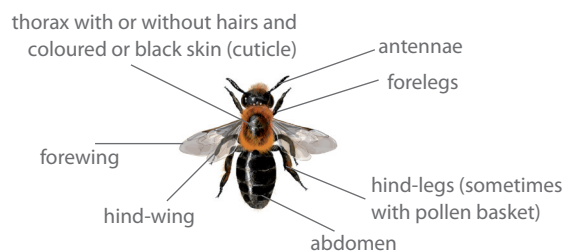
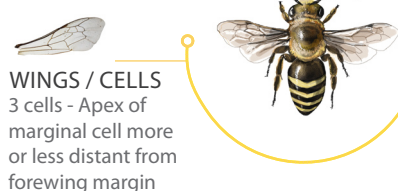


PHYSICAL & SOCIAL CHARACTERISTICS



Colletes (Colletidae)

Illustrated species:
Colletes hederæ



WINGS / CELLS
3 cells - Apex of marginal cell more or less distant from forewing margin

BODY

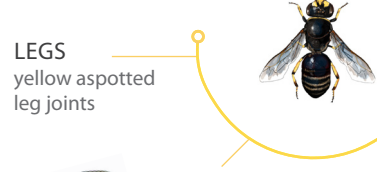
Ligula is short and bilobed, wide and flat. Pygidial plate is absent. Thorax with thick short hairs. Tergites with wide apical bands of pale coloured hairs.

BODY LENGTH 13 - 30 mm



Hylaeus (Colletidae)

Illustrated species:
Hylaeus communis



LEGS
yellow as spotted leg joints

WINGS / CELLS

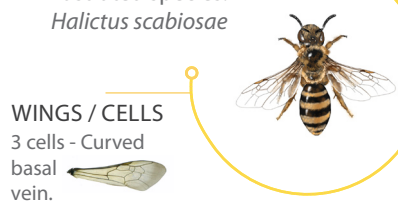
2 cells - Apex of marginal cell almost terminating on the forewing margin, pointed or tightly rounded

BODY LENGTH 4 - 8 mm



Halictus (Halictidae)

Illustrated species:
Halictus scabiosae



WINGS / CELLS
3 cells - Curved basal vein.

HEAD

Head of sub-rounded shape

BODY

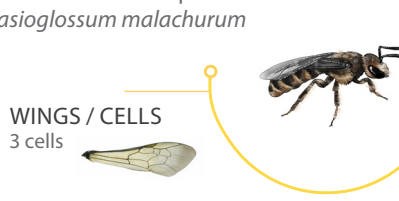
Metallic hues, with body abundantly hairy. In medium and big species: abdomen cuticle is black, often with pale coloured bands on apical margins of tergites.

BODY LENGTH 4 - 16mm



Lasioglossum (Halictidae)

Illustrated species:
Lasioglossum malachurum



WINGS / CELLS
3 cells

HEAD

Head of sub-rounded shape

BODY

Most species have black cuticle, but some species can show metallic hues. Generally little hair, abdomen without bands.

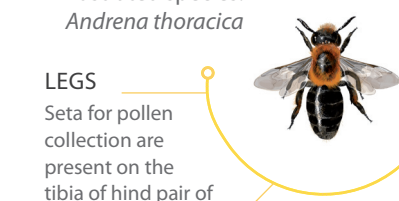
BODY LENGTH 4 - 16mm

SIMILAR GENUS: Andrena



Andrena (Andrenidae)

Illustrated species:
Andrena thoracica



LEGS
Seta for pollen collection are present on the tibia of hind pair of legs (scopa)

WINGS / CELLS

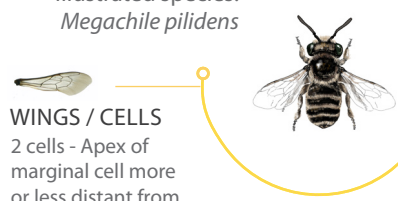
3 cells - Basal vein is almost straight or slightly arch-shaped

BODY LENGTH 6 - 16mm



Megachile (Megachilidae)

Illustrated species:
Megachile pilidens



WINGS / CELLS
2 cells - Apex of marginal cell more or less distant from forewing margin. Second recurrent vein terminates before the second submarginal vein.

HEAD

Strong mandibles, mostly 4- or 3-toothed.

BODY

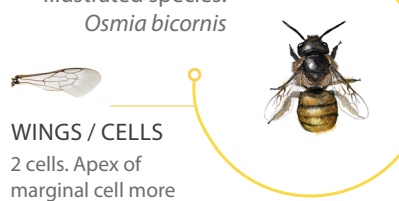
First tergites strongly concave that allows the insect to elevate the abdomen upwards. Arolia missing between the two leg nails.

BODY LENGTH 8 - 30 mm



Osmia (Megachilidae)

Illustrated species:
Osmia bicornis



WINGS / CELLS
2 cells. Apex of marginal cell more or less distant from anterior wing margin. Second recurrent vein terminates before the second submarginal vein.

