



# Occlupanids in Hong Kong

Species diversity, rarity, distribution, hosts, and more

Kurisu

Updated on 2022 July 06

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## **Disclaimer**


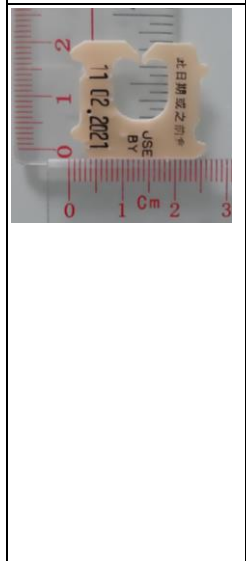



Information of this document will not be applicable outside Hong Kong. This document aims to help local and foreign occlupanologists, field researchers and occlupanid collectors, on their research, investigations, and field trips.

Since this document is written by only one amateur occlupanologist, information may be inaccurate and incomplete. Any help or constructive feedbacks will be most appreciated.

Credits to A. Lee and Aikeday for providing information and proofreading this document.


## Archignathidae: Diplacofelis wangi

Thought to exist only in Japan, *D. wangi*'s existence in Hong Kong can be dated back to [2020 May](#) or earlier.

	<p>Red <i>D. wangi</i> with no markings can be found on egg tofu of Topvalu (a brand under AEON) in AEON Style/Supermarket stores. However, it is not guaranteed to find this product in every AEON Style/Supermarket store.</p> <p>Recommended budget for acquisition: 35 HKD</p>
	<p>Beige <i>D. wangi</i> with black markings used to be found on products of Baker's Choice, a bread brand which its products could be found in supermarkets under A. S. Watson Group, including Parknshop, TASTE, fusion, Great Food Hall, Gourmet, food le parc, International, etc. However, this variant is no longer available since 2021 March and is considered extinct, after the packaging overhaul of all Baker's Choice products. While attempts of contacting Baker's Choice's Customer Service Department were made, no definitive answer about the fate of this variant was given. Since then, all Baker's Choice products were closed by <i>P. grandis</i>.</p> <p>Recommended budget for acquisition (when available): 10-20 HKD</p>
	<p>The origin and host of blue <i>D. wangi</i> with no markings cannot be determined due to lack of information. It was known to have existed before 2018 October, according to an <a href="#">Instagram post</a> made by 13ills, a Hong Kong user.</p>
<p>Gallery:</p> <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  <p><i>beige D. wangi preying on Baker's Choice product</i></p> </div> <div style="text-align: center;">  <p><i>red D. wangi preying on Topvalu's egg tofu</i></p> </div> </div>	





## Archignathidae: Infirmimaxilla kurisu

While its existence can be dated back to [2020 August](#), *Infirmimaxilla kurisu* was an undocumented species when specimen of it was first collected in Hong Kong on 2021 May 25. Having the same dimension as *Unidentia wrightae* and several other species, its oral groove is strikingly big and its jaws can be bent easily as the result. Different from most *Orthogonidectes* occlupanids, the paraoral adit (the indented space that opens into the oral groove) of *I. kurisu* resembles the shape of a champagne coupe instead of a triangle, and the oral hooks of *I. kurisu* are rounder.

	<p>Only white <i>I. kurisu</i> with no markings have been spotted so far. However, it can be found with three types of amiculum (refer to Gallery for the third type), all types were found on grapes imported from Japan, which is available in Yau Ma Tei Fruit Market, SOGO, Great Food Hall, YATA, AEON Style/Supermarket, Don Don Donki, APITA UNY, MUJI Food Market, bless, Ming Fruit Shop, etc. It should be noted that prices of <i>I. kurisu</i>'s prey vary significantly, and it is advised to look for <i>I. kurisu</i> on ground in stores mentioned above.</p> <p>Recommended budget for acquisition: 90-700 HKD</p>
<p>Gallery:</p> <div style="display: flex; justify-content: space-around; align-items: flex-end;">    </div> <p style="text-align: center;"><i>I. kurisu</i> preying on Japanese grapes</p>	

## Archignathidae: Megapanis sonorus



Still undocumented when spotted in Hong Kong on 2021 July 7, the oral groove of the *Megapanis sonorus* specimen collected is observed to have a vertical offset of 1mm when compared with the specimen sent to Holotypic Occlupanid Research Group (HORG) by Dry Water Occlupanid Research Center (DWORC).

	<p>White <i>M. sonorus</i> with blue markings can be found on alfalfa hay of the brand American Pet Diner in Moon Rabbit Hotel. Recommended budget for acquisition: 130-200 HKD</p>
	<p>White <i>M. sonorus</i> with no markings can be found on timothy hay (24oz) of the brand Kaytee in Whiskers N Paws. Recommended budget for acquisition: 75-200 HKD</p>
<p>Gallery:</p>  <p><i>M. sonorus</i> preying on alfalfa hay</p>	 <p><i>M. sonorus</i> preying on timothy hay</p>



## Archignathidae: Oosoma feniseca




The existence of *Oosoma feniseca* had been suspected since the sighting of *M. sonorous* as both species were known to be preying on rabbit hay. *O. feniseca* was finally spotted in Hong Kong on 2022 April 20.

	<p>Only white <i>O. feniseca</i> with no markings have been spotted so far, which can be found on timothy hay (96oz) of the brand Kaytee in Whiskers N Paws. Recommended budget for acquisition: 200 HKD</p>
<p>Gallery:</p>  <p><i>O. feniseca</i>'s prey</p>	

## Archignathidae: Quadratopalpus ilex

Quadratopalpus ilex's existence in Hong Kong can be dated back to 2013 (credit to A. Lee) or earlier. Q. ilex spotted in Hong Kong may have slight differences when compared to the image in HORG, such as its oral groove being slightly larger or more towards the side. The reason behind these mutations is yet to be determined.

It is rarely seen in our daily lives as families are believed to prefer Garden products preyed by P. grandis and P. utiliformis. Therefore, this species should be tracked down manually for collection purposes.

