

**PALZOCCOIN**

**WHITEPAPER**



# Introduction

Paleontology is a scientific discipline that studies ancient life. Paleontologists study dinosaurs, prehistoric plants, and even microbes. Fossil localities that paleontologists discover reveal how organisms have changed over time and how earth existed, millions of years ago. The ancient clues paleontologists find from our past can provide insight and knowledge about life today and into the future. Paleontology is important because scientists can learn about how ancient life lived, changed, and thrived under certain conditions millions of years ago and how that compares to Earth's conditions and climate today.

Paleontology can be studied by professional scientists and hobbyists. There are some differences between a professional scientist that studies paleontology and a hobbyist. Typically, professional paleontologists have credentials (Ph.D., Master's, scholarly articles in their name) due to their dedication and studying at a higher-level institution or university. Professionals work hard to hypothesize, analyze, and make conclusions about the paleontological world. Hobbyists could be new to the idea of paleontology and have very little background information about the field, such as fossil identifications, locality information, etc. Some hobbyists are active in the paleontological community and volunteer with professionals on fossil digs, donate found specimens and collect fossils in their spare time.





# XRPL

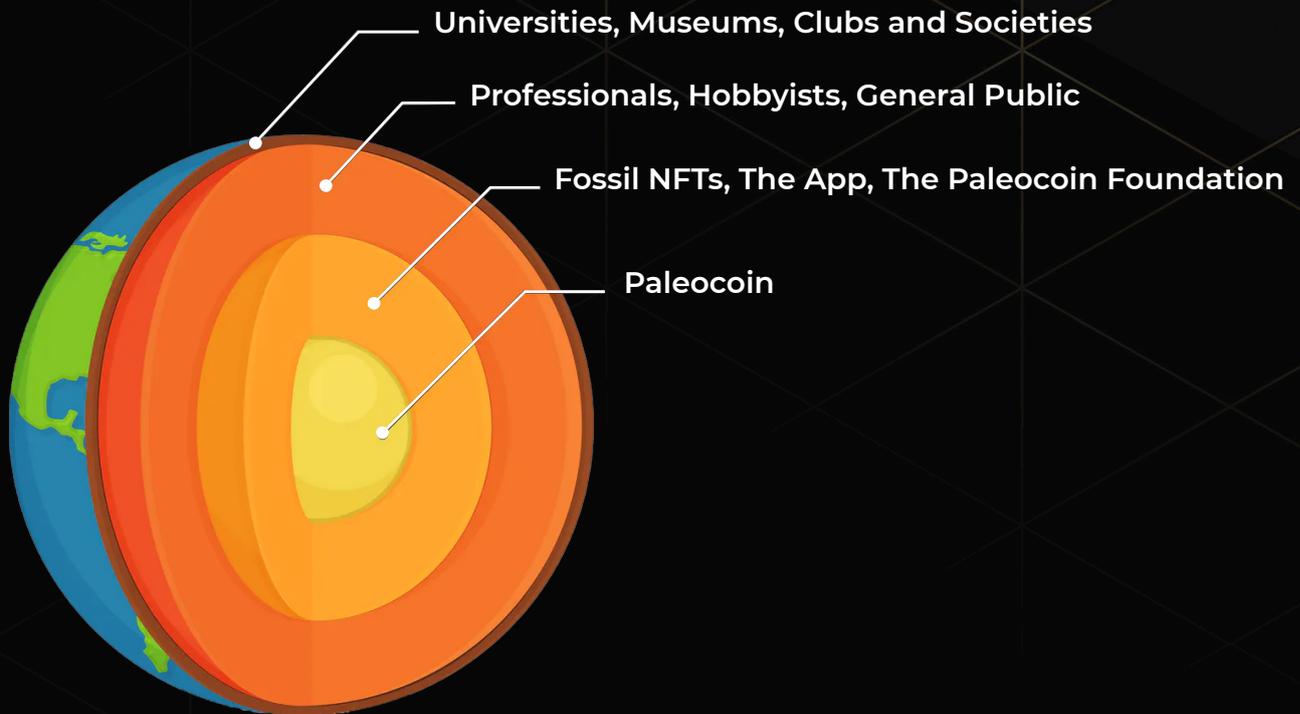
The XRP Ledger (XRPL) is a scalable, sustainable, decentralized public Blockchain. The network is fast, energy efficient, and reliable. With its streamlined development, cheap transaction costs, and a vibrant community that is educated, it provides developers a strong open-source foundation to build and develop any type of projects without hurting the environment. To add, the network is soon to release Smart contract capabilities, XRPL NFTs on Mintable will be coming soon. The network is reliable, efficient, and ever so growing with 8 plus years of consistent performance, and over 63 million ledgers.

