

Puka Whakamārama o te Pepe Nui Te Hīheru



Te Takeka mai o te Pepe

I pikī ake a Tāne, te Atua o te kahere, ki kā Raki Tūhāhā, kia toro atu ki tōhona tuakana a Rēhua. Nā Rēhua he ahi tunu kai, he hue hoki i tono. Ko tā Tāne, 'He aha tā tāua kai e te tuakana?' Kā rūrū e Rēhua tōhona upoko kia tatau kia rua kā kōkō i īohna makawē. Tūmeke atu a Tāne, kīhai ia i te piraki kai i kā manu tapu nō te upoko o tōhona tuakana. Ka uia kē e ia, 'Me whakahōki ēnei manu ki a Papatūānuku?' I whakaae a Rēhua, ā, ko tā Rēhua ka noho kā manu ki kā rākau, ka kai i kāhua o te kahere. I a Rēhua e rūrū ana i tōhona upoko i puta atu hoki ētahi atu 'manu' o Rēhua, arā a Pepe, a Tātarakihi, a Pihareika, a Kēkerewai. Ko ēnei pēpeke ko tapaina ko 'Kā Manu a Rēhua', ā, he manu e puta mai i te raumati.

Kā Whetū

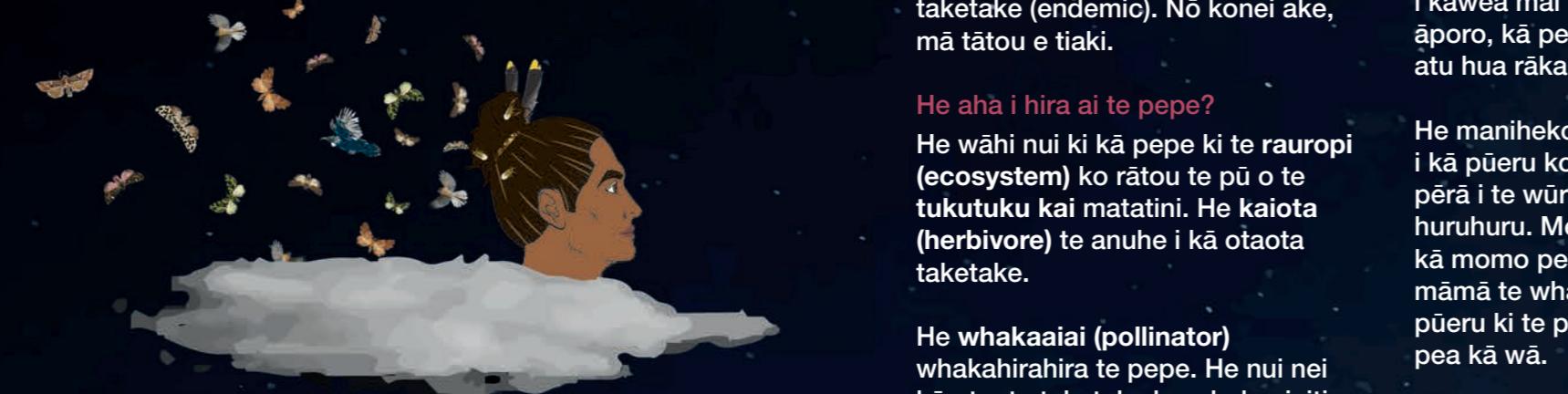
Ko te kōrero o pepe ko kawea e te kāhui whetū o Rēhua te mātāmua o Raki rāua ko Papa. Ko ia te whetū whero, te ariki o kā whetū.

Wairua Takata

Ko ō te whakaaro Māori ko te wairua o rātou ko wehe ki te pō, ko hoki mai ki te ao marama hai pepe,

He mea whakahōrahira te pepe ki te rerekā rauropi (biodiversity) o Aotearoa

He whānau rahi te Lepidoptera, arā ko kā pepe me kā pūrerehua. Ko rātou te tuatoru o kā pēpeke katoa i Aotearoa. 1750 nui ake kā momo pepe kua tapaina. E ai ki kā kaipūtaiao kia 300 anō kāore anō kia huraina.



