

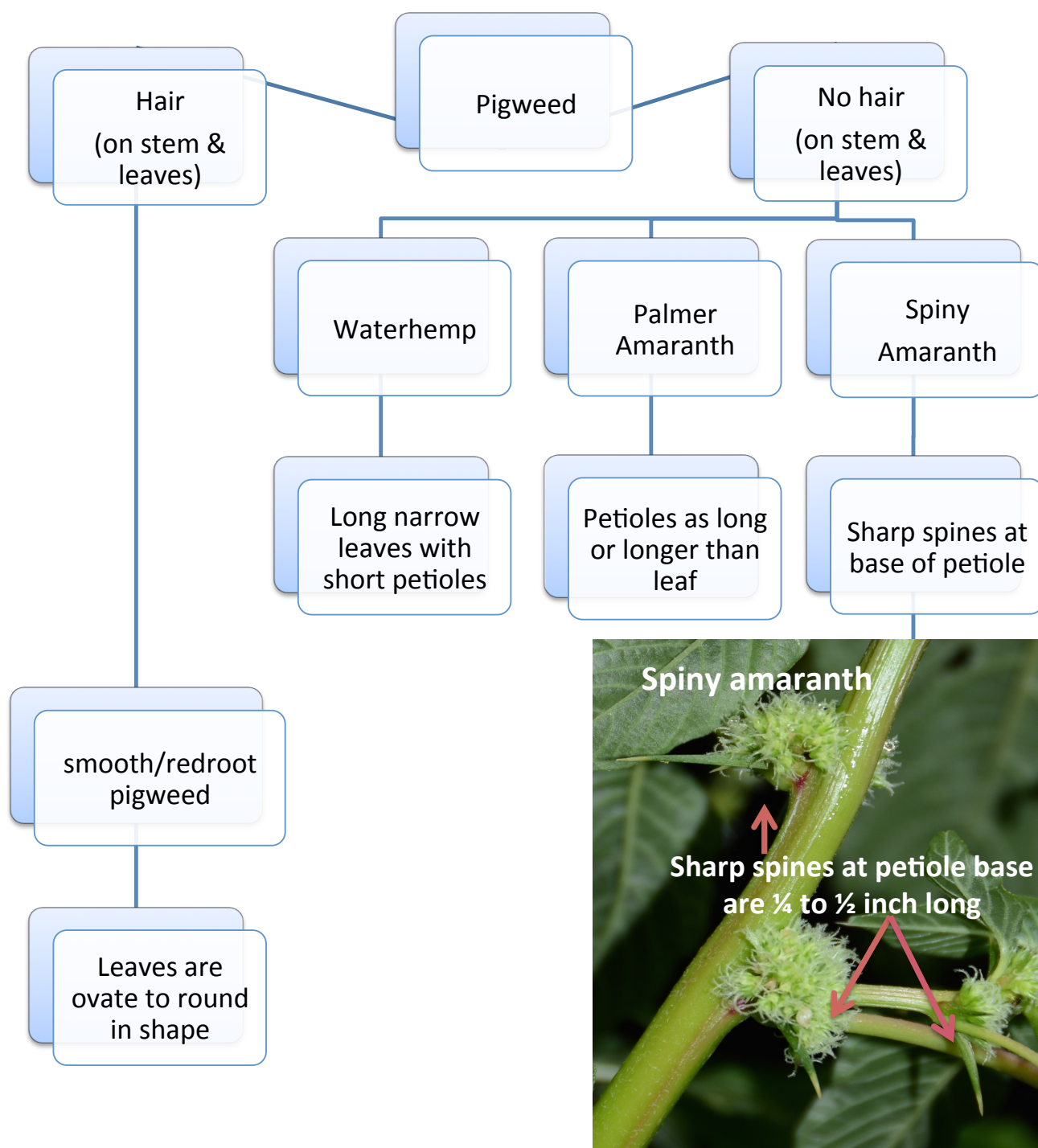


THE OHIO STATE UNIVERSITY

WEED SCIENCE



The spread of waterhemp and Palmer amaranth across Ohio is making correct identification of *Amaranthus* (pigweed) species more important. This publication provides tools to help with identification. Hybrids between these species can result in ambiguity, so we encourage you to contact OSU weed scientists for assistance if in doubt.



Palmer Amaranth

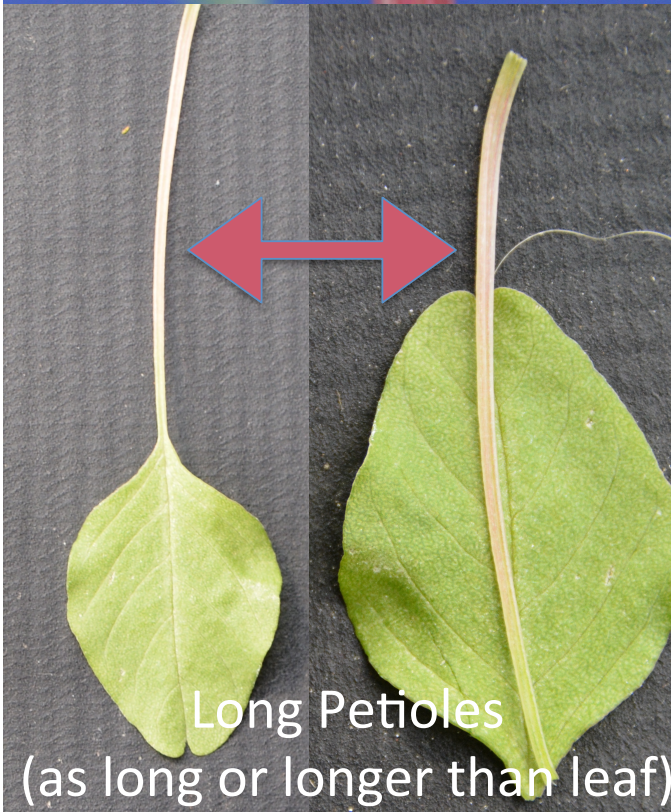
Amaranthus palmeri



No Hair on Leaves or Stems



Ovate to Diamond Leaves
(widest near the base)



Long Petioles
(as long or longer than leaf)



Spike Seedhead (very
rough to the touch on
female plants)

Waterhemp

Amaranthus rudis



No Hair on Leaves or Stems



Male Waterhemp



Female Waterhemp



Long lanceolate leaves



Waxy leaf surface

Smooth/redroot pigweed

Amaranthus hybridus/retroflexus



Fine hairs on stem especially towards newest growth



Round to oval leaves (widest near the middle)



Rough leaf surface



Redroot Pigweed



Smooth Pigweed

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