Acacia koa 1. Scientific Name:

Koa 2. Common Name:

Koa 3. Hawaijan Name:

Main Hawaiian Islands 4. Geographic Origin:

Terrestrial, mesic and moist 5. Normal Habitat

forests

Endemic 6. Hawaiian Native:

Greater than 50 feet 7. Mature Height:

8. Mature Spread: 20-40 feet

Multi Branched (Canopy) to 9. Growth Habit:

tall narrow (Columnar)

White/Cream/Yellow, round 10. Flowers:

flower puffs, showy when seen en masse, winter time

Brown bean pod shape fruit 11. Fruit:

12. Sunlight Exposure: Full and partial sun

13. Wind Resistance: High

Medium 14. Drought Tolerance:

Medium 15. Salt Tolerance:

low 16. Fertilization:

Medium 17. Maintenance:

18. Pruning: Pruning does more harm

than good. Can slow growth of tree. If necessary,

absolutely minimal.

Clay, Cinder, Organic; Well 19. Soil: drained

Provides Shade; Erosion 20. Uses:

Control; Wind Screen/Buffer

Kaneohe, Camp Smith, 21. Planting Location:

Manana and Puuloa

Excellent for xeriscape and 22. Remarks: native gardensor screen.

Fast growing tree. Does not

tolerate salty and waterloaged soils.







1. Scientific Name: Acacia koaia

2. Common Name: Dwarf Koa

3. Hawaiian Name: Koai'a

4. Geographic Origin: Main Hawaiian Islands

5. Normal Habitat Terrestrial, mesic and moist

forests

6. Hawaiian Native: Endemic

7. Mature Height: 15-30 feet

8. Mature Spread: 15-20 feet

9. Growth Habit: Multi Branched (Canopy)

10. Flowers: Cream/Yellow, round flower

puffs, not showy, winter time

11. Fruit: Brown bean pod shape fruit

12. Sunlight Exposure: Full and partial sun

13. Wind Resistance: High

14. Drought Tolerance: Medium

15. Salt Tolerance: Medium

16. Fertilization: Low

17. Maintenance: Medium

18. Pruning: Minimal to no pruning unless

necessary to manage shape.

19. Soil: Clay, Cinder, Organic; Well

drained

20. Uses: Provides Shade; Some

Erosion Control; Wind Screen/Buffer

21. Planting Location: Kaneohe, Camp Smith, Manana and Puuloa

22. Remarks: Excellent for xeriscape and

native gardens, fast growing tree, provides shade. Does not tolerate wet soils and

high foot traffic.







1. Scientific Name: Aleurites moluccana

2. Common Name: Candlenut Tree

3. Hawaiian Name: Kukui

4. Geographic Origin: Main Hawaiian Islands

5. Normal Habitat Terrestrial, moist to mesic

forests

6. Hawaiian Native: Polynesian Introduced

7. Mature Height: 55-65 feet

8. Mature Spread: 25-30 feet

9. Growth Habit: Single Trunk, Multi Branched

(Canopy)

10. Flowers: Creamy white showy, winter

time

11. Fruit: Large size round slightly

fuzzy olive green rind covering, dark brown/black

shell (nut)

12. Sunlight Exposure: Full and partial sun

13. Wind Resistance: Medium

14. Drought Tolerance: Medium to High (once

established

15. Salt Tolerance: Medium

16. Fertilization: Medium

17. Maintenance: High

18. Pruning: Minimal pruning to manage

shape.

19. Soil: Clay, Cinder, Organic; Well

drained

20. Uses: Provides Shade; Accent

Flower

21. Planting Location: Kaneohe, Camp Smith,

Manana and Puuloa

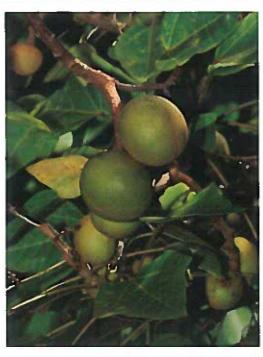
22. Remarks: Excellent for native gardens,

moderate growth rate, provides shade. Fallen seed has high germination rate. One of the most used plants

in Hawaiian culture.







