



Demodex Mites



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What is Demodex?

- The Demodex mite is an eight-legged (an arachnid) ectoparasite that can reside in our hair follicles and sebaceous glands.
- Of the 65 described Demodex species, only ***Demodex brevis*** and ***Demodex folliculorum*** are found on humans.
- Demodex is contracted and spread by either direct contact or dust containing eggs.

***Demodex
folliculorum***



***Demodex
brevis***



Demodex Brevis

- The adult *D. brevis* mite is about 0.2 mm long and tends to live inside the lash's sebaceous glands and in meibomian glands (type of gland in eyelids).
- It has been suggested that *D. brevis* can be associated with meibomian gland disease (photo) and subsequent tear lipid deficiency.



Demodex Folliculorum

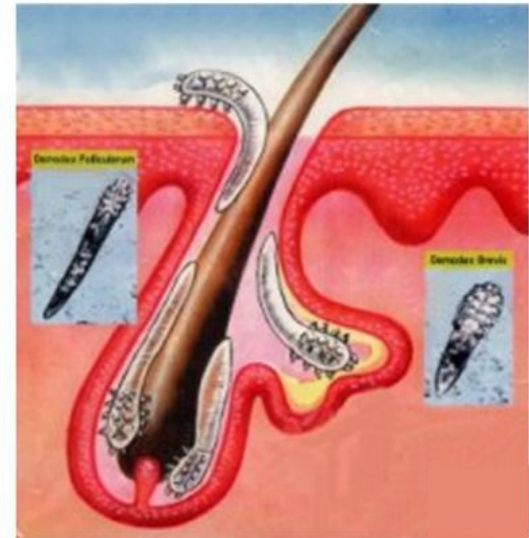
- Longer, at about 0.4 mm in length, and has a more slender, tapered body than *D. brevis*.
- Lives within the hair follicles on human skin, feeding on dead skin cells.



