

TWO CLICKS AWAY: WILDLIFE SALES ON FACEBOOK

THE ALLIANCE TO COUNTER CRIME ONLINE

OCTOBER 2020

ABOUT

The Alliance to Counter Crime Online (ACCO) groups more than 40 non-governmental organizations, academics and citizen investigators working to eliminate organized crime activity and extremist content from social media platforms and search engines. We are ordinary people, trying to protect our communities from a serious, growing threat. Read more, including member reports and Fact Sheets at www.counterincrimine.org.



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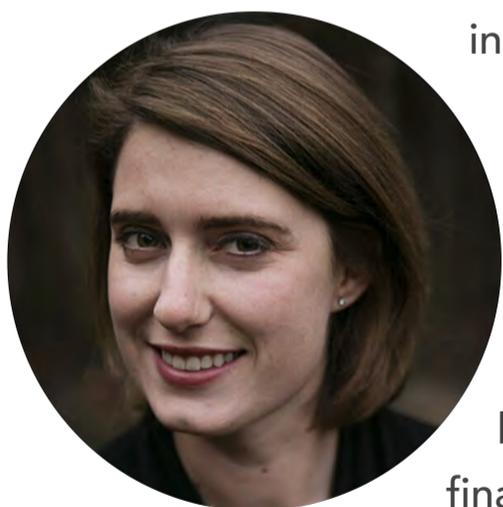
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EXECUTIVE SUMMARY

In March 2018, Facebook joined the Coalition to End Wildlife Trafficking Online, pledging alongside 30 major tech firms to remove 80% of wildlife trafficking content from their platforms by 2020. Two years on, the Alliance to Counter Crime Online (ACCO) conducted a study that found Facebook failed to keep its promise. In just two mouse clicks, our researchers could locate substantial illicit wildlife content.

This study was specifically designed to mimic the search process an average Facebook user might employ when looking to buy wildlife products like ivory or exotic pets. Our prior research suggested that most illicit wildlife trading on social media takes place in plain sight for the simple reason that sellers need to operate openly so that buyers can locate them. Researchers on this project used 17 combinations of search terms for endangered species in four languages—English, Vietnamese, Indonesian, and Arabic. Using this approach, the team recorded 473 Facebook Pages openly trading wildlife, as well as another 281 public and private Facebook Groups. Fifty-seven percent of the Pages blatantly had the terms “for sale” “sell” or “buy” in their title, as did about a quarter of the Facebook Groups. The existence of sales terms in the Page and Group titles, such as “ivory for sale,” means that Facebook could eliminate substantial wildlife trafficking content using “If” code to block search results and flag and remove any Groups and Pages that combine these sales terms with animal species terms. Facebook has chosen not to implement such simple fixes. The question for regulators and conservationists is why?

Many of the Groups and Pages identified in this study have existed for years, with the oldest in uninterrupted operation for more than a decade. Videos and still images on the Pages and in Groups found by ACCO often showed animals in pitiable conditions or in clear signs of distress.

ACCO did find evidence that some wildlife content is being removed, but this moderation seems primarily focused on English-language content and tends not to impact Pages and Groups with the highest engagement rates. In some Pages and Groups, administrators openly provided instructions on how to avoid being moderated, a fact that provides Facebook moderators the opportunity to develop countermeasures.

What’s perhaps most disheartening is the fact that Facebook algorithms recommended a full 29% of the Pages we found, primarily through the “Related Pages” feature. Facebook, in other words, is not reducing wildlife trafficking but instead accelerating it by connecting users to Pages they might not otherwise have

Facebook is not reducing wildlife trafficking but rather accelerating it.

Another question Facebook ought to answer is why haven’t these algorithms been dialed back?

ACCO’s researchers concluded that wildlife trafficking content for multiple endangered species appears to have increased since 2018, and that Facebook’s rules banning wildlife sales are sporadically enforced, especially in languages

other than English. Of the wildlife sale Pages identified, more than half were created since March 2018—the date Facebook joined the Coalition to End Wildlife Trafficking Online.