1. Scientific Name: Antidesma platyphyllum

2. Common Name: Hame

3. Hawaiian Name: Hame

4. Geographic Origin: Main Hawaiian Islands

5. Normal Habitat Terrestrial, mesic to wet forests andbog areas

6. Hawaiian Native: Endemic

7. Mature Height: 6-25 feet

8. Mature Spread: 5-15 feet

9. Growth Habit: Single Trunk, Multi Branched

(Canopy)

10. Flowers: Greenish White, not showy,

summer/fall time

11. Fruit: Small grape-like dark

reddish-purple berries

12. Sunlight Exposure: Full and partial sun

13. Wind Resistance: Medium

14. Drought Tolerance: Medium

15. Salt Tolerance: Medium

16. Fertilization: Medium

17. Maintenance: Low

18. Pruning: Minimal pruning to manage

shape.

19. Soil: Organic; Well drained

20. Uses: Provides Shade; Accent

Foliage/Fruit

21. Planting Location: Kaneohe, Camp Smith, and

Manana

22. Remarks: Excellent for native gardens,

moderate growth rate, provides shade. Attractive foliage and fruit combination. Fruit juice stains clothing and

skin. Strong durable

hardwood.







1. Scientific Name: Artocarpus altilis

2. Common Name: Breadfruit

3. Hawaiian Name: Ulu

4. Geographic Origin: New Guinea (possibly

Indonesia and Philippines)

5. Normal Habitat Terrestrial, mesic to wet

forests

6. Hawaiian Native: Polynesian Introduced

7. Mature Height: 50-60 feet

8. Mature Spread: 25-30 feet

9. Growth Habit: Single Trunk, Multi Branched

(Canopy)

10. Flowers: Numerous small yellow white

on drooping narrow

cylindrical stalk, spring time

11. Fruit: Large cylindrical to round

shaped green fruit turning yellow brown. Numerous fruit

producing varieties.

12. Sunlight Exposure: Full sun

13. Wind Resistance: Low

14. Drought Tolerance: Low

15. Salt Tolerance: Low

16. Fertilization: Medium

17. Maintenance: High

18. Pruning: Pruning to manage shape.

19. Soil: Deep Fertile Organic; Well

drained

20. Uses: Provides Shade; Accent

Foliage, Fruit Producing

21. Planting Location: Kaneohe, Camp Smith, and

Manana

22. Remarks: Fast growth rate. Provides

shade. Unique foliage shape. Plant away from paved surfaces/sitting areas due to

heavy fruit being a liability. Important to Hawaiian

Culture.







J-5

1. Scientific Name: Broussonetia papyrifera

2. Common Name: Paper Mulberry

3. Hawaiian Name: Wauke

4. Geographic Origin: East Asia, China

5. Normal Habitat Terrestrial, mesic to wet to

dry forests

6. Hawaiian Native: Polynesian Introduced

7. Mature Height: 30-35 feet

8. Mature Spread: 15-20 feet

9. Growth Habit: Single Trunk, Multi Branched

(Canopy)

10. Flowers: Small, round individual

flowers in a catkin; pale and dull green color, occurring in

spring time

11. Fruit: Aggregate of red drupes

12. Sunlight Exposure: Full sun

13. Wind Resistance: Medium

14. Drought Tolerance: Medium

15. Salt Tolerance: Medium

16. Fertilization: Medium

17. Maintenance: Medium

18. Pruning: Pruning to manage shape.

19. Soil: All soil types

20. Uses: Provides Shade; Accent

Foliage/Fruit

21. Planting Location: Kaneohe, Camp Smith, and

Manana, Puuloa

22. Remarks: Fast growth rate. Provides shade. Unique foliage shape.

Pollen is allergenic.
Important to Hawaiian

Culture.









1. Scientific Name: Calophyllum inophyllum

2. Common Name: Alexandrian Laurel

3. Hawaiian Name: Kamani

4. Geographic Origin: Melanesia and Polynesia

5. Normal Habitat Terrestrial, mesic to wet to

dry forests

6. Hawaiian Native: Polynesian Introduced

7. Mature Height: 50-60 feet

8. Mature Spread: 30-40 feet

9. Growth Habit: Single Trunk, Multi Branched

(Canopy)

10. Flowers: Small fragrant white waxy

showy flowers with yellow stamens and pink pistil occurring in spring/summer

11. Fruit: Round/spherical fruit with

dark grey-brown skin/shell

12. Sunlight Exposure: Full or partial sun

13. Wind Resistance: High

14. Drought Tolerance: High

15. Salt Tolerance: High

16. Fertilization: Medium

17. Maintenance: High

18. Pruning: Pruning to manage shape.

19. Soil: All soil types

20. Uses: Provides shade; good wind

break or screen

21. Planting Location: Kaneohe, Camp Smith, and

Manana, Puuloa

22. Remarks:Slow growth rate. Tolerates full strength seawater and

grows along the seashore.







