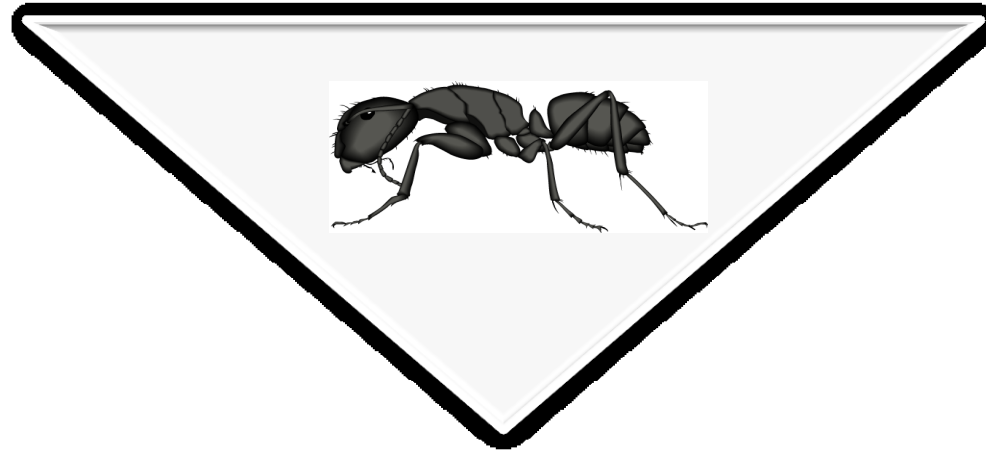


# Ants Award

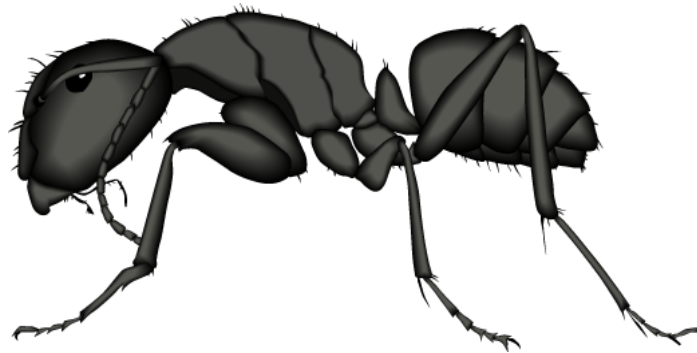


By Dionne Corrodus-Weekes

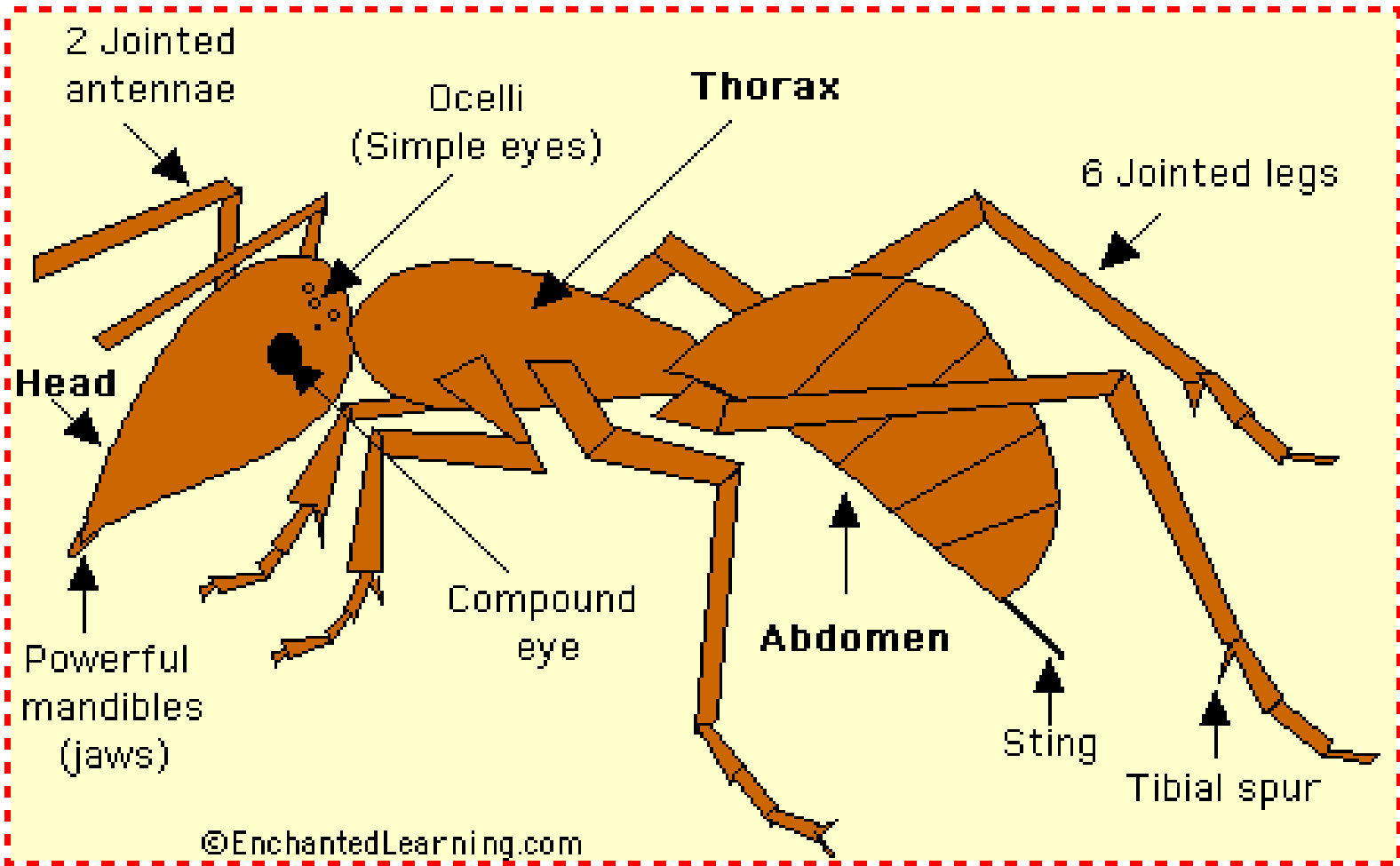
(Dagenham - SEC)

# 1. What is an ant?

- Ants are :
  - social insects
  - known for working hard and being strong.



# Meet the Ant



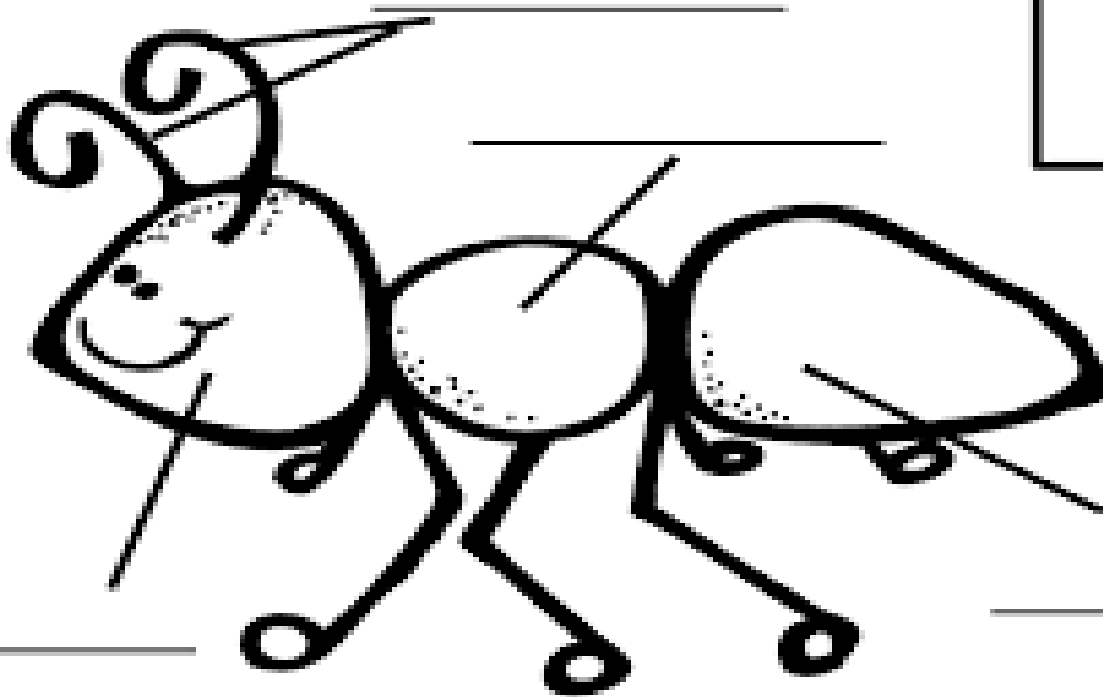
# Label the Ant Body Parts

Name: \_\_\_\_\_

Directions: Label the ant parts using the word bank.

## Word Bank

head  
thorax  
abdomen  
antennae



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## Proverbs 30:24-25 (NKJV)

- There are four *things which* are little on the earth, But they *are* exceedingly wise:
- The ants *are* a people not strong, Yet they prepare their food in the summer;

# Proverbs 6:6-8 (NKJV)

## Bible Text

- <sup>6</sup> Go to the ant, you sluggard! Consider her ways and be wise,
- <sup>7</sup> Which, having no captain, Overseer or ruler,
- <sup>8</sup> Provides her supplies in the summer, *And* gathers her food in the harvest.

