

All of the Other
TRUE FLIES



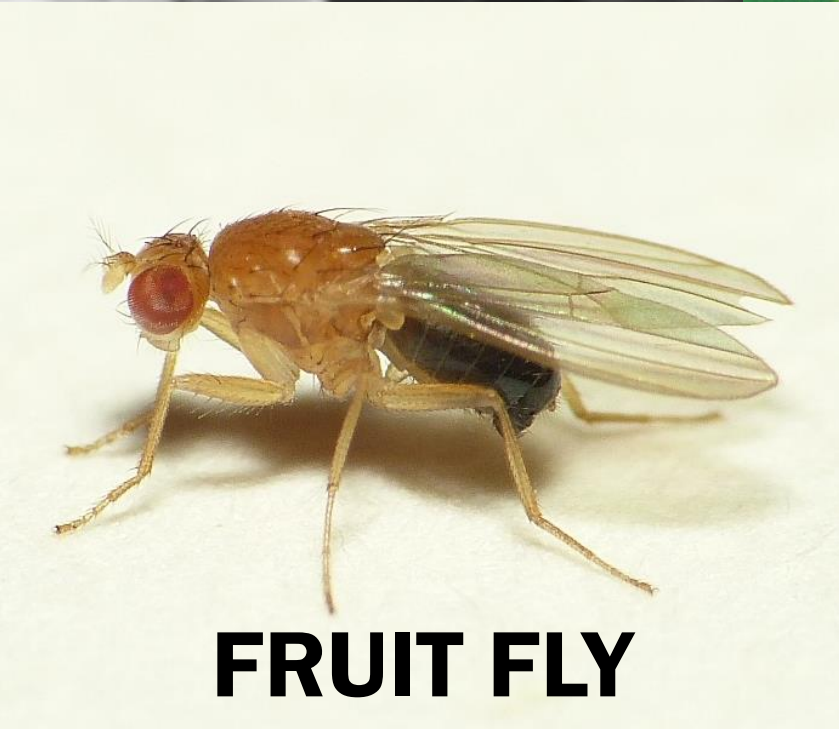
BUTTERFLY



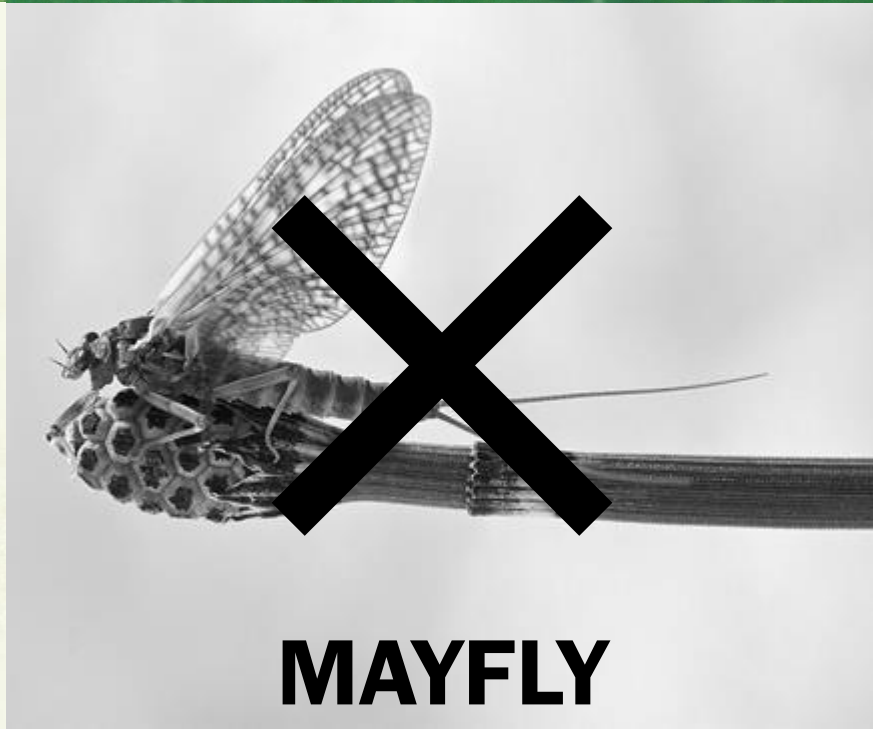
CRANE FLY



DRAGONFLY



FRUIT FLY



MAYFLY



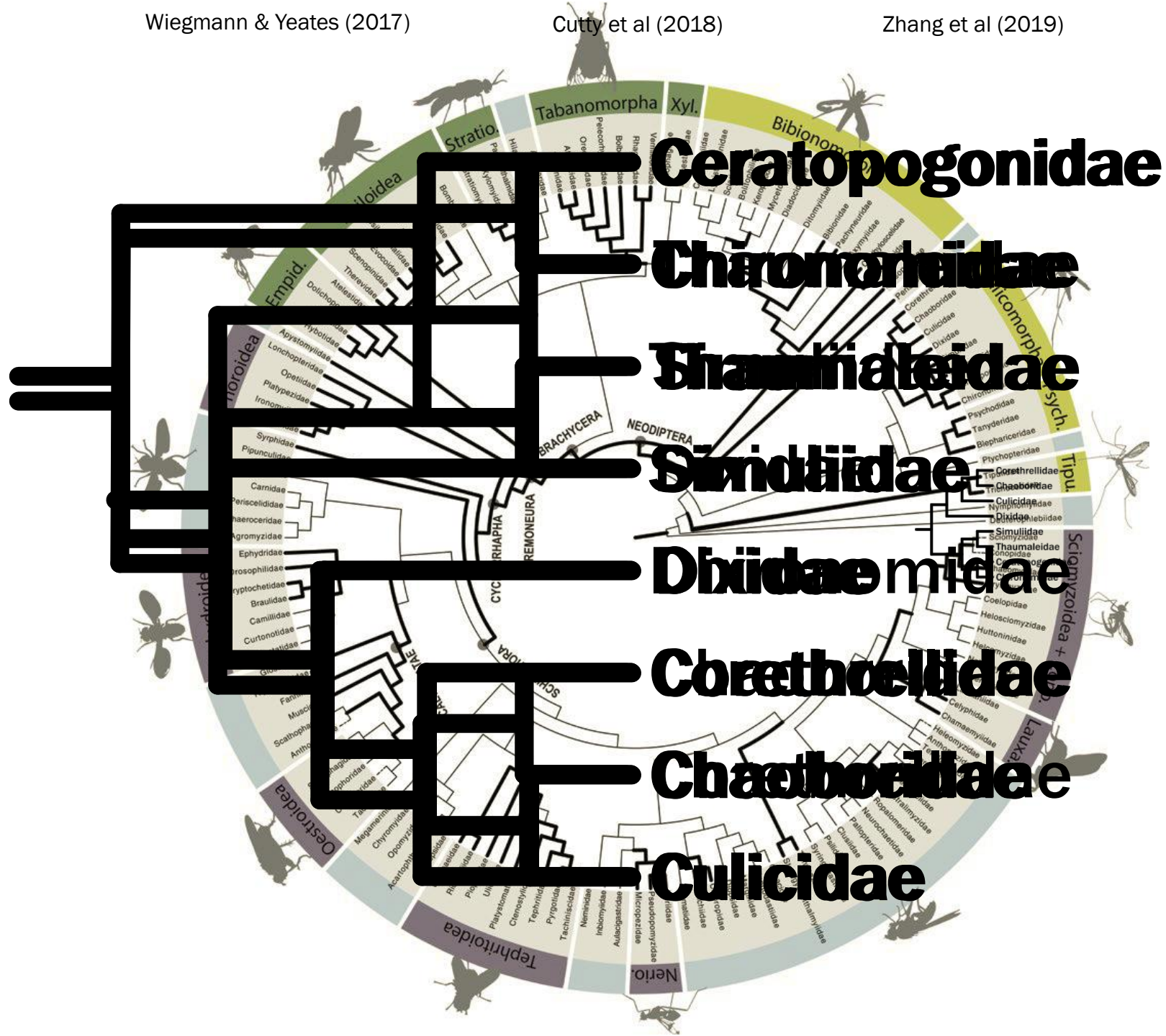
HOUSEFLY

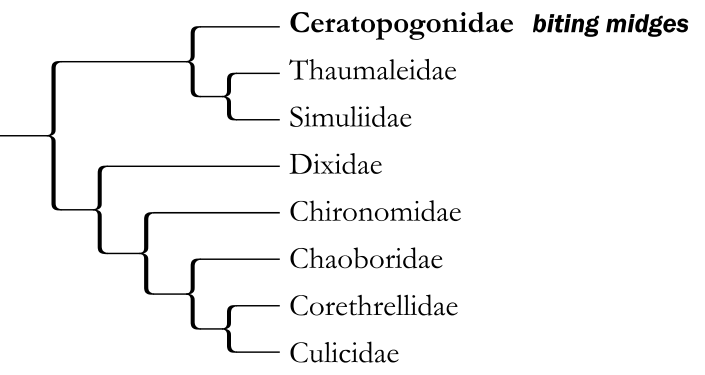


All of the Other

~~TRUE FLIES~~

MIDGES





Ceratopogonidae

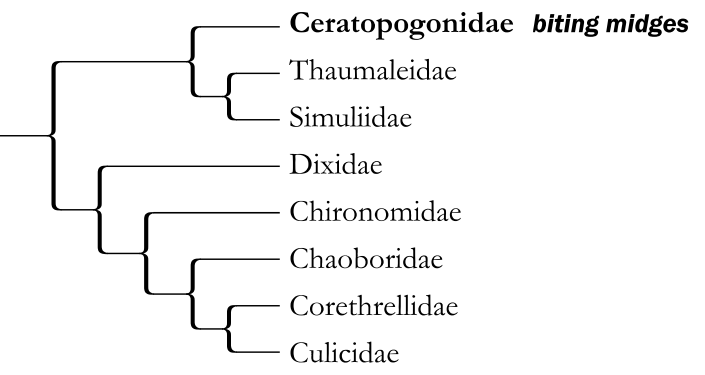
biting midges

keratos pordon
