

# Puppy Love

June 2018

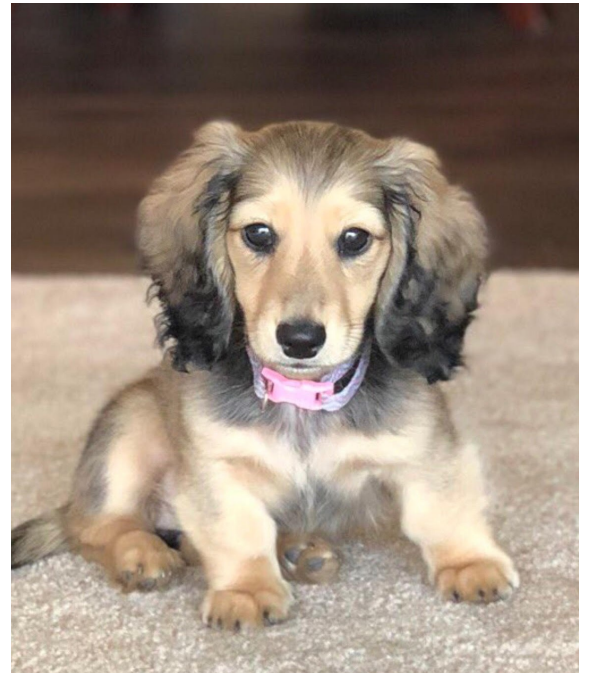
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## It's Hot, Very, Very Hot!

During the hot days of summer we perform tasks that make us sweat. Even a simple walk around the block can lead to a heavily moistened shirt. Our bodies have reactive sweat glands that help us cool down when we are overheated. Dogs sweat too, from the most unlikely of places, their paw pads. Paw pads are a specialized type of skin with a thick layer of fatty tissue that insulates the inner foot tissues from extreme heat. According to Catherine Carrier, a research specialist at Covance Laboratory, our little doxie's have "pampered feet" resulting in pads that are softer and more delicate than a normal paw. According to Carrier, paws exposed to a high surface temperature can result in injury and lead to a great deal of pain, "It's like walking on open blistered feet." But, sweating is only a small part of the process dogs use to cool themselves down in the heat, open mouth panting is more beneficial to lowering body temperature. In fact, compared to humans, dogs are not very efficient at all, which is why it is up to us to help our dogs stay comfortable, especially on hot days. In high heat conditions walk your dog in the grass and carry them over pavement and sand.



Harley is home in Pennsylvania being loved every day by her wonderful family.

*When I needed a  
hand, I found  
your paw.*



## Hot Asphalt Awareness

### AIR TEMP

77°

86°

87°

### ASPHALT TEMP

125°

135°

143°

**At 125°F, skin destruction can happen in 60 seconds!**

ADULT FEET  
PRODUCE A  
¼ OF A CUP  
OF SWEAT  
A DAY