## Explanation

- Take a lesson from the ants, you lazybones. Learn from their ways and be wise! Even though they have no prince, governor, or ruler to make them work, they labour hard all summer, gathering food for the winter

# How do ants communicate?

- Communication is crucial to the survival of ants.
- Ants communicate with each other using:-
  - pheromones (scent),
  - sounds,
  - and touch
- Ants attack and defend themselves by biting and, in many species, by stinging, often injecting or spraying chemicals such as formic acid.
- *The word original meaning of the word "ant" in German was "the biter".*

# Jaws are not for talking.....

- The ant head has two strong jaws, (called mandibles), used to:
  1. carry food,
  2. manipulate objects, construct nests,
  3. for defense.





# Why do ants have “hooked claws”?

- Ants have hooked claws at the end of each leg which helps them to climb and to hang onto surfaces.



# Types of Ants

## **One Node Ants**

- Carpenter Ant
- Crazy Ant
- Field Ant
- Large Yellow Ant
- Odorous House Ant
- Small Honey Ant

## **Two Node Ants**

- Acrobat Ant
- Big-headed Ant
- Little Black Ant
- Pavement Ant
- Pharaoh Ant
- Thief Ant

One Nodes Ants

# Argentine Ant (*Linepithema humile*)



- **Colour:** Small, shiny, brown.
- **Workers:** One size.
- **Nesting:** They nest outdoors under logs, concrete slabs, debris, and mulch. They build large colonies and can move rapidly. In winter they move indoors.
- **Location:** Throughout the southeastern United States and California.
- **Food facts:** Prefers sweets, fats, and oils

# Ghost Ant (*Tapioca melanocephalum*)



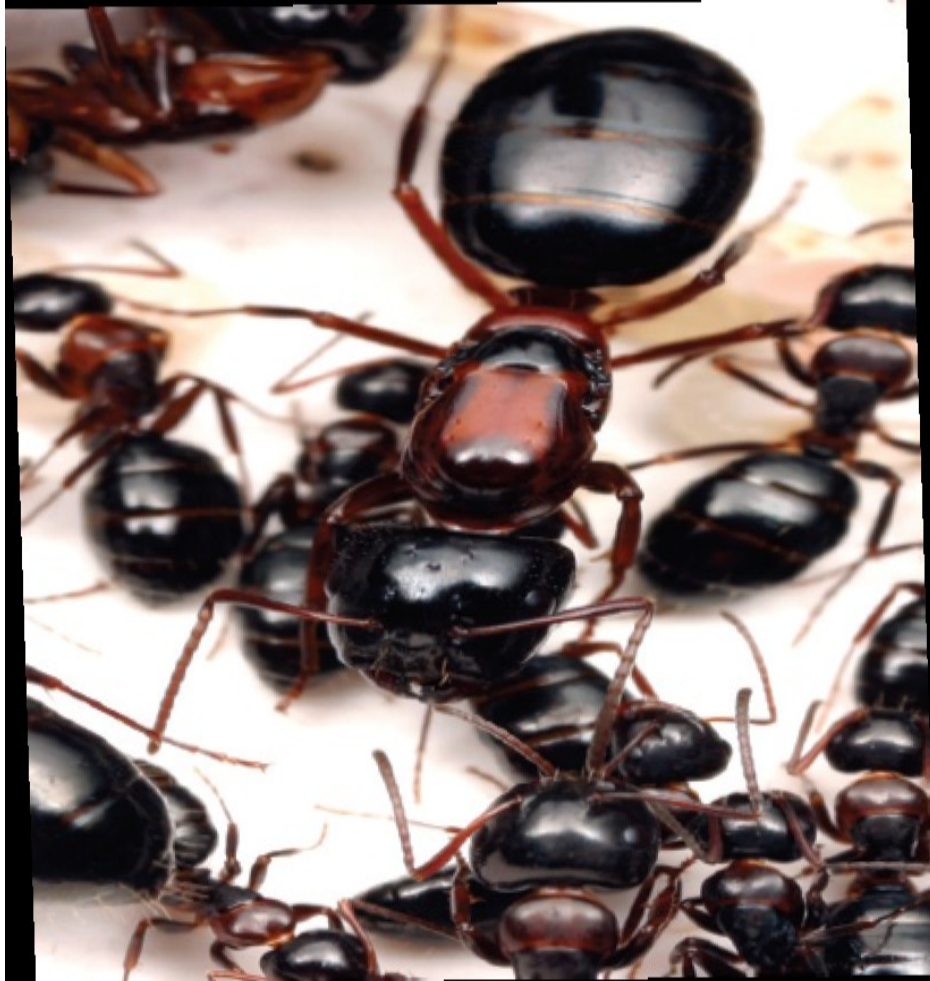
- **Colour:** Head and thorax dark brown to black, abdomen and legs opaque.
- **Workers:** One size.
- **Nesting:** Ghost ants usually nest outdoors under stones, logs, firewood or in potted plants, but they build colonies behind baseboards, in wall voids, and in cabinets of buildings where they find food.
- **Location:** Significant pest in Florida and Hawaii. In the northern states, it is sometimes found in greenhouse-infested plants shipped from Florida.
- **Food facts:** Feeds on dead insects, sweets and other food.

# Caribbean Crazy Ant\*



- **Color:** Golden-reddish-brown.
- **Workers:** One size.
- **Nesting:** This species can exhibit large population numbers. Colonies have been observed to have several hundred thousand individuals and appear to nest in many locations with multiple queens. Caribbean crazy ants have been observed emerging from soffits of houses, under objects on the ground such as landscaping timbers or rocks, wooden debris, underground electrical conduits and cracks in cement.
- **Location:** Significant pest in Florida and Texas.
- **Food facts:** Eats a variety of foods.

# Carpenter Ant (*Camponotus spp.*)



- **Color:** Many varieties of different colors – tan, red, black.
- **Workers:** Many sizes.
- **Nesting:** Carpenters hollow out dead, moist wood in trees, firewood and fence posts to build nests, but they don't eat wood. Inside, they build colonies in wall voids, foam insulation, eaves, and crawlspaces. Carpenter ants forage at night during summer months.
- **Location:** Throughout the United States.
- **Food facts:** Feeds on insects, insect secretions during the summer.
- Often invade structures in spring and fall looking for other food sources. Likes sweets.



# Cornfield Ant (*Lasius alienus*)



- **Colour:** Brown to black in colour.
- **Workers:** One size.
- **Nesting:** Nests in lawns, between cracks in sidewalks, and under rocks.
- **Location:** Throughout the United States. Occasional house pest in the northern states.
- **Food facts:** Enters homes in search of food, typically an uninvited guest at picnics. Likes sweets.



# Crazy Ant (*Paratrechina longicornis*)



- **Colour:** Dark brown to black, body often has faint bluish iridescence due to grey hairs.
- **Workers:** One size. Easy to identify by observing its rapid and erratic movements.
- **Nesting:** Highly adaptable, living in both very dry and rather moist habitats. It often nests some distance away from its foraging area in such places as trash, cavities in plants and trees, rotten wood, and in soil under objects.
- **Location:** Throughout the United States.
- **Food facts:** Prefers high-protein in summer months and are attracted to honeydew producing homopterous in spring and fall.

# Odorous House Ant (*Tapinoma sessile*)



- **Colour:** Dark brown to black.
- **Workers:** One size. Bitter odour when crushed – smells like rotten coconuts.
- **Nesting:** Nests in a wide variety of places outdoors and inside. These ants commonly construct shallow nests in soil underneath objects, such as stones, patio blocks, and debris. Inside, they prefer areas with moisture such as around hot water pipes and heaters. Odorous house ants have multiple queens. The ants forage when temperatures are cool, even down to 50 degrees Fahrenheit.
- **Location:** Throughout the United States.
- **Food facts:** Strongly trailing ant; it tends aphids for honeydew and prefers dead insects, sweets and meat.

# Pyramid Ant (*Dorymyrmex spp.*)



- **Colour:** Reddish head and thorax with black abdomen.
- **Workers:** One size.
- **Nesting:** Nesting outdoors, constructs nests in soil in open, sunny areas that are free of vegetation. Excavated soil is distributed in a circle around the mound entrance. Mounds are 2 to 4 inches in diameter and may be located near the nests of other ants.
- **Location:** Throughout the United States, most common in southern states.
- **Food facts:** Likes fats and oils

# Rover Ant (*Brachymyrmex spp.*)



- **Colour:** Dark brown to pale blond.
- **Workers:** One size, commonly mistaken for the little black ant or pharaoh ant.
- **Nesting:** Common in woods and other natural settings, as well as around buildings. In natural settings they nest in soil or decaying wood. In buildings they prefer areas with high moisture and are often associated with bathrooms or plumbing or structural leaks.
- **Location:** Reported in many states, particularly the southern states from California to Florida.
- **Food facts:** Likes sweets.

# White-footed Ant (*Technomyrmex albipes*)



- **Colour:** Dark body; the key distinguishing feature is the pale light colour of the tarsi on all six legs.
- **Workers:** One size.
- **Nesting:** Literally any object on the ground, heavy vegetation or trees can be used as a nesting site. It has also been observed nesting in dead wood cavities of trees. Foraging trails are pronounced and easy to find outdoors. Indoors they will nest in wall voids and plants.
- **Location:** Well-established throughout most of south Florida and on the island of Oahu in Hawaii.
- **Food facts:** Likes sweets.

Two Nodes Ants

# Acrobat Ant (*Crematogaster spp.*)



- **Colour:** Light brown to dark brownish black.
- **Workers:** One size with heart-shaped abdomen.
- **Nesting:** They nest outdoors in soil, leaves, or wood; indoors in building voids and insulation. May be found in wood previously tunnelled by termites or carpenter ants, also in rigid foam insulation.
- **Location:** Throughout the United States.
- **Food facts:** Eats a variety of foods including sweets and protein



# Thief Ant

## *(Solenopsis Molesta)*

- **Colour:** Light brown or yellow.
- **Workers:** Very small, one size.
- **Nesting:** Nests near other ant colonies and steals food and larvae to feed their own colony. Outside they nest under rocks or logs, inside they nest in wall voids and behind baseboards. They move in trails along baseboards.
- **Location:** Throughout the United States.
- **Food facts:** Likes greasy foods, rarely sweet.





