

```
print('-----')
print(img_pred[0][0]+'\\n')
img_pred[0][2].show(figsize=(5, 5))
print(img_pred[0][1].to_string(index=False))
print('-----')
```

 Categoria: catterpillar

Classe	Probabilidade
catterpillar	98.576%
beetle	0.915%
butterfly	0.126%
cicadomorpha-bug	0.056%
sports	0.041%
flies	0.040%
wasp	0.030%
bee	0.028%
ant	0.027%
termites	0.021%
animal	0.018%
thrips	0.016%
stink-shield-bug	0.015%
crickets	0.012%
vehicle	0.010%
plant-bug	0.009%
person	0.009%
dragonfly	0.007%
lacewing	0.007%
assassin	0.006%
outdoor	0.006%
food	0.005%
accessory	0.004%
planthopper-bug	0.003%
seed-bug	0.003%
kitchen	0.002%
indoor	0.002%
electronic	0.002%
bed-bug	0.002%
leaf-footed-squash-bug	0.001%
furniture	0.001%
cockroach	0.001%
appliance	0.001%



In [60]:

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print('-----')
print(img_pred[1][0]+'\\n')
img_pred[1][2].show(figsize=(5, 5))
print(img_pred[1][1].to_string(index=False))
print('-----')

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Categoria: beetle

	Classe	Probabilidade
	beetle	79.163%
stink-shield-bug		6.396%
wasp		2.216%
crickets		1.886%
plant-bug		1.870%
seed-bug		1.453%
butterfly		1.363%
flies		0.979%
catterpillar		0.864%
leaf-footed-squash-bug		0.616%
cockroach		0.540%
bed-bug		0.287%
bee		0.225%
cicadomorpha-bug		0.214%
termites		0.213%
ant		0.209%
assassin		0.200%
person		0.198%
lacewing		0.143%
sports		0.129%
vehicle		0.123%
kitchen		0.109%
food		0.104%
accessory		0.099%
furniture		0.092%
outdoor		0.061%
electronic		0.054%
planthopper-bug		0.052%
animal		0.037%
appliance		0.037%
indoor		0.028%
dragonfly		0.022%
thrips		0.017%



In [61]:

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print('-----')
print(img_pred[2][0]+'\\n')
img_pred[2][2].show(figsize=(5, 5))
print(img_pred[2][1].to_string(index=False))
print('-----')

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Categoria: flies

Classe	Probabilidade
flies	85.363%
wasp	6.205%
beetle	2.069%
dragonfly	1.012%
bee	0.856%
thrips	0.663%
cicadomorpha-bug	0.550%
termites	0.513%
person	0.384%
butterfly	0.291%
sports	0.258%
ant	0.254%
catterpillar	0.220%
kitchen	0.148%
cockroach	0.135%
electronic	0.132%
accessory	0.122%
food	0.106%
lacewing	0.103%
furniture	0.092%
appliance	0.087%
outdoor	0.085%
vehicle	0.075%
indoor	0.071%
crickets	0.060%
plant-bug	0.060%
animal	0.027%
planthopper-bug	0.018%
bed-bug	0.016%
assassin	0.009%
seed-bug	0.008%
stink-shield-bug	0.006%
leaf-footed-squash-bug	0.001%



In [63]:

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print('-----')
print(img_pred[4][0]+'\\n')
img_pred[4][2].show(figsize=(5, 5))
print(img_pred[4][1].to_string(index=False))
print('-----')

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Categoria: dragonfly

Classe	Probabilidade
dragonfly	99.717%
lacewing	0.090%
flies	0.074%
wasp	0.054%
butterfly	0.016%
catterpillar	0.011%
beetle	0.009%
sports	0.005%
assassin	0.004%
person	0.003%
crickets	0.003%
thrips	0.002%
ant	0.002%
termites	0.001%
indoor	0.001%
vehicle	0.001%
outdoor	0.001%
accessory	0.001%
electronic	0.001%
cicadomorpha-bug	0.001%
bee	0.001%
furniture	0.000%
kitchen	0.000%
animal	0.000%
leaf-footed-squash-bug	0.000%
cockroach	0.000%
plant-bug	0.000%
planthopper-bug	0.000%
seed-bug	0.000%
stink-shield-bug	0.000%
bed-bug	0.000%
appliance	0.000%
food	0.000%



In [65]:

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print('-----')
print(img_pred[8][0]+'\\n')
img_pred[8][2].show(figsize=(5, 5))
print(img_pred[8][1].to_string(index=False))
print('-----')

