

How to upload photos

Step 1. Sign up

www.inaturalist.nz



How It Works



1



2



3

Record your observations

Share with fellow naturalists

Discuss your findings

Step 2. Upload your image

Drag & drop some photos or sounds

or

Choose files

Add descriptions

- taxonomic group
- date & location photo was taken
- Additional notes

Editing 1 observation:

Details

Species name

2021/03/21 5:04 PM NZDT

Location

Notes

Location is public

☐ Captive / Cultivated

Tags

Projects

Fields

Offset Time

Species name

2021/03/21 5:04 PM NZDT

Location

Notes

Step 3. Submit 1 observation

Check back regularly to view comments, suggested identifications, and to add more!

CONTRIBUTE TO CITIZEN SCIENCE!



Upload a picture of any wild plant, animal, or fungus



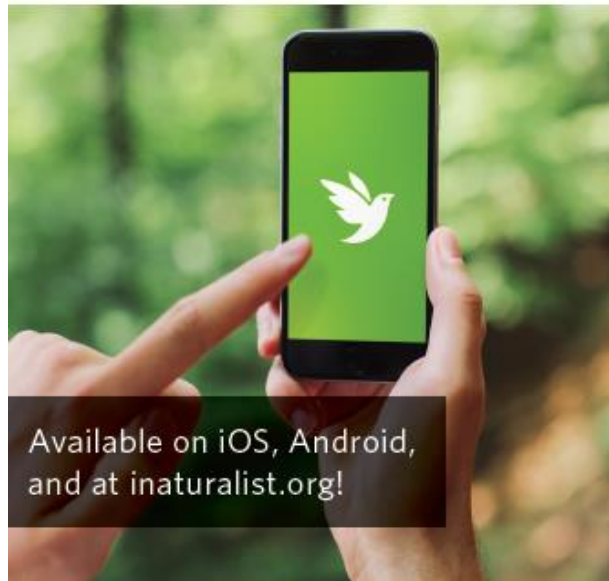
iNaturalist's community and image recognition software will help you identify it



Help out other naturalists by identifying their observations



Every observation becomes part of a growing record of Earth's biodiversity



Available on iOS, Android, and at inaturalist.org!

Is it a Bee?

You can use iNaturalist.nz as a tool to discover your own backyard!



Sweat Bee

iNaturalist ID: 346909095



Plasterer Bee

iNaturalist ID: 85930796



Masked Bee

iNaturalist ID: 344940212

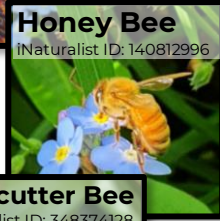
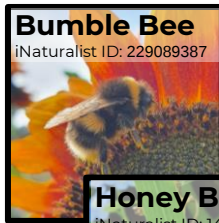


Bees of New Zealand

Introduced bees

Honey bees and bumble bees were introduced to NZ to pollinate. Both are social, active most of the year (less so in winter), and easy to identify.

Some introduced bees, like the Lucerne leafcutter bee, are solitary or communal often nesting in twigs or soil.



Native bees (Ngaro huruhuru)

New Zealand has 28 species (3 genera) of native bee, referred to as ngaro huruhuru in te reo. They are mostly solitary, active in spring and summer, and often misidentified as small flies.



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of bees

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ento.org.nz



Become a Citizen Scientist!



Share your
observations to
iNaturalist.nz!

Over 37 million
observations of bees in
New Zealand have been
submitted to iNaturalist!

