

Biocultural Restoration
In dedication to [Skywoman Falling](#)
As restoriated by Robin Wall Kimmerer

The following proof of concept is proposed as a founding methodology for a cooperative research hub dedicated to Biocultural Restoration. Uniquely Australian Foods an Australia Research Council funded institution operating under the auspices of the University of Queensland is playing a central role in convening the First Nations Native Bush Food enterprises in Australia. In their work they have recognised the fundamental need to establish improved market access for Australian Aboriginal Bush Food enterprises.

We would like to pursue 2 general lines of research inquiry:

1. Will creating a Biocultural Restoration digital platform facilitate improved market access for Australian Aboriginal Bush Food enterprises.
2. Will it enable them to effectively value and fund their biocultural services, visa v people in the market, and thereby create additional value streams for their Biocultural enterprises.

The proposal would involve exploring the development of this digital platform as an open source, decentralized autonomous organisation providing fertile ground for both New Economic/Fintech and New Governance field research. Due to our familiarity and involvement with the Stellar open and inclusive financial network, the proposal would also seek to partner with the [Stellar Development Foundation and their initiative to accelerate Blockchain education](#).

Three founding pillars have been proposed:

1. Transparency & Openness
2. Intimacy & Inclusion
3. Autonomy & Decentralisation

It is envisioned that the governance of the platform would reflect the principles of keystone Indigenous cultures. A general line of inquiry would involve exploring how an alignment could be achieved between those principles and the principles of the [Stellar Consensus Protocol](#) that is at the heart of the network. In the sense that it would be reputational and relationally based rather than capital based and would provide for flexible trust as a mechanism to manage reputation in a secure and truly decentralised way.

The aspiration is that if the Hypotheses prove correct, that the platform could become ubiquitous as a means for everyone (after all we were all immigrants at some stage including Sky Woman) to participate in the process of Biocultural Restoration.

Proof of Concept (PoC)

- 1) [Twin Lakes Cultural Park](#) is going to make a video using drone footage of their mosaic burning caring for country. Twin Lakes Cultural Park retains ownership and all rights to the footage. The video file will be stored in an online database, where twin lakes if they choose in the future can remove it.
- 2) They are going to mint 400 Twin Lakes Cultural Park 2021 mosaic burning NFT's (non-fungible tokens) which will utilize a piece of Nyul Nyul mosaic burning artwork as the thumbnail jpeg.
- 3) The value of these NFT's would be AUD\$10.00.
- 4) We would then print 200 QR codes that would, when scanned, prompt the user to download a digital wallet that contain the NFT. Using the NFT they would be able to access the original mosaic burning video on their device.
- 5) The QR codes would be applied to the underside of the lids of the following jars:
 - a. 200 Nyul Nyul Gubinge jars.
- 6) These 200 jars would be sold (for the recommended retail price of the jar \$30 + \$10 for the NFT) using a simple website that explains the Proof of Concept / Experiment and allows people to purchase the jars via an ecommerce plug in with credit cards.
- 7) Loving Earth would also acquire 1 NFT for each jar sold for \$10 so there would be effectively 2 NFT's associated with each jar. The total amount of money raised would be \$4,000.
- 8) The AUD\$4000 raised from the sale of the NFT's would then go to Twin Lakes Cultural Park to fund continued mosaic burning. The goal would be to develop further iterations of the platform such that [Twin Lakes Cultural Park](#) could document how they spend the money using a concept of "Open Books" on the platform. Developers could develop different ways to query the "Open Books" data to facilitate effective reputation management. Then whenever Twin Lakes Cultural Park needs to raise more funds for additional activities they could simply mint more Biocultural Restoration NFT's.
- 9) We would request that the people who acquired the NFT's fill in a questionnaire which we could use to assess the success of the experiment and how they think it could be enhanced to achieve widespread adoption.