	<p>Seven colours of Q. ilex with blue markings are used on different days in a week by Garden on their Hot Dog Buns, Hamburger Buns and English Muffins.</p> <p>Usually, blue version can be found on Monday; red version can be found on Tuesday; orange version can be found on Wednesday; yellow version can be found on Thursday; green version can be found on Friday; beige version can be found on Saturday; white version can be found on Sunday.</p> <p>This variant and its prey can be found in most supermarkets. It should be noted that Q. ilex and its prey is usually displayed on racks sparsely, but a greater quantity of English Muffins preyed by Q. ilex can be found in AEON Style/Supermarket on Wednesday at a cheaper price.</p> <p>Recommended budget for acquisition: 10-15 HKD</p>
<p>Gallery:</p>  <p><i>Q. ilex</i> preying on Garden Hot Dog Buns</p>	 <p><i>Q. ilex</i> preying on Garden English Muffins</p>



## Corrugatidae: Chiasmogramma vercepa

Thought to exist only in the British Isles, *Chiasmogramma vercepa* was spotted in Hong Kong for the first time on spring onions on 2021 November 27 in a Marks & Spencer store. It is advised that specimens are to be detached from rubberbands with caution because of the narrow raptoral stricture (the space between oral hooks) and the brittle nature of Corrugatidae and Kenodontidae specimens.



Only white *C. vercepa* with no markings have been spotted so far. However, it can be found with two types of amiculum, both of which preys on spring onions and salad onions in Marks & Spencer. It should be noted that while field trips were conducted in Marks & Spencer stores in the past, *C. vercepa* was not present at the time, which indicated that *C. vercepa* only appears in certain period of the year.

Recommended budget for acquisition: 30-40 HKD

Gallery:



*C. vercepa* preying on spring onions

## Corrugatidae: Genevertonicus quimbyi

*Genevertonicus quimbyi* was spotted in Hong Kong for the first time on melons in nets imported from USA, in one store in Yau Ma Tei Fruit Market on 2021 June 7. Out of the three specimens found at the store, only one specimen was intact when acquired, the other two specimens have a palp and an oral hook missing respectively. To prevent similar damages, it is advised that specimens are to be detached from nets with caution and pantience because of the narrow raptoral stricture (the space between oral hooks) and the brittle nature of Corrugatidae and Kenodontidae specimens.



Only white *G. quimbyi* with no markings have been spotted so far, which can be found preying on melons imported from USA in one store in Yau Ma Tei Fruit Market and Ming Fruit Shop. It should be noted that *G. quimbyi* and its prey were only available for a short amount of time after 2021 June 7, and may not be available for most of the time in the year.  
Recommended budget for acquisition: 70-100 HKD

Gallery:



*G. quimbyi* preying on American melons

## Haplognathidae: Stomatocardia obtusa

*Stomatocardia obtusa* was spotted in Hong Kong for the first time on baby choy sum and choy sum imported from Australia on 2021 May 30 in Great Food Hall.

	<p>Only white <i>S. obtusa</i> with no markings have been spotted so far. However, it can be found with three types of amiculum, which is used to indicate its prey. <i>S. obtusa</i> preys on choy sum, baby choy sum, and baby buk choy in Great Food Hall. It should be noted that while field trips were conducted in Great Food Hall prior to 2021 May 30, <i>S. obtusa</i> was not present at the time, which indicated that it is not guaranteed to find <i>S. obtusa</i> in Great Food Hall.</p> <p>Recommended budget for acquisition: 40 HKD</p>
<p>Gallery:</p>  <p><i>S. obtusa</i> preying on Australian baby choy sum</p>	

## Haplognathidae: Unidentia kinkani

Still undocumented when the orange variant of *Unidentia kinkani* was spotted in Hong Kong on 10 March 2021, the white variant was later spotted on 2021 April 22. The specimens found in Hong Kong prey on kumquat imported from Imari city, Saga prefecture, Japan.



Only white and orange *U. kinkani* with no markings have been spotted so far, both of which preys on kumquat imported from Japan.

*U. kinkani* and its prey was found in several stores in Yau Ma Tei Fruit Market, SOGO and AEON Style at MegaBox.

It should be noted that *U. kinkani* and its prey were only available for approximately two months after its discovery in 2021 March and was never seen afterwards, it is speculated that *U. kinkani* may not be available for most of the time in the year.

Recommended budget for acquisition: 50-80 HKD

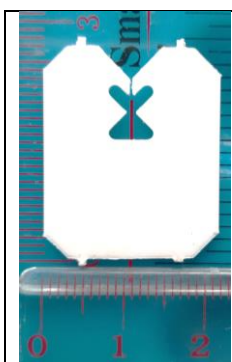
Gallery:



*U. kinkani* preying on Japanese kumquat

## **Kenodontidae: Rugoroides deliquidentis**

*Rugoroides deliquidentis* was spotted in Hong Kong for the first time on melons imported from Australia, in one store in Yau Ma Tei Fruit Market on 2022 January 25. It is advised that specimens are to be detached from nets with caution and pantience because of the narrow raptoral stricture (the space between oral hooks) and the brittle nature of Corrugatidae and Kenodontidae specimens.



Only white *R. deliquidentis* with no markings have been spotted so far, which can be found preying on melons imported from Australia in one store in Yau Ma Tei Fruit.  
Recommended budget for acquisition: 35 HKD

Gallery:







*R. deliquidentis* preying  
on Australian melons



## Toxodontidae: Palpatophora glyphodorsalis

While *Palpatophora glyphodorsalis* was rumoured to have existed in Hong Kong before 2022 because of an [image](#) of occlupanids sent to Toomyx, a Foundation for Occlupanology Research and Communication (FORC) member by a Hong Kong individual before 2020 December, there was not enough evidence to make any conclusions regarding that specimen. According to Toomyx, no host information was provided by the Hong Kong individual, and attempts of contacting the Hong Kong individual in 2021 were unsuccessful.

However, another variant of *P. glyphodorsalis* was found on Real Foods corn thins imported from Australia on 2022 March 25 in a TASTE store. It is theorised that *P. glyphodorsalis* is being used to replace *A. aotearoa*, which was previously found on the same product.

	<p>White <i>P. glyphodorsalis</i> with blue markings may have existed in Hong Kong. There is currently insufficient information about this variant.</p>
	<p>White <i>P. glyphodorsalis</i> with black markings can be found preying on Woolworths and Real Foods (brand under Woolworths)'s corn thins and Coles' rice cakes imported from Australia in TASTE, Great Food Hall, 3hreeSixty, Oliver's The Delicatessen, Uselect, and possibly more places.</p> <p>Recommended budget for acquisition: 35 HKD</p>
<p>Gallery:</p>  <p><i>Image of P. utiliformis and P. glyphodorsalis received by Toomyx</i></p>	 <p><i>P. glyphodorsalis preying on corn thins</i></p>

## Toxodontidae: Palpatophora magnastoma

Thought to be Nearctic region exclusive, *Palpatophora magnastoma*'s existence in Hong Kong can be dated back to 2014 or earlier (credit to A. Lee).



