



Dendro in Africa

- 54 countries
- 11.7 M mi²
- Bigger than North America
- 1.1 billion people

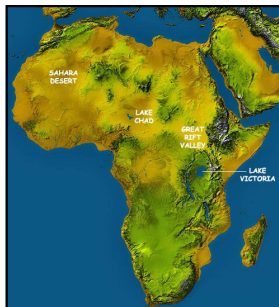


FORS 2319 Lecture 13 Revised 08.12.2020

2

Topography

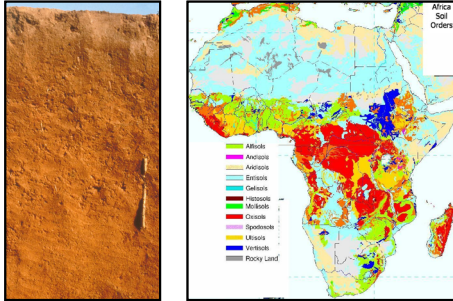
- Vast areas near sea-level
- Massive inland lakes
 - Lake Victoria 2nd biggest freshwater lake in world
 - Lake Superior #1
- Kilimanjaro: 19,341 ft.



FORS 2319 Lecture 13 Revised 08.12.2020

3

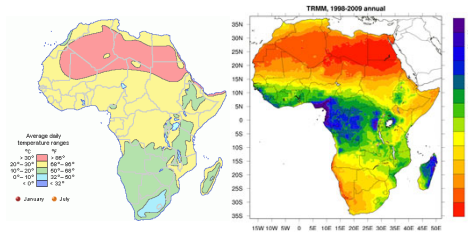
Soils



FORS 2319 Lecture 13 Revised 08.12.2020

4

Climate



FORS 2319 Lecture 13 Revised 08.12.2020

5

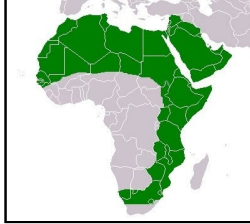
Forests of Africa



FORS 2319 Lecture 13 Revised 08.12.2020

6

umbrella thorn acacia
Fabaceae *Vachellia tortilis*



FOHS 2319 Lecture 13 Revised 08.12.2020

7

The Tree of Ténéré
Fabaceae *Vachellia tortilis*



FOHS 2319 Lecture 13 Revised 08.12.2020

8

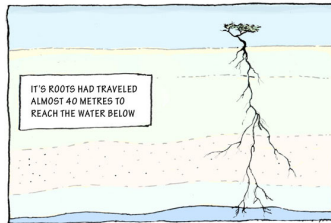
The Tree of Ténéré
Fabaceae *Vachellia tortilis*