 (Greek) (Greek)

Refers to the males' beardlike antennae



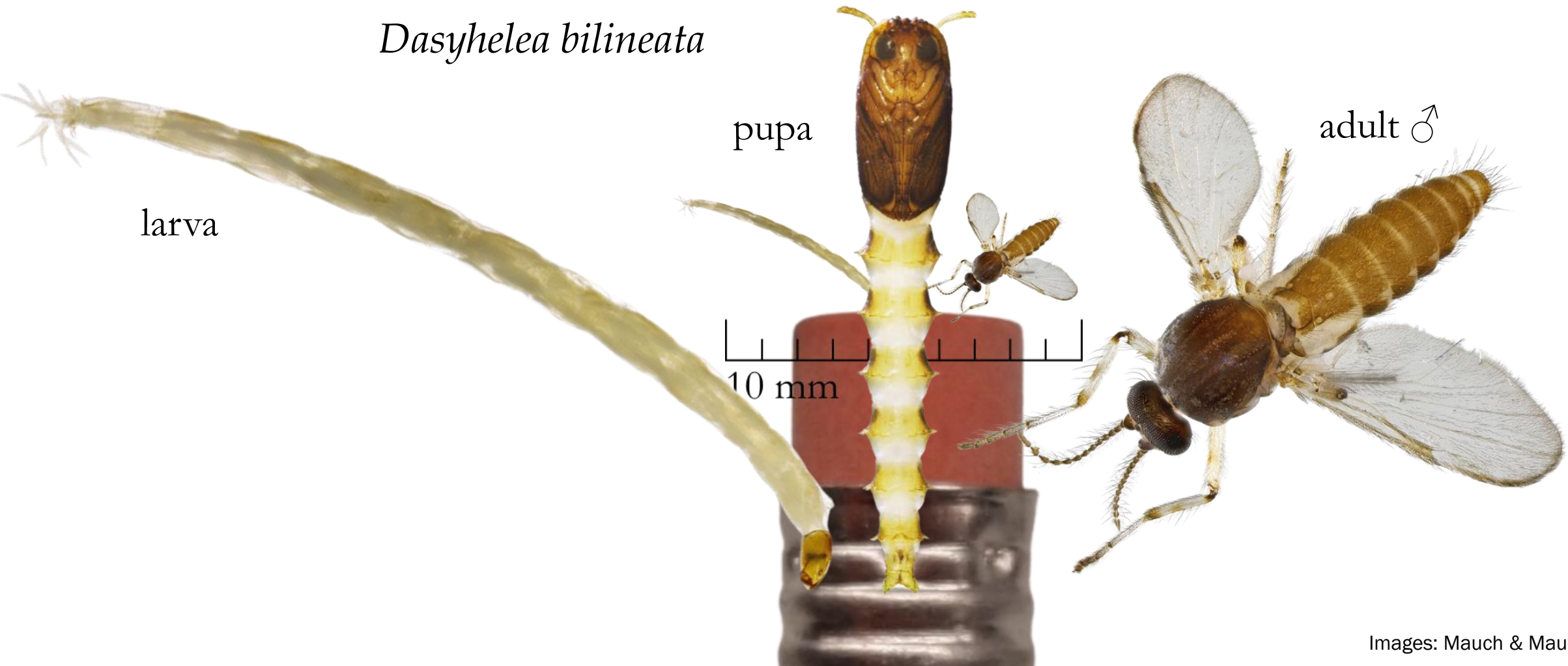
Image: Salvador Vitanza

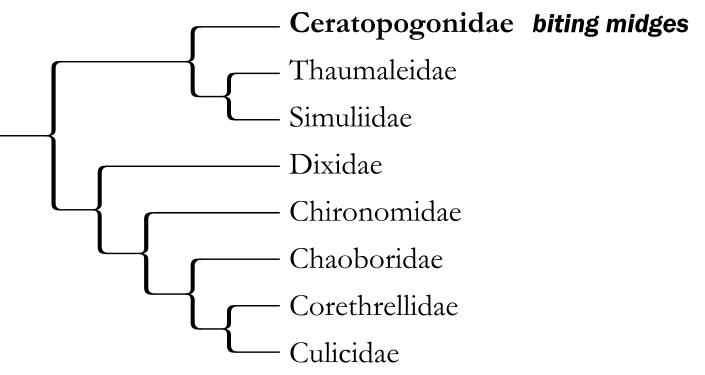


Ceratopogonidae

biting midges

Dasyhelea bilineata

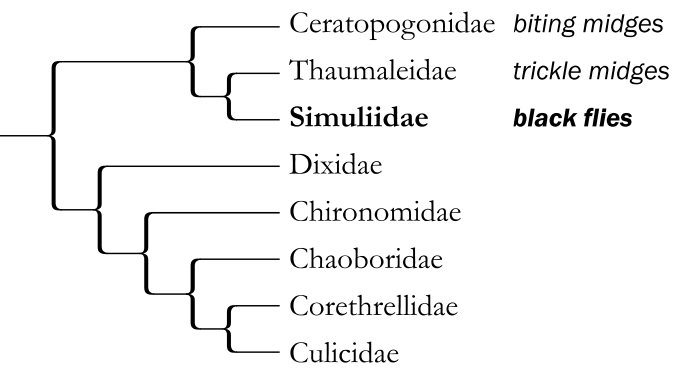




Ceratopogonidae

biting midges





Thaumaleidae

trickle midges

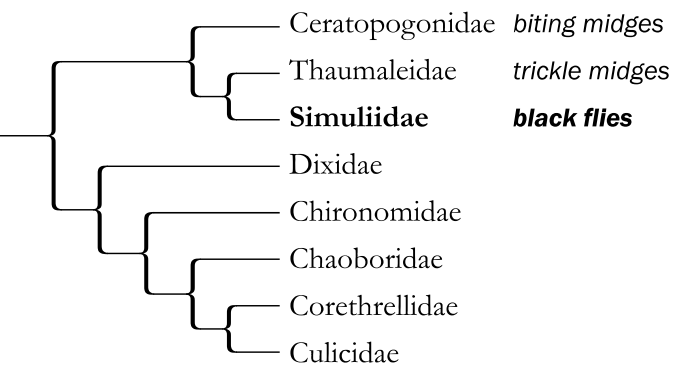
~~wandering~~

(Greek)