Only white *P. magnastoma* with no markings have been spotted so far. It preys on two brands of udon made in Korea, which can be found in YATA, AEON Style/Supermarket, SOGO, ParknShop, TASTE, fusion, food le parc, International, FRESH, Soda Mall, and possibly more supermarkets. It should be noted that *P. magnastoma* and its prey can be found not only on aisles, but also at the fridge section of supermarkets.

Recommended budget for acquisition: 20-30 HKD





Gallery:



*P. magnastoma* preying on udon

## Toxodontidae: Palpatophora utiliformis

Despite being documented as “most common of all occlupanids” on the HORG website, this is not the case in Hong Kong. In Hong Kong, *Palpatophora utiliformis* is only the second most common species.

	<p>Seven colours of <i>P. utiliformis</i> with blue markings are used on different days in a week by Garden on their Sandwich Bread, Life Bread, and Saseme Soft Bread. Usually, blue version can be found on Monday; red version can be found on Tuesday; orange version can be found on Wednesday; yellow version can be found on Thursday; green version can be found on Friday; beige version can be found on Saturday; white version can be found on Sunday. Baker's Choice was known to have used <i>P. utiliformis</i> on some of its Super Soft Sandwich Bread rarely in 2021 May, but it was not seen on any Baker's Choice products since. This variant and its prey can be found in most supermarkets and convenience stores, and is the most common variant of <i>P. utiliformis</i> in Hong Kong.</p> <p>Recommended budget for acquisition: 8-20 HKD</p>
	<p>This variant of white <i>P. utiliformis</i> with blue markings is used on Bagels Forever frozen bagels imported from USA. This variant and its prey can be found in YATA, AEON Style/Supermarket, fusion, TASTE, Wellcome Fresh, Market Place, Oliver's The Delicatessen, 3hreesixty, Great Food Hall, FRESH, Hong Kong Flavour, etc.</p> <p>Recommended budget for acquisition: 30-50 HKD</p>
	<p>This variant of white <i>P. utiliformis</i> with blue markings is used on Coles bagels imported from Australia. This variant and its prey can be found in U select. This variant was first spotted on 2022 April 8.</p> <p>Recommended budget for acquisition: 40-50 HKD</p>
	<p>Several variants of <i>P. utiliformis</i> with black and blue markings are used by Food For Life on their frozen bread products imported from USA. It should be noted that Food For Life uses different variants for different batches of the same product. Since the pattern of the variant switch has not been determined, there is no guarantee on which variant one may find in stores selling Food For Life products. Such products can be found in Market Place, 3hreesixty, and Oliver's The Delicatessen.</p> <p>Recommended budget for acquisition: 80 HKD</p>

	<p>This variant of yellow <i>P. utiliformis</i> with no markings sports an amiculum. It is used by JA しまね on mushrooms imported from Japan. It was found in several YATA stores for a short amount of time around late 2021 May.</p> <p>Recommended budget for acquisition: 40 HKD</p>
	<p>This yellow <i>P. utiliformis</i> specimen with blue markings is believed to be a defective specimen caused by the displacement of the stamp in the printing machine, which resulted in the best before date not being printed on the specimen. The uneven force applied onto the specimen also caused one of the jaws to bend slightly. This specimen was found on one of Garden's Life Wheat Bread product in a Wellcome store on 2022 May 06. This variant is usually not available.</p>
	<p>This green <i>P. utiliformis</i> specimen with blue markings is believed to be a defective specimen caused by the lack of ink of the stamp in the printing machine, which resulted in the text "V30" not being inked. However, such text can still be found engraved onto the specimen. This specimen was found on one of Food For Life's frozen bread products in Oliver's The Delicatessen on 2022 June 10. This variant is usually not available.</p>
<p>Gallery:</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p><i>P. utiliformis</i> preying on Garden's Soft Sasame Bread</p> </div> <div style="text-align: center;">  <p><i>P. utiliformis</i> preying on Japanese mushrooms</p> </div> <div style="text-align: center;">  <p><i>P. utiliformis</i> preying on American frozen bagels</p> </div> </div>	













## Toxodontidae: Palpatophora utiliformis grandis




*Palpatophora utiliformis grandis* is undoubtedly the most common species in Hong Kong. Being used by two of the biggest bread brands and bakeries in Hong Kong, Maxim's cakes and Garden, and various other brands, it is usually the first species Hong Kong individuals come to mind when they are asked what a bread clip (a more common way of expressing Occlupanid) is.

	<p>Several variants of yellow <i>P. grandis</i> with black markings are used by Maxim and Arome (both of which are bakery chains under Maxim's Caterers Limited) on bread products. It should be noted that some products in these two chains are closed using clipbands, twisted ties and <i>A. groningensis</i> instead of <i>P. grandis</i>.</p> <p>Recommended budget for acquisition: 15-25 HKD</p>
	<p>Seven colours of <i>P. grandis</i> with blue markings stating "Best Before" date are used on different days in a week by Garden on most of their products, including Continental Bread, Health Bread, Better Sandwich, Cocktail Bun, Milkbar Bun, and Raisin Loaf. Usually, blue version can be found on Monday; red version can be found on Tuesday; orange version can be found on Wednesday; yellow version can be found on Thursday; green version can be found on Friday; beige version can be found on Saturday; white version can be found on Sunday. This variant of <i>P. grandis</i> and Garden products can be found in most supermarkets and convenience stores.</p> <p>Baker's Choice also uses this variant to close all their products since the packaging overhaul at the beginning of 2021 March. While the colour of most specimens correlate with the expiration day of the product in a week like Garden, it is not guaranteed as there had been occasions which specimens do not correlate with the expiration day of the product in a week. It should also be noted that while "Best Before" date was used for markings initially, it was eventually replaced by "USE BY" date, and this variation may not be available for Baker's Choice products. Baker's Choice products can be found in supermarkets under A. S. Watson Group, including Parknshop, TASTE, fusion, Great Food Hall, Gourmet, food le parc, and International.</p> <p>Recommended budget for acquisition: 15-25 HKD</p>