FOHS 2319 Lecture 13 Revised 08.12.2020

9

The Tree of Ténéré Fabaceae *Vachellia tortilis*



FORIS 2319 Lecture 13 Revised 08.12.2020

10

fever tree Fabaceae *Vachellia xanthophloea*



FORIS 2319 Lecture 13 Revised 08.12.2020

11

fever tree Fabaceae *Vachellia xanthophloea*

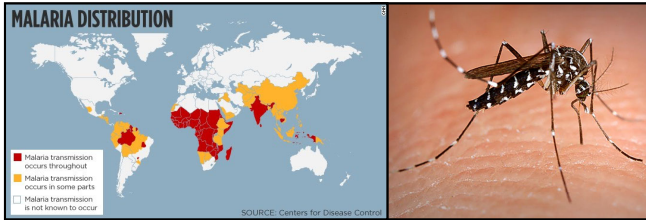


FORIS 2319 Lecture 13 Revised 08.12.2020

12

fever tree

Fabaceae *Vachellia xanthophloea*

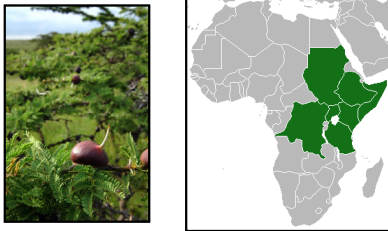


FORS 2319 Lecture 13 Revised 08.12.2020

13

whistling thorn

Fabaceae *Vachellia drepanolobium*



FORS 2319 Lecture 13 Revised 08.12.2020

14

whistling thorn

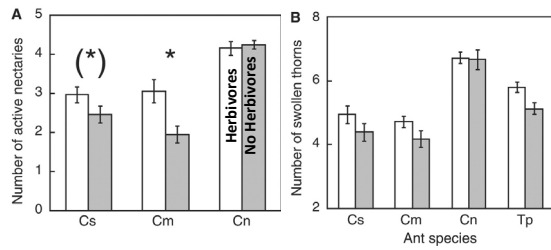
Fabaceae *Vachellia drepanolobium*



FORS 2319 Lecture 13 Revised 08.12.2020

15

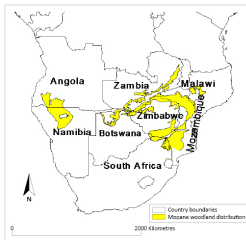
whistling thorn

Fabaceae *Vachellia drepanolobium*

FORS 2319 Lecture 13 Revised 08.12.2020

16

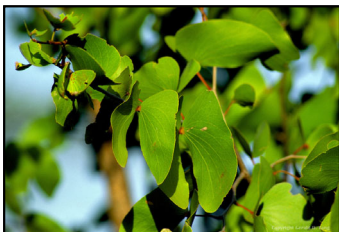
mopane tree

Fabaceae *Colophospermum mopane*

FORS 2319 Lecture 13 Revised 08.12.2020

17

mopane tree

Fabaceae *Colophospermum mopane*

- Mopane
- Mopani
- Balsam tree
- Butterfly tree
- Turpentine tree

FORS 2319 Lecture 13 Revised 08.12.2020

18

mopane tree
Fabaceae *Colophospermum mopane*



FORS 2319 Lecture 13 Revised 08.12.2020

19

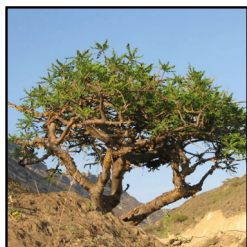
mopane tree
Fabaceae *Colophospermum mopane*



FORS 2319 Lecture 13 Revised 08.12.2020

20

frankincense
Burseraceae *Boswellia sacra*



FORS 2319 Lecture 13 Revised 08.12.2020

21

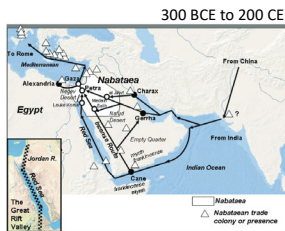
frankincense
Burseraceae *Boswellia sacra*



FORS 2319 Lecture 13 Revised 08.12.2020

22

frankincense
Burseraceae *Boswellia sacra*



FORS 2319 Lecture 13 Revised 08.12.2020

23

frankincense
Burseraceae *Boswellia sacra*

Petra, center of trade



FORS 2319 Lecture 13 Revised 08.12.2020

24

baobab

Malvaceae *Adansonia grandidieri*



FORS 2319 Lecture 13 Revised 08.12.2020

25

baobab

Malvaceae *Adansonia grandidieri*



FORS 2319 Lecture 13 Revised 08.12.2020

26

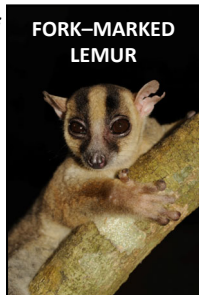
baobab

Malvaceae *Adansonia grandidieri*



FORS 2319 Lecture 13 Revised 08.12.2020

27



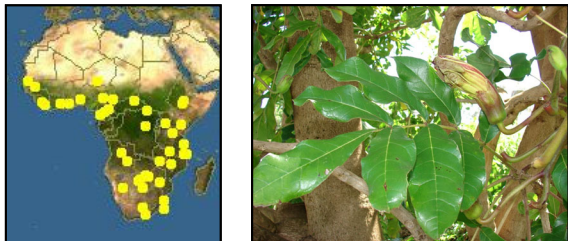
sausage tree
Bignoniaceae *Kigelia africana*



FORS 2319 Lecture 13 Revised 08.12.2020

28

sausage tree
Bignoniaceae *Kigelia africana*



FORS 2319 Lecture 13 Revised 08.12.2020

29

sausage tree
Bignoniaceae *Kigelia africana*



FORS 2319 Lecture 13 Revised 08.12.2020

30

31

[illegible]

32

[illegible]