He motubake te Pepe

86% o kā pepe i Aotearoa he mea taketake (endemic). Nō konei ake, mā tātou e tiaki.

He aha i hira ai te pepe?

He wāhi nui ki kā pepe ki te rauropi (ecosystem) ko rātou te pū o te tukutuku kai matatini. He kaiota (herbivore) te anuhe i kā otaota taketake.

He whakaaiai (pollinator)

whakahōrahira te pepe.

He nui nei kā otaota taketake ka whakaaiaitia e te pepe. Ka mahi tēnei mahi nui i te pō i a te marea e moe ana, nā reira ka whakarapaina e tātou te mahi rakatira o te pepe. He tino kai te pepe mā kā pēpeke me kā manu taketake. Heoi anō hē kai mātua hoki ki kā riha rāwaho pērā i te kiore iti me te kiore.

He riha hoki te pepe

Ko Hihue (te Pepe Kūmara, *Agrius convolvuli*) tētahi riha nui i kā māra kūmara. He nui hoki kā whakataukī mō te āwhato me te nui o tāna mahi kai.

"Ka puta te pepe i te pō,
ka puta ki te wero tuna"
Tangiwi Rewi

He riha rāwaho nō inātata nei ko te pepe codling (*Cydia pomonella*)

i kawea mai i Uropi, ā, ka kaika kā āporo, kā pea, kā wōronati me ētahi atu hua rākau.

Mā wai e whai hua i te mātai pepe?

Ka puta te pepe i te pō nā reira kāore te nuika e mōhio ana e hia, kai te aha rānei kā pepe. Me te whakarapa tonu, ekari me kohi kā pepe kia tūtohu.

Me hopu te pepe?

Ka puta te pepe i te pō nā reira kāore te nuika e mōhio ana e hia, kai te aha rānei kā pepe. Me te whakarapa tonu, ekari me kohi kā pepe kia tūtohu.

Kuputaka

Lepidoptera: Pepe, Pūrerehua

Taketake/Endemic:

Nō tērā wāhi

ake

Rauropi/Ecosystem:

Ko te taiao

me īohna īhūatakā katoa

Tukutuku kai:

Ka kai a wai i wai

Kaiota:

Ka rārere kai otaota anake

Huna/Nocturnal:

Ka mahi i te pō

Haporī/Community:

Kā momo

koiora nō tētahi takiwā

Mā raro nei he wāhi īwhina anō

www.landcareresearch.co.nz/mothnet

Email: MothNetOtago@gmail.com

@MothNetNZ

MothNetNZ

www.naturewatch.org.nz/

Entomological Society of New Zealand:

www.ento.org.nz

Kā mihi

Kā tuhia, te kiko me te haka o te pānui nā Dr Barbara J Anderson, rātou ko Komene Cassidy, ko Victoria Campbell, ko Dr Robert Hoare, ko Tiahua Kawe-Small, ko Tahu MacKenzie, ko Dr Ralf Ohlemüller, ko Tangiwai Rewi, ko Dr Priscilla Wehi, ko Emma Burns. Nā Sean W Gilles kā whakaahua. I kohia e Dr Robert Hoare, rātou ko Brian Patrick, ko te hapori pepe o Aotearoa te rāraki pepe. Nā Birgit Rhode kā whakaahua mai i kā tauria i te NZAC, nā te pūtea tautoko mai i Terrestrial Freshwater Biodiversity Information System (TFBIS).

1.

He momo pepe hou kā whakaāhuria i Hoare, R.J.B. e whakātā ana. *Noctuinae* (Insecta: Lepidoptera: Noctuidae) 1: *Australathes, Cosmodes, Proteuxoa, Physetica*. Ao kararere Aotearoa. Kāore anō kia tapaina i tēnei pānui

2.

