

Save the Stems

Many hollow or pithy plant stems and branches provide excellent places for cavity-nesting insects to call home. Small carpenter bees (Ceratina spp.) frequently carve out their nests in last year's dead raspberry (Rubus spp.) canes or wildflower stems, often only a few inches away from the blossoms that provide pollen to feed their young. Still tinier yellow-faced bees (Hylaeus spp.) use the hollow center of smaller stems, like bee balm (Monarda spp.) or roses (Rosa spp.), and larger leaf-cutter bees (Megachile spp.) prefer the larger stems of plants like native thistles (Cirsium spp.), cup plant (Silphium perfoliatum), or desert willow (Chilopsis

linearis). The biggest stem-nesting bees in North America, large carpenter bees (Xylocopa spp.), sometimes use the

pithy stems of large plants like yucca (Yucca spp.) and agave (Agave spp.) in regions where wood is uncommon or unavailable. Other common occupants of dead stems and twigs include cavity-nesting wasps, stem-boring moths, and even some spiders. In addition, some beneficial insects insert their eggs into the stems of wildflowers and grasses for safe keeping over the winter.

Learn more about how you can help provide nesting habitat for native bees at: xerces.org/pollinator-conservation/nesting-resources.

Print additional copies of this brochure at: xerces.org/publications/brochures/save-the-stems



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Acknowledgments

How to Create Habitat for Stem-Nesting Bees graphic provided by Colleen Satyshur, Elaine Evans, Heather Holm, and Sarah Foltz Jordan. Text above adapted from Nesting & Overwintering Habitat for Pollinators & Other Beneficial Insects by Sarah Foltz Jordan, Jennifer Hopwood, and Sara Morris of The Xerces Society for Invertebrate Conservation (available at: xerces. org/publications/fact-sheets/nesting-overwintering-habitat).

How to Create Habitat for **Stem-Nesting Bees**



WINTER Leave dead flower stalks intact over the winter

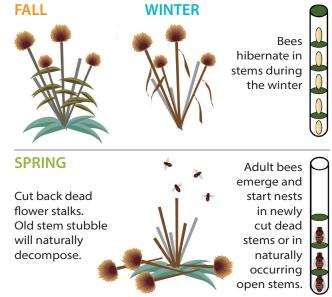


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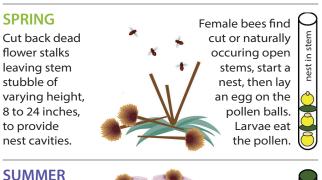
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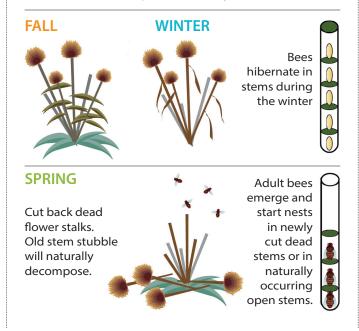
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New growth of the perennial hides the stem stubble.



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