# Little Black Ant (*Monopodium Minimum*)



- **Colour: Black.**
- **Workers: One size, very small, similar to pharaoh ant.**
- **Nesting: May build outdoor colonies under rocks, logs, debris, and in landscape mulch.**
- **Location: Throughout the United States, but most often in the East. One of the more common house-infesting ants. They nest in wall voids, under carpets, in woodwork, decaying wood, and masonry. Forages to indoor food sources along baseboards and carpet edges.**
- **Food facts: Likes sweets, fats, oils.**

# Pavement Ant (*Tetramorium caespitum*)



- **Colour:** Dark brown.
- **Workers:** One size, small, with small stingers.

**Nesting:** Nesting along sidewalks and foundations of buildings, near firewood, stones, brick, mulch, etc. They forage in trails from outside colonies to indoor food sources, far from nests. May throw soil out on top of concrete slabs when inside buildings; swarm in buildings. Often access structures via plumbing pipes and move to upper building floors.

**Location:** Throughout the United States.

**Food facts:** Eats dead insects, greasy food, sweets, pet food.

# Pharaoh Ant

- **Colour:** Yellow with a reddish abdomen.
- **Workers:** One size.
- **Nesting:** Typically builds nests in wood, wall voids, baseboards, etc. Colonies are quite large, with many queens. They prefer warm humid areas near food and water.
- **Location:** Throughout the United States, most commonly in southern states. In northern states, species will nest in heated buildings. Common hospital pest.
- **Food facts:** Likes fats and oils.



# Fire Ant



- **Colour:** Red imported fire ant, black imported fire ant, tropical fire ant, and the mature southern fire ant all have painful stings.
- **Workers:** Many sizes.
- **Nesting:** Usually build mounds outdoors in sunny areas and are very aggressive. Colonies can grow to hundreds of thousands.
- **Location:** Throughout southern states.
- **Food facts:** Eats almost any plant or animal matter. Prefers high-protein foods

# Big-Headed Ant (*Pheidole spp.*)

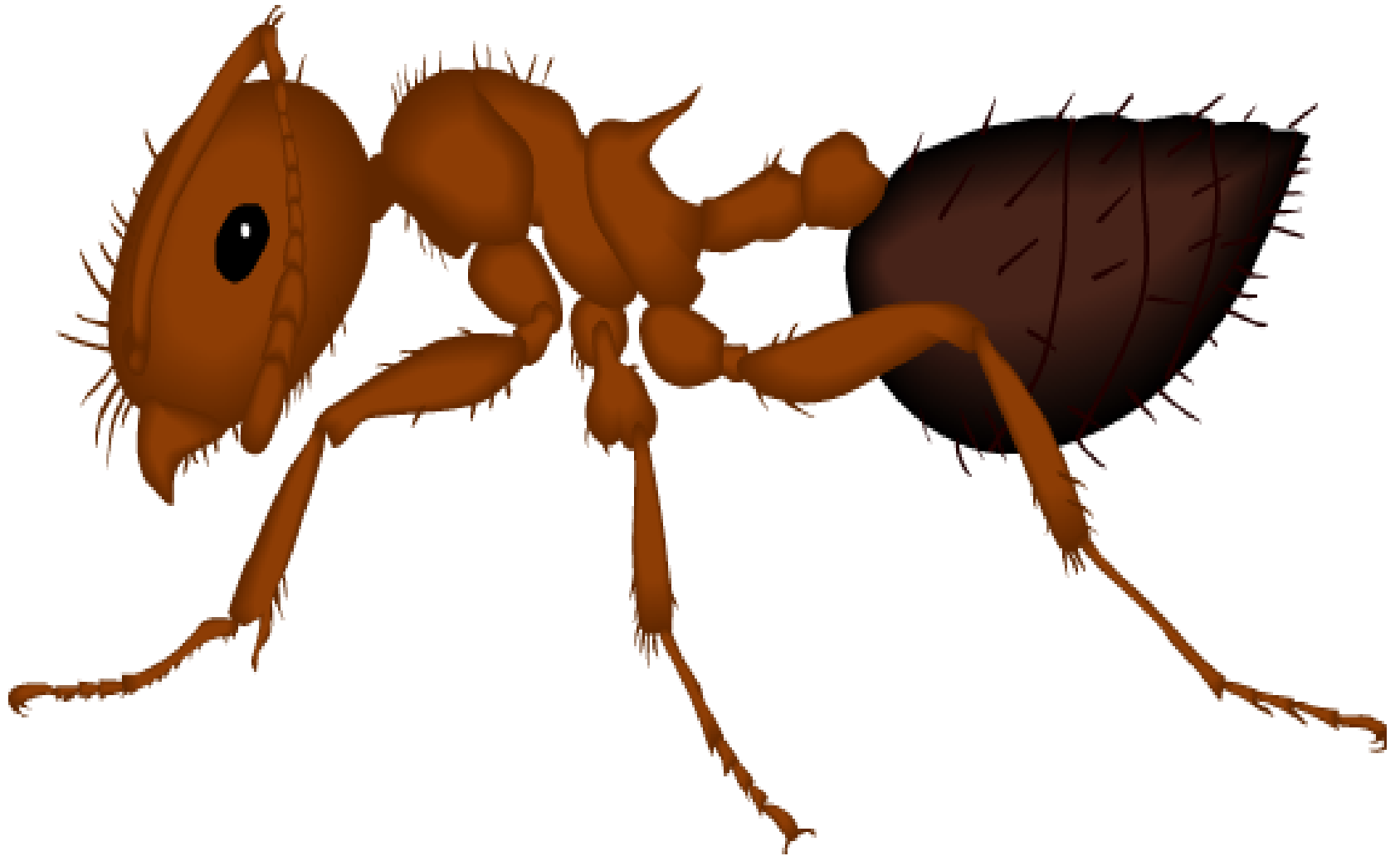


- **Colour:** Several dozen species ranging from light brown to dark reddish brown.
- **Workers:** Two sizes
- **Nesting:** It is rare that big-headed ants live indoors; preferring protected outdoor areas under logs, mulch, firewood, or patio blocks. Active foragers, ant trails are common along sidewalks, foundations, and inside along baseboards and under carpets.
- **Location:** Throughout the United States.
- **Food facts:** Feeds on insects, protein, grease, sweets, seeds.