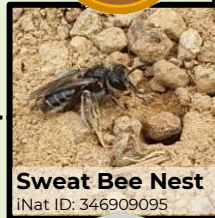


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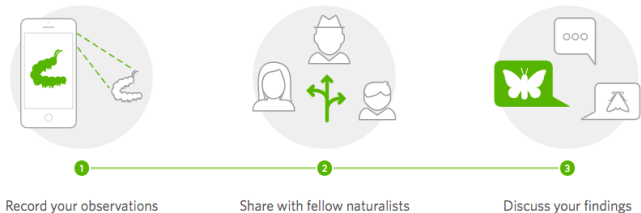
To join Projects via web browser, hover over "Community" on top menu, click "Projects". Here, you can search, scan, or start new projects.

me pēhea te tuku ake i o pikitia

Ko te tāhirā tuatahi: haina
www.inaturalist.nz



How It Works



Ko te tāhirā tuarua: Tukuna ake to pikitia
Toia me te whakataka ētahi pikitia, oro ranei.
Drag & drop some photos or sounds

Upload

or

Choose files

- tāpiri whakāhuatanga
- Whakarōpūtanga
 - Te ra me te wāhi o te pikitia
 - Tuhinga tāpiri

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Ko te tāhirā tuatoru: tuku tetahi tirohanga

Tirohia hoki ki te tiro i ngā kōrero, ngā tautuhi, me te tāpiri atu

Submit 1 observation

TAKOHA KI TE PŪTAIAO TANGATA WHENUA



Tukuna he pikitia o tētahi tipu mohoao, kararehe, harore ranei.



Ma te hāpori o te iNaturalist me te rorohiko tohu whakāhua ka awhina koe ki te tautuhi i tera.



Awhina i ētahi atu tangata māori ma te tautuhi i o rātau kitenga.



Ko ngā tirohanga katoa ka whai wāhi ki te tipu haere o ngā rekoata mō te rereketanga o te Ao.



Kei runga iOS, Android,
me inaturalist.org



He Pi Tena?

Is It A Bee?

Ka taea e koe te whakamahi **iNaturalist.nz** ki te kite i to ake iari

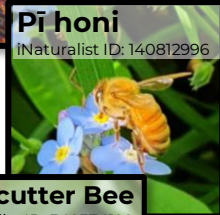


Pī o Aotearoa

Pi whakaurua

He honi pī me te pī rorohū i whakaurua ki Aotearoa ki te ruinga hae. He pāpori ngā mea e rua, he kaha te nuinga o te tau (he iti ake i te takurua), he ngawari ki te tautuhi.

Ko ētahi o ngā pī i whakaurua he mokemoke, he tangata tahi ranei, ka noho kohanga ki roto i ngā manga, i te oneone ranei



Pī māori (Ngaro huruhuru)

E rua tekau mā waru ngā momo o Aotearoa (e toru ngā puninga) o ngaro huruhuru (pī māori). He mokemoke rātou, he kaha i te puna me te raumati, a he maha ngā wā e pōhēhē ana he namu iti.



Whai ia matou i runga i ngā pae pāpāho pāpori!

@TheWaspLady

jandtlab.com



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for the love of bees

forthe love of bees.co.nz



treesforbeesnz.org



ento.org.nz



University of Otago
OTĀKOU WHAKAIHU WAKA



Become a Citizen Scientist!



Tuhia o tirohanga ki iNaturalist.nz

Neke atu i te toru tekau mā whitu miriona ngā kitenga o ngā pī i Aotearoa kua tukuna ki te iNaturalist!



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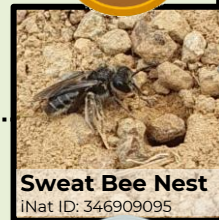
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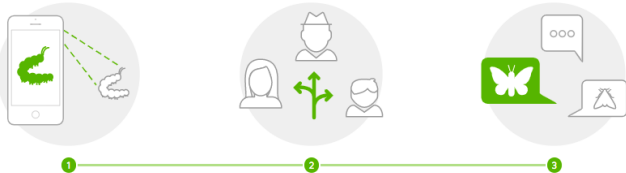
Founga fokotu'utu'u 'a hono fokotu'u ha la'i tā.

'Uluaki: Kau ki he

www.inaturalist.nz



How It Works



Record your observations

Share with fellow naturalists

Discuss your findings

Ua. Fakahu hake ho'o la'itaa.

Drag & drop some photos or sounds

Upload

or

Choose files

Tānaki ha ngaahi fakamatala.