	<p>Yellow P. grandis with black markings using the expiration date format of “yyyy mm dd” can be spotted on bread products in Tai Cheong Bakery.</p> <p>Recommended budget for acquisition: 10-25 HKD</p>
	<p>Seven colours of P. grandis with blue markings stating “Use By” date are used on different days in a week by Baker’s Choice on their sandwich products. Usually, blue version can be found on Monday; red version can be found on Tuesday; orange version can be found on Wednesday; yellow version can be found on Thursday; green version can be found on Friday; beige version can be found on Saturday; white version can be found on Sunday. This variant of P. grandis and Baker’s Choice sandwich bread products can be found in supermarkets under A. S. Watson Group, including Parknshop, TASTE, fusion, Great Food Hall, Gourmet, food le parc and International.</p> <p>Recommended budget for acquisition: 15-25 HKD</p>
	<p>Beige P. grandis with black markings can be spotted on Meadows bread products, which can only be found in supermarkets under DFI Retail Group, including Wellcome, Market Place, Jasons Ichiba, 3hreesixty, and Oliver’s The Delicatessen. This variant can also be found in Don Don Donki, A-1 Bakery, and Das Gute on their bread products.</p> <p>Recommended budget for acquisition: 15-30 HKD</p>
	<p>Blue P. grandis with black markings is spotted on Meadows bread products since 2022 March 22 in Wellcome and is believed to be existing in other supermarkets under DFI Retail Group, including Market Place, Jasons Ichiba, 3hreesixty, and Oliver’s The Delicatessen. This variant is only spotted occasionally as Meadows products are often closed with the beige variant. The reason of why this variant is used instead of the beige variant is currently undetermined.</p> <p>Recommended budget for acquisition: 15-30 HKD</p>
	<p>Two variants of blue P. grandis with black markings can be found in Yamazaki Bakery stores and stores selling Yamazaki Bakery products, such as AEON Style/Supermarket.</p> <p>Recommended budget for acquisition: 15-25 HKD</p>

	<p>Yellow <i>P. grandis</i> with blue markings stating “Use By” date can be spotted on bread products of Saint Honore Cake Shop, which can be found in Saint Honore Cake Shop stores and convenience stores that sell Saint Honore bread products, and on Baker’s Choice products, which can be found in supermarkets under A. S. Watson Group, including Parknshop, TASTE, fusion, Great Food Hall, Gourmet, food le parc, International, etc.</p> <p>Recommended budget for acquisition: 15-25 HKD</p>
	<p>Yellow <i>P. grandis</i> with blue markings stating “Use By” date using the format of “dd/mm/yy” can be found on bread products of Itoya, which can be found in 7-Eleven convenience stores, and possibly in the Itoya store at Ap Lei Chau. It should be noted that the Chinese text “此日期或之前食用” (meaning Use by) is supposed to be present as part of the markings, but it is often missing from most specimens for unknown reason.</p> <p>Recommended budget for acquisition: 40 HKD</p>
	<p>Two variants of <i>P. grandis</i> with blue markings can be found on Food For Life’s frozen bread products, which are imported from USA. It should be noted that Food For Life uses different variants for different batches of the same product. Since the pattern of the variant switch has not been determined, there is no guarantee on which variant one may find in stores selling Food For Life products. Such products can be found in Market Place, 3hreesixty, and Oliver's The Delicatessen.</p> <p>Recommended budget for acquisition: 80 HKD</p>
	<p>White <i>P. grandis</i> with no markings can be found on cabbage, cauliflower, and potatoes imported from Australia in YATA, AEON Style/Supermarket, 3hreesixty, Market Place, and USelect. It should be noted that specimens of this variant may possess different thickness depending on their hosts.</p> <p>Recommended budget for acquisition: 40 HKD</p>
	<p>Yellow <i>P. grandis</i> with no markings could be temporarily found on caramel milk wave loaf in Arome stores in 2021 July, as a substitute of white <i>A. groningensis</i>, which is used to close that product before and after 2021 July. The reason of using <i>P. grandis</i> with no markings temporarily is not determined. Currently, this variant is not available in any Arome stores, and is believed to be extinct as it was merely a temporary substitute.</p> <p>Recommended budget for acquisition: 20 HKD</p>

	<p>Red <i>P. grandis</i> with no markings can be found on udon noodles made in Japan in YATA, AEON Style/Supermarket, Best Mart 360, 3hreesixty, Wellcome Fresh, Market Place, Wing On Department Store, Japan Home Centre, etc. Recommended budget for acquisition: 40 HKD</p>
	<p>Yellow <i>P. grandis</i> with no markings and amiculum attached can be found on kumquat imported from Japan in Don Don Donki, Market Place, and several stores in Yau Ma Tei Fruit Market. It should be noted that this variant of <i>P. grandis</i> and its prey are not guaranteed to be found, and are only available during certain periods of the year. Recommended budget for acquisition: 35-100 HKD</p>
	<p>This white <i>P. grandis</i> specimen with blue markings is believed to be a defective specimen caused by the lack of ink in the printing machine, which resulted in the Chinese text “此日期前最佳” (meaning Best Before) not being coloured. However, such text was found to be engraved onto the specimen upon closer inspection. This specimen was found on one of Baker’s Choice’s Super Soft Sandwich product in the fusion store at Rhine Garden in Sham Tseng on 2021 April 19. This variant is usually not available.</p>
<p>Gallery:</p> <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  <p><i>P. grandis</i> preying on Australian potatoes</p> </div> <div style="text-align: center;">  <p><i>P. grandis</i> preying on udon noodles</p> </div> <div style="text-align: center;">  <p><i>P. grandis</i> with marking errors preying on Baker's Choice's Super Soft Sandwich</p> </div> </div>	

## Toxodontidae: Porrectofrontus mechadeus

Porrectofrontus mechadeus had been spotted in Hong Kong for the first time on 2021 March 13. The thickness of P. mechadeus collected are significantly thicker than other species that can be found in Hong Kong, it is hypothesized that it has to do with P. mechadeus's role to close heavy weighted bags that contain several hundreds of paper plates.