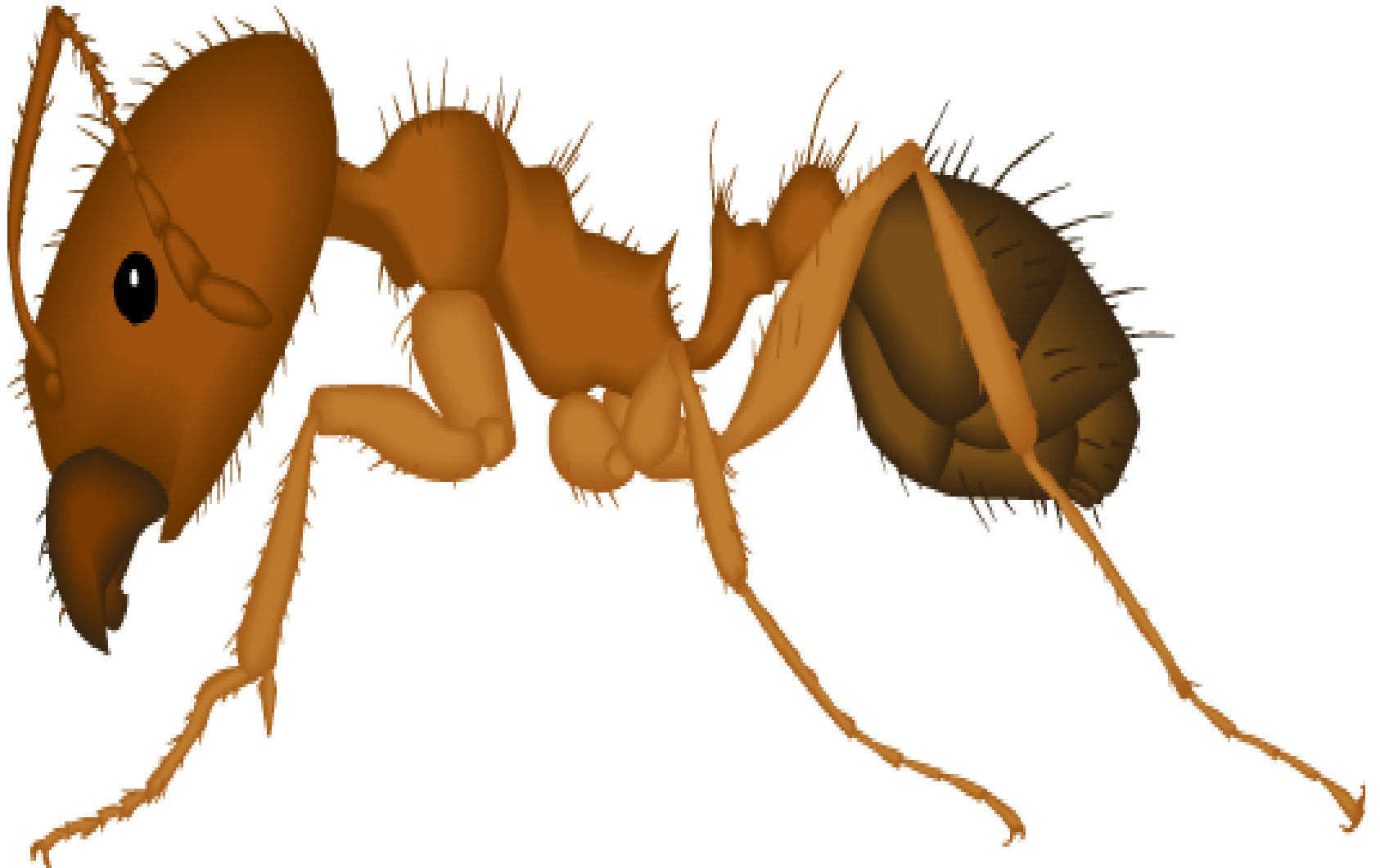
# 2 Dimensional Ants

2 Node Ants

# Acrobat Ant

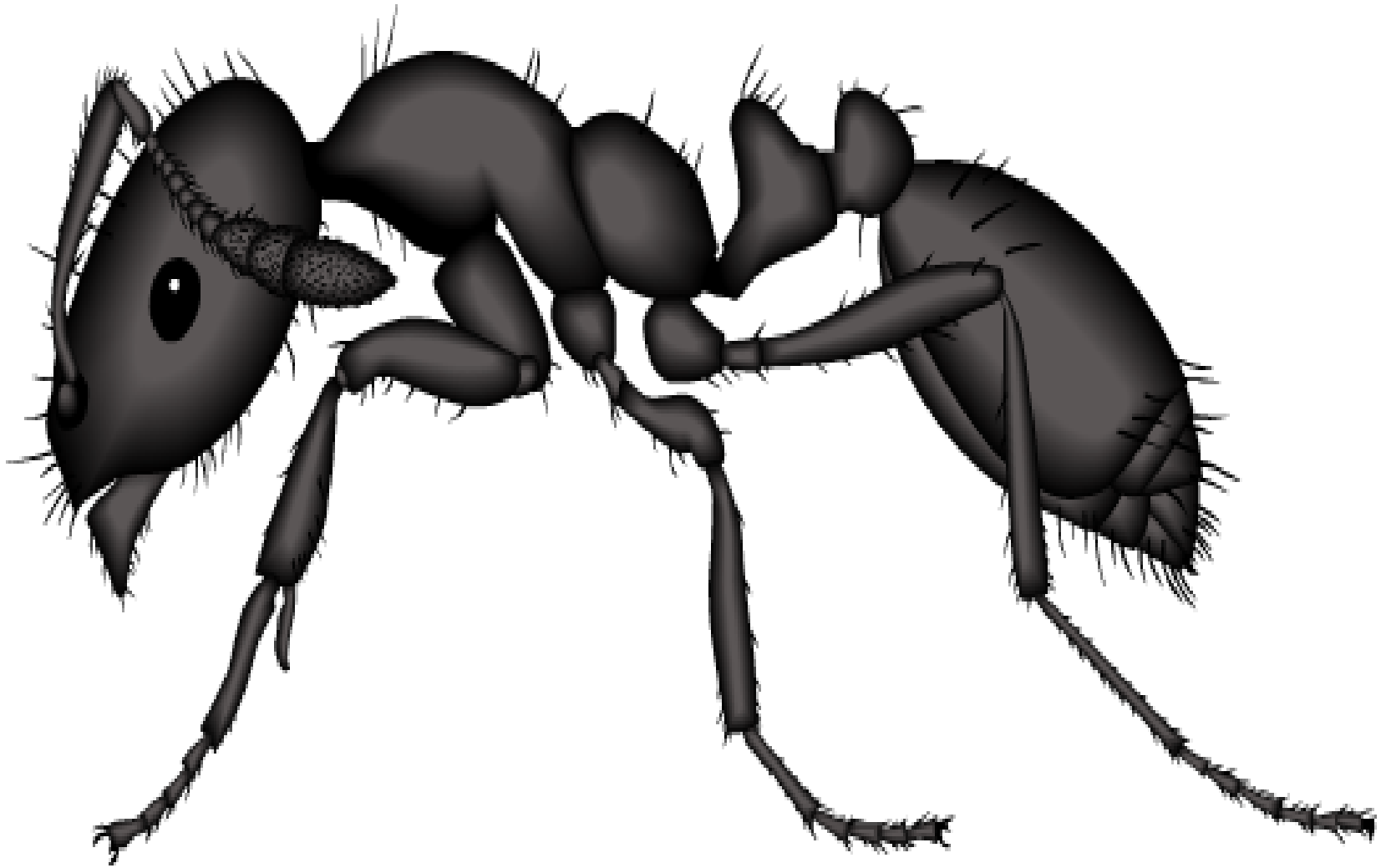


# Big-Headed Ant

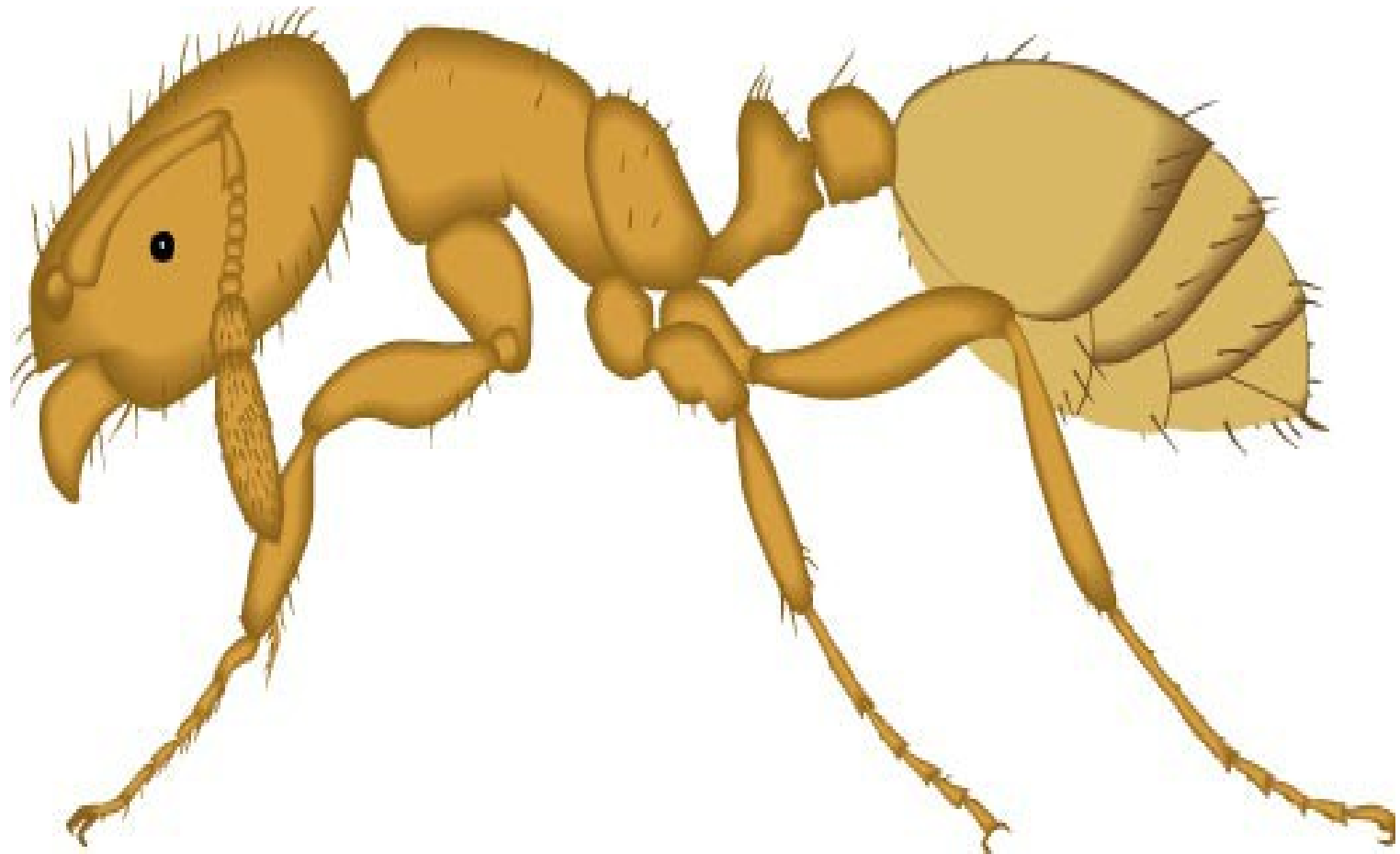




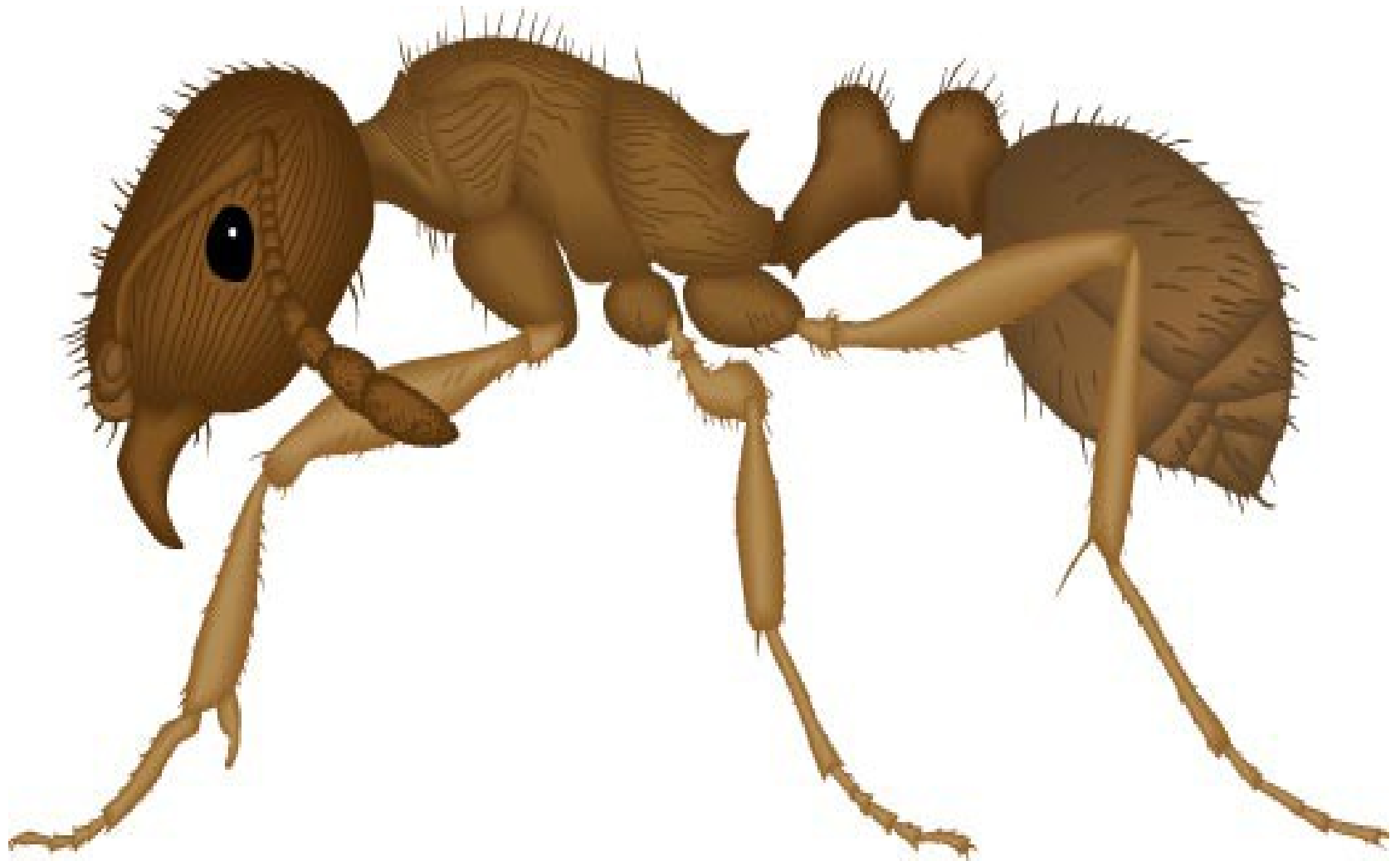
# Little Black Ant



# Thief Ant



# Pavement Ant



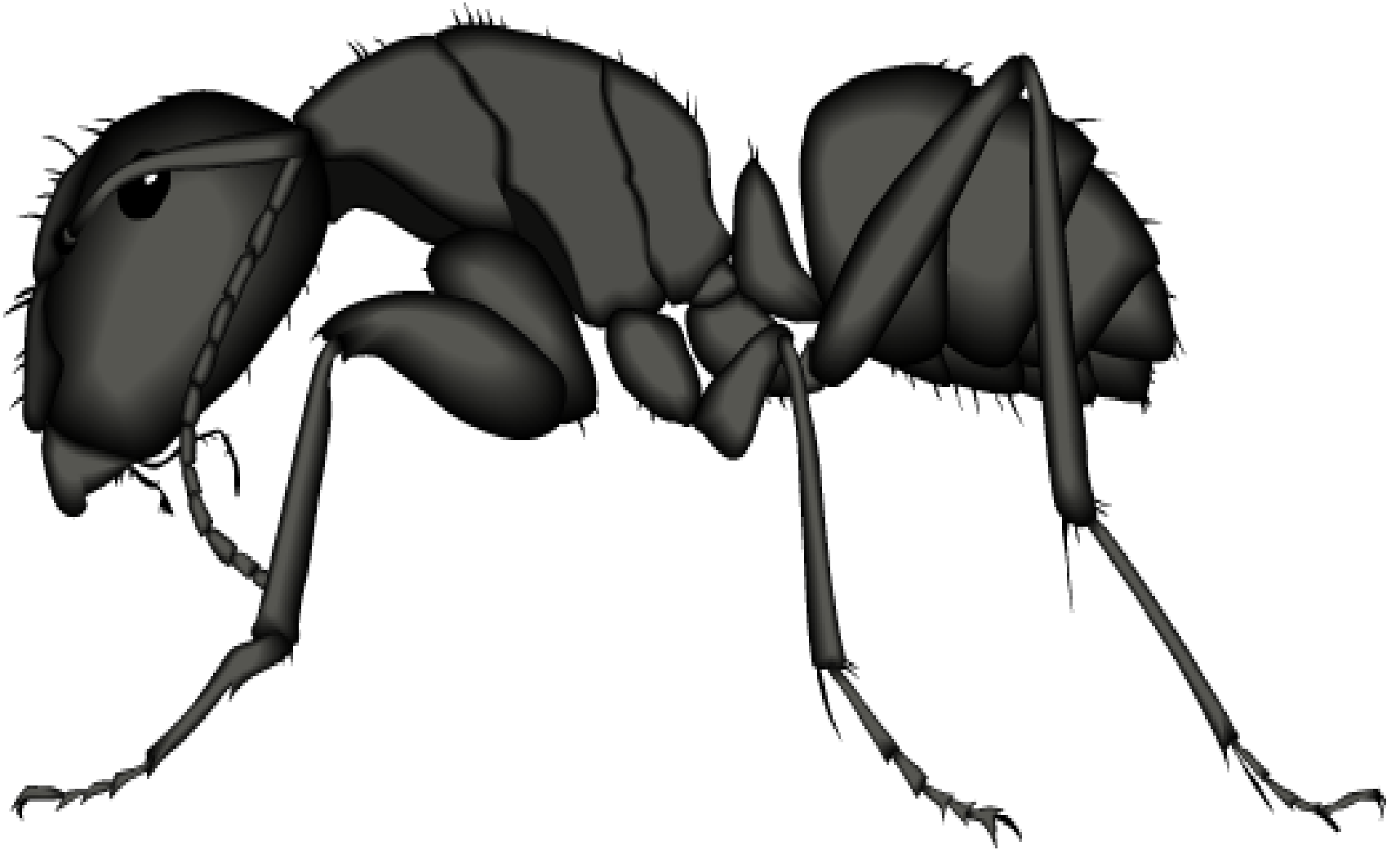
# Pharaoh Ant



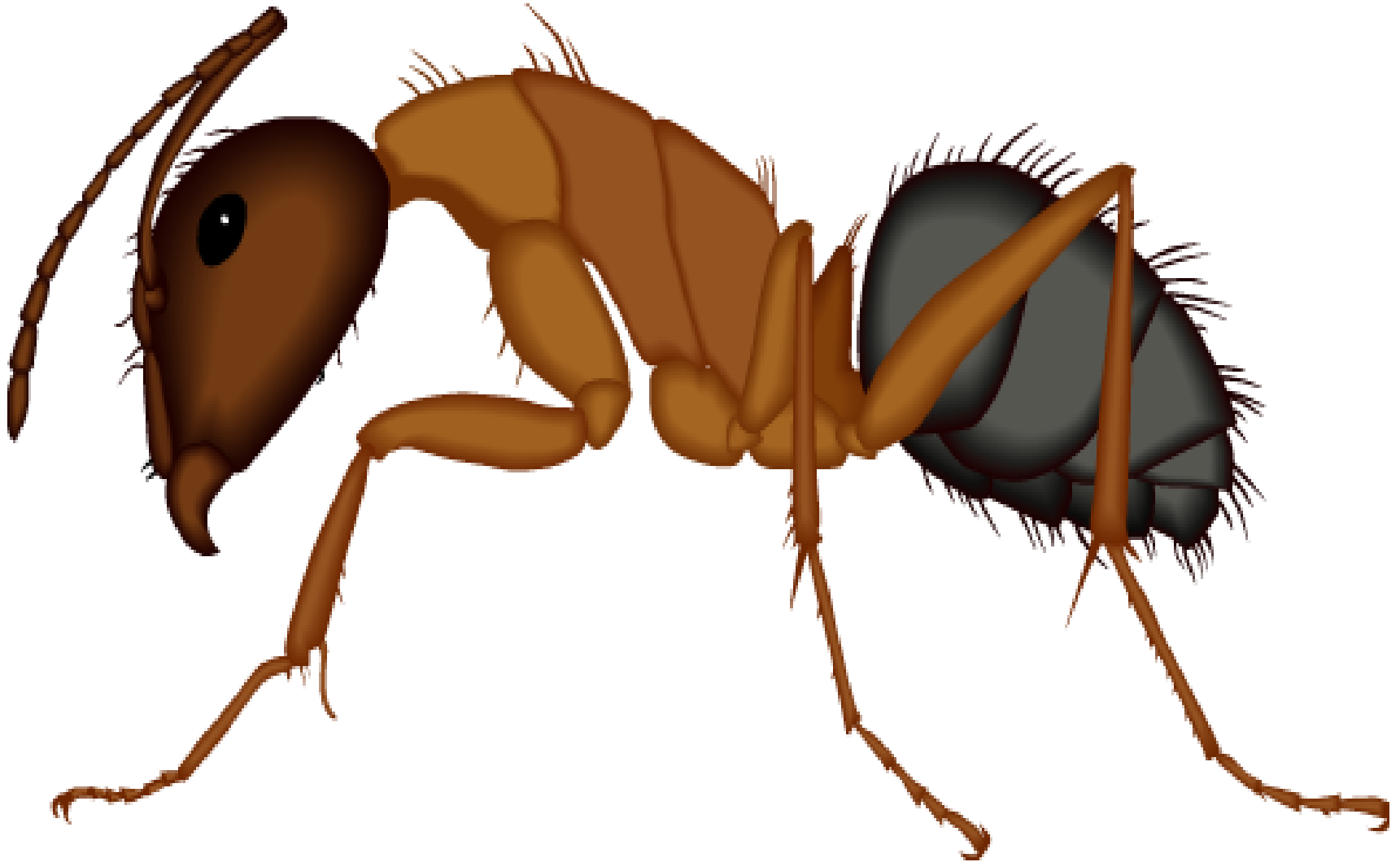
# 2 Dimensional Ants

single node ants