Demodex folliculorum

Demodex folliculorum

Железница угревая



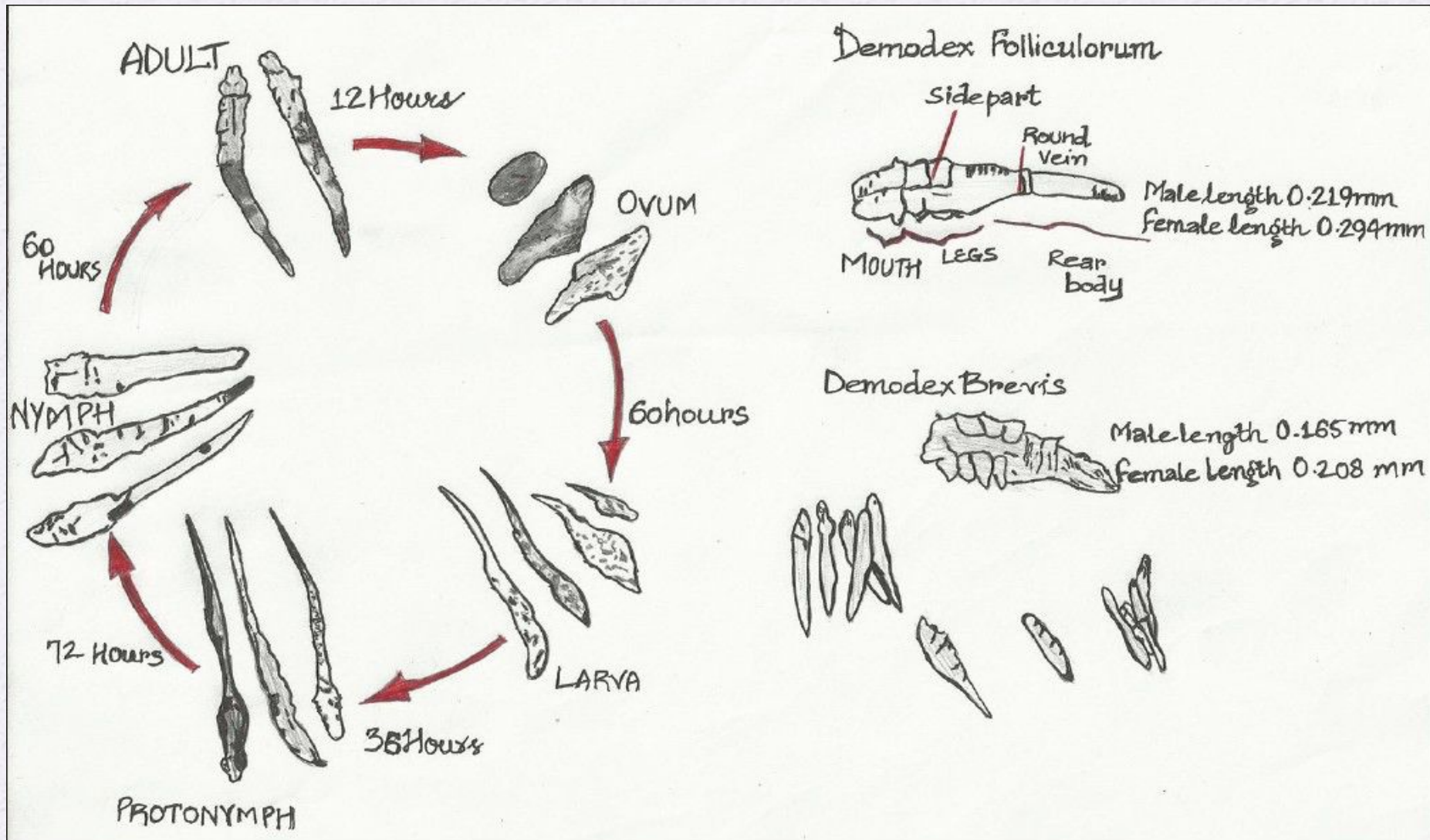
Yes, they are nasty :c



Life Cycle, Survival of Demodex

- The life cycle is usually 2 to 3 weeks.
- A female Demodex mite lays 15 to 20 eggs inside the hair follicle near the sebaceous glands.
- The eggs develop into larvae, which become an adult eight-legged mite.
- The adult male Demodex mite will leave the follicle in search of a mate, while the adult female mite remains in the follicle.
- The mites are capable of walking approximately 10 mm/h and tend to be more active in the dark.
- On dry skin, demodex does not live.

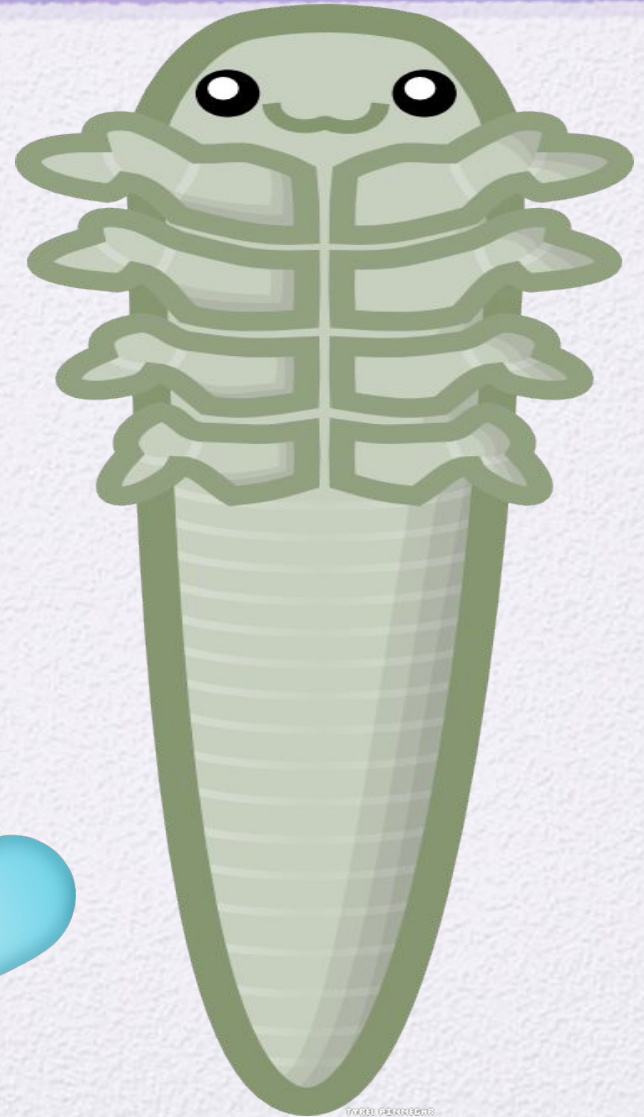
Life Cycle Map



Facts

- It's the myth that demodex is the cause of the appearance of acne.
- Demodex can live on healthy skin without causing acne. Moreover, demodex is found on the healthy skin of most people, especially on oily skin.
- And only under certain favorable conditions for the development of the demodex mite leads to the formation of acne and the development of demodicosis.

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- A decorative graphic featuring three hearts: two red hearts at the top and one light blue heart at the bottom right. A black swirl design is positioned on the left side of the graphic.



Symptoms

- Itchy skin
- Scaly skin
- Redness
- Increased skin sensitivity
- Burning sensation
- Skin that feels rough like sandpaper
- Eczema (dermatitis)

How It Looks on the Face







I'M NOT FINISH

- <https://youtu.be/Tbr3PMNrfbw>

How Do You treat Demodex?

- There are lots of medications and ways that can help you to prevent Demodex from spreading.
- Medical treatments are used when there is a large number of mites on your face. For *D. folliculorum* on the eyelashes, a medicated ointment may be used. This helps trap the mites and prevent them from laying their eggs in other hair follicles.

Medicine

- Creams, gels, and face washes with the following active ingredients may also help:
- benzyl benzoate
- salicylic acid
- selenium sulfide
- sulfur soap



Peace and Love :3

That's why ALWAYS WASH YOUR
HANDS AND DON'T EVEN DARE TO
TOUCH SOMEONE'S FACE!!!!

Thank You Very Much
For Listening

