

# 25 Facts about Wild Bees

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AUGOCHLOROPSIS  
METALLICA



25 FACTS ABOUT  
AMERICAN WILD BEES

1. NO HONEY

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HYLAEUS MODESTUS



25 FACTS ABOUT  
AMERICAN WILD BEES

2. MANY CANNOT  
STING YOU

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*XYLOCOPA VIRGINICA*

# 25 FACTS ABOUT AMERICAN WILD BEES



3. CARPENTER BEES: WORLDS LARGEST INSECT EGGS

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CERATINA BUSCKI

# 25 FACTS ABOUT AMERICAN WILD BEES

4. MALES: HAVE NO FATHER, BUT HAVE A GRANDFATHER

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COWKILLER (A WASP)

# 25 FACTS ABOUT AMERICAN WILD BEES

5. STING: SMOOTH,  
NOT BARBED

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TRIEPEOLUS DISTINCTUS

# 25 FACTS ABOUT AMERICAN WILD BEES



#6. 10% OF OUR 4000 SPECIES HAVE  
NOT BEEN GIVEN NAMES

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MELISSODES DENTIVENTRIS

# 25 FACTS ABOUT AMERICAN WILD BEES



**#7. IN THE GROUND: WHERE  
THE VAST MAJORITY NEST**

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EPEOLUS AUSTRALIS  
ANGEL BEE

# 25 FACTS ABOUT AMERICAN WILD BEES



#8. STRICTLY SPEAKING: BEES ARE WASPS...  
**VEGETARIAN WASPS**

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NOMADA  
AUSTRALIS

# 25 FACTS ABOUT AMERICAN WILD BEES



**#9. 20% GATHER NO POLLEN:  
THEY SNEAK THEIR EGGS INTO OTHER BEE'S NESTS**

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MEGACHILE  
SCULPTURALIS

# 25 FACTS ABOUT AMERICAN WILD BEES



**#10. ONLY 1% ARE  
NOT NATIVE - FOR NOW**

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ANTHOPHORA  
VILLOSULA

# 25 FACTS ABOUT AMERICAN WILD BEES

#11. MALES  
DO NOT  
HELP

FEMALES.....EVER

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# 25 FACTS ABOUT AMERICAN WILD BEES

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## #12. WING

INTERFERENCE PATTERNS  
(LOOK IT UP PILGRIM)

GERANIUM  
MACULATUM  
ANDRENA DISTANS

# 25 FACTS ABOUT AMERICAN WILD BEES

**#13. #POLLEN  
COLLECTING**  
SPECIES THAT SPECIALIZE  
ON ONLY 1 FAMILY OF  
PLANTS = 35-50%

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**OSMIA  
DISTINCTA**

**25 FACTS ABOUT  
AMERICAN WILD  
BEES**

**#14. BEE CONSERVATION = NATIVE PLANT  
CONSERVATION = SAVING  
NATURAL AREAS**

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APIS MELLIFERA  
HONEY BEE

# 25 FACTS ABOUT AMERICAN WILD BEES



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#15. IF HONEY BEES ARE ALL YOU KNOW; THEN YOU  
KNOW LITTLE ABOUT OUR WILD BEES