Unlike other chains, the XRPL network can process 1500 transactions per second with an average ledger settlement approval time of 3-5 seconds. This is game changing. For comparison, the Bitcoin blockchain can currently process around 4.6 transactions per second. Ethereum can process around 30 transactions per second. Furthermore, at a fraction of a penny per transaction, costs to publish transactions to the block chain are inexpensive enough to enable a wide variety of use cases for developers.





# Paleocoin Ecosystem

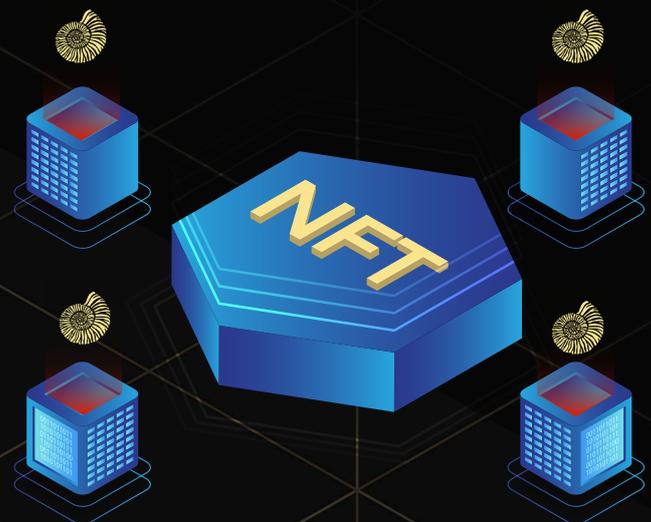


We seek to create an ecosystem where we include each audience of the current paleontology landscape. Amongst the audiences, professionals are paleontologists, researchers, from institutions such as museums and universities, hobbyists are people who actively hunt fossils, study them, and keep abreast of the latest ongoing research, and the general public who are interested in being part of the paleontology community. By using blockchain and other technologies, we will introduce a more streamlined way of doing things as well as increased interconnectivity within these audiences so as to achieve greater advancement and exposure to the scientific field of Paleontology while rewarding investors and HODLers of Paleocoin.



We have identified that within the Paleontology landscape, there is currently a lack of efficiency when it comes to knowledge sharing and the top concern of getting funding either for research or to choose Paleontology as a field of study due to lack of career prospects. Thus, we want to use technology to bring Paleontology to the next phase of evolution by digitalizing certain components of how things are done and also introducing a new perspective of monetization so that they are not limited by financial boundaries, which in turn will benefit investors of Paleocoin.

First, we will be creating NFTs of fossil specimens. This will allow every audience within the Paleontology landscape to participate and come together regardless of boundaries. From hobbyist and private collectors, to professional paleontologists, to institutions like universities and museums. It can also attract more people that are foreign to paleontology to take an interest and participate in the conversation and trading/owning of the fossil NFTs. With the creation of the fossil NFTs, we will also come up with an NFT marketplace that is mainly focused on the trading of fossil NFTs. Profits from the NFT marketplace and sale of Paleocoin verified NFTs will go back to increasing the value of Paleocoin tokens via a buy and burn program.





Next, we will be creating 'The App' which is an application that serves as a conduit between professionals, hobbyists and the general public. All of them can interact and gain value from each other on the app. We will have specific features that cater to hobbyists such as live data and information of fossil dig sites so that they can plan their fossil hunting trips. We will also have a feature that can help with their fossil identifications. Professionals on the app will provide the necessary knowledge and subject matter expertise and they can also glean insights from the data that the hobbyist input into the app. Hobbyist data entries could potentially help them with their research and keep the scientific community up to date with newly discovered scientifically important specimens. Professors could also use the app as part of a classroom resource for information. Furthermore, we will partner with publishers of scientific journals to make the latest scientific literature accessible to anyone who uses the app. In order to activate all the utilities on the app, users would need to hold Paleocoin tokens and there will be different tiers to this.