Not sure what this refers to exactly
— they're pretty bland looking



Thaumalea testacea



Thaumaleidae

trickle midges

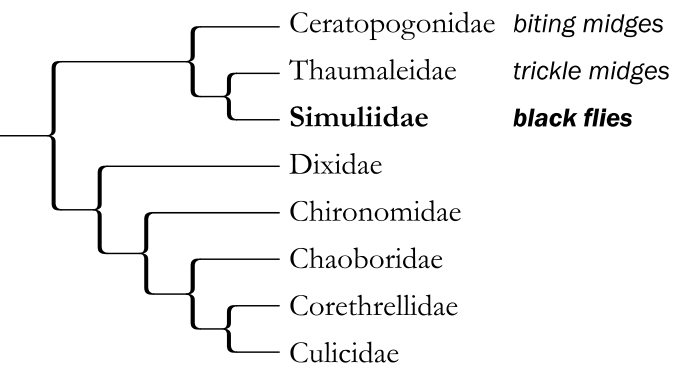
Neothaumalea atlantica pupa

Androprosopa sp adult



Androprosopa sp larva

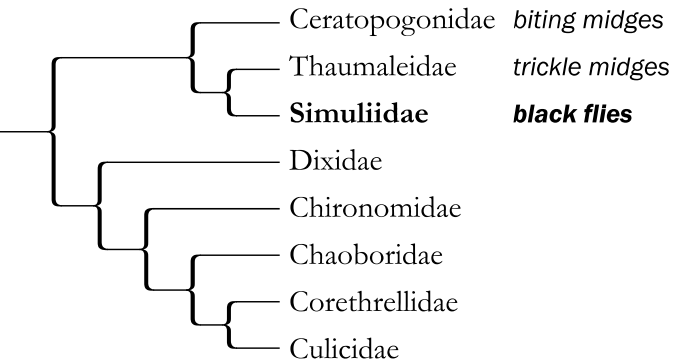




Thaumaleidae

trickle midges





Simuliidae

black flies

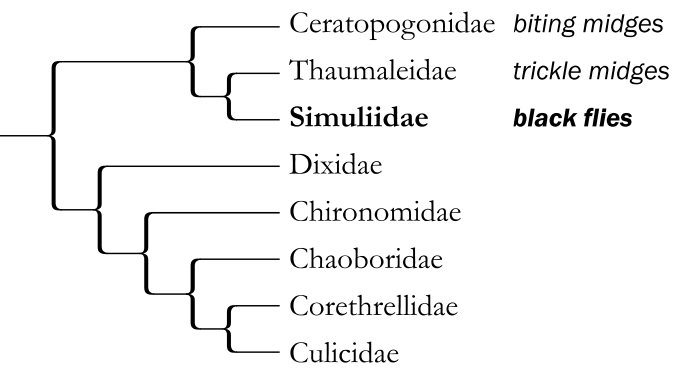
imitating

(Latin)

Most sources say “simulus” (like “simulation”) but I think “simus” for “snub-nosed” might actually be where this comes from...
look at his flat face!



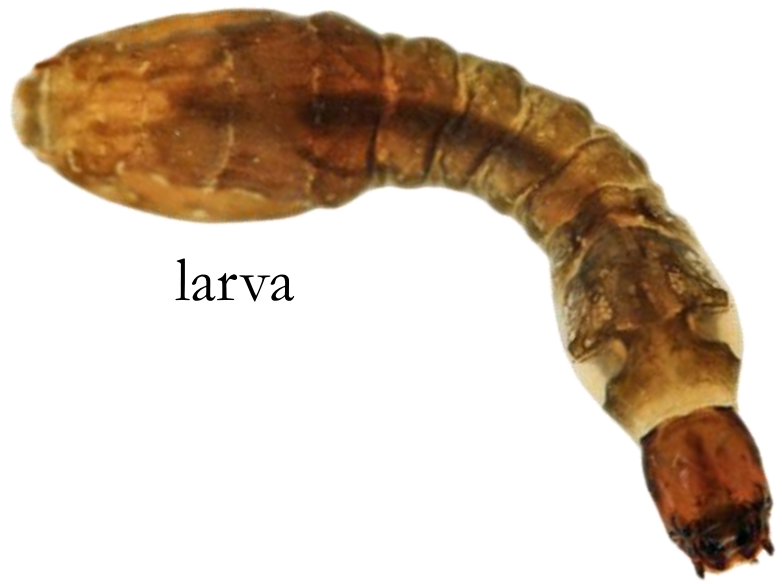
Simulium sp. ♂



Simuliidae

black flies

Prosimulium sp.