SVASTRA  
OBLIQUA

25 FACTS ABOUT  
AMERICAN WILD  
BEES



#16. MOST FEMALES  
**ARE SINGLE**  
MOMS WHO SEAL  
THEIR CHILDREN IN CELLS  
AND NEVER RETURN

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HABROPODA EXCELLENS,  
JEWELWEED, BLUEBELLS, BLOODROOT



# 25 FACTS ABOUT AMERICAN WILD BEES



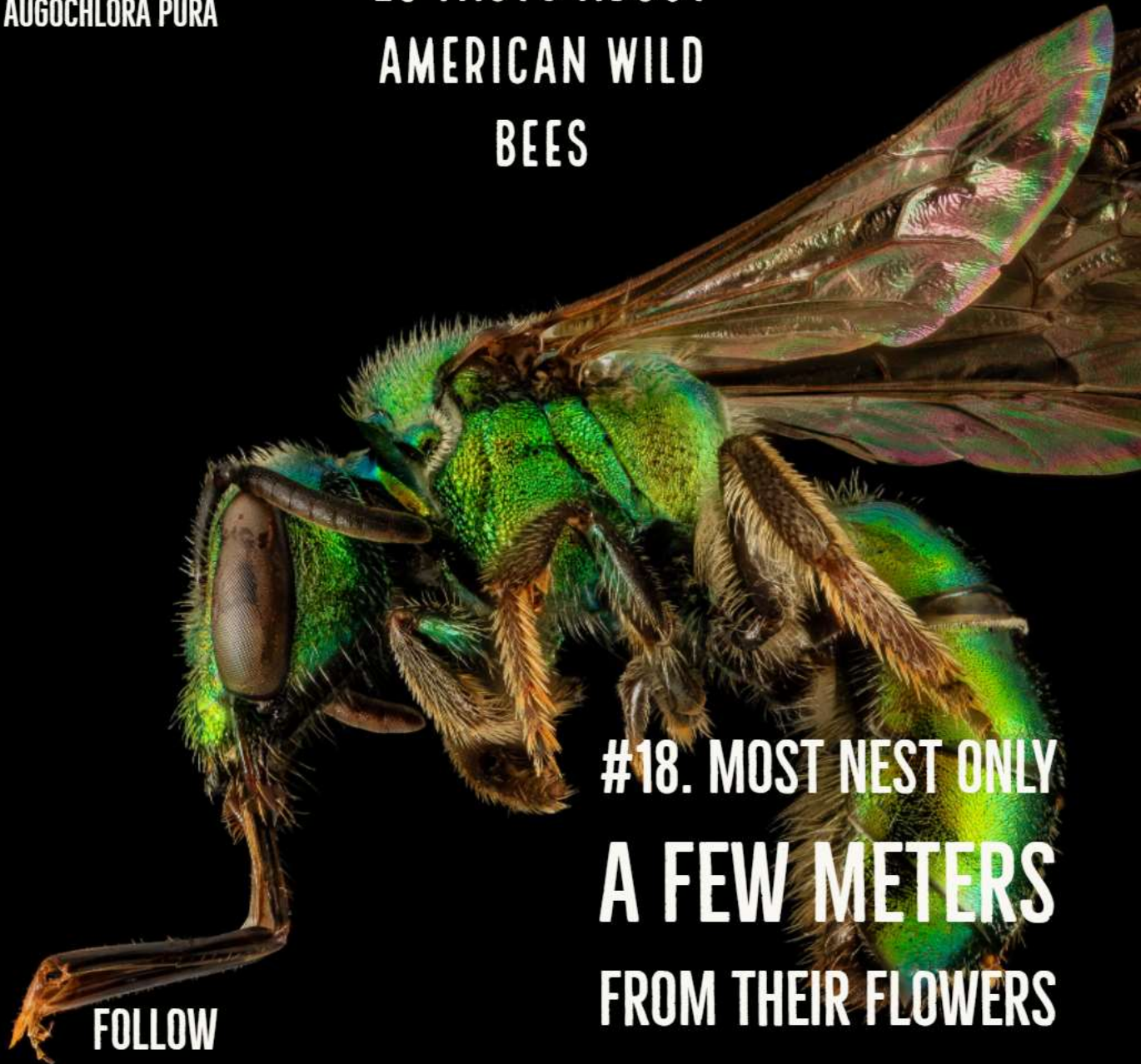
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#17. THE FLORAL INDUSTRY MAKES  
TRILLIONS; BUT HAS  
NEVER PAID BEES A CENT FOR  
DESIGNING THEIR ORIGINAL MODELS: SAD

AUGOCHLORA PURA

# 25 FACTS ABOUT AMERICAN WILD BEES



#18. MOST NEST ONLY  
A FEW METERS  
FROM THEIR FLOWERS

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MEGACHILE PUGNATA

# 25 FACTS ABOUT AMERICAN WILD BEES



## #19. WEEDS

FEED WEEDY BEES. ONLY

NATIVE PLANTS SUPPORT ALL BEES

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**BOMBUS AFFINIS**

**25 FACTS ABOUT  
AMERICAN WILD  
BEES**



**#20. THERE IS  
ONLY 1 ENDANGERED  
BEE (IN THE LOWER 48)**

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**HYLAEUS VOLATILIS**

# **25 FACTS ABOUT AMERICAN WILD BEES**

**#20. 13 POSSIBLY EXTINCT; 7  
ENDANGERED; 16 VERY  
RARE; 27 SAFE (FOR NOW) =  
HAWAIIAN BEES**

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MEGACHILE PRUINA

# 25 FACTS ABOUT AMERICAN WILD BEES



**#22. LIFE OF SOLITARY**

**BEES III FLYING:**

**5 WEEKS III WAITING**

**IN NEST: 10 MONTHS**

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PROTOXAEA GLORIOSA

# 25 FACTS ABOUT AMERICAN WILD BEES



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**#23. QUESTION LAWNS. A HANDFUL OF**

FLOWERS IS ENOUGH TO CREATE ONE BABY BEE |||| MORE FLOWERS = MORE BEES



# 25 FACTS ABOUT AMERICAN WILD BEES

NOMIA MANEET



**#24. IF HONEY BEES DISAPPEAR,  
CAN WILD BEES POLLINATE  
OUR FRUITS AND VEGETABLES?**

||| IN MOST CASES THE ANSWER IS ... YES

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CALLIOPSIS  
NEBRASKENSIS

# 25 FACTS ABOUT AMERICAN WILD BEES

**#25. LISTEN  
TO THE SONGLINES  
OF BEES, KEEPING TIME  
WITH THE BEAT OF PLANTS.  
FAINT, FAINT, DO YOU HEAR IT?**

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