Yes	No	N/A + CITES 18NZ000183 + DOC Export	Part of Kākāpō125+, which was Kākāpō Recovery Programme-initiated & led
Kākāpō	University of Sheffield	Egg fertility	2019	Yes	No	N/A + CITES EXEMPTION 2421 + DOC Export	Kākāpō Recovery Programme initiated project
Kākāpō	AUT	Aspergillus abundance	2019	Yes	No	N/A	Kākāpō Recovery Programme joint partner & sampling part of DOC disease response plan already established

Takahē	Manaaki Whenua	Takahē faecal and eDNA	2019	Yes	No	N/A	Takahē Recovery Programme-initiated & led project. XXX provided expertise
Takahē	Monash University	Conservation Decision Triggers	2019	No	No	N/A	Desk-based
Kākāpō	Manchester University	Spatial monitoring of juvenile kākāpō	2019	Yes	No	N/A	Kākāpō Recovery Programme initiated & led: GPS monitoring ongoing DOC-project
Kākāpō	Victoria University of Wellington	Kākāpō breeding triggers; plant samples	2019	No	Yes	Application not yet submitted	Proposal. Informed that permit will be required if working with kākāpō samples
Takahē	University of Otago	Takahē genome sequencing	2019	No	Yes	79921-DOA; 79931(a)-DOA	Not Takahē Recovery Programme-initiated project
Kākāpō	University of Canterbury	Cell lines and Z chromosome inversion	2019	No	Yes	78676-FAU	Not Kākāpō Recovery Programme-initiated project. Project impacted significantly by permit delay - unable to collect samples when required
Kākāpō	University of Auckland	Infectome	2019	No	Yes	Pending - in process	Proposal. Not Kākāpō Recovery Programme-initiated project
Kākāpō	Landcare Research	Ancient vs modern microbiome	2019	No	Yes	Application not yet submitted	Kākāpō Recovery Programme key partner, but not Kākāpō Recovery Programme-initiated. Proposal stage, not funded but advised a permit required
Kākāpō	University of Auckland	Biocontrol of aspergillus	2020	No	No	Application not yet submitted	Working on fungi cultured from lab samples and not collected on conservation land