BODY

Cuticle sometimes with metallic hues
♀ with abdominal scopa (pollen brush)

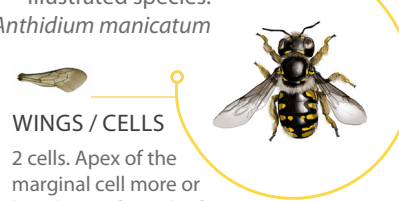
Presence of arolia between the two leg nails

BODY LENGTH 4 - 16mm



Anthidium (Megachilidae)

Illustrated species:
Anthidium manicatum



WINGS / CELLS
2 cells. Apex of the marginal cell more or less distant from the front edge of the wing. Second recurrent vein ending after the second submarginal vein.

BODY

Cuticle is mostly black and yellow; only few hairs
♀ with abdominal scopa. Arolia between the two leg nails absent or present.

BODY LENGTH 4 - 30 mm



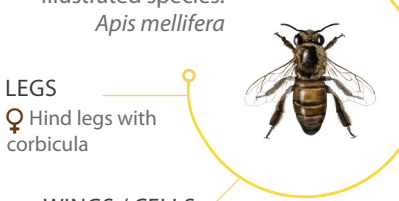
SUBMIT YOUR IMAGES TO: www.life4pollinators.eu/submission

For more information on each group, please visit:
www.life4pollinators.eu/bees



Apis mellifera (Apidae)

Illustrated species:
Apis mellifera



LEGS
♀ Hind legs with corbicula

WINGS / CELLS

3 cells. Marginal cell is an elongated ellipse, reaching the wing margin.

BODY

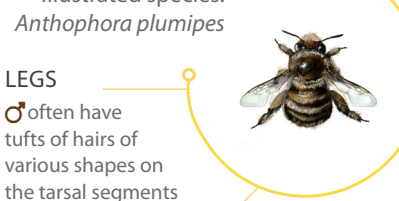
Little hairy body, more hairs on thorax; cuticle with reddish areas
Common name: **HONEY BEE**

BODY LENGTH 13 - 16mm



Anthophora (Apidae)

Illustrated species:
Anthophora plumipes



LEGS
♂ often have tufts of hairs of various shapes on the tarsal segments of the second pair of legs

WINGS / CELLS

3 cells

BODY

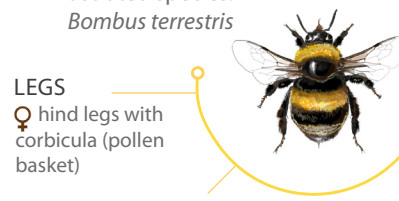
♀ Noticeable scopa on hind pair of legs. Whole body very hairy, with or without bands, rarely black.
Quick flight.

BODY LENGTH 8 - 16mm



Bombus (Apidae)

Illustrated species:
Bombus terrestris



LEGS
♀ hind legs with corbicula (pollen basket)

WINGS / CELLS
3 cells Sm. First submarginal cell split in two by a narrow line

BODY

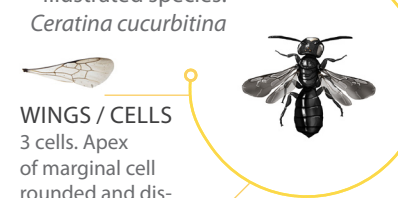
The whole body is very hairy with black cuticle
Patterns: black/ yellow or white and black/red or orange

BODY LENGTH 13 - 30 mm



Ceratina (Apidae)

Illustrated species:
Ceratina cucurbitina



WINGS / CELLS
3 cells. Apex of marginal cell rounded and distant from margin

HEAD

♀ Face with typical pale yellow mark with an I shape.

♂ Face with typical pale yellow mark with a reverse T shape.

BODY

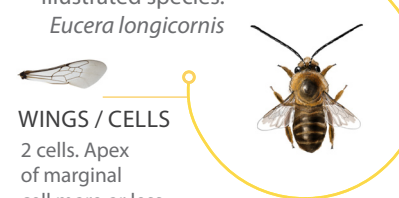
Most species are small, with few hairs and a black, green or metallic blue cuticle.

BODY LENGTH 4 - 13mm



Eucera (Apidae)

Illustrated species:
Eucera longicornis



WINGS / CELLS
2 cells. Apex of marginal cell more or less distant from forewing margin, pointed or tightly rounded.

ANTENNA

♂ Antennae almost as long as the whole body.

BODY

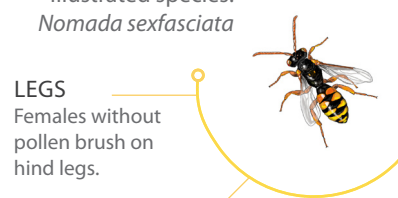
Little hairy body, flattened, enlarged abdomen; black abdomen cuticle with light bands on the apical edges of the tergites.

BODY LENGTH 8 - 16mm



Nomada (Apidae)

Illustrated species:
Nomada sexfasciata



LEGS
Females without pollen brush on hind legs.

WINGS / CELLS

3 cells. Apex of the marginal cell narrow and pointed, close to the front edge of the wing.

ANTENNA

Antennae often at least partially red

BODY

Body with few hairs. Wide parts of the body with bright red or bright yellow cuticle, or black with white or yellow spots.

Similar to wasps!

BODY LENGTH 4 - 16mm