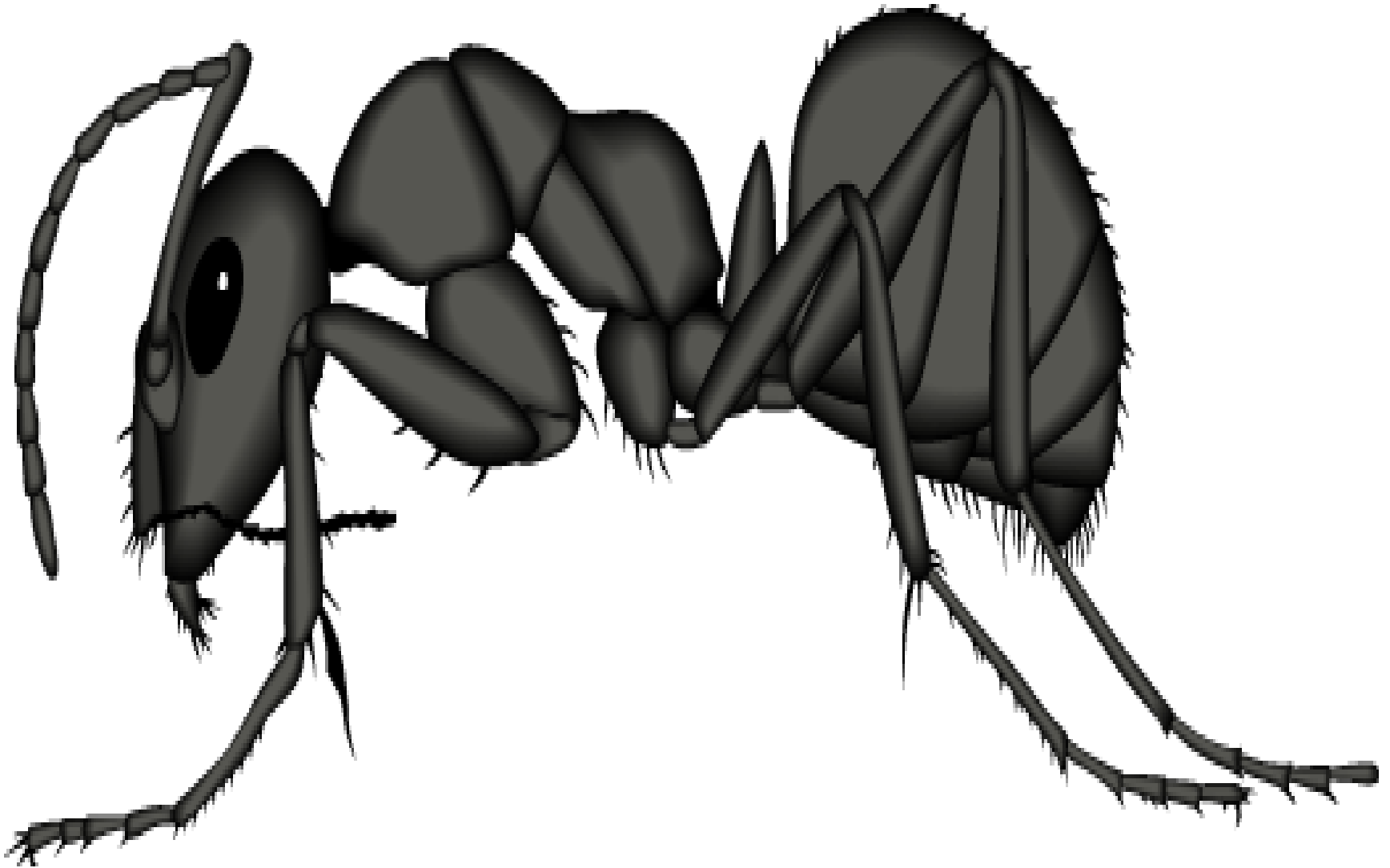
# Black Carpenter Ant



# “Red” Carpenter Ant

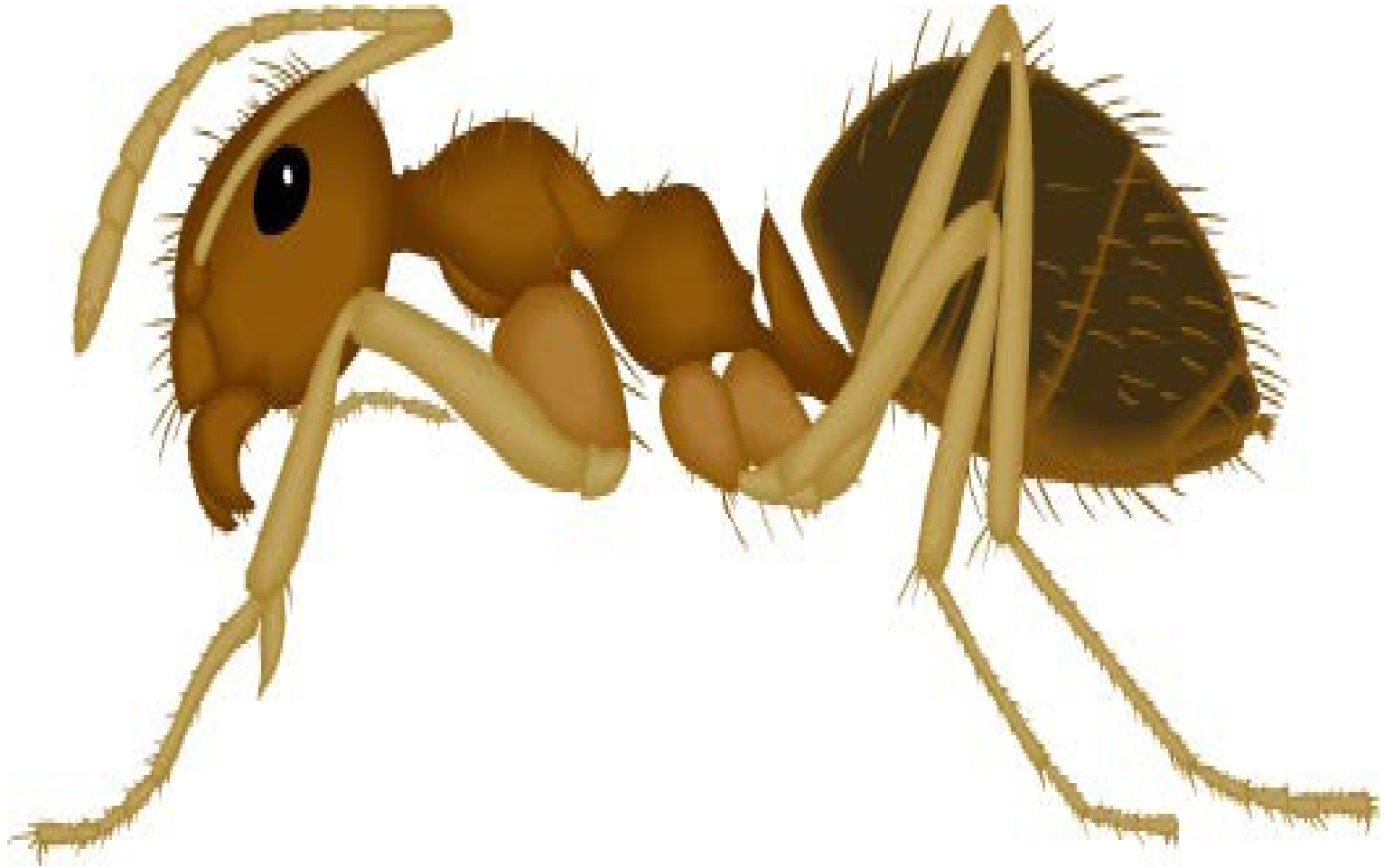


# Field Ant

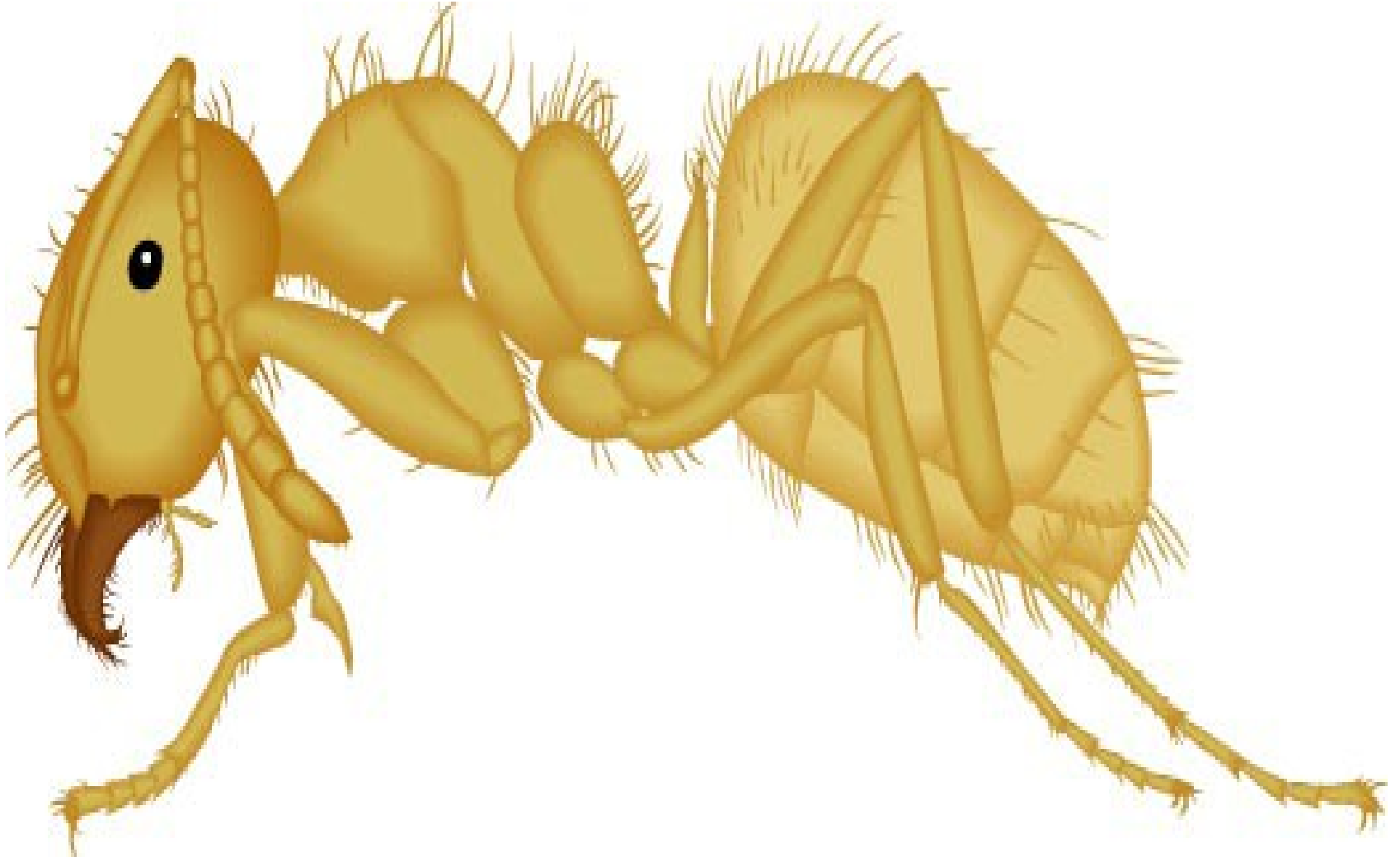




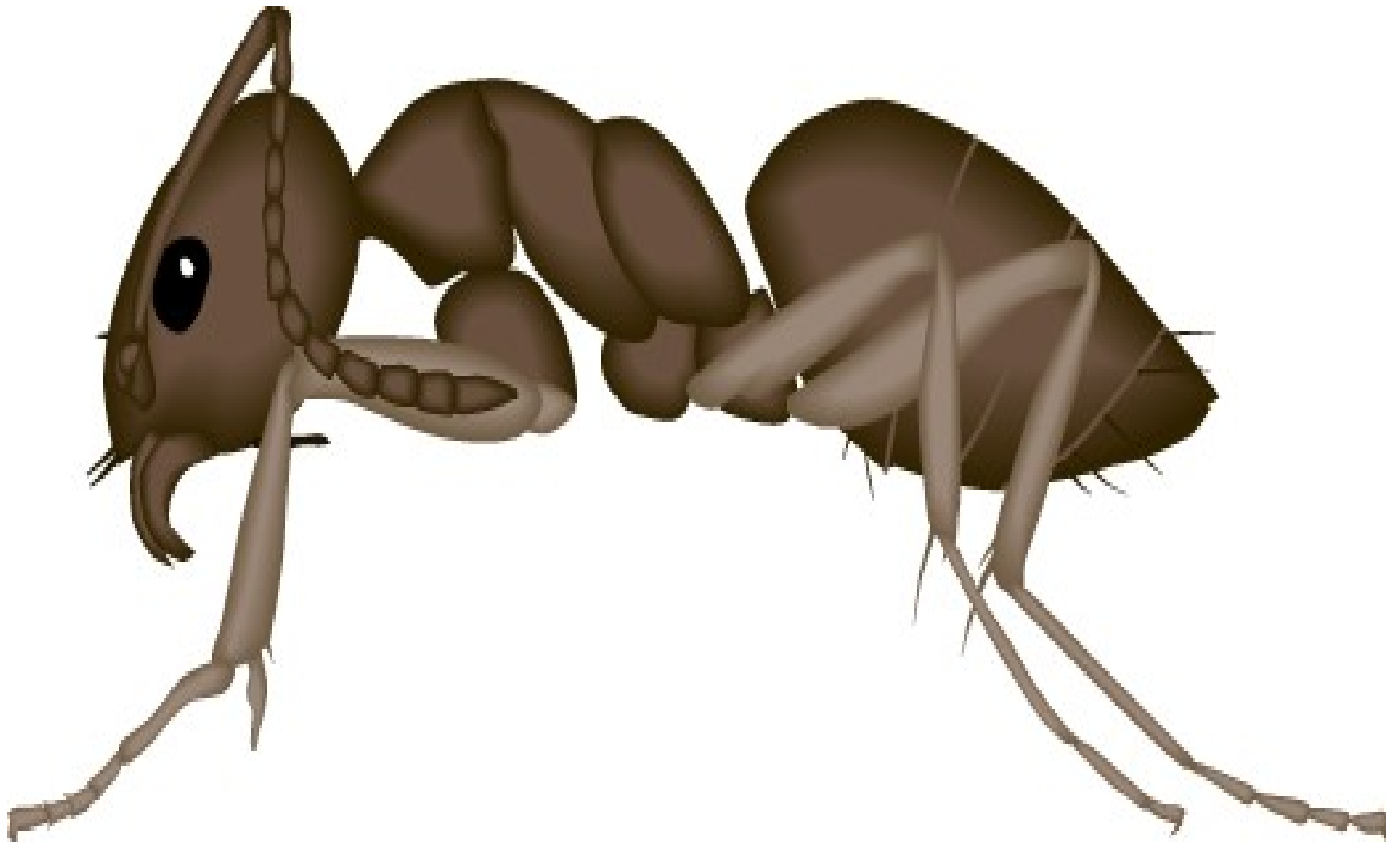
# Small(False) Honey Ant



# Large Yellow Ant



# Odorous House Ant



# Consider The Ant.....

## If Ants .....

Ants are self motivated  
Ants are extremely organized  
Ants run away fast when something harmful is around  
