



3D Models by Ken Gilliland

Overview

Aloha. Lua (or *Kapu Ku'ialua*) is an ancient Hawaiian martial art. It is based on bone breaking, joint locks, throws, pressure point manipulation, strikes, usage of various weapons, battlefield strategy and open ocean warfare.

This fighting art was referred to as "*Ku'ialua*", literally meaning two hits. That name was subsequently given to the god of this martial art.

Generally only those associated with the *ali'i* (nobility), such as professional warriors, guardsmen, and the royal families themselves, were taught *Ku'ialua*. However, during times of warfare, the *maka'ainana* (commoners) were also instructed in the basic movements and functions of the martial art.

The old warriors of this art would coat themselves with a thin layer of coconut oil and remove all of their body hair in order to be able to slip away and avoid being grappled in battle. The word for Lua masters, *olohe*, literally means "hairless".

Polynesians, before European contact, did not possess metal working technology so weapons were built from "found" items such as Koa wood, shells, bones and shark teeth. Weapons used in Lua ranged from *iwi* (bone knives) to the elaborate *Lei-O-Mano* (shark-tooth laden war clubs) and the gruesome *Maka Pāhoa* (double-edged eye dagger).



Use

Both the Poser and DAZ Studio versions have similar usage paths. In Poser, the “Weapons of Lua” subfolder can be found in the “DAZ3D Characters” or “Hivewire3D” folders depending on the character you wish to equip. In DAZ Studio, the “Weapons of Lua” subfolder can be found in the “People” folder and character subfolder (depending on the character you wish to equip).

Both Hivewire3D’s Dawn and Dusk models also have both left and right Hand presets to properly grip the weapons. These presets can be found in the “Hands/Hivewire3D...” folders in Poser and the “People/ ... /Props/Weapons of Lua/Hand Poses” folders in DAZ Studio. It is strongly suggested that the Hand poses be apply before the weapon is loaded in Poser.

Additional materials for the weapons are also included. In Poser, look in the “Materials/Weapons of Lua” folder. In DAZ Studio, look in the People/ ... /Props/Weapons of Lua/Materials” folder.

Some of the weapons include several morphs. The Koa Lei O (spear) has many feather movement and shape morphs, as well as a spear Length morph. The Maka Pāhoa (double-edged eye dagger) has feather tassel movement morphs.

Smart Props

Each weapon has three versions; a smart-propped Left Hand version, a smart-propped Right Hand version and a version that contains no smart-prop information.

Smart-prop technology will position and parent the weapon prop to the appropriate hand. For use with Dawn and Dusk, it is strongly recommended that the included Hand Poses be applied before the prop is parented.





HOE

(WAR CANOE OAR)

The Hawaiian oars were built, prepared and used 4 different ways during times of war. They were used as a traveling tool. The flat part of the paddle protected and shielded the Koas' (warriors) face and body, from objects thrown at them. The flat edge side of the Hoe was used to chop down and cut their opponents. The handle was used to fight with like a staff.

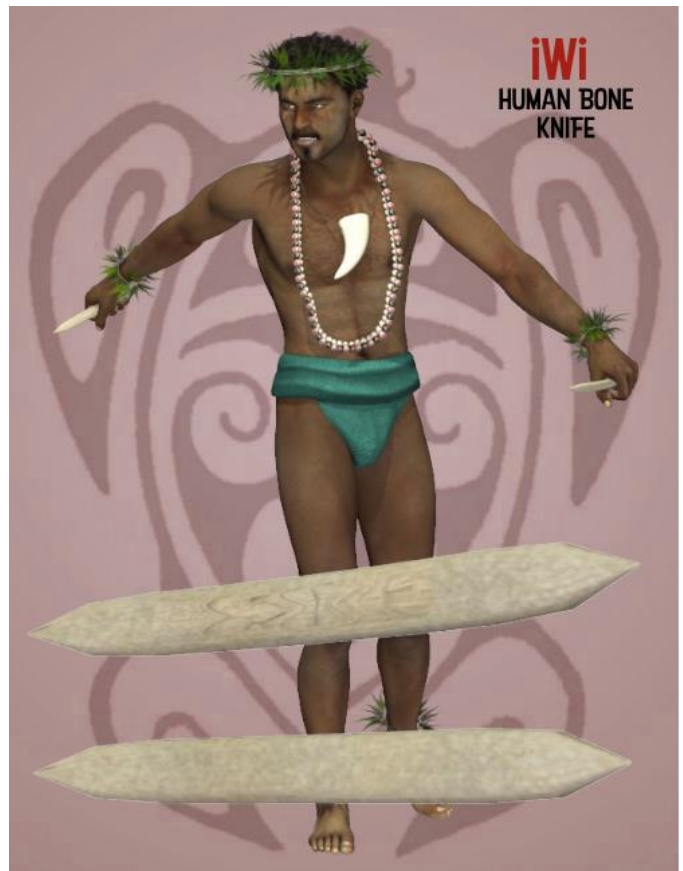
In some cases oars were laden with shark teeth. These were called "Hoe Leiomano".