Brown P. mechadeus with engraved markings, brown P. mechadeus with no markings, and blue P. mechadeus with no markings can all be found preying on great quantity of Dixie Ultra paper plates imported from USA. Dixie Ultra paper plates can be found in Gateway Supermarket and A&M US Groceries. Due to the cost of acquiring P. mechadeus and its prey, it is advised to look for P. mechadeus on ground in stores mentioned above.

Recommended budget for acquisition: 130-500 HKD

Gallery:



*P. mechadeus preying on Dixie Ultra paper plates*



*P. mechadeus' engraved markings*



## Toxodontidae: **Terenouetra aurantium**

*Terenouetra aurantium* was an undocumented species when specimen of it was first spotted in Hong Kong on 2021 February 13. Having two sharp dental processes unlike normal toxodontids, this type of occlupanid is being referred to as prototoxodontids by some researchers in Foundation for Occlupanology Research and Communication. *T. aurantium* has rounded corners unlike most occlupanids, and it has a similar oral groove size to *P. grandis*.

Translucency had been found on other occlupanids by other occlupanologists in the past in other countries, but *T. aurantium* is the first recorded occlupanid species with specimens having plastic films attached. More research and field trips are to be conducted not just in Hong Kong, but globally, to figure out if other occlupanids also possess such a unique trait. However, *T. aurantium* specimens in a YATA store were spotted without plastic films on 2022 June 28, it is currently uncertain whether the absence of plastic film is also applicable for *T. aurantium* specimens in other stores and whether this phenomenon will continue.

*T. aurantium* has only been spotted in YATA stores in Hong Kong and not in other countries, making it the only species local to Hong Kong.

	<p>Translucent orange <i>T. aurantium</i> (previously with plastic film) and white <i>T. aurantium</i> with markings of Cyril Myron brand icon can be found preying on oranges in YATA stores.</p> <p>Recommended budget for acquisition: 30-40 HKD</p>
<p>Gallery:</p>	<div style="display: flex; justify-content: space-around;"> <div>  <p><i>T. aurantium</i> preying on Australian and American oranges</p> </div> <div>  </div> <div>  <p><i>orange T. aurantium specimen being translucent</i></p> </div> </div>



## Tridentidae: Admordorsum aotearoa

Admordorsum aotearoa was spotted in Hong Kong for the first time on corn thins imported from Australia on 2021 March 5 in a TASTE store.



White *A. aotearoa* with black markings can be found preying on Woolworths' and Real Foods' (brand under Woolworths) corn thins, and Coles' rice cakes imported from Australia in TASTE, food le parc, Gourmet, Great Food Hall, Primo Mart, Market Place, 3hreeSixty, Oliver's The Delicatessen, Uselect, and possibly more places. It should be noted that only corn thins and rice cakes having the best before date in or before 2022 will be closed by *A. aotearoa*, those with best before date in 2023 or later are being closed by *P. glyphodorsalis*.  
Recommended budget for acquisition: 35 HKD

Gallery:



*A. aotearoa* preying on Real Foods corn thins







*A. aotearoa* preying on Coles rice cakes



*A. aotearoa* preying on woolworths corn thins

## Tridentidae: Admordorsum groningensis

A. groningensis' existence in Hong Kong can be dated back to [2018](#) (credits to 13ills) or earlier.

	Blue A. groningensis with no markings can be found preying on bread products sold in V28 Bakery and Pak Lok Bakery. Recommended budget for acquisition: 5-20 HKD
	Yellow and orange A. groningensis with no markings was found preying on bread products sold in V28 Bakery. However, these two variants were suspected to have ceased existing at some point between 2022 February to April. As of 2022 April, these two variants were not spotted in any V28 Bakery stores. Recommended budget for acquisition: 5-20 HKD
	Yellow and orange A. groningensis with black markings used to be found preying on bread products sold in V28 Bakery. While specimens shown in Google Maps photos suggested that this variant dated back to 2017 June, the latest date this variant's existence could be confirmed was in 2018 November according to <a href="#">13ills' post</a> .
	<p>White A. groningensis with no markings can be found preying on Fung Heung Yuen Bakery's bread products in FRESH and iEAT stores, and on La Boulangerie's bread products in L'AZUR Gourmet stores. It should be noted that not every FRESH and iEAT store sell Fung Heung Yuen Bakery's bread products.</p> <p>While caramel milk wave loaf in Arome stores can be found with this variant since 2021 April, there had been occasions which caramel milk wave loaf was closed using P. grandis and twisted ties, in 2021 July and 2022 January respectively. The reason for switching between A. groningensis, P. grandis, and twisted ties is currently undetermined. As of the date of revising this document, caramel milk wave loaf is being closed with twisted ties.</p> <p>Recommended budget for acquisition: 15-20 HKD</p> <p>*This variant can also be found preying on bread at the food counter in Café de Coral, a fast food restaurant chain. The only method to acquire specimens in Café de Coral is to be</p>




	employed by Café de Coral and be given a job at the food counter.
	White <i>A. groningensis</i> with black markings can be found preying on bread at the food counter in Fairwood, a fast food restaurant chain. While an attempt of requesting a specimen from Fairwood employees was made, it was unsuccessful, as the employee claimed that “there is still use for it”. One of the possible methods to acquire specimens of this variant is to be employed by Fairwood and be given a job at the food counter.
<p>Gallery:</p> <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;">  <p><i>white A. groningensis</i> preying on <i>La Boulangère</i>'s bread products</p> </div> <div style="width: 50%;">  <p><i>A. groningensis</i> preying on V28 bakery products</p> </div> <div style="width: 50%;">  <p><i>Google Maps review showing V28's A. groningensis with black markings</i></p> </div> <div style="width: 50%;">  <p><i>white A. groningensis</i> preying on bread at food counter of Café de Coral</p> </div> <div style="width: 50%;">  <p><i>white A. groningensis</i> preying on bread at food counter of Fairwood</p> </div> </div>	

## Fibulictidae: Impleximotus stellaformatus

Still undocumented when a red specimen of *Impleximotus stellaformatus* was collected in Hong Kong before 2021, it was not recognized as an undocumented new species until 2021 February 15, when a yellow specimen was collected.