1. Scientific Name: Caesalpinia kavaiensis

2. Common Name: Uhiuhi

3. Hawaiian Name: Uhiuhi

4. Geographic Origin: Main Hawaiian Islands

5. Normal Habitat Terrestrial, dry to moist

forest

6. Hawaiian Native: Endemic

7. Mature Height: 12-30 feet

8. Mature Spread: 6-15 feet

9. Growth Habit: Single Trunk, Multi Branched

10. Flowers: Long bunches of pink to red

flowers with reddish stamens sticking out past flower petals occurring in winter

11. Fruit: Flat woody oblong reddish

pods

12. Sunlight Exposure: Full or partial sun

13. Wind Resistance: High

14. Drought Tolerance: High

15. Salt Tolerance: High

16. Fertilization: Medium

17. Maintenance: Low

18. Pruning: Pruning to manage shape.

19. Soil: All soil types

20. Uses: Small tree, floral accent

21. Planting Location: Kaneohe, Camp Smith, and

Manana, Puuloa

22. Remarks: Fast growth rate. Excellent

for xeriscape and native

gardens









1. Scientific Name:

Colubrina asiatica

2. Common Name:

Latherleaf, Asian Nakedwood

3. Hawaiian Name:

'Anapanapa

4. Geographic Origin:

Main Hawaiian Islands

5. Normal Habitat

Terrestrial, dry forest

6. Hawaiian Native:

Indigenous

7. Mature Height:

15-30 feet

8. Mature Spread:

8-12 feet

9. Growth Habit:

Multi Branched, sprawling,

(shrub like)

10. Flowers:

Green/Yellow, not showy,

occur year round (sporadic)

11. Fruit:

Small hard brownish seed

capsules.

12. Sunlight Exposure:

Full or partial sun

13. Wind Resistance:

High

14. Drought Tolerance:

High

15. Salt Tolerance:

High

16. Fertilization:

Low

17. Maintenance:

Medium

18. Pruning:

May require heavy pruning to

keep within landscape

settings.

19. Soil:

All soil types, must be well

drained

20. Uses:

Small tree, accent (shiny foliage), erosion control,

hedge/screen, good

container plant

21. Planting Location:

Kaneohe, Manana and

Puuloa

22. Remarks:

Semi-fast growth rate. Very drought tolerant. Excellent

for xeriscape and native gardens. If planted to close to other native plants due to sprawling habit may climb up

and over them.







1. Scientific Name: Cordia subcordata

2. Common Name: Smooth Kou

3. Hawaiian Name: Kou

4. Geographic Origin: Kaua'i

5. Normal Habitat Terrestrial, dry forest

6. Hawaiian Native: Indigenous

7. Mature Height: 25 feet

8. Mature Spread: 25 feet

9. Growth Habit: Multi Branched, rounded

crown, spreading

10. Flowers: Light Orange to Orange,

showy, occur year round

(sporadic)

11. Fruit: Round brown fruit, starting

green and drying black

12. Sunlight Exposure: Full or partial sun

13. Wind Resistance: High

14. Drought Tolerance: Medium

15. Salt Tolerance: High

16. Fertilization: Low

17. Maintenance: Low (once established)

18. Pruning: Young trees often grow

crooked; prune to keep

nice shape

19. Soil: All soil types, must be well

drained

20. Uses: Medium size tree, accent

tree (showy flower), good hedge/screen, wind break and in Xeriscape garden

21. Planting Location: Kaneohe, Manana, Puuloa

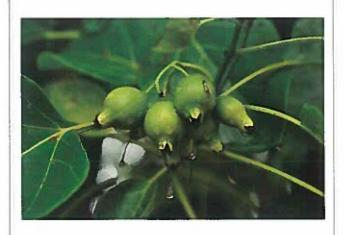
and, Camp Smith

22. Remarks: A commonly used tree;

good drought tolerance. Do not plant to close to sidewalks or driveways, fruit can be slippery. Shallow roots common.