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Categoria: butterfly

Classe	Probabilidade
butterfly	97.047%
catterpillar	1.816%
beetle	0.365%
wasp	0.182%
ant	0.070%
animal	0.062%
termites	0.050%
crickets	0.047%
cicadomorpha-bug	0.038%
stink-shield-bug	0.036%
bee	0.034%
sports	0.029%
cockroach	0.028%
dragonfly	0.026%
flies	0.023%
accessory	0.021%
outdoor	0.019%
vehicle	0.016%
seed-bug	0.016%
plant-bug	0.015%
person	0.011%
food	0.006%
indoor	0.006%
furniture	0.005%
assassin	0.005%
electronic	0.005%
lacewing	0.004%
appliance	0.004%
kitchen	0.003%
leaf-footed-squash-bug	0.002%
planthopper-bug	0.002%
bed-bug	0.001%
thrips	0.001%

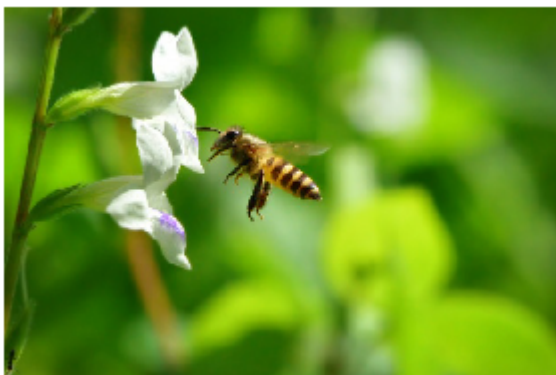


In [67]:

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print('-----')
print(img_pred[6][0]+'\\n')
img_pred[6][2].show(figsize=(5, 5))
print(img_pred[6][1].to_string(index=False))
print('-----')
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Categoria: bee

Classe	Probabilidade
flies	9.045%
bee	81.120%
butterfly	5.046%
beetle	0.889%
catterpillar	0.887%
wasp	0.625%
crickets	0.401%
animal	0.390%
cicadomorpha-bug	0.227%
thrips	0.200%
plant-bug	0.147%
indoor	0.125%
kitchen	0.107%
electronic	0.100%
dragonfly	0.095%
furniture	0.094%
person	0.081%
sports	0.076%
vehicle	0.058%
food	0.058%
appliance	0.040%
outdoor	0.038%
ant	0.029%
planthopper-bug	0.024%
lacewing	0.021%
seed-bug	0.021%
accessory	0.018%
termites	0.013%
leaf-footed-squash-bug	0.008%
cockroach	0.005%
stink-shield-bug	0.005%
assassin	0.004%
bed-bug	0.002%



In [68]:

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print('-----')
print(img_pred[7][0]+'\\n')
img_pred[7][2].show(figsize=(5, 5))
print(img_pred[7][1].to_string(index=False))
print('-----')

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Categoria: cockroach

Classe	Probabilidade
cockroach	73.375%
flies	6.981%
plant-bug	5.170%
crickets	2.037%
assassin	1.725%
thrips	1.627%
butterfly	1.373%
wasp	1.113%
vehicle	0.805%
beetle	0.779%
bed-bug	0.675%
lacewing	0.650%
appliance	0.525%
termites	0.436%
seed-bug	0.356%
ant	0.270%
person	0.262%
kitchen	0.221%
furniture	0.208%
outdoor	0.195%
planthopper-bug	0.177%
leaf-footed-squash-bug	0.150%
stink-shield-bug	0.145%
cicadomorpha-bug	0.124%
indoor	0.112%
dragonfly	0.085%
accessory	0.073%
catterpillar	0.070%
food	0.068%
animal	0.064%
sports	0.061%
bee	0.044%
electronic	0.043%



In [99]:

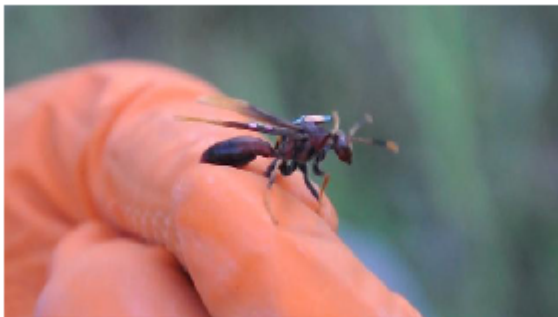
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print('-----')
print(img_pred[12][0]+'\\n')
img_pred[12][2].show(figsize=(5, 5))
print(img_pred[12][1].to_string(index=False))
print('-----')