Finally, we will allocate a small portion of our proceeds to create The Paleocoin Foundation, where we will fund scholarships and research grants either in cash, XRP, or Paleocoin tokens. This is to ensure the long-term growth of Paleontology as a whole and to make sure we give back to the community as we grow the value of Paleocoin for our investors.



# NFT

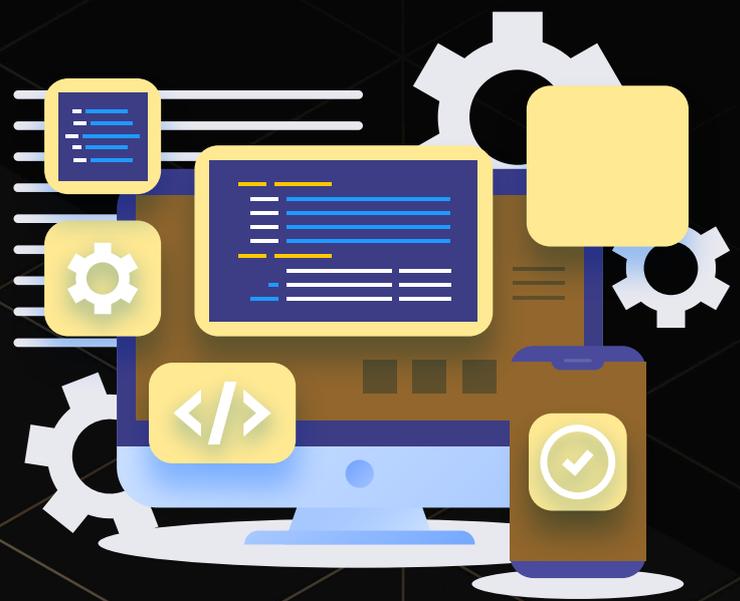
In order to bring Paleontology into a new digital era, we will be using NFT as a way of digitalizing fossils. Traditionally, hobbyists, private collectors, and institutions, have their own collection of fossils where information about the fossils in their collections are rarely shared outside of their own circle, due to logistical difficulties. By creating fossil NFTs, not only can they have a digital proof of ownership on the blockchain, it also makes it easy to showcase their collection and trade it all over the world if they want to. Different parts of the world have deposits of different fossil specimens from different geologic ages. For example: it is common to find Ammonites in some parts of Indonesia, but none can be found in a naturally formed geologic formation in Florida, USA, at all. With fossil NFTs, they can now trade and own all kinds of specimens to expand their collection. For those that are interested in starting a fossil collection, but have no means of hunting for them, this can also be a good way for them to be part of the Paleontology community by buying fossil NFTs from collectors based in different countries.

There will be 2 parts to our NFT plan, first is to curate and release the first line of Paleocoin Fossil NFTs, where we will collaborate with private collectors, institutions and Paleontology clubs to come up with 100 magnificent 3D fossil NFTs. Each NFT will be verified and come along with detailed locality information, a description of the type of fossil including its age, and the original owner.



All of these will be 1/1 and sold on existing NFT marketplace e.g. Mintable. Proceeds from the sales will be split between the owner of the original fossil, buying back Paleocoin tokens from the market and burning them, and a small portion to The Paleocoin Foundation (for Scholarships and Research Grants). We will assess and continue to produce more if there is demand for this.

Second part is to create a fossil NFT marketplace combined with a 3D scanner app using Depth Sensor camera technology, so that users can use their phones to easily create 3D scans of their fossils and mint them for sale on the marketplace. This is to allow the paleontology community to really showcase their personal collection and a chance for people to browse thousands and thousands of fossils and start their own fossil NFT collection as well. In order to mint the fossil NFT, users will need to use Paleocoin tokens as minting fees. Trades will be using XRP as currency to buy and sell, 10% fees per trade will be collected and proceeds from fees collected will be used to buy back Paleocoin tokens from the market and burning them, and a small portion allocated to The Paleocoin Foundation.