At a moment when the globe is reeling from the COVID-19 pandemic which resulted from an animal-to-human spillover event the unregulated online traffic in live animals and wildlife products poses a severe risk to public health and the economy. The world is also in the midst of an unprecedented extinction crisis, with the United Nations and leading conservation groups warning that illicit trafficking is contributing to perilous declines in biodiversity that could critically degrade entire ecosystems. In the face of these grave threats to our planet and public safety, Facebook’s failure to implement systemic fixes warrants scrutiny from lawmakers and regulators.



INTRODUCTION

This project was aimed at surveying whether the world's largest social media platform, which claims to connect 2.7 billion monthly users around the world, has taken substantial action in fulfilling its pledge to remove 80% of wildlife trafficking content from its platforms by 2020.

We also set out to determine how accessible the wildlife trade is to the average Facebook user, and to see if Facebook had at least removed easily-findable wildlife content from its platform.

In contrast to other projects by ACCO members that involved complex operations penetrating closed and secret Facebook Groups or the use of cutting-edge machine-learning tools to identify wildlife traffickers, this investigation aimed to duplicate the behavior of ordinary users, applying simple search terms in 17 different word combinations associated with commonly sought-after wildlife species and products. Research was conducted in four languages: English, Arabic, Indonesian, and Vietnamese.

While laws governing the ownership and sale of wildlife vary from country to country, Facebook's Community Standards globally ban "attempts to buy, sell, trade, donate, gift, or solicit endangered species or their parts," as well as content that "attempts to buy, sell or trade live, non-endangered animals between private individuals."¹

Despite this ban, ACCO researchers easily identified hundreds of Facebook Pages and Groups developed solely for the purpose of selling wildlife and wildlife parts. A basic Facebook search followed by a single click is all that is required for a user to find multiple endangered species for sale.

Not only was there no measurable reduction in wildlife trafficking content on Facebook, but we assessed that the number of Pages and Groups devoted to the trade in endangered species and their parts has actually grown. Our findings align with those of a recent study conducted by the World Wildlife Fund, one of the founders of the Coalition to End Wildlife Trafficking Online, which in May 2020 reported that the volume of wildlife products sold online had approximately doubled in all key markets since 2015.²

ACCO's research underscores the need for a fundamental policy shift at Facebook with regards to wildlife crime in particular and illicit content in general. Facebook executives routinely declare that the platform removes "content that goes against our standards as soon as we become aware of it."³ Coming at a time when the world is reeling from a global pandemic that began as a result of an animal-to-human spillover event, our findings suggest that Facebook is playing with fire by passively waiting for users to report illegal wildlife content as opposed to proactively seeking out and removing it.

"Facebook makes posts selling wildlife easily [accessible] to people outside of the existing wildlife trading community, further attracting more potential customers and expanding the market. In our research we have identified posts selling the following species: elephants, rhinos, hawksbill turtles, whales, tigers, walrus, Tibetan antelope, bears and African spurred tortoise."

Qing Xu, Research Associate at the Global Health Policy Institute, and ACCO member

BEHIND THE INVESTIGATION: WHY WE CONDUCTED THIS STUDY

Conservation organizations, academics and investigative groups – including multiple ACCO members – began tracking the rapid growth of the wildlife trade on social media about five years ago. Multiple published reports exposed the widespread use of Facebook by wildlife traffickers to market products in key consumer markets and criticized the platform’s apparent foot-dragging in searching for and removing illegal wildlife content unless flagged by the media.⁴

In March 2018, Facebook joined the Coalition to End Wildlife Trafficking Online, thereby embracing a tech industry-wide pledge to eliminate 80% of wildlife content on social media platforms by 2020.⁵