Ants understand their gifts and work within their specific abilities  
Ants build together  
Ants have single focus  
Ants help and share with others  
Ants are team players  
Ants are hard workers  
Ants take rest seriously  
Ants prepares for the future  
Ants are clean and tidy

## We can be .....

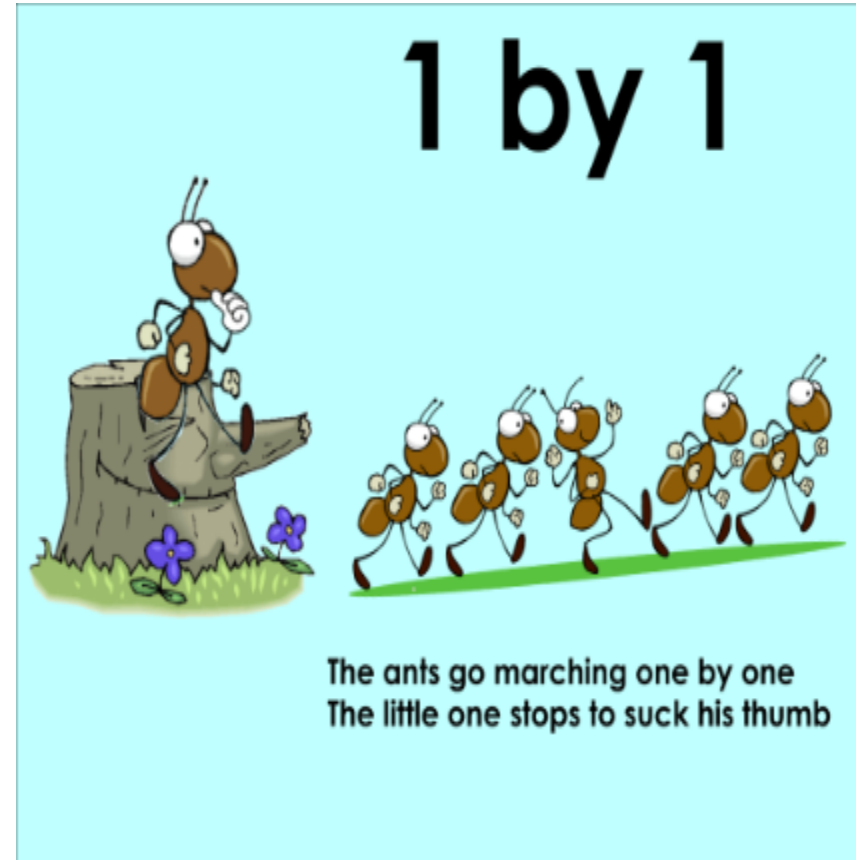
- Adventurers that are self motivated
- Adventurers that are extremely organized
- Adventurers that run away fast when something harmful is around
- Adventurers that understand their gifts and work within their specific abilities
- Adventurers that build together
- Adventurers that have single focus in completing a task
- Adventurers that help and share with others
- Adventurers that are team players
- Adventurers that are hard workers
- Adventurers that take rest seriously including the Sabbath
- Adventurers can be clean and tidy