larva

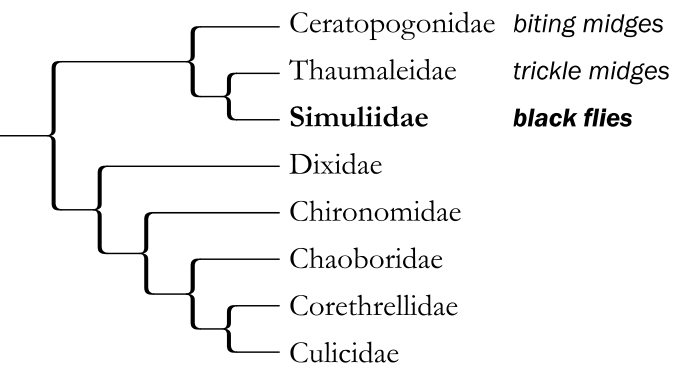


pupa



adult ♀



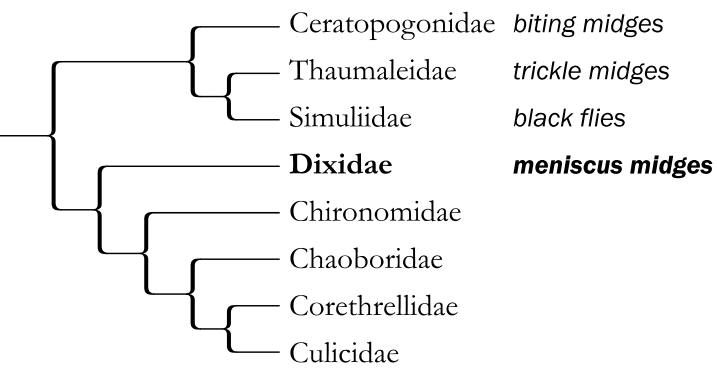


Simuliidae

black flies



Images: Jim Conrad, Sergey V. Aibulaton



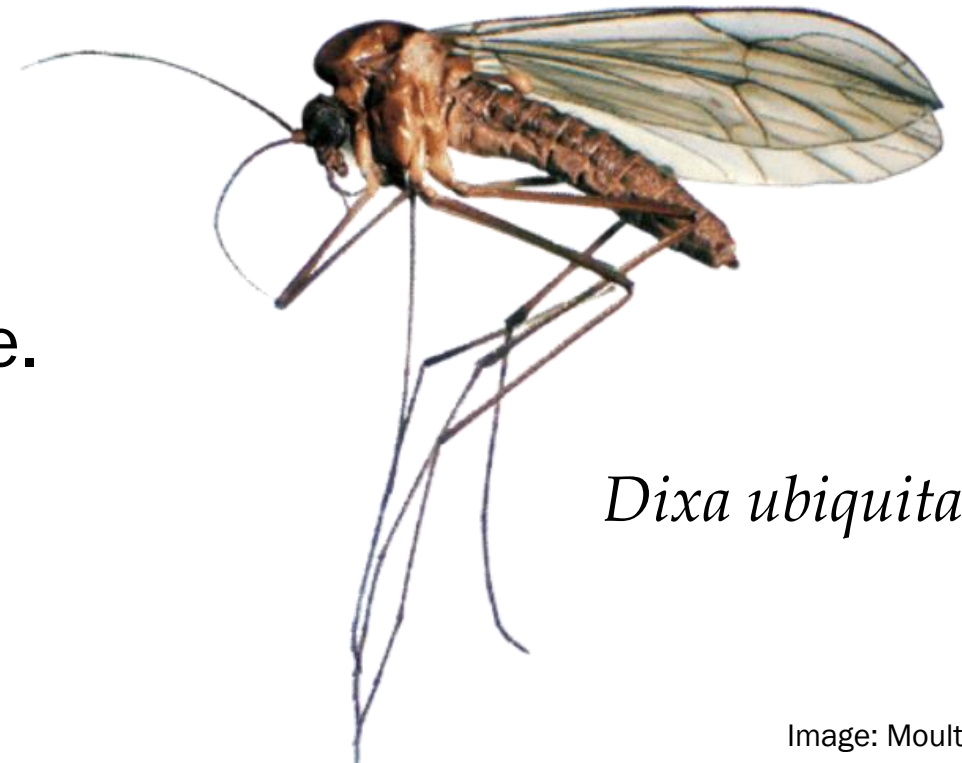
Dixidae

meniscus midges

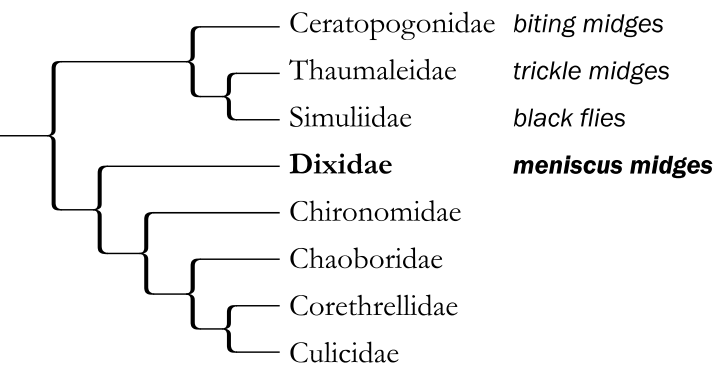
~~Διψα(ει)~~, apart

(Greek)

I have no idea what this means or if “dixa” is even the origin of the name.



Dixa ubiquita ♀



Dixidae

meniscus midges

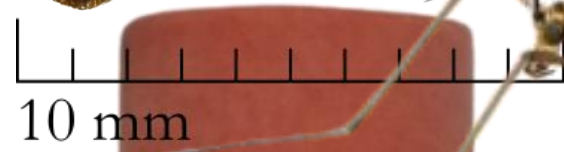
Dixella sp.

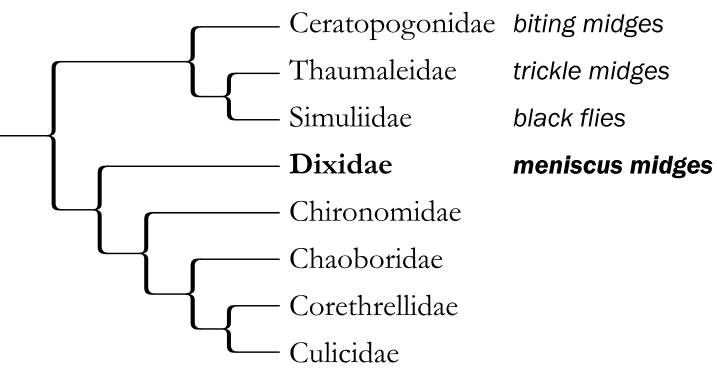


pupa



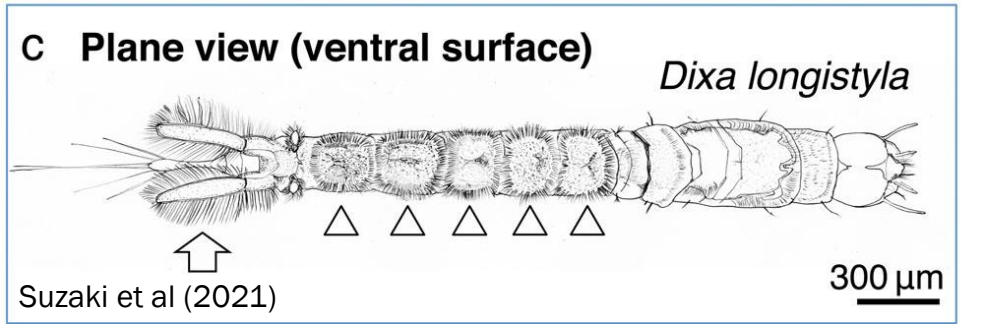
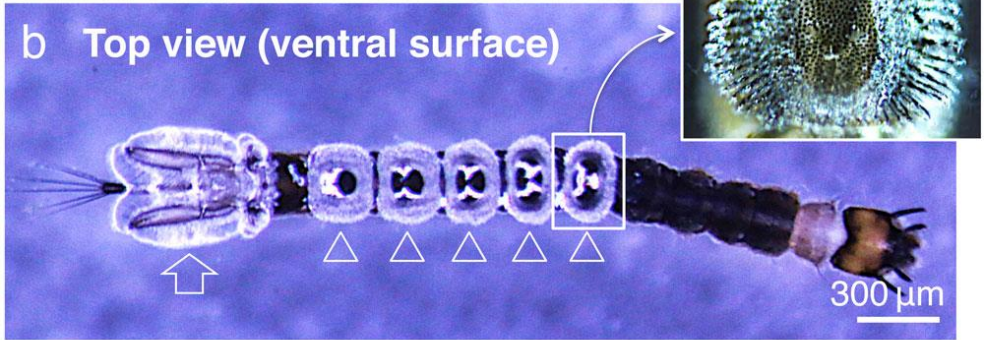
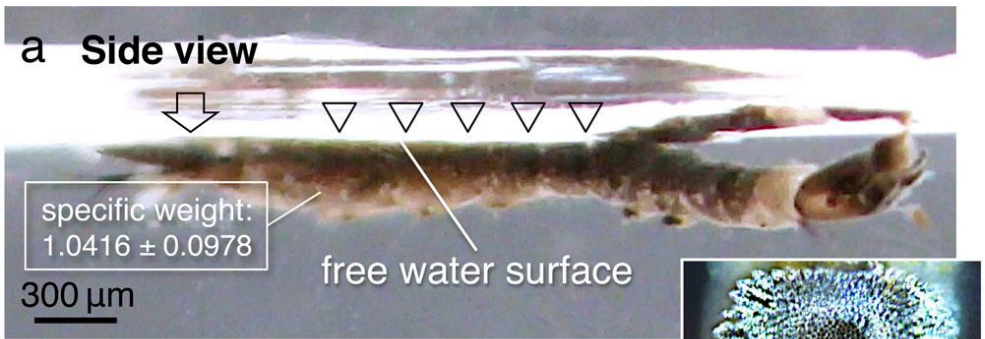
adult ♀