He uaua te tautohu i te *Wiseana mimica*, *W. jocosa*, *W. cervinata* me tō *W. fuliginea* mai i te *W. copularis* nō te whakaāhuria noa; tirohia 'Hepialidae' nā J.S. Dugdale (vol. 30 of *Fauna of New Zealand*) kia tika tō tautohu, kia kitea hoki he kōrero.

3.

He uaua te tautohu i te momo *Aoraea* nō te whakaāhuria noa; tirohia 'Hepialidae' nā J.S. Dugdale (vol. 30 of *Fauna of New Zealand*) kia tika tō tautohu.

4.

Ka noho hoki a *Physetica funerea* i tēnei takiwā ekari kia wehewehe atu i *P. cucullina* me āta titiro te pūhihi o te toa.

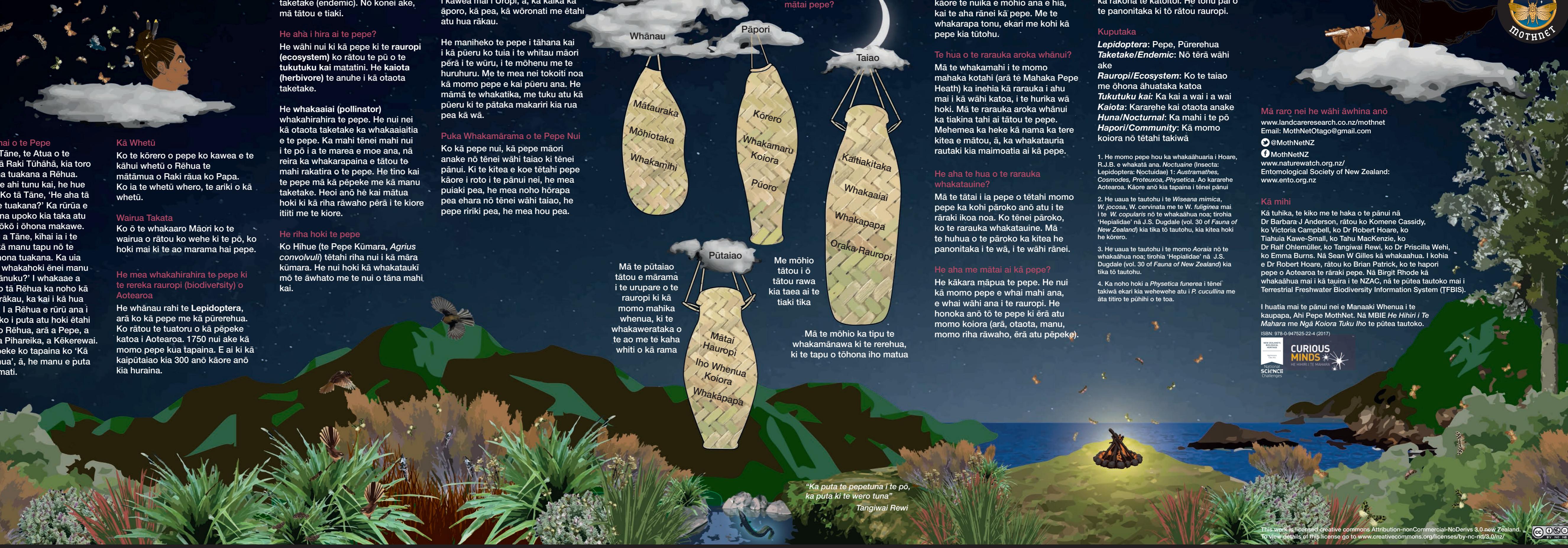
5.

I huatia mai te pānui nei e Manaaki Whenua i te kaupapa, Ahi Pepe MothNet. Nā MBIE He Hīhiri i Te Mahara me Ngā Koiora Tuku Iho te pūtea tautoko.