# The App

We will be creating a platform that provides utilities for different audiences within the Paleontology landscape as well as a central watering hole for them to interact and come together so that the sharing of knowledge will be streamlined. To access the app, users will have to hold Paleocoin tokens and there will be tiered membership based on the amount of Paleocoin held. Certain features will only be unlocked for higher tier members.

The first utility of the app would be catered towards hobbyists who love fossil hunting. We will deploy geolocation tracking technology to create a map that can pinpoint fossil locality and pool data from users that have been to the locality to indicate the status of the site and what kind of fossils you can find there. This feature will also have a version for the professionals so they can stay updated on the various sites that they are working on at one glance. The localities that are for research will only be seen by users who hold a professional member account identified by their crypto wallet address that they connect to the app. This is to prevent hobbyists or the general public from disturbing their localities or potentially compromising the integrity of the scientific information.





The next utility would be for fossil identifications. Users will be able to upload a picture of their fossil and the app will accurately identify and provide data of that fossil. This will be done using AI and Machine Learning technology. We will partner up with universities and museums, to create a huge database of fossils, so that the app would be able to recognize the fossil pictures uploaded by users and accurately identify them.

To protect the interests of Paleocoin investors, we will be establishing partnerships with external parties to fund the building of this app instead of fully funding it ourselves. This will ensure that most of our funds will go back into increasing the value of Paleocoin tokens.





# The Paleocoin Foundation

Although Paleocoin is not a charity token, we do believe in doing good and giving back to society and the Paleontological community. Therefore, we will establish “The Paleocoin Foundation,” where we will disburse scholarships and research grants to students and researchers that we think will make great contributions to the scientific advancement of Paleontology. Thorough vetting and rigorous application process will be in place to make sure that the scholarships and grants are given out responsibly.

Funds in “The Paleocoin Foundation” will be derived from a small portion of the proceeds we get from the project. We will be fully transparent each time we input funds in and each time we give out a scholarship or research grant. Everything will be fully transparent and recorded to give Paleocoin investors a peace of mind.