- taxonomic group
- 'Aho pea mo e feitu'u na'e ma'u mai mei 'ai 'a e la'itā.
- Tānaki ha ngaahi fakamatala fekau'aki mo ho'o me'a 'oku'ke fekumi ki ai.

Tolu: Fakahū ho me'a na'e fekumi ki ai.

Vakai ki he ngaahi fakamatala, fokotu'utu'u, pea malava ke tānaki mo ha ngaahi me'a lahi.

KAU KI HE CITIZEN SCIENCE!



Fokotu'u ha la'i tā 'o ha fa'ahinga vao, matala'i'akau, fa'ahinga monumanu, pe ko e 'fungus'.



Koe kominiuti iNaturalist 'oku nau malava 'o tokoni'i koe hono fakamatala'i 'a e me'a 'oku ke fekumi ki ai.



Tokoni ki he kau naturalists fekau'aki mo honau ngaahi fekumi.



'E tokoni lahi 'a e ngaahi fekumi ki hono fakalahi 'a e lekōti 'a e kehekehe 'a e ngaahi me'a mo'ui fakamamani lahi.



Ma'u 'i he iOS, Android, pea 'i he inaturalist.org!



Ko e Hone?

Is It A Bee?

'Oku malava ke ngāue'aki 'a e iNaturalist.nz ko ha me'a ngāue ke fekumi fekau'aki moe me'a mo'ui 'i ho 'ātakai.



Sweat Bee

iNaturalist ID: 346909095



Plasterer Bee

iNaturalist ID: 85930796



Masked Bee

iNaturalist ID: 344940212



Ko e Hone 'a Nu'usila

Hone mei he fonua muli

Koe hone 'oku ui koe "honeybees" pea mo e "bumble bees" na'e fuofua 'ave ki Nu'usila ke ngaue'aki ke fe'ave'aki 'a e efuefu fakafua 'o e matala'i'akau. Koe ongo fa'ahinga 'e ua ko 'eni 'o e hone 'oku na fakatou mo'ui feohi, longomo'ui mo ngaungaue 'i he taimi lahi lolotonga e ta'u (taimi si'i pe lolotonga he taimi momoko), pea faingofua hono fakatokanga'i.

Oku 'i ai e fa'ahinga hone mei he fonua muli 'oku fakamavahe'i mei he ni'ihiki kehe pe 'oku lalata ki he nofo 'i he 'akau pe ko e 'i he kelekele.



Hone tu'ufonua 'a Nu'usila

'Oku mau 'e Nu'usila 'a e fa'ahinga hone 'e 28 (3 genera), 'oku ui koe "ngaro huruhuru" 'i he lea Te Reo. 'Oku nau lahi nonofo fakamavahe mei he ni'ihiki kehe, ngaungaue 'i he lolotonga e faha'i ta'u mafana pe faha'i ta'u fai lau, pea 'oku tou fehala'aki pea moe fanga nono.



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Tō matala'i'akau ke lahi

For more information on pollinator-friendly gardening



for the love of bees

'I he 'ofa moe mahu'inga 'o e fanga hone

forthe love of bees.co.nz



treesforbeesnz.org



ento.org.nz



Kau mai ki he Citizen Science Initiative!



Vahevahe ho'o me'a na'e ma'u pe ko ho'o fekumi ki he iNaturalist.nz!

'Oku 'ova he 37 miliona 'a e ngaahi hone 'oku ma'u 'i Nu'usila he iNaturalist!

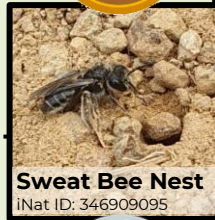


Kamata pe kau mai ki he iNaturalist Projects!

Ko e Projects 'oku'ne fakatahataha 'a ho'o ngaahi 'ilo moe fekumi mo kinautolu 'i he iNaturalist. Pe ko ha'o kamata ha feinga ki he citizen science pe ko ha'o tokanga mo tauhi ki he fanga hone 'i ho'o 'atakai, koe Projects 'a e founa lelei taha.