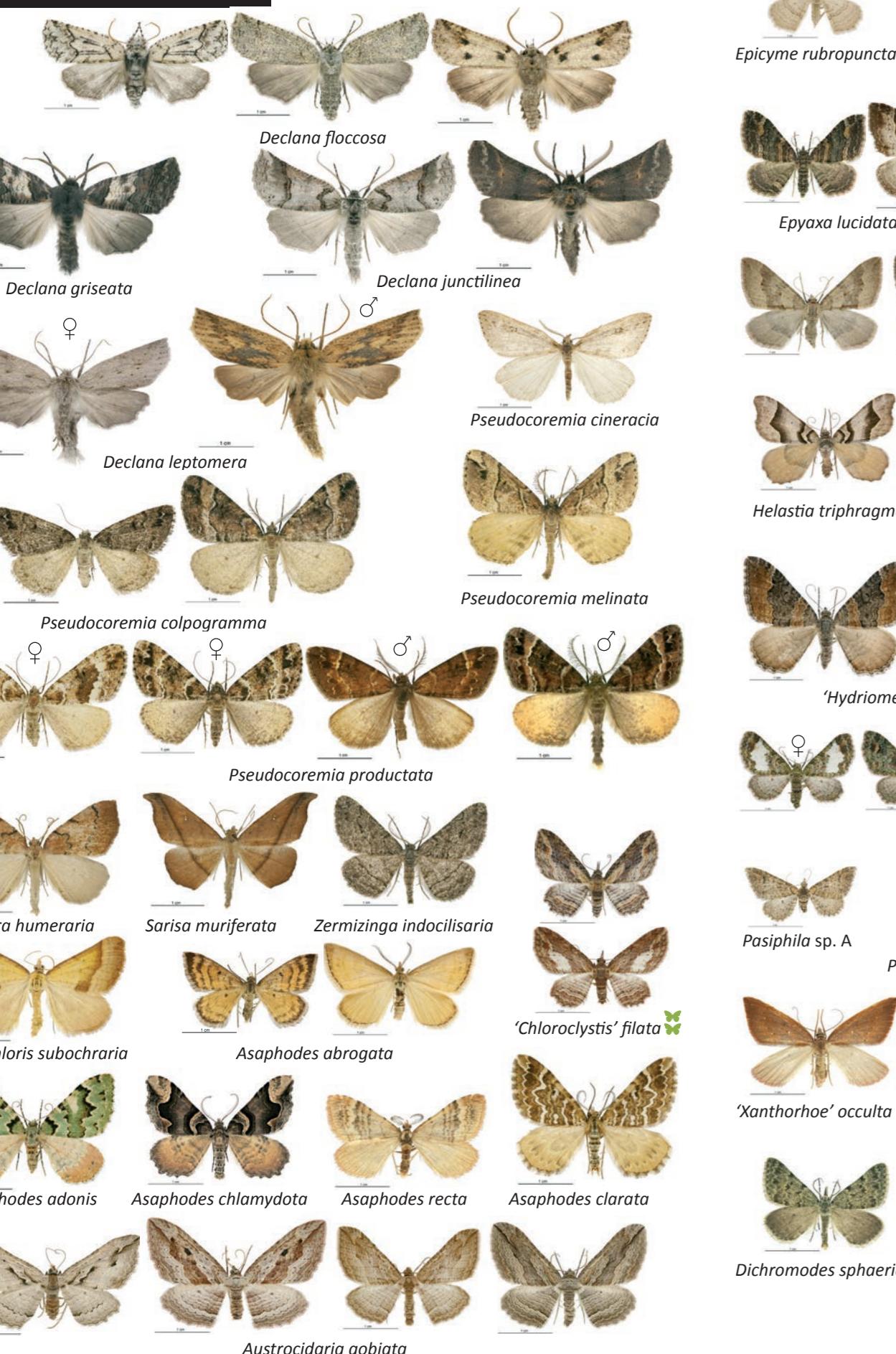
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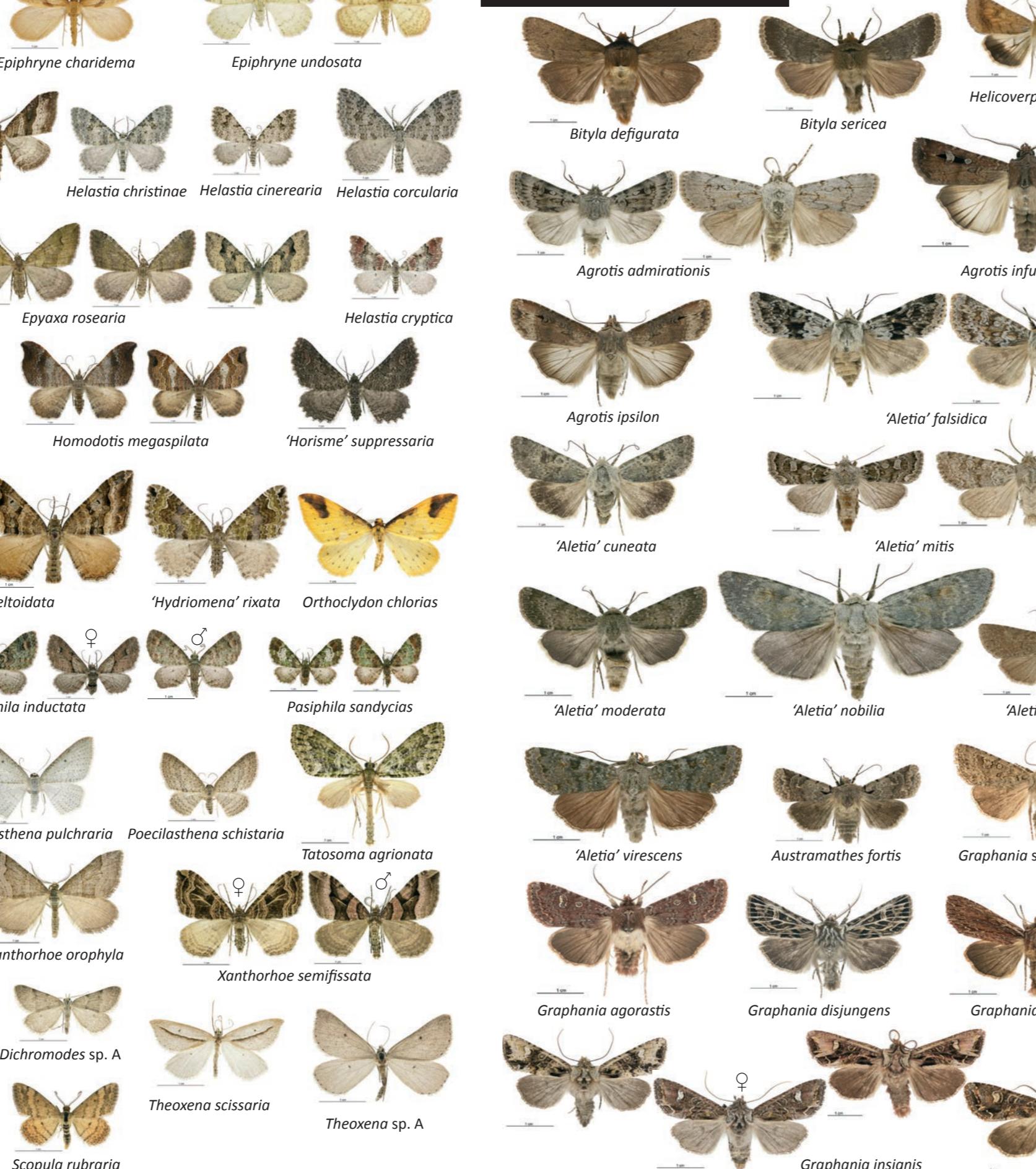
National Science Challenges CURIOUS MINDS HE HIHIRI I TE MAHARA



Geometridae



Noctuidae



Hepialidae