1. Scientific Name: Diospryros sandwicensis

2. Common Name: **Hawaiian Ebony**

3. Hawaiian Name: Lama

4. Geographic Origin: All main Hawaiian Islands

5. Normal Habitat Dry and mesic forest, sometimes in open lava

fields

6. Hawaiian Native: **Endemic**

7. Mature Height: 15-30 feet

8. Mature Spread: 20 feet

9. Growth Habit: Multi Branched, upright

crown, spreading

10. Flowers: Greenish White to Pink,,

not showy, occur year

round (sporadic)

Small round yellow to reddish orange fruit

12. Sunlight Exposure: Full or partial sun

13. Wind Resistance: High

11. Fruit:

14. Drought Tolerance: High

15. Salt Tolerance: Medium

16. Fertilization: Medium (once every six

months with balance slow

release fertilizer)

17. Maintenance: Low

18. Pruning: Generally not required, minimal and selective

19. Soil: Cinder, Organic and Coral: must be well drained

20. Uses: Accent tree (showy new

growth), good shade and screening tree and in

Xeriscape garden

21. Planting Location: Kaneohe, Manana and,

Puuloa

22. Remarks: Slow growing tree. Do not plant in containers. New

growth color ranges from red to pink to orange.









1. Scientific Name: Erythrina sandwicensis

2. Common Name: Hawaiian Coral Tree

3. Hawaiian Name: Wiliwili

4. Geographic Origin: All main Hawaiian Islands

5. Normal Habitat Terrestrial, dry forest

6. Hawaiian Native: Endemic

7. Mature Height: 30-50 feet

8. Mature Spread: 40-60 feet

9. Growth Habit: Multi Branched, spreading

crown

10. Flowers: White to yellow to light

orange to orange; showy, spring and summer

11. Fruit: Brown pods, twisted i

Brown pods, twisted in shape, with 1-3 seeds which are purplish, dark

red, red-orange, orange, yellowish orange and pale

yellow in color

12. Sunlight Exposure: Full sun

13. Wind Resistance: High

14. Drought Tolerance: High

15. Salt Tolerance: Medium

16. Fertilization: Low (nitrogen fixing)

17. Maintenance: Low

18. Pruning: Generally not required

19. Soll: Cinder; must be well

drained

20. Uses: Accent tree (showy

flowers), will grow in harshest environment, tough and resilient; good in

Xeriscape garden

21. Planting Location: Kaneohe, Manana, Camp

Smith and, Puuloa

22. Remarks:Native deciduous tree, flowers appearing before

leaves, some flowers a mixture of multiple colors.













1. Scientific Name:

Hibiscus tiliaceus

2. Common Name:

Tree Hibiscus

3. Hawaiian Name:

Hau

4. Geographic Origin:

All main Hawaiian Islands

5. Normal Habitat

Coastal areas, estuaries, mangrove swamps

6. Hawaiian Native:

Polynesian Introduced

7. Mature Height:

25-30 feet

8. Mature Spread:

20-25 feet

9. Growth Habit:

Multi Branched, spreading crown, fast growth rate

10. Flowers:

Yellow with crimson center turning reddish, showy, spring, summer and fall

11. Fruit:

Small round light brown pods containing dark brown seeds

12. Sunlight Exposure:

Full sun

13. Wind Resistance:

High

14. Drought Tolerance:

Medium

15. Salt Tolerance:

High

16. Fertilization:

Low

17. Maintenance:

High

18. Pruning:

Regular pruning and sucker growth removal

19. Soil:

Variety of soils, including sandy and moist conditions

20. Uses:

Accent tree (showy flowers), will grow in sandy or marsh conditions

21. Planting Location:

Kaneohe, Camp Smith and, Puuloa

22. Remarks:

Can be invasive species. Both yellow and reddish flowers appear at same time. Variegated species produces multi colored leaves. Twisted mature tree trunk structure.