# Tokenomics

Total Max Supply (100%): 50,000,000,000

Locked tokens (83%): 41,500,000,000

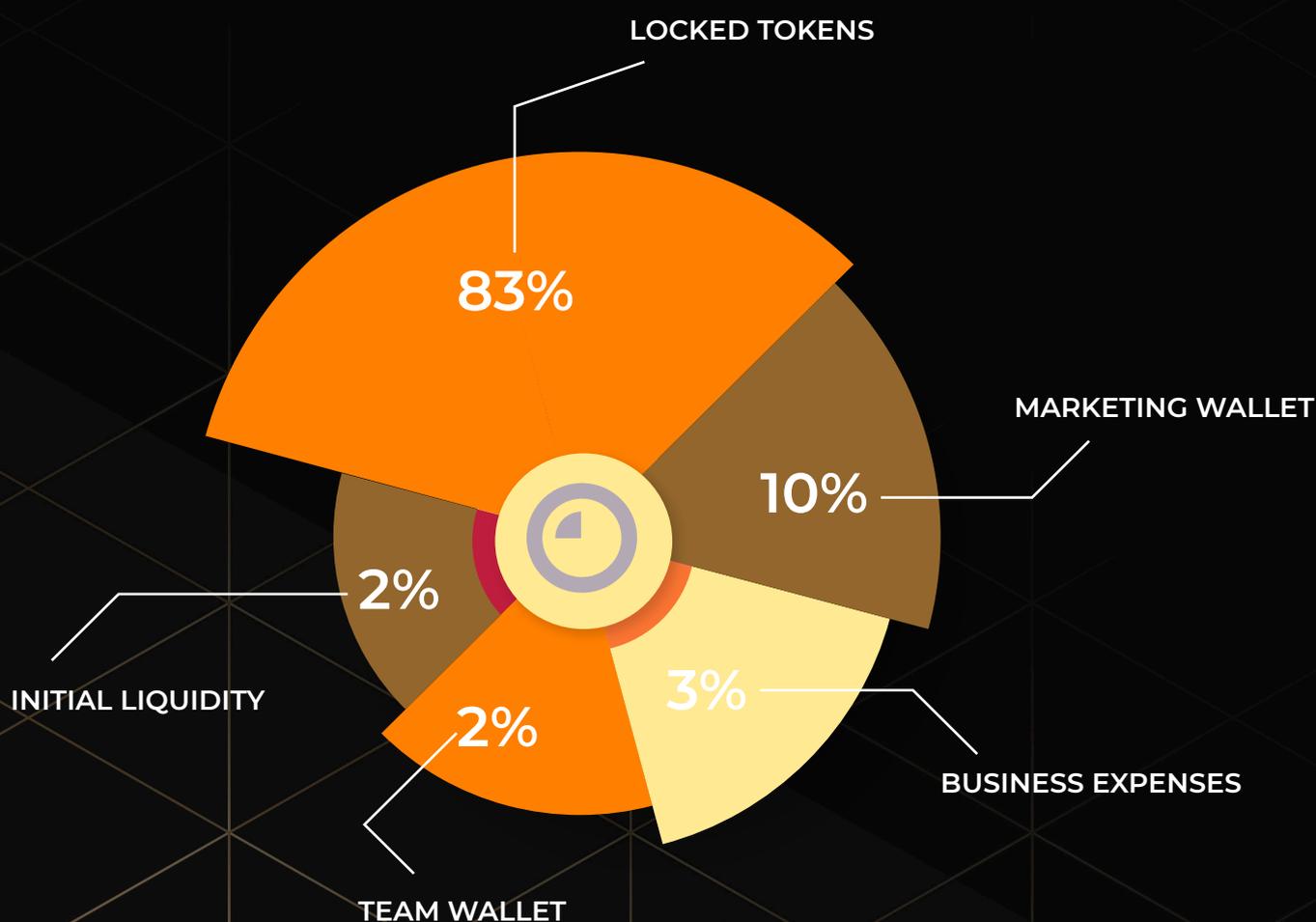
Initial Liquidity (2%): 1,000,000,000

Marketing Wallet (10%): 5,000,000,000

Business Expenses Wallet (3%): 1,500,000,000

Team Wallet (2%): 1,000,000,000

There will be a burn of 50% of the total max supply and market liquidity will be released at the rate of 1,000,000,000 tokens per year. If at a later stage, we determine that the utilities of the project do not warrant the supply, we will continue to burn more tokens and lower the rate of release for market liquidity.





# Founding Team



## **Joel Francis Serena, CEO + Lead Developer**

An accidental fossil discovery sparked the love of Paleontology in Joel since he was a kid. He continued to nurture this love for close to two decades and aspires to continue his career as a paleontologist in the future. Prior to Paleocoin, Joel was also part of the dev team on a XRPL project that is now listed on Bittrue.



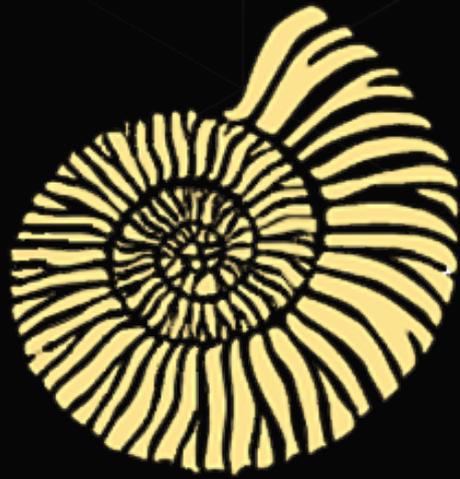
## **Matthew Lim, CMO**

With more than a decade in marketing experience, coupled with his burning passion for crypto, Matthew is committed to driving Paleocoin to new heights and fostering a bustling community around the project.



## **Alyssa Kristine, Head of The Paleocoin Foundation**

Currently a high school science teacher, Alyssa is strongly motivated about shaping the future of science education and will be in charge of the full end-to-end process of handling the scholarships and research grants for The Paleocoin Foundation.



**EDUCATE. INNOVATE. ACCELERATE.**