It is suspected that both yellow and red variant *I. stellaformatus* have their own special abilities or curses. The sweet potato preyed on by yellow *I. stellaformatus* were found having star shaped patterns on its cross-sections on one occasion. It is hypothesized that this phenomenon is caused by the ability or curse of yellow *I. stellaformatus* which can warp the tissues of its host, eventually forming a star within it. Further investigations will be made on this subject in the future.

The red variant is suspected to have the ability or curse of weakening the bags of its hosts. The bags it is found occluding onto are often very thin, picking a bag up may result in the bag breaking, causing its content to fall out and startling anyone who wanted to acquire red *I. stellaformatus* or its host. However, the reason and logic behind such a parasitic ability or curse has yet to be understood. Whether it is trying to kill its host from the beginning or to protect its host and itself by putting themselves to ruin is unknown. On one occasion, a yellow *I. stellaformatus* was found preying on thin bags, which indicates either the red variant has the ability to disguise itself as the yellow variant, or the yellow variant has the same weakening effect on its preys.

	<p>Red and yellow <i>I. stellaformatus</i> with black markings can be found preying on a variety of products, including sweet potatoes, onions, oranges, chestnuts, purple corn, burdocks, plums, apples, and carrots. <i>I. stellaformatus</i> and its preys can be found in YATA, AEON Style/Supermarket, Wellcome, Market Place, Jasons Ichiba, 3hreesixty, Oliver's The Delicatessen, Parknshop, TASTE, fusion, Gourmet, Great Food Hall, APITA UNY, FRESH, Yau Ma Tei Fruit Market, and possibly more places. Recommended budget for acquisition: 20-55 HKD</p>
<p>Gallery:</p>	<div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  <p><i>Star shape core of sweet potato preyed by yellow <i>I. stellaformatus</i></i></p> </div> <div style="text-align: center;">  <p><i>I. stellaformatus</i> preying on Japanese sweet potatoes</p> </div> </div>



## Kamptoconidae: Nectofocales baldwina


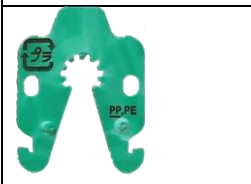







*Nectofocales baldwina* was spotted in Hong Kong for the first time on onions and garlies imported from Japan on 2021 February 26 in a Don Don Donki store.

	<p>Green <i>N. baldwina</i> with black markings can be found preying on onions and garlies in Don Don Donki, MUJI Food Market, and SOGO.</p> <p>Recommended budget for acquisition: 30-50 HKD</p>
	<p>Yellow <i>N. baldwina</i> with black markings can be found preying on oranges, burdocks, and sweet potatoes in YATA, AEON Style/Supermarket, Market Place, SOGO, TASTE, Yau Ma Tei Fruit Market, and possibly more places.</p> <p>Recommended budget for acquisition: 30-40 HKD</p>
	<p>Red <i>N. baldwina</i> with black markings can be found preying on onions in AEON Style/Supermarket, APITA UNY, SOGO, and FRESH.</p> <p>Recommended budget for acquisition: 30-40 HKD</p>
<p>Gallery:</p>	<div>  <p><i>N. baldwina</i> preying on Japanese onions</p> </div> <div>  </div> <div>  <p><i>N. baldwina</i> preying on American oranges</p> </div>



## Odontotrochidae: Ampleximordax ptyctophyllus

Ampleximordax ptyctophyllus was spotted in Hong Kong for the first time on sweet potatoes imported from Japan on 2021 February 13 in a YATA store.

	<p>Red A. ptyctophyllus with black markings can be found preying on sweet potatoes, onions, and burdocks in YATA, MUJI Food Market, and Market Place.</p> <p>Recommended budget for acquisition: 30-50 HKD</p>
	<p>Green A. ptyctophyllus with black markings can be found preying on carrots, pimento, and sweet potatoes in YATA, AEON Style/Supermarket, MUJI Food Market, and iEAT stores.</p> <p>Recommended budget for acquisition: 30-40 HKD</p>
	<p>Yellow A. ptyctophyllus with black markings can be found preying on tomatoes in YATA.</p> <p>Recommended budget for acquisition: 50 HKD</p>
	<p>Gold A. ptyctophyllus with black markings can be found preying on sweet potatoes in AEON Style/Supermarket, YATA, and SOGO.</p> <p>Recommended budget for acquisition: 50 HKD</p>
<p>Gallery:</p> <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;">  <p><i>Yellow A. ptyctophyllus preying on Japanese tomatoes</i></p> </div> <div style="width: 33%;">  <p><i>Green A. ptyctophyllus preying on Japanese carrots</i></p> </div> <div style="width: 33%;">  <p><i>Gold A. ptyctophyllus preying on Japanese sweet potatoes</i></p> </div> <div style="width: 33%;">  </div> <div style="width: 33%;">  </div> </div>	

## Pseudo-Occlupanid: *Apertura dividobliquus* (undocumented)

This species is temporarily named *Apertura dividobliquus*, which means “slant cut hole”. This species was spotted in Hong Kong for the first time on musk melons imported from Korea on 2021 July 29 in Gourmet supermarket.



*A. dividobliquus* can be found preying on musk melons in Gourmet supermarket.  
Recommended budget for acquisition: 50 HKD

Gallery:



*A. dividobliquus* preying on musk melons

## Pseudo-Occlupanid: *Fallacibusvexillum uvaderivantur* (undocumented)

This species is temporarily named *Fallacibusvexillum uvaderivantur*, which means “misleading flag of grape stem”. This species was spotted in Hong Kong for the first time on grapes imported from Australia on 2021 May 31 in stores of Ming Fruit Shop, and was later spotted in several stores in Yau Ma Tei Fruit Market.

*F. uvaderivantur* had been spotted in Australia in 2021 March by Australian occlupanologist A. Lee, two months before the discovery of this species in Hong Kong. The specimens collected by A. Lee possess a variety of markings, one variant of which is identical to the green one found in Hong Kong.



Several variants of *F. uvaderivantur* was found preying on grapes in Ming Fruit Shop and Yau Ma Tei Fruit Market. It should be noted that specimens can be found on ground occasionally due to its loose raptoral stricture (the space between oral hooks), which cause specimens to fall off its prey. Recommended budget for acquisition: 100 HKD per lb of grapes



Gallery:



several variants of *F. uvaderivantur* preying on Australian grapes

## Pseudo-Occlupanid: *Manifolium vanitati* (undocumented)



This species is temporarily named *Manifolium vanitati*, which means “big leaf of frustration”. This species was spotted in Hong Kong for the first time on flowers on 2021 June 16 in Great Food Hall.