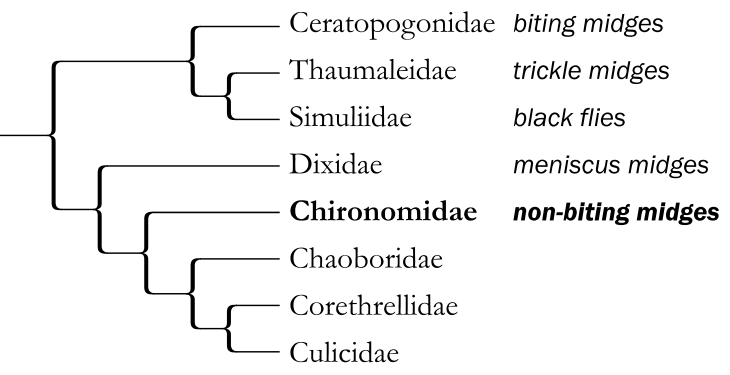




Dixidae

meniscus midges





Chironomidae

non-biting midges

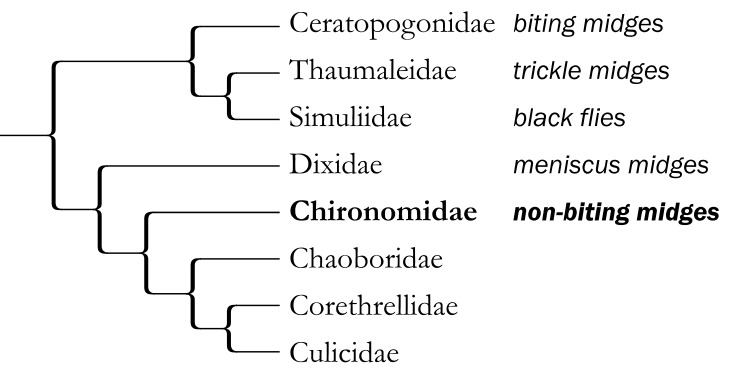
~~chironom~~ónomos

(Greek)

Literally “the one that moves the hands.”
 Refers to how they hold their front legs up
 all the time. Like little mimes! Very cute :)



Chironomus sp. ♀



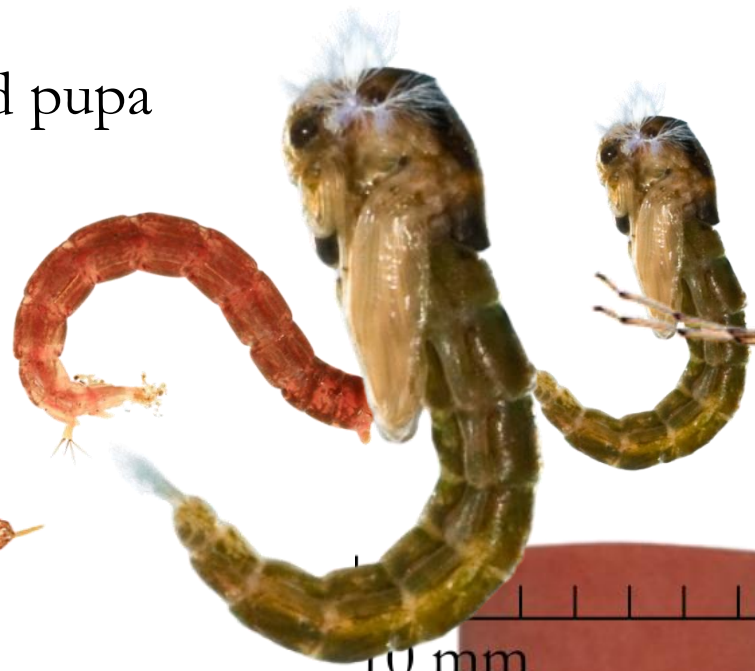
Chironomidae

non-biting midges

Chironomid pupa



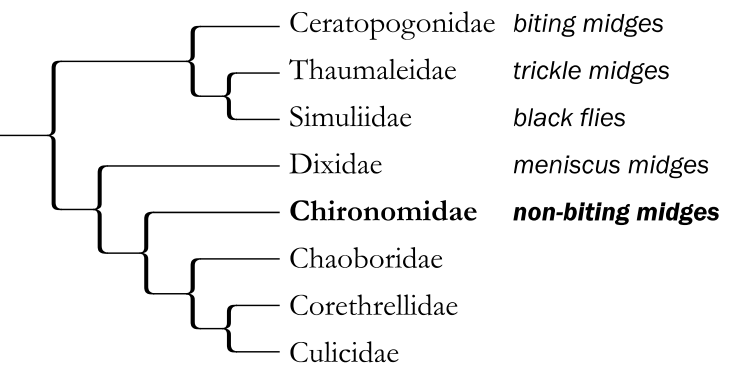
Clinotanypus larva



10 mm

Chironomus adult ♂





Chironomidae

non-biting midges



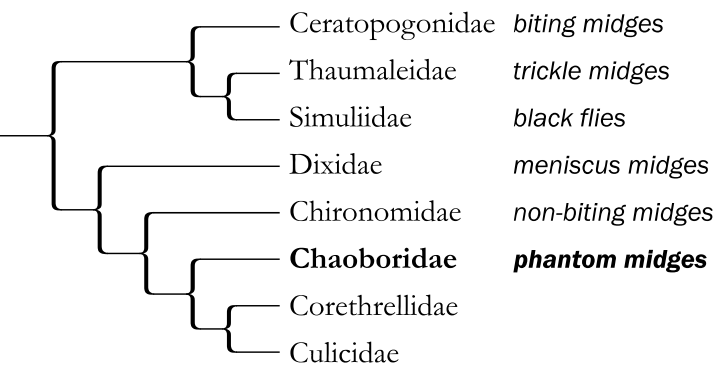
Chironomid pupa

Chironomus adult ♂



Video: CloseIntel @ YouTube)

Images: Tom Murray, Mike Lawson, Ken Childs



Chaoboridae

phantom midges

~~κλειός~~ *devouring* ~~ὄσος~~ *void*

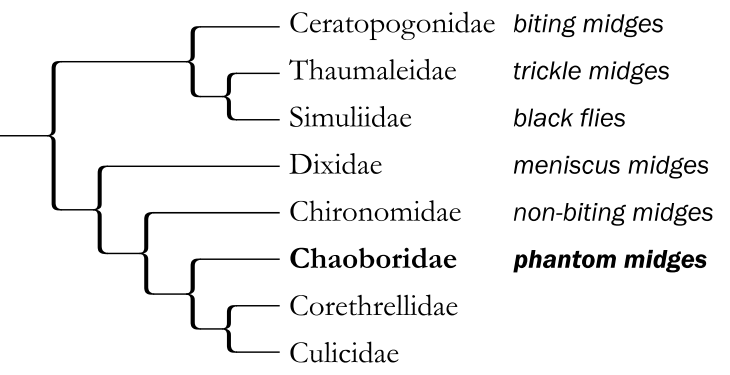
(Greek)

(Greek)

This is partially a guess but I think it makes sense...