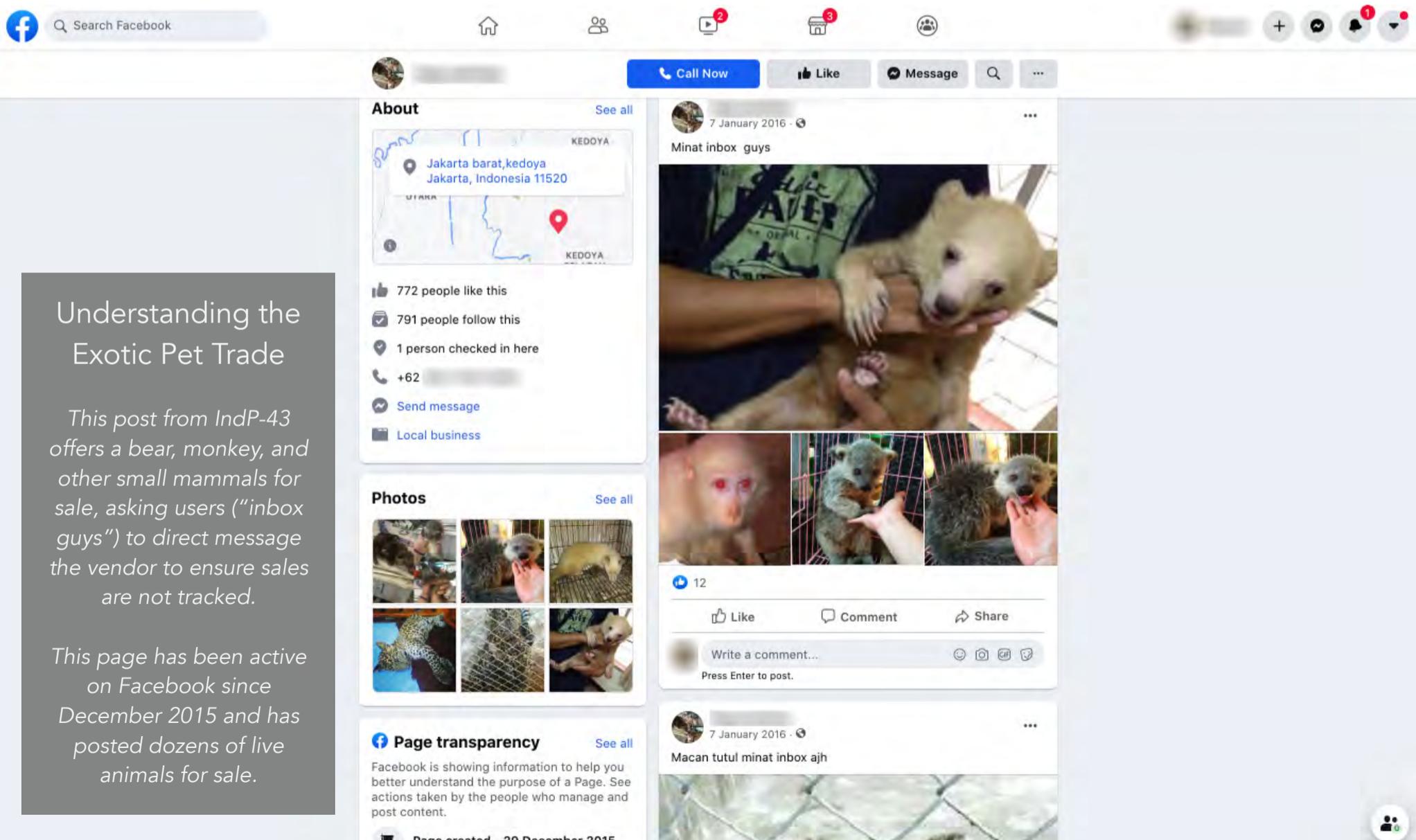
In a statement to ACCO, Crawford Allan, senior director at Traffic, one of the conservation groups overseeing the coalition, said Facebook had “made earnest efforts to strengthen their prohibited wildlife policies, including the ban on live animal trade [in 2019], train enforcement staff, educate users through a pop-up alerts, and remove suspicious content provided from regular online monitoring.”⁶

ACCO research across multiple crime sectors has demonstrated that Facebook’s enforcement often lags behind its own policies. The purpose of this study was to determine if the firm had upheld its commitment to the Coalition to End Wildlife Trafficking Online.

Understanding the Exotic Pet Trade

This post from IndP-43 offers a bear, monkey, and other small mammals for sale, asking users (“inbox guys”) to direct message the vendor to ensure sales are not tracked.

This page has been active on Facebook since December 2015 and has posted dozens of live animals for sale.