	<p><i>M. vanitati</i> can be found preying on flowers in Great Food Hall. Due to the cost of acquiring <i>M. vanitati</i> and its prey, it is advised to look for <i>M. vanitati</i> on ground in Great Food Hall. Recommended budget for acquisition: 1300 HKD</p>
<p>Gallery:</p>	 <p><i>M. vanitati</i> preying on plants</p>



## Pseudo-Occlupanid: *Subvexillum fluctus* (undocumented)


This species is temporarily named *Subvexillum fluctus*, which means “wave under the flag”. This species was spotted in Hong Kong for the first time on wave loaf on 2021 April 27 in Arome stores.

	<p>Three variants of plastic <i>S. fluctus</i> can be found preying on three types of wave loaf products respectively in Arome stores.</p> <p>Recommended budget for acquisition: 20 HKD</p> <p>*purchasing wave loaf will allow for acquisition of <i>S. fluctus</i> and white <i>A. groningensis</i>/dim yellow <i>P. grandis</i>/twisted tie, depending on the wave loaf product.</p>
<p>Gallery:</p>	 <p><i>S. fluctus</i> and <i>A. groningensis</i> preying on caramel milk wave loaf</p>



## Occlupanid-like Object: Extendable ear-band hook of KF94 masks (undocumented)

This object was spotted in Hong Kong for the first time on 2021 October 4 on street, and was later confirmed to be preying on KF94 masks. It is referred to as “extendable ear-band hook” on KF94 mask packagings of several brands.

	<p>Specimens can be found preying on KF94 masks' earbands in the packaging. It should be noted that not every KF94 mask is guaranteed to come with a hook, individuals should look for the icon of the hook on the mask packaging to ensure its existence. Moreover, hooks manufactured by different brands may possess different texture. KF94 masks with hook can be found in Mannings, TASTE, and possibly more places.</p> <p>Currently, four variants of KF94 mask hooks were found, one of which is known to be preying on Kleenex's KF94 masks. It should be noted that one of the variants was smaller and possessed different hook shape when compared to Kleenex's hook.</p> <p>Recommended budget for acquisition: 5-10 HKD</p> <p>*budget above indicates the price of each mask, while KF94 masks are usually sold in quantities of five, ten, twenty, or even one hundred.</p>
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Gallery:



*extendable ear-band hook preying on KF94 mask*



*texture of extendable ear-band hook found on street*





*extendable ear-band hook found on street (top) compared to Kleenex's (bottom)*



*texture of extendable ear-band hooks included in Kleenex's KF94 masks*

## Occlupanid-like Object: Hook of Filtson masks (undocumented)

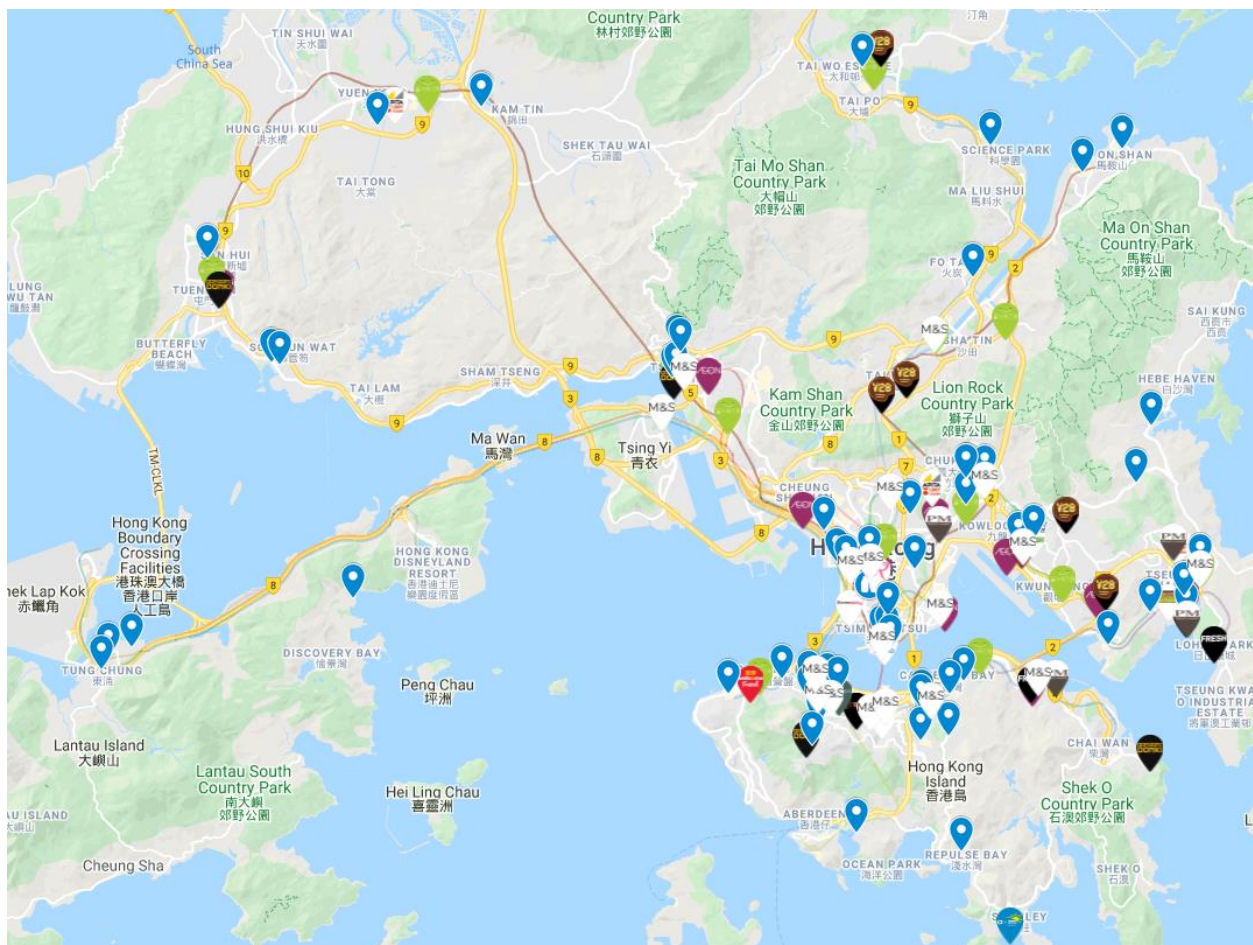
This object was spotted in Hong Kong for the first time on 2022 February 24 on street. Initially misidentified as a replica of Fitclip of D95 P2 Respirator masks made by Detmold Medical, it was later confirmed to be the hook found in mask packages of Filtson.