Chaoborus crystallinus ♂



Chaoboridae

phantom midges

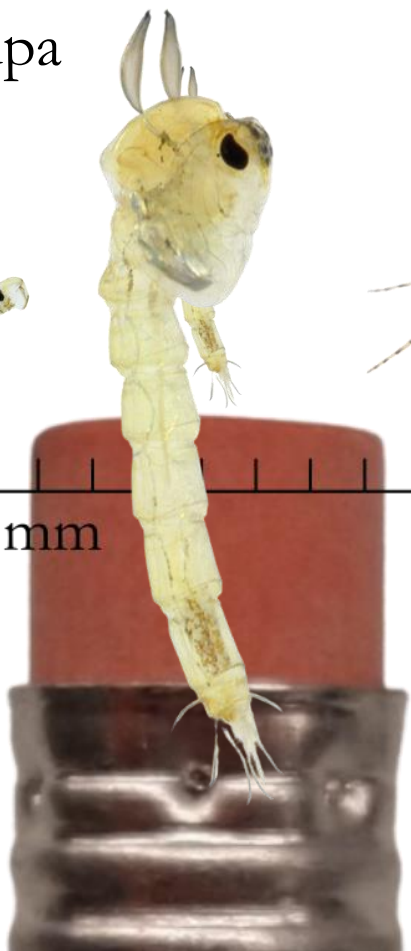
Chaoborus crystallinus



larva

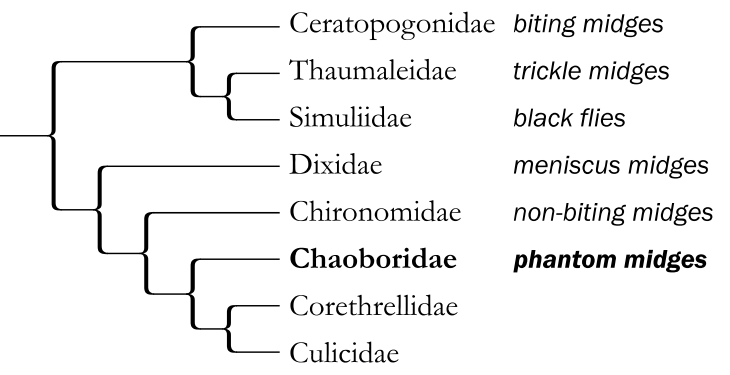


pupa



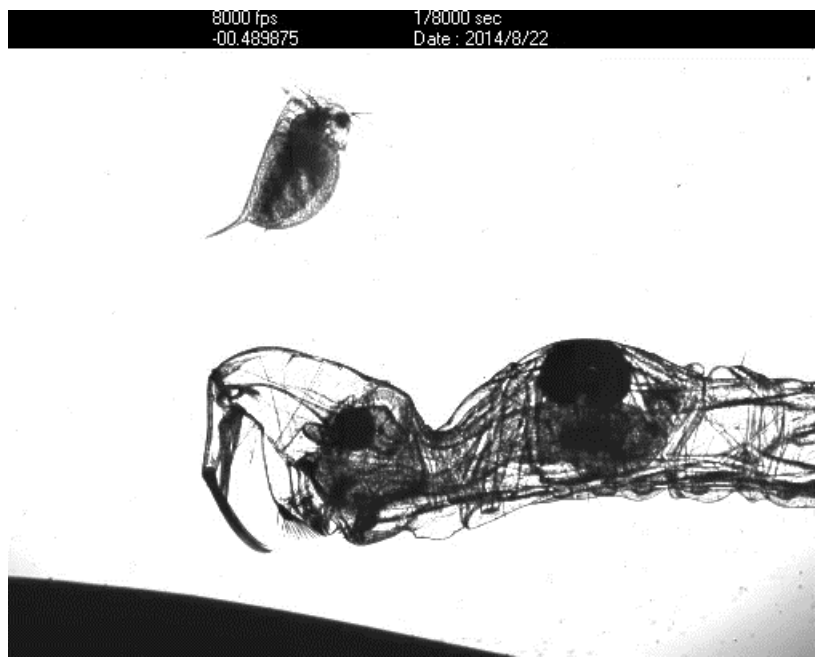
Chaoborus punctipennis
adult ♀





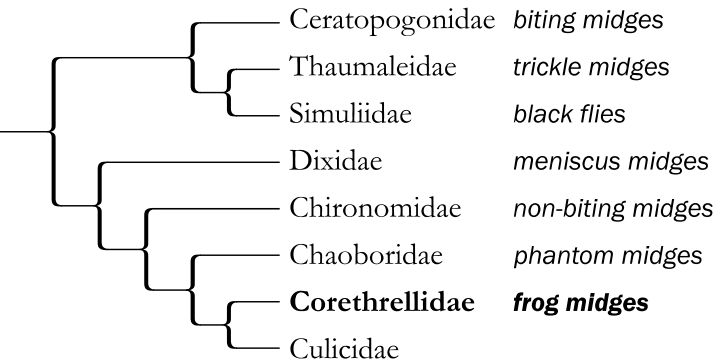
Chaoboridae

phantom midges



Chaoborus punctipennis
adult ♀





Corethrellidae

frog midges

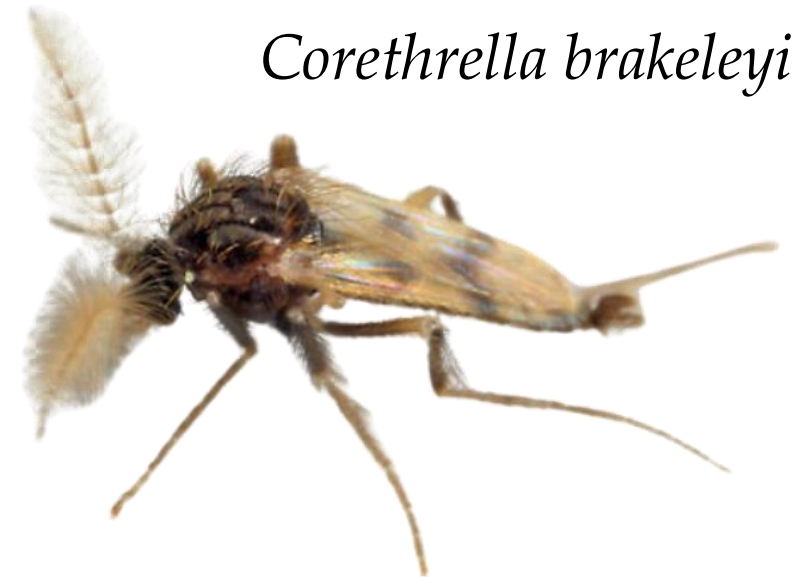
little broomella

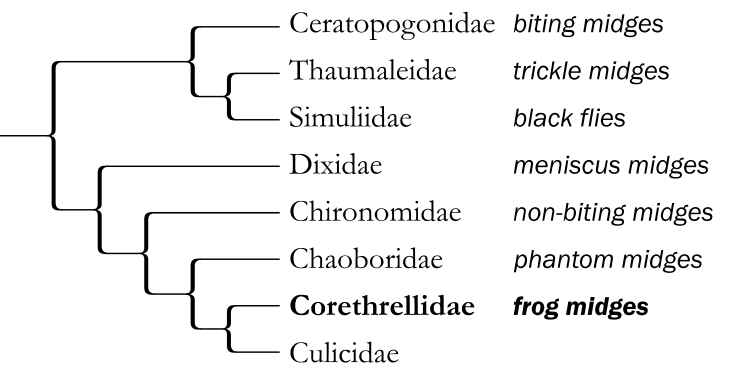
(Greek)

(Latin)

