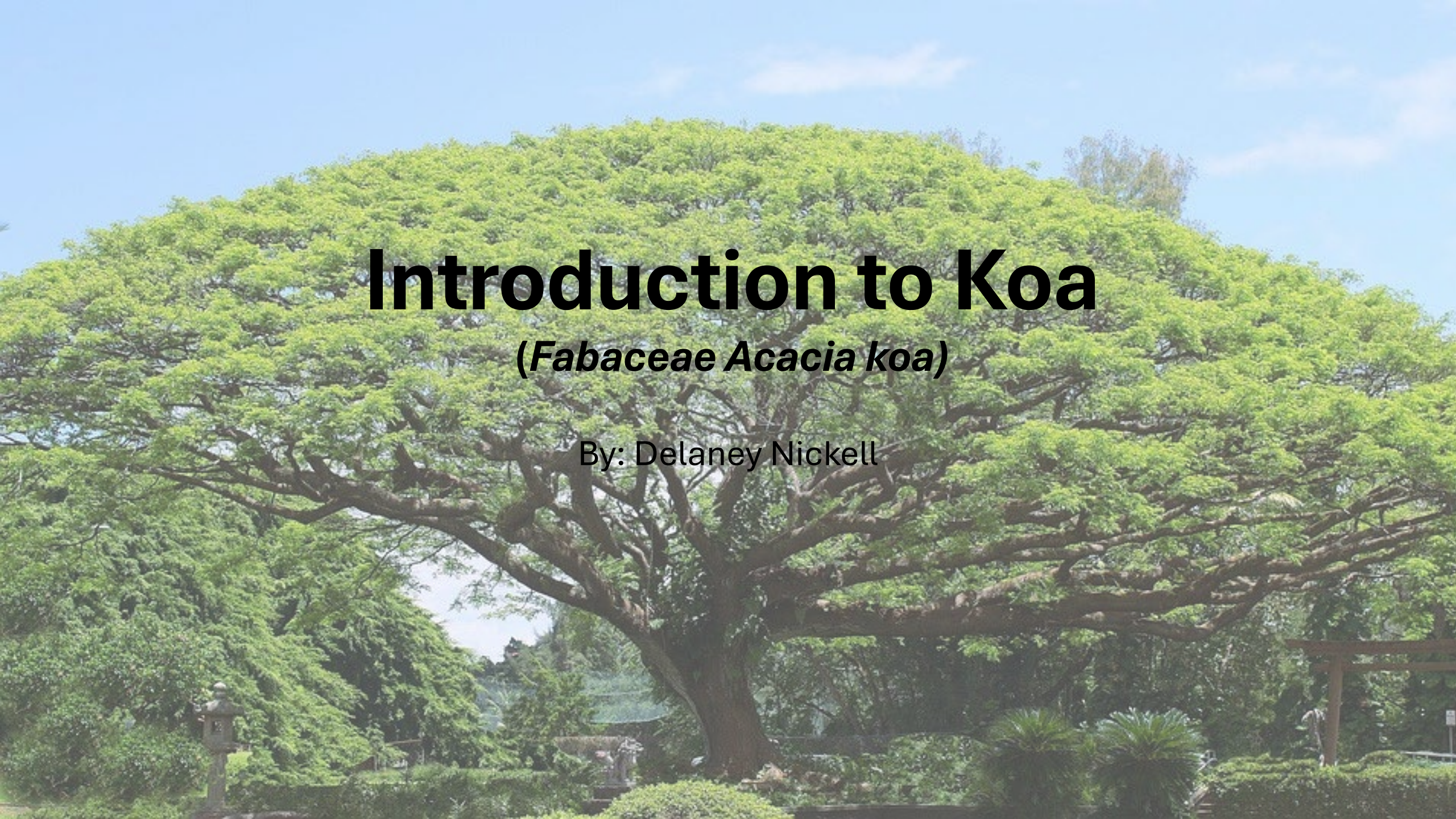




Introduction to Koa

(Fabaceae Acacia koa)

By: Delaney Nickell

Koa Meaning

Warrior

Brave

Soldier



About this Keystone Species

Hawaii's Tallest Tree

- 100-115ft

Native to all major islands

- NOT Kahoolawe/Niihau

Amongst world's most valued tropical timbers

Home to many threatened/endangered birds



Identification



Unique Qualities

Long Lasting Seeds

- Up to 25 yrs



Self Fertilizing

- Nitrogen Fixing
- Turn gas into nutrient food



Value

Stumpage Rate

\$0.15 / BF (1986)

\$3.00 / BF (2006)

\$4.00 / BF (2026)

Veneer Grade Wood

\$50.00 / BF (1986)

\$50.00 / BF (2006)

\$60.00 / BF (2026)

As high as \$300 / BF

Insects/Diseases

Koa Wilt

- Rapid canopy loss/Death
- Targets Young Trees
- Soil-Borne



Koa Moth

- Defoliation
- Slower Tree Growth/Death
- 10,000s of acres defoliated (2013)



Heart Rot

- Targets Older Trees
- Removes Timber Value
- Internal Decay



Products