Ground Nesting Bees

'I ho'o fakatokanga'i 'a e fehua'aki 'a e fanga hone mei ha fanga ki'i luu 'i he kelekele, 'oku malava ke ke tanaki ho'o fekumi koia ki he iNaturalist Project ko e "Ground Nesting Bees."



Ngaro Huruhuru

Ko e tanaki ho'o ngaahi fekumi ki he hone tu'u fonua 'a Nu'usila ki he iNaturalist, 'oku tanaki hangatonu ia ki he Project 'i he iNaturalist "Ngaro Huruhuru - Native Bees of New Zealand".



Ko e founa ke kau ki ha Projects 'i he web browser, ko e kumi 'a e "Community" 'oku ma'u 'i he top menu, ke kau ki ha "Project". 'I heni, te ke malava 'o fai ha'o fekumi, sivi, pe ko e kamata ha ngaahi projects fo'ou.

Tuu ane i luga lou ata

Laasaga 1. Faailoa lou suafa

www.inaturalist.nz



How It Works



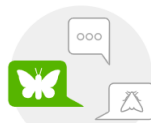
1

Record your observations



2

Share with fellow naturalists



3

Discuss your findings

Laasaga 2. Tuu ane i luga lou ata

Drag & drop some photos or sounds

Upload

or

Choose files

Faamatalaga auiliili

- Faavasegaga i ituaiga eseese
- Aso ma le nofoaga na pu'e ai le ata
- Faamatalaga faaopoopo

Editing 1 observation:

Details

Species name

2021/03/21 5:04 PM NZDT

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Lagolago i su'esu'ega faa-le-natura



Uta i luga se ata ose la'au vao, ose meaola, poo se lega/limu



Ole a fesoasoani le polokalama a le faalopotopotoga o "iNaturalist's" e faaiola le ituaiga o la'au vao, manu fe'ai poo le lega/limu ua e utaina i luga



Fesoasoani i nisi tagata o galulue i galuega faa-le-natura ile faailoaina o latou matauga



O matauga taitasi ole a faatupula'ia ai faamaumauga o meaola eseese a le lalolagi



E maua ile "iOS Android" po o le "inaturalist.org"



O Se Lagomeli?

Is It A Bee?

E mafai ona e fa'aogaina le **inaturalist.nz** e fai ma meafaigaluega e su'esu'e ai lou tuafale!



O lagomeli a Niu Sila

O lagomeli na faalauiloa i totonu o Niu Sila

O lagomeli o le "honey bee" ma le "bumble bee" na faalauiloa i totonu o Niu Sila mo le fefaasuaiga o fuga o laau. E fa'aagafesoota'i uma, ma e galulue i le tele o le tausaga (ae fa'aitiitia i le taumalulu) ma faigofie ona iloa.



O nisi o lagomeli na faalauiloa e nofo to'atasi pe ofaga fa'atasi foi i lala laiti o laau po'o le palapala

O lagomeli moni o Niu Sila

E 28 ituaiga lagmeli moni eseese i totonu o Niu Sila (ae 3 ni vaega tetele). E tele ina nonofo to'atasi, toe galulue ile vaitau e totogo ai laau ma le vaitau mafanafana, ma e masani foi ona faaseseina o ni lago laiti.



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ento.org.nz



Become a Citizen Scientist!



Faasoa au su'esu'ega!

E silia I le 37 miliona su'esu'ega o lagomeli moni o Niu Sila ua uma ona tuuina mai ile "iNaturalist"!

