Loan Program Agreement

Titley Scientific is proud to support student, volunteer and community bat research. If your application is successful, you are required to undertake the following:

Non-commercial use only

The project must be non-commercial in nature and not be undertaken for profit. The outcomes of the project must not be used for the purposes of financial gain.

Equipment

Equipment (detectors) is supplied in suitable working order. If the equipment is damaged during shipping, you are required to notify us within 48 hours of arrival. Equipment must be used in accordance with the weatherproofing considerations outlined in the relevant user manual. We accept a reasonable level of wear-and-tear may occur under field conditions, but where possible, all precautions to protect equipment during transportation and deployment must be undertaken. Equipment must be returned in working order.

Technical issues

If you have any technical issues with the equipment during the loan period, please contact info@titley-scientific.com or within Australia call (07) 3205 8450. Technical issues with Anabat Insight software can be directed to insight@titley-scientific.com

Return

Return shipping/postage is your responsibility. Equipment must be posted before the loan end date. You must return your equipment to the following address (unless otherwise agreed):

Titley Scientific
Unit 4/255 Leitchs Road
Brendale, QLD, 4500
Australia

Supply of marketing material

As a fundamental part of the loan, you are **required** to supply the following to Titley Scientific for marketing purposes (see examples on page 4-5):

- A 400-word summary of the project findings;
- At least six (6) photos from the project, including at least two (2) photos of the equipment in use and one (1) celebratory image of you with the equipment **when you receive it**. All of which should be suitable for social media;
- Completed product review form;
- To take part in our "Spotlight On" feature on social media; and
- To take part in our Microbat Monday feature on social media.

Acknowledgement

Titley Scientific must be acknowledged in any report, publication or presentation. If equipment is being used/shown/discussed in social media posts (Facebook, Instagram, Twitter), please use the relevant hashtags:

#anabatwalkabout	#anabatinsight	#anabatscout
#anabatswift	#titleyscientific	
#anabatexpress	#titleyscientificloanprogram	

Updates

Titley Scientific is to be updated every two months throughout the duration of the project starting from the date of receiving the equipment. Updates are to include:

- Project progress;
- Relevant marketing images (see supply of marketing material); and
- Proof of hashtag use.

Non-compliance

If you are non-compliant with any part of this agreement, you are **liable for the full purchase price** (listed on our website) for the equipment loaned.

Other issues

If you have any other issues regarding your loan, please email info@titley-scientific.com.

☐ I have read, understood, and agree to Titley Scientific's loan program agreement.

Signature	Date

Please submit this signed agreement and your application form to info@titley-scientific.com

Example Marketing Material

All photos should be suitable for social media.

Photo of you with the detector when it arrives

Photos of the equipment in use.

Sample Findings Example 1.

The Central Tablelands Landcare Group was given the opportunity to participate in a microbat survey in April 2020 as part of the revegetation project Planned Woodland Pathways, funded by the NSW Environmental Trust. They organised an event to demonstrate how bats are detected, and hopefully build up knowledge of what species live around farmland in the Central Tablelands. The group received two Anabat detectors from Titley Scientific, an Anabat Swift and Anabat Scout, as part of the loan program. Unfortunately, the outbreak of COVID 19 meant that necessary restrictions prevented the community event from happening. However, they proceeded with a passive microbat survey. Over 5000 calls were detected on the Anabat Swift Passive Detector over nine nights of survey. Twelve different species were recorded, including three vulnerable species listed on the NSW Biodiversity Conservation Act were detected! One their favourite species was the white striped bat (*Austronomus australis*), a common species through Australia and has a very low frequency call that can be easily identified! If you're lucky and have good hearing, you might be able to pick them up in the field yourself!

Sample Findings Example 2.

Naomi surveyed the foreshore of two beaches in South Devon, both at the foot of wooded coastal cliffs. Sixteen of the eighteen British bat species are present in South Devon. The project had two aims: to discover which species are present on the foreshore, and if bat activity on the foreshore is correlated with tide state. She secured the detectors on the foreshores and left them to record for 30 continuous nights in July and August. Altogether 6,083 bat passes were recorded from at least nine species from six genera: *P. pipistrellus* (88.6% of passes), *P. pygmaeus* (<0.1%), *Nyctalus* spp. (5.3%), *Eptesicus serotinus* (1.6%), *Myotis* spp. (1.5%), *Rhinolophus ferrumequinum* (0.6%), *R. hipposideros* (0.7%), *Plecotus auritus* (0.8%) with a few additional calls (<0.1%) either *Plectous auritus* or *Plecotus austriacus*.

There was enough *P. pipistrellus* activity to test if their activity was significantly correlated with tide state, and it was: negatively correlated with tide height (so the greater the amount of foreshore was exposed, the more activity was recorded). This variable has never been tested before, so this is a really interesting finding.