1. Scientific Name: Kokia drynarioides

2. Common Name: Hawaii Tree Cotton

3. Hawaiian Name: Hau hele 'ula

4. Geographic Origin: All main Hawaiian Islands

5. Normal Habitat Dry Forest

6. Hawaiian Native: Endemic

7. Mature Height: 30-50 feet

8. Mature Spread: 15-20 feet

9. Growth Habit: Multi Branched

10. Flowers: Red, showy, spring and

summer

11. Fruit: Five lobed fuzzy seed

capsule with three bracts containing golden brown to

reddish brown seeds

12. Sunlight Exposure: Full or partial sun

13. Wind Resistance: Medium

14. Drought Tolerance: High

15. Salt Tolerance: High

16. Fertilization: Medium, once every 6

months with balanced

fertilizer

17. Maintenance: Medium

18. Pruning: Prune sparingly

19. Soil: Cinder, requires well

drained soil

20. Uses: Accent tree (showy

flowers), screen, specimen

plant, use in Xeriscape

garden

21. Planting Location: Kaneohe, Manana and

Puuloa

22. Remarks: Very few wild trees exist.

Do not like wet soil. Several insects infest younger foliage.









1. Scientific Name: Metrosideros polymorpha

2. Common Name: 'Ohi'a lehua

3. Hawaiian Name: 'Ohi'a lehua

4. Geographic Origin: All main Hawaiian Islands

5. Normal Habitat Dry, Mesic Forest,

Terrestrial

6. Hawaiian Native: Endemic

7. Mature Height: 30-50 feet

8. Mature Spread: 10-20 feet

9. Growth Habit: Multi Branched, rounded

overall shape

10. Flowers: Red, orange, pink, yellow,

cream, showy, year round

11. Fruit: Small round grey green five

bract capsule

12. Sunlight Exposure: Full sun

13. Wind Resistance: High

14. Drought Tolerance: High

15. Salt Tolerance: High

16. Fertilization: Medium, once every 6

months with balanced

fertilizer

17. Maintenance: Medium

18. Pruning: Light and judicious

19. Soil: Rich organic and cinder,

requires well drained soil

20. Uses: Accent tree (showy

flowers), screen, specimen and shade plant, Xeriscape garden, good in containers

21. Planting Location: Kaneohe, Manana and Puuloa

Fuul

22. Remarks: No other native Hawaiian

plant found in great number of varieties. Do not plant near entrance/exits due to constant blooms attracts numerous bees. Sensitive

to root disturbance.













1. Scientific Name: Metrosideros tremuloides

2. Common Name: Lehua ahihi

3. Hawaiian Name: Lehua 'ahihi

4. Geographic Origin: All main Hawaiian Islands

5. Normal Habitat Mesic to wet forest,

terrestrial

6. Hawaiian Native: Endemic

7. Mature Height: 15-30 feet

8. Mature Spread: 15 feet

9. Growth Habit: Multi Branched, weeping

0. Flowers: Red, year round

11. Fruit: Small round green capsule

with dust-like seeds

12. Sunlight Exposure: Full or partial sun

13. Wind Resistance: High

14. Drought Tolerance: Low

15. Salt Tolerance: Medium

16. Fertilization: Medium, once every 6

months with slow released

balanced fertilizer

17. Maintenance: Medium

18. Pruning: Light and judicious

19. Soil: Rich organic and cinder,

requires well drained soil

20. Uses:Accent tree (showy flowers), hedge, specimen,

good in containers

21. Planting Location: Kaneohe, Manana and

Camp Smith

22. Remarks: Good tree for moist areas.

Sensitive to root disturbance.









1. Scientific Name: Morinda citrifolia

2. Common Name: Indian Mulberry

3. Hawaiian Name: Noni

4. Geographic Origin: All main Hawaiian Islands

5. Normal Habitat Mesic to wet forest, coastal,

volcanic terrain

6. Hawaiian Native: Polynesian Introduced

7. Mature Height: 15 feet

8. Mature Spread: 10 feet

9. Growth Habit: Multi Branched, pyramidal

0. Flowers: Small white trumpet shape,

year round

11. Fruit: Oval shape, first green then

turns yellow, white when ripe, has many seeds

12. Sunlight Exposure: Full sun or shade

13. Wind Resistance: High

14. Drought Tolerance: High

15. Salt Tolerance: High

16. Fertilization: Medium

17. Maintenance: Medium to High

18. Pruning: Prune to shape

19. Soil: All soil types, requires good

drainage

20. Uses: Hedge, windbreak or

screen.