	<p>Specimens can be found along with masks in the package. It should be noted that not every mask made by Filtson is guaranteed to come with a hook, individuals should look for the icon of the hook on the mask packaging to ensure its existence.</p> <p>Recommended budget for acquisition: ??? HKD</p> <p>*price of Filtson masks is unknown as of the date updating this document.</p>
<p>Gallery:</p>  <p><i>Hook found on street</i></p>	 <p><i>Hook found in Filtson mask packaging</i></p>

## Appendix: Map for Occlupanological Field Trips and Surveys

To assist local and foreign occlupanologists, field researchers and occlupanid collectors, on their research, investigations, and field trips, a map had been made to display locations of stores with different occlupanological importance. Individuals are advised to plan their field trips and surveys using the map. However, information of certain stores, especially stores with low or unknown occlupanological importance is lacking, any feedback and data on said stores will be most appreciated.

link to map: [https://www.google.com/maps/d/viewer?hl=en&hl=en&mid=1TioLE-N4TDLOPifDwsoP5VLj\\_agBnGkT&ll](https://www.google.com/maps/d/viewer?hl=en&hl=en&mid=1TioLE-N4TDLOPifDwsoP5VLj_agBnGkT&ll)



## Bibliography

\*all sources were accessed on 2022 March 25

### 13ills

-instagram post displaying cornflower blue A. groningensis with no markings and blue D. wangi with no markings

<https://www.instagram.com/p/BpRvO9PhfPZ/>

-instagram post displaying orange A. groningensis with black markings

<https://www.instagram.com/p/CKeSG6ng-gI/>

### Foundation of Occlupanology Research and Communication

-image of Hong Kong P. glyphodorsalis received by Toomyx, a FORC member

<https://cdn.discordapp.com/attachments/714678447284158485/791730738046566430/hongkong1.png>

### Funny Field

-麵包袋夾原來有這 14 個妙用，扔掉真可惜

<https://youtu.be/l19xKc3s-hQ?t=12>

### Google Maps

-Google Maps photo showing V28's A. groningensis with black markings

<https://www.google.com.hk/maps/place/V28+Bakery/@22.3099386,114.2379514,3a,75y,90t/data=!3m8!1e2!3m6!1sAF1QipP6m3JT2sMEcr0jwbYtOrRCFrjIobaUY0Evdr2!2e10!3e12!6shttps:%2F%2Flh5.googleusercontent.com%2Fp%2FAF1QipP6m3JT2sMEcr0jwbYtOrRCFrjIobaUY0Evdr2%3Dw203-h114-k-no!7i4128!8i2322!4m9!1m2!2m1!1sV28+Bakery!3m5!1s0x34040157e9127ac9:0x628c44a6bfa0e40a!8m2!3d22.3099386!4d114.2379514!15sCgpWMjggQmFrZXJ5kgEKcmVzdGF1cmFudA?hl=en>

### Holotypic Occlupanid Research Group

-Diplacofelis wangi

[http://www.horg.com/horg/?page\\_id=1521](http://www.horg.com/horg/?page_id=1521)

-Infirmimaxilla kurisu

[http://www.horg.com/horg/?page\\_id=2777](http://www.horg.com/horg/?page_id=2777)

-Megapanis sonorus

[http://www.horg.com/horg/?page\\_id=2825](http://www.horg.com/horg/?page_id=2825)

- Quadratopalpus ilex  
[http://www.horg.com/horg/?page\\_id=365](http://www.horg.com/horg/?page_id=365)
- Chiasmogramma vercepa  
[http://www.horg.com/horg/?page\\_id=2276](http://www.horg.com/horg/?page_id=2276)
- Genevertonicus quimbyi  
[http://www.horg.com/horg/?page\\_id=802](http://www.horg.com/horg/?page_id=802)
- Stomatocardia obtusa  
[http://www.horg.com/horg/?page\\_id=439](http://www.horg.com/horg/?page_id=439)
- Unidentia kinkani  
[http://www.horg.com/horg/?page\\_id=2540](http://www.horg.com/horg/?page_id=2540)
- Palpatophora glyphodorsalis  
[http://www.horg.com/horg/?page\\_id=766](http://www.horg.com/horg/?page_id=766)
- Palpatophora magnastoma  
[http://www.horg.com/horg/?page\\_id=2057](http://www.horg.com/horg/?page_id=2057)
- Palpatophora utiliformis  
[http://www.horg.com/horg/?page\\_id=756](http://www.horg.com/horg/?page_id=756)
- Palpatophora utiliformis grandis  
[http://www.horg.com/horg/?page\\_id=775](http://www.horg.com/horg/?page_id=775)
- Porrectofrontus mechadeus  
[http://www.horg.com/horg/?page\\_id=772](http://www.horg.com/horg/?page_id=772)
- Terenouetra aurantium  
[http://www.horg.com/horg/?page\\_id=2518](http://www.horg.com/horg/?page_id=2518)
- Admordorsum aotearoa  
[http://www.horg.com/horg/?page\\_id=1550](http://www.horg.com/horg/?page_id=1550)
- Admordorsum groningenensis  
[http://www.horg.com/horg/?page\\_id=1546](http://www.horg.com/horg/?page_id=1546)
- Impleximotus stellaformatus  
[http://www.horg.com/horg/?page\\_id=2533](http://www.horg.com/horg/?page_id=2533)
- Nectofocales baldwina  
[http://www.horg.com/horg/?page\\_id=1536](http://www.horg.com/horg/?page_id=1536)
- Ampleximordax ptyctophyllus  
[http://www.horg.com/horg/?page\\_id=1728](http://www.horg.com/horg/?page_id=1728)

### **TVB**

- 東張西望 | 踢爆！內地提子扮日本香印 專家教你辨別真假標籤  
<https://youtu.be/mvZZ8158yU0?t=228>