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Espécie: wasp

Classe	Probabilidade
wasp	75.214%
flies	6.567%
ant	2.080%
beetle	13.344%
bee	0.935%
butterfly	0.250%
lacewing	0.171%
person	0.164%
seed-bug	0.151%
catterpillar	0.130%
plant-bug	0.088%
cicadomorpha-bug	0.082%
leaf-footed-squash-bug	0.081%
dragonfly	0.076%
assassin	0.075%
electronic	0.069%
vehicle	0.069%
sports	0.056%
indoor	0.050%
crickets	0.046%
termites	0.042%
accessory	0.042%
kitchen	0.037%
furniture	0.034%
food	0.033%
thrips	0.031%
appliance	0.029%
outdoor	0.025%
stink-shield-bug	0.011%
cockroach	0.005%
bed-bug	0.005%
animal	0.004%
planthopper-bug	0.003%



In [100]:

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print('-----')
print(img_pred[11][0]+'\\n')
img_pred[11][2].show(figsize=(5, 5))
print(img_pred[11][1].to_string(index=False))
print('-----')
```

Espécie: bee

	Classe	Probabilidade
	beetle	6.416%
	bee	53.955%
	catterpillar	2.487%
	butterfly	2.279%
	wasp	16.207%
	flies	16.187%
	ant	0.482%
	thrips	0.397%
	dragonfly	0.216%
	cicadomorpha-bug	0.215%
	plant-bug	0.177%
	termites	0.109%
	electronic	0.097%
	crickets	0.086%
	person	0.086%
	indoor	0.085%
	furniture	0.071%
	sports	0.054%
	lacewing	0.048%
	seed-bug	0.046%
	accessory	0.042%
	kitchen	0.039%
	vehicle	0.038%
	food	0.035%
	animal	0.033%
	outdoor	0.024%
	appliance	0.024%
	stink-shield-bug	0.023%
	assassin	0.012%
	bed-bug	0.010%
	leaf-footed-squash-bug	0.009%
	planthopper-bug	0.008%
	cockroach	0.004%



In [66]:

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print('-----')
print(img_pred[5][0]+'\\n')
img_pred[5][2].show(figsize=(5, 5))
print(img_pred[5][1].to_string(index=False))
print('-----')

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Categoria: vehicle

Classe	Probabilidade
beetle	6.473%
furniture	5.932%
indoor	4.284%
plant-bug	3.898%
vehicle	22.671%
flies	2.567%
electronic	2.463%
appliance	2.305%
sports	2.103%
outdoor	14.818%
butterfly	11.574%
person	10.191%
accessory	1.973%
food	1.473%
kitchen	1.315%
bee	1.083%
animal	0.969%
cockroach	0.738%
ant	0.573%
cicadomorpha-bug	0.524%
wasp	0.360%
planthopper-bug	0.301%
termites	0.275%
catterpillar	0.248%
seed-bug	0.198%
stink-shield-bug	0.179%
thrips	0.173%
leaf-footed-squash-bug	0.110%
bed-bug	0.073%
dragonfly	0.043%
crickets	0.041%
assassin	0.037%
lacewing	0.035%



In [62]:

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print('-----')
print(img_pred[3][0]+'\\n')
img_pred[3][2].show(figsize=(5, 5))
print(img_pred[3][1].to_string(index=False))
print('-----')

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Categoria: catterpillar

Classe	Probabilidade
catterpillar	54.985%
ant	3.618%
dragonfly	2.382%
flies	2.203%
beetle	15.935%
butterfly	14.612%
crickets	1.445%
bee	1.026%
termites	0.795%
wasp	0.686%
cicadomorpha-bug	0.427%
outdoor	0.307%
plant-bug	0.171%
stink-shield-bug	0.162%
vehicle	0.149%
thrips	0.145%
cockroach	0.132%
seed-bug	0.123%
animal	0.086%
electronic	0.081%
person	0.077%
indoor	0.071%
leaf-footed-squash-bug	0.058%
sports	0.053%
appliance	0.047%
furniture	0.045%
accessory	0.037%
kitchen	0.037%
assassin	0.034%
lacewing	0.025%
planthopper-bug	0.018%
food	0.016%
bed-bug	0.014%