21. Planting Location: Kaneohe, Puuloa, Manana

and Camp Smith

22. Remarks:Good tree for shade areas.
Fruit when ripe produces

pungent odor.











Psydrax odoratum 1. Scientific Name:

2. Common Name: Hawaiian Mockorange

Alahe'e 3. Hawaiian Name:

Main Hawaiian Islands 4. Geographic Origin:

Shrub land to dry, mesic and 5. Normal Habitat

wet forests

Indigenous 6. Hawaiian Native:

15-30 feet 7. Mature Height:

15-20 feet 8. Mature Spread:

9. Growth Habit: Spreading to columnar

10. Flowers: White, star shaped, in

clusters, very fragrant, winter

time

Green to black small round 11. Fruit:

fruit

Full and partial sun 12. Sunlight Exposure:

13. Wind Resistance: Medium

14. Drought Tolerance: High

Medium 15. Salt Tolerance:

Medium 16. Fertilization:

Medium 17. Maintenance:

Prune to manage shape, 18. Pruning:

size; for hedge once every 6 months, for tree once a year

Clay, Cinder, Organic; Well 19. Soil:

drained

20. Uses: Accent/Specimen;

> Windbreak; Foliage and Flower Color; Screen/Buffer

Kaneohe, Camp Smith, 21. Planting Location:

Manana and Puuloa

22. Remarks: Excellent for xeriscape and

native gardens, hedge or screen. Slow growing tree. May be used as a native substitution for Mock

Orange.







PLANT REFERENCE PLATE (SHRUBS).....

1. Scientific Name: Plumbago zeylanica

2. Common Name: White Leadwort

3. Hawaiian Name: 'llie'e

4. Geographic Origin: All Main Hawaiian Islands

5. Normal Habitat Sand dunes, arid, disturbed areas, dry forest and shrub

land

6. Hawaiian Native: Indigenous

7. Mature Height: 1-2 feet

8. Mature Spread: 4-6 feet

9. Growth Habit: Sprawling

10. Flowers: White; year round

11. Fruit: Green sticky fruit

12. Sunlight Exposure: Full and partial sun

13. Wind Resistance: Medium

14. Drought Tolerance: Medium

15. Salt Tolerance: Medium

16. Fertilization: Medium

17. Maintenance: Medium

18. Pruning: Prune to manage shape,

size, confine within planting area and encourage

branching

19. Soil: Sand, Cinder, Organic; Well

drained

20. Uses: Accent/Specimen; Container;

Foliage and Flower Color

21. Planting Location: Kaneohe, Camp Smith and

Puuloa

22. Remarks: Excellent for xeriscape and native gardens. Grown in

native gardens. Grown in semi-shade, it will have the best green leaf color but reduced flower production.







PLANT REFERENCE PLATE (GROUND COVERS).....

1. Scientific Name: Vitex rotundifolia

2. Common Name: Beach Vitex

3. Hawaiian Name: Pohinahina

4. Geographic Origin: Tropical Pacific

5. Normal Habitat Sandy beaches, dunes,

rocky shores

6. Hawaiian Native: Indigenous

7. Mature Height: 2 feet

8. Mature Spread: 3-4 feet

9. Growth Habit: Prostrate, spreading

10. Flowers: Violet, short spikes at end of

stems; year round

11. Fruit: Purplish round fruit at end of

stem

12. Sunlight Exposure: Full sun

13. Wind Resistance: High

14. Drought Tolerance: High

15. Salt Tolerance: High

16. Fertilization: Low

17. Maintenance: Low

18. Pruning: Prune to manage shape,

size and stimulate compactness

compactness

19. Soil: Clay, sand, cinder, coral;

Well drained

20. Uses: Accent/Specimen; Container;

Foliage and Flower Color;

Erosion Control

21. Planting Location: Kaneohe, Camp Smith,

Manana and Puuloa

22. Remarks: Excellent for xeriscape and native gardens, erosion

control in sandy areas, and as a mass planting of ground cover. Plant responds well to pruning. The leaves have a

fragrance.