33

[illegible]

quiver tree

Xanthorrhoeaceae *Aloe dichotoma*

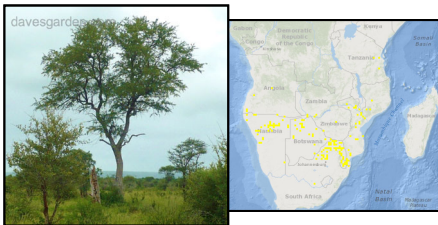


FORS 2319 Lecture 13 Revised 08.12.2020

34

leadwood

Combretaceae *Combretum imberbe*



FORS 2319 Lecture 13 Revised 08.12.2020

35

leadwood

Combretaceae *Combretum imberbe*



FORS 2319 Lecture 13 Revised 08.12.2020

36

leadwood

Combretaceae *Combretum imberbe*

- World's 6th densest wood
- Gravity of 75.8 lbs/ft³
- Water 62.3 lbs/ft³



FORS 2319 Lecture 13 Revised 08.12.2020

37

marula tree

Anacardiaceae *Sclerocarya birrea*

FORS 2319 Lecture 13 Revised 08.12.2020

38

marula tree

Anacardiaceae *Sclerocarya birrea*

FORS 2319 Lecture 13 Revised 08.12.2020

39

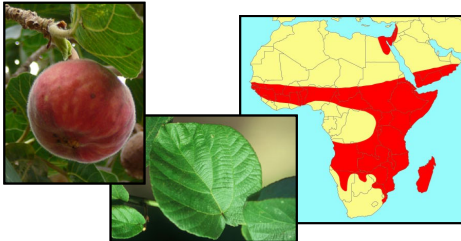
sycomore fig
Moraceae *Ficus sycomorus*



FOHS 2319 Lecture 13 Revised 08.12.2020

40

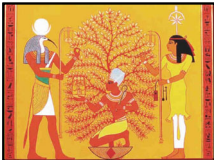
sycomore fig
Moraceae *Ficus sycomorus*



FOHS 2319 Lecture 13 Revised 08.12.2020

41

sycomore fig
Moraceae *Ficus sycomorus*



FOHS 2319 Lecture 13 Revised 08.12.2020

42

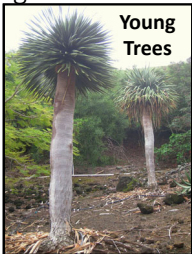
dragon blood tree
Asparagaceae *Dracaena cinnabari*



FORS 2319 Lecture 13 Revised 08.12.2020

43

dragon blood tree
Asparagaceae *Dracaena cinnabari*



Young
Trees



FORS 2319 Lecture 13 Revised 08.12.2020

44

coco de mer
Arecaceae *Lodoicea maldivica*

Only found on
Praslin & Curieuse



FORS 2319 Lecture 13 Revised 08.12.2020

45

coco de mer

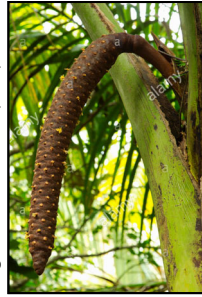
Arecaceae *Lodoicea maldivica*

Largest fruit in world (65 lb)



FORS 2319 Lecture 13 Revised 08.12.2020

Dioecious



Largest catkin in world (~3 ft)

46

coco de mer

Arecaceae *Lodoicea maldivica*

ebay

Shop by category

Search for anything

Home > Collectibles > Decorative Collectibles > Other Decorative Collectibles

Antique African X-Large Coco de Mer Seychelles NutSeed

**\$4,999.99**

+ \$60.00 Shipping

Get it by Tue, Sep 2 - Wed, Sep 16 from Tel Aviv, Israel

• Used condition

• 30-day returns - Buyer pays return shipping

"Very Good"
It has a perfect shape for this type of nutseed and right
condition for its size, weight (nearly 2 lbs), and color. A
great full description
[See details](#)

FORS 2319 Lecture 13 Revised 08.12.2020

47

nara plant

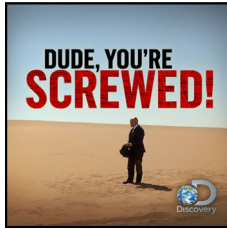
Cucurbitaceae *Acanthosicyos horridus*

FORS 2319 Lecture 13 Revised 08.12.2020

48

nara plant

Cucurbitaceae *Acanthosicyos horridus*



FOHS 2319 Lecture 13 Revised 08.12.2020

49

jackalberry

Ebenaceae *Diospyros mespiliformis*



FOHS 2319 Lecture 13 Revised 08.12.2020

50

Sydney bluegum

Myrtaceae *Eucalyptus saligna*

- Not from Africa
- Tallest tree in Africa
- Tallest planted tree in world
 - 80 m = 262 feet
- Planted 1906



FOHS 2319 Lecture 13 Revised 08.12.2020

51