Probably refers to the male's brushy antennae

Corethrella brakeleyi ♂

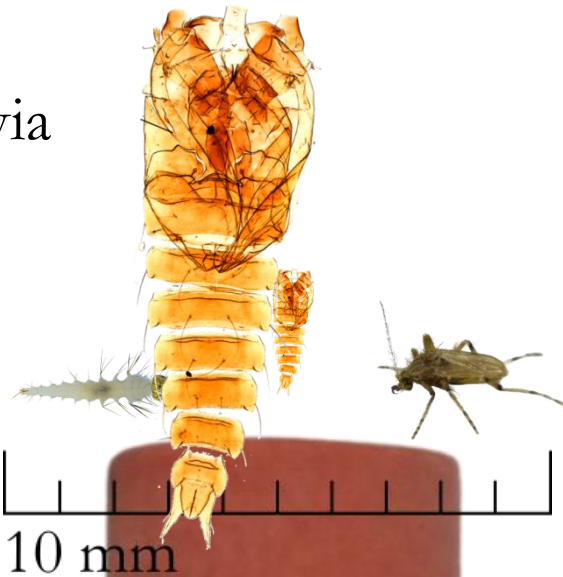




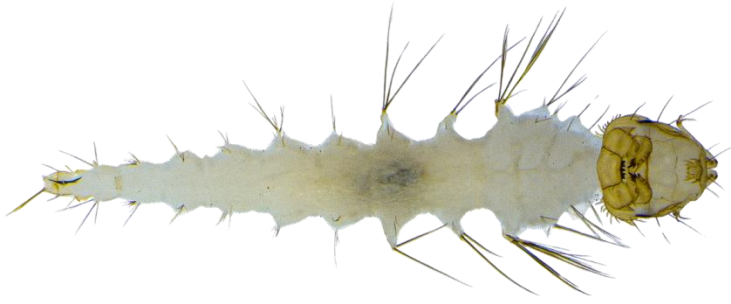
Corethrellidae

frog midges

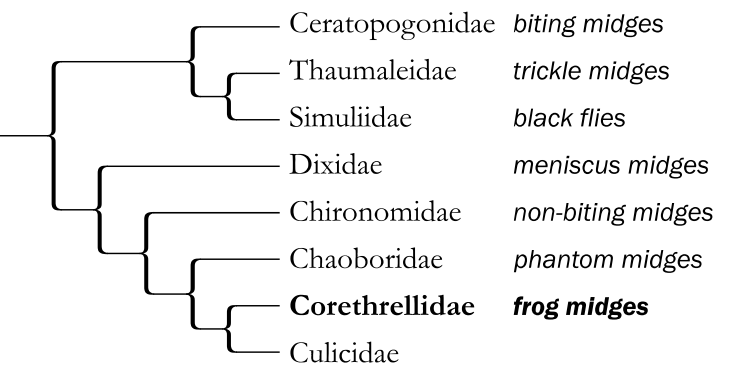
Corethrella davisi pupal exuvia



Corethrella brakeleyi
adult ♀

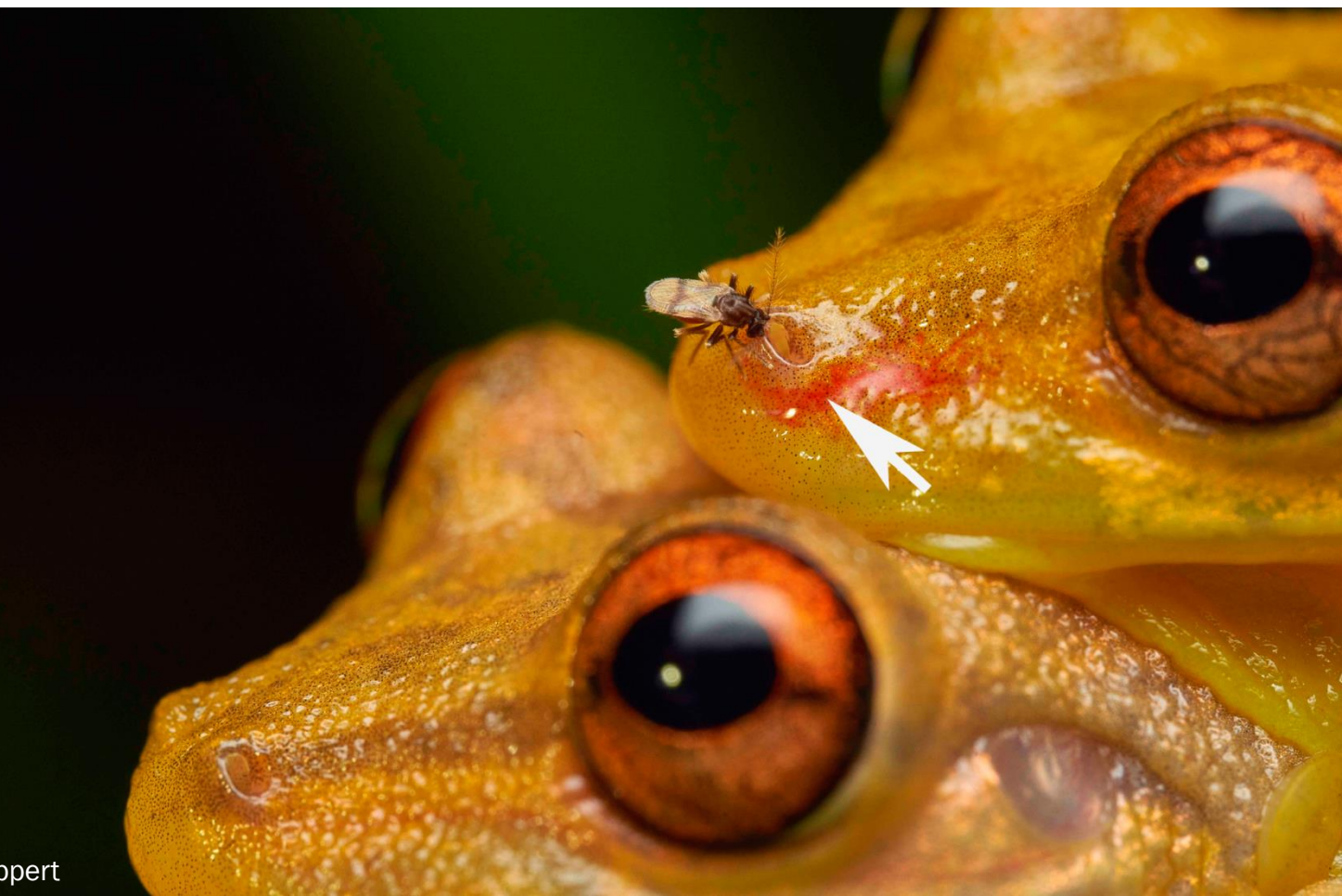


Corethrella kipferi
larva

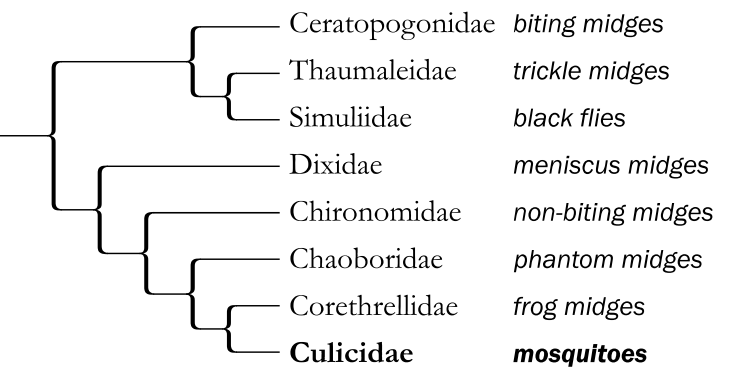


Corethrellidae

frog midges



Images: Hubert Szczygiel, A. Ruppert

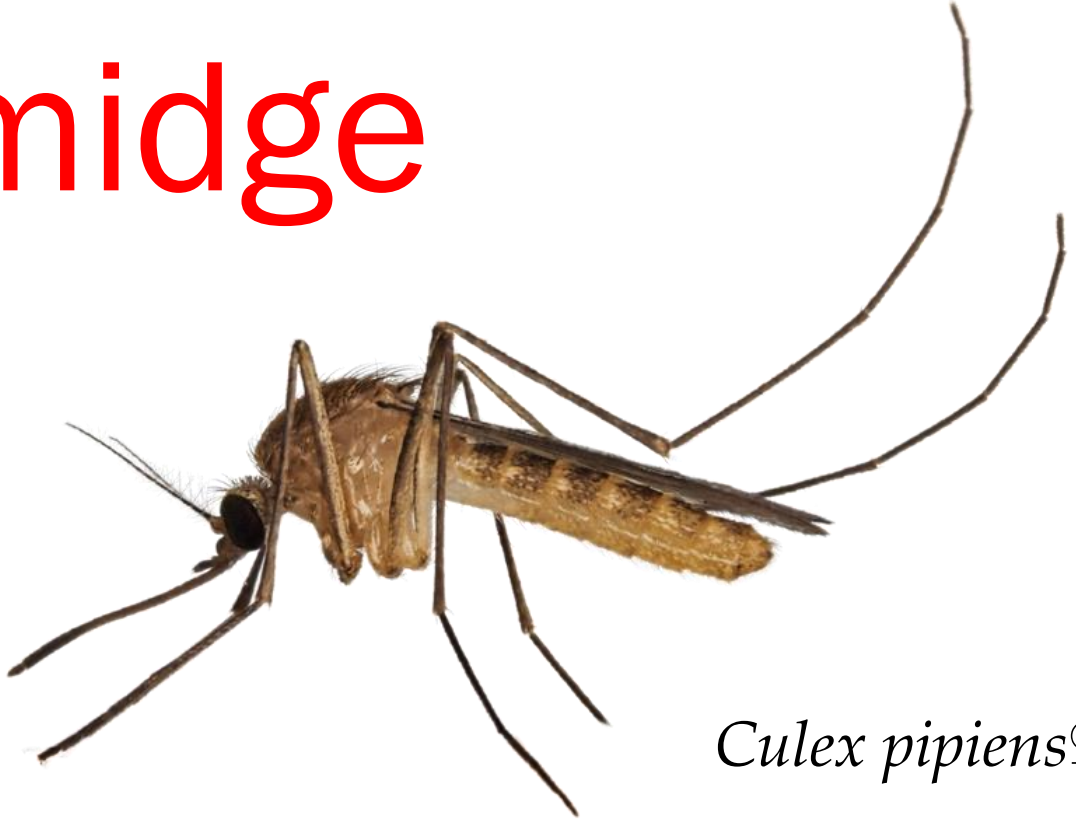


Culicidae

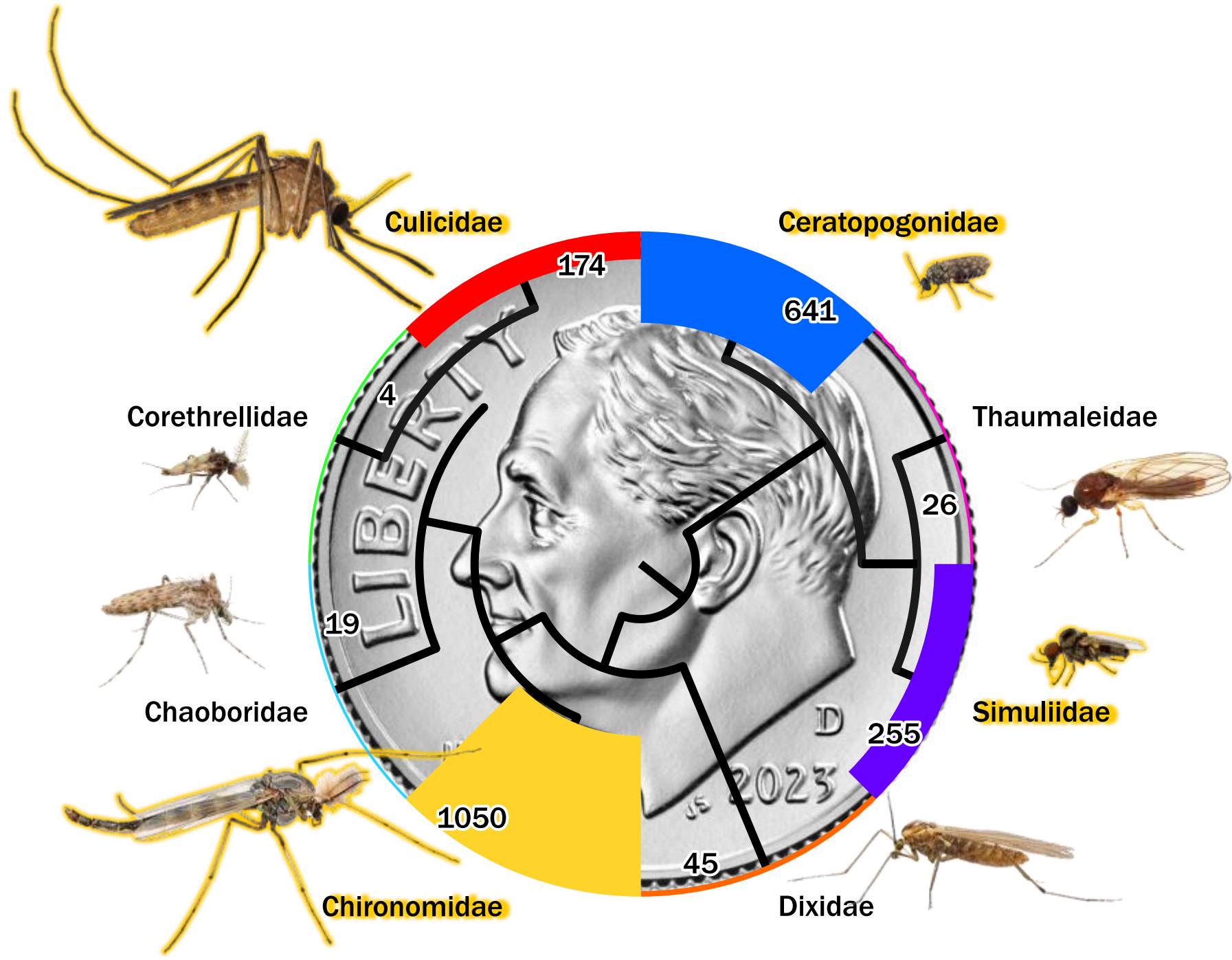
mosquitoes

~~gnat~~ **midge**
(Latin)

Just means “mosquito”.



Culex pipiens♀



AKA

no-see-ums

punkies (Northeast)

CERATOPOGONIDAE

five-toothed (Coastal)
pinyon gnats (Southwest)

BITING MIDGES
moose flies (Canada)

midgies (Scotland)

sand flies (incorrect)

“The Midges” by Kenneth McKellar (1987)

Video from “A Midge too Far” (Stephen J Reid @Youtube)

“The Secret Life of Midges” (BBC One)



Ochlerotatus annulipes(?)

Culicoides impunctatus

AKA

buffalo flies

turkey flies

“The Black Fly by Wade Hemisworth (1943)”
SIMULIIDAE

Video from “Black Fly Hatch / Swarm While Fishing”
BLACK FLIES
(Yvan de Blois @Youtube)

North American Black Fly Association



Welcome to the official website for the North American Black Fly Association (NABFA).

Here is where you will find:

- resources for North American and international black fly researchers and workers
- the latest NABFA news, including details about our annual meeting
- employment and graduate studies opportunities
- details about new projects, recent publications and ideas

Please direct questions / comments to:

Tadhgh Rainey, NABFA President

Telephone: 908-328-1421

Email: culiseta@hotmail.com





**“Dance of the Mayflies”* by Fini Henriques (1900)
performed by Jochen Bruschi**

video: “Midges by Camp Pond” by Alex Riley, June 2023

“Mayflies” was a typo but I didn’t have time to fix it because it’s hardcoded in the video! It’s “Dance of the Midges”!



Image: Gregory Shamus/Getty Images

A large flock of mosquitoes is shown flying against a sunset sky. The sky transitions from a deep blue at the top to a bright orange and yellow at the bottom. The mosquitoes are small, dark silhouettes scattered across the entire frame.

CULEXINAE

MOSQUITOES



“Mosquito” by The Doors (1977)