# The Ants Go Marching.....



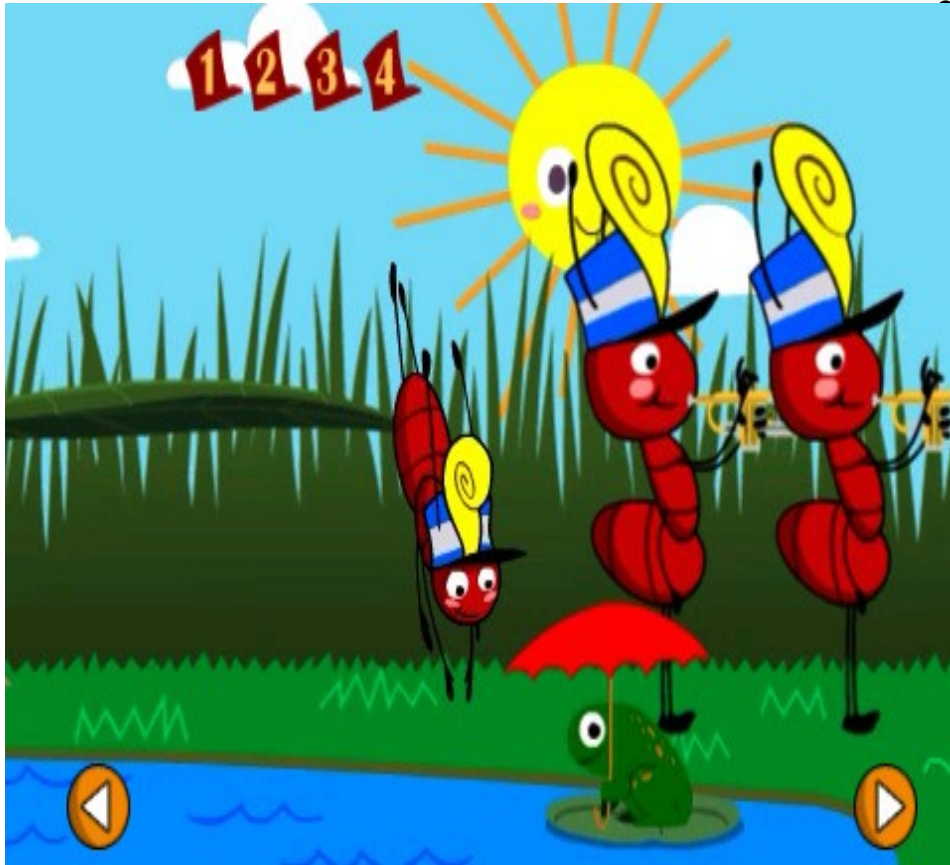
# Verse 1

- The ants go marching one by one, hurrah, hurrah  
The ants go marching one by one, hurrah, hurrah  
The ants go marching one by one,  
The little one stops to suck her thumb  
And they all go marching down to the ground





# Verse 2



The ants go marching two  
by two, hurrah, hurrah  
The ants go marching two  
by two, hurrah, hurrah  
The ants go marching two  
by two,  
The little one stops to tie  
her shoe  
And they all go marching  
down to the ground  
To get out of the rain,  
BOOM! BOOM! BOOM!

# Verse 3

- The ants go marching three by three, hurrah,  
hurrah  
The ants go marching three by three, hurrah,  
hurrah  
The ants go marching three by three,  
The little one stops to climb a tree  
And they all go marching down to the ground  
To get out of the rain, BOOM! BOOM! BOOM!



# Verse 4

- The ants go marching four  
by four, hurrah, hurrah  
The ants go marching four  
by four, hurrah, hurrah  
The ants go marching four  
by four,  
The little one stops to  
shut the door  
And they all go marching  
down to the ground  
To get out of the rain,  
BOOM! BOOM! BOOM!



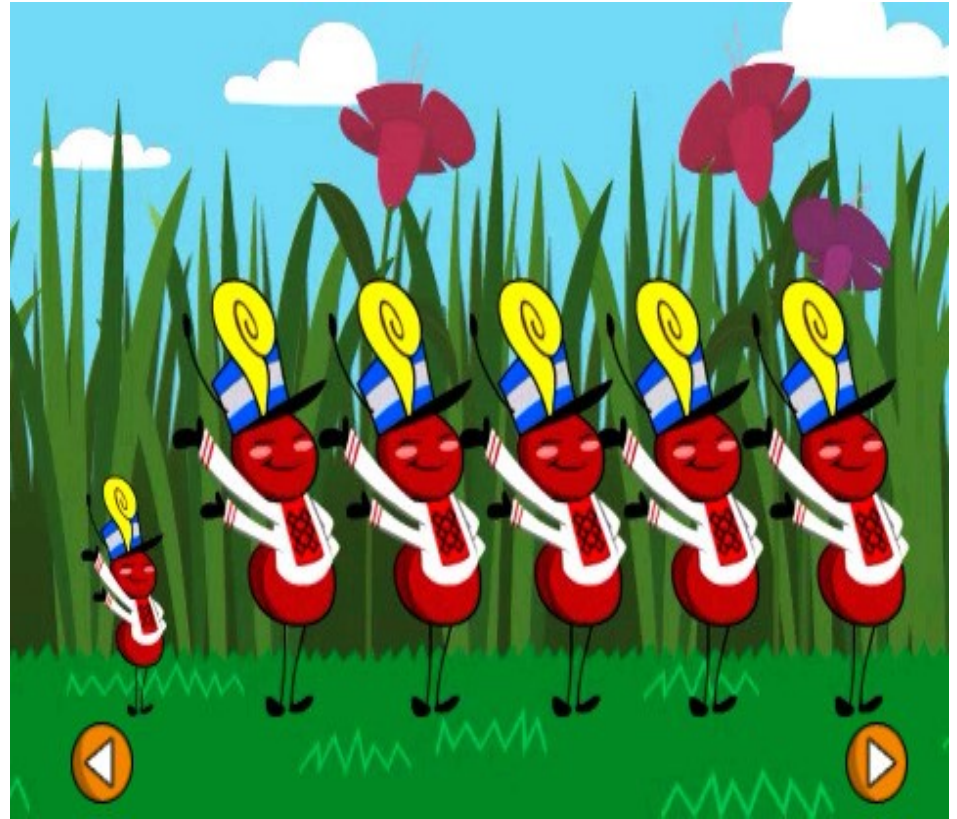
# Verse 5

- The ants go marching five  
by five, hurrah, hurrah  
The ants go marching five  
by five, hurrah, hurrah  
The ants go marching five  
by five,  
The little one stops to  
take a dive  
And they all go marching  
down to the ground  
To get out of the rain,  
BOOM! BOOM! BOOM!



# Verse 6

- The ants go marching six  
by six, hurrah, hurrah  
The ants go marching six  
by six, hurrah, hurrah  
The ants go marching six  
by six,  
The little one stops to  
pick up sticks  
And they all go marching  
down to the ground  
To get out of the rain,  
**BOOM! BOOM! BOOM!**



# Verse 7

- The ants go marching seven by seven, hurrah, hurrah  
The ants go marching seven by seven, hurrah, hurrah  
The ants go marching seven by seven,  
The little one stops to pray to heaven  
And they all go marching down to the ground  
To get out of the rain,  
**BOOM! BOOM! BOOM!**



# Verse 8

- The ants go marching eight  
by eight, hurrah, hurrah  
The ants go marching eight  
by eight, hurrah, hurrah  
The ants go marching eight  
by eight,  
The little one stops to shut  
the gate  
And they all go marching  
down to the ground  
To get out of the rain,  
**BOOM! BOOM! BOOM!**



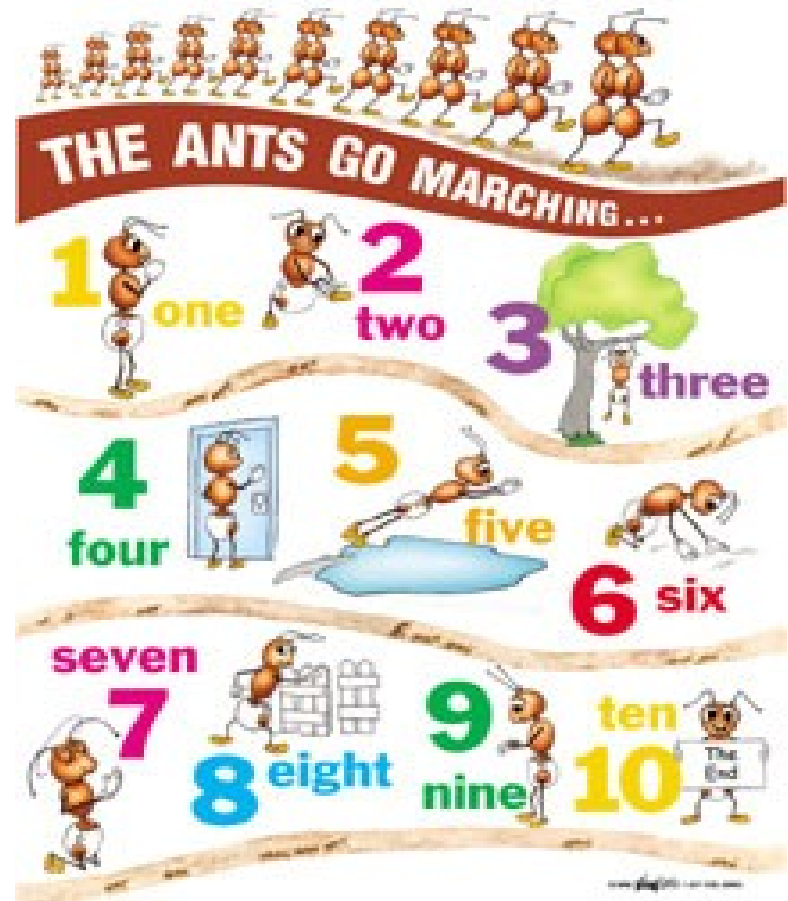
# Verse 9

- The ants go marching nine by nine, hurrah,  
hurrah  
The ants go marching nine by nine, hurrah,  
hurrah  
The ants go marching nine by nine,  
The little one stops to check the time  
And they all go marching down to the ground  
To get out of the rain, BOOM! BOOM! BOOM!



# Verse 10

- The ants go marching ten by ten, hurrah, hurrah  
The ants go marching ten by ten, hurrah, hurrah  
The ants go marching ten by ten,  
The little one stops to sing it again,  
And they all go marching down to the ground  
To get out of the rain



Thank You