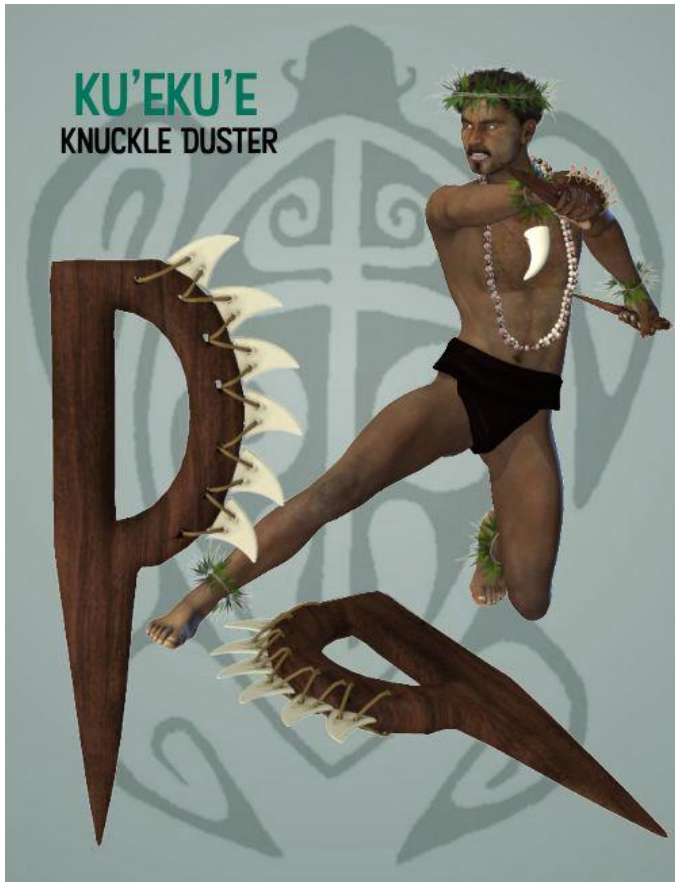
IWI

(HUMAN BONE KNIFE)

Iwi means bone from the human. It was considered sacred and was cherished as it came from dead ancestors.

Bones from the thigh, shoulder blade, hip, collarbone, forearm and most commonly rib were used. These bones were shaped into spears and knives.





KU'EKU'E

(KNUCKLE DUSTER)

Ku'eku'e Lei-O-Manô is a “knuckle duster” or “brass knuckle” type weapon that was laden with shark teeth. It was fashioned from Koa wood and often had a wooden knife point making it either a stabbing or cutting weapon.

IHE

(SHORT SPEAR WITH BARBED EDGES)

The Ihe is a spear laden with barbs (usually shark teeth or shells). Its length can be anywhere between 3 to 9 feet.

The Ihe also could perform the same functions of a Ko'oko'o (staff) such as leg sweeps, pokes, pounds, and blocking attackers.





LEI-O-MÂNO

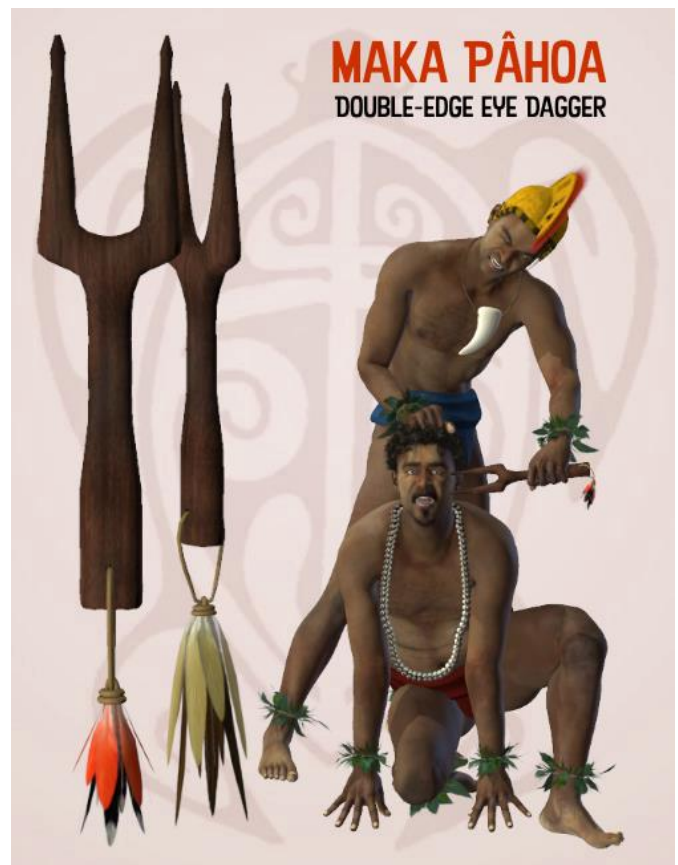
(WRAP-AROUND SHARK TOOTH WAR CLUB)

This elephant ear shaped, wrap-around shark tooth weapon cuts with a downward stroke and an upward stroke in a single cutting motion. It can be used as a club.

MAKA PÂHOA

(DOUBLE-EDGE EYE DAGGER)

This double edged (eye) dagger can be used for offense and defense and can be used 3 different ways to defend one's self: clubbing, trapping of the hands, and poking. The two points were designed to blind one's opponent.



SPECIAL THANKS TO MY BETA TEAM...

...my beta team (FlintHawk, Linda, Jan, Rhonda and Sandra)

Hawaiian themed sets available through Hivewire3D



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