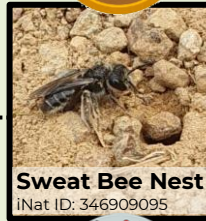


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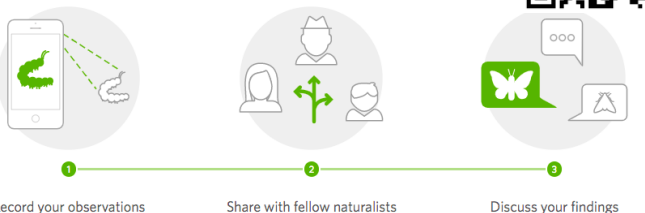


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O na biuta vakacava nomui taba ena inaturalist.nz

1. Vakalewena na kemui tukutuku ena: www.inaturalist.nz

Na veika ona cakava qo



2. Digitaka nomui taba se yaloyalo

Upload

Dreta ma ka biuta eke nai taba se yaloyalo

Choose files

Vakamacalataka:

- Na tiki ni siga kei na vanua e tauri kina nai taba
- Nai kuri ni kena vaka macala

Editing 1 observation:

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3. Vakauta nomu vaka didike

Qai dau lesuva vaka wasoma nomu vaka didike mo raica na veitalanoa kei na nodra rai na lewe ni vanua. Ka vakakina kevaka ko via kuria na veitalanoa se vaka nananu.

Submit 1 observation

VAKAITAVI ENA VAKA DIDIKE VAKA LEWE NI VANUA!



Biuta mai nai taba ni veika bula, manumanu, veico bula se faqasi.



Na vuvale levu ni iNaturalist kei na kena porokaramu ni mona livaliva e vakayagataka, ena vukei iko ka dikeva vei iko na vei taba kece ni veika bula o biuta kina.



Vukei ira na dau ni vaka didike eso ena kena kilai na veika era dikeva tiko



Na vei vaka didike kece kei na noda nanuma sa na tiki tiko ni dua nai vola I tukutuku ni vei mataqali ka bula kece ena noda vuravura.



Sa na rawa talega nio raica ena nomu talevoni na Android kei na iOS, na "inaturalist.org"



Na oni beka qo?

Is It A Bee?

Vakayagataka na iNaturalist.nz me nomu gaunisala ni vakadikeva na veikabula era bula vaka volivoliti iko se ena taudaku ni nomu vale!



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iNaturalist ID: 346909095



Plasterer Bee

iNaturalist ID: 85930796



Masked Bee

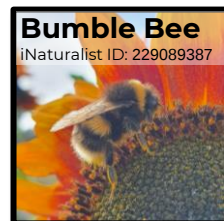
iNaturalist ID: 344940212



Na Oni ni Niu Siladi

Na Oni era kau mai

Na Oni koya edau solia na 'De ni Oni' se Honey kei na Oni Dromodromo Loaloa se Bumble Bee, erau a vakau mai Niu Siladi me mai vukea na nodra va kawa na senikau. Erau Oni dau bula vakai kumukumu ka ra dau yavala mai ka laurai vakalevu ena loma ni yabaki ka vaka lailai ena gauna ni batabata. E dau rawarawa sara na noda vakatakilakila taki rau.



Eso tale vei ira na Oni era vakau mai na vanua qo o Niu Siladi era sega ni bula vakai kumukumu. Era dau vakasucu ena vuqa na gauna ena taba ni kau se ena loma ni quele.

Na Oni Taukei

E 28 taucoko na vei mataqali Oni era tu ena vanua qo o Niu Siladi ka vakatokai na yacadra vakai taukei eke me Ngaro Huruhuru. Era sega ni bula vakai kumukumu ka ra dau laurai vakalevu ga ena vula l tubutubukei na vula l katakata. Dau levu na gauna era dau kila leca taki ni ra lago lalai.

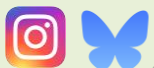


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treesforbeesnz.org



ento.org.nz



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Wasea nomu vaka
didike!

E sivia na 37 na milioni na lewe ni vanua era sa dau vakadikeva tu na Oni ena vei yasai Niu Siladi ka sa tu na kena macala ni nodra vaka didike ena "iNaturalist"!



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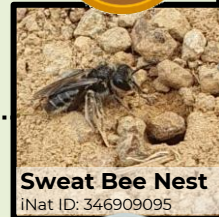
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