METHODOLOGY

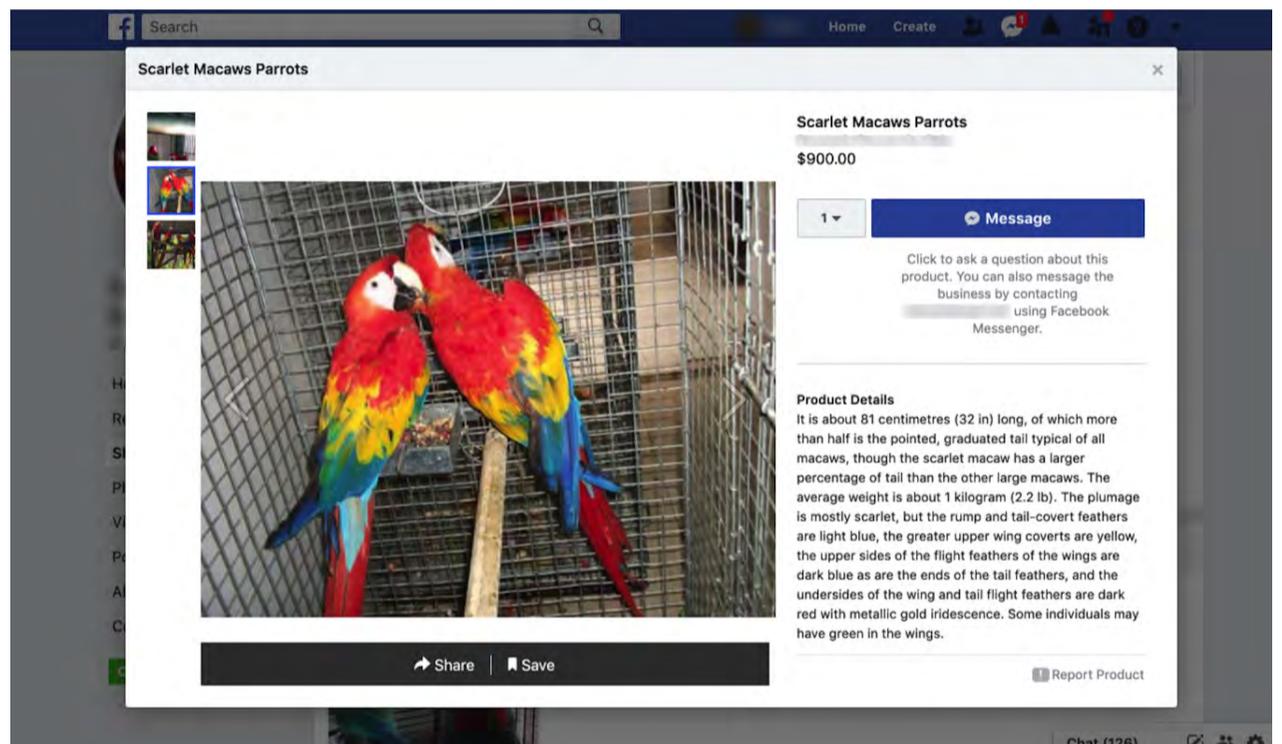
This study gathered data on wildlife sales using two Facebook features: Pages and Groups. Pages are entirely public and can be accessed by anyone regardless of whether or not one has a Facebook account.⁷ Groups, on the other hand, can be either public, meaning anyone can view them, or private, which requires approval to view the content.⁸

ACCO researchers collected all data using open-source research and non-participant observation methods of investigation. The researchers created unique Facebook accounts for this project in order to identify Pages and join Groups for monitoring, observation, and recording. To ensure that observed behavior was not influenced in any way, ACCO's Profiles did not maintain any friends nor interact with users or their posts.

The data collection methodology used here was first established by ACCO member, the ATHAR Project, to track the illicit antiquities trade on Facebook.⁹

Applying this same approach allowed for a comparative analysis of the wildlife and antiquities black markets on Facebook. Research was conducted in four languages—English, Vietnamese, Arabic, and Indonesian—using the same fixed set of key word terms.

ACCO researchers manually collected all data to ensure they missed no information in the form of posts, replied, or text-embedded images.



HOW PAGES AND GROUPS WERE IDENTIFIED

ACCO used three methods to identify relevant Pages and Groups in which wildlife is being traded:



1. Searches within the Facebook platform using a pre-designated list of word combinations. The same phrasing searches were conducted in the four research languages. The phrases selected mimicked the type of search that would generally be conducted by an average user. In other words, we avoided the code and slang words typically employed by traffickers.



2. Utilizing the "Related Pages" and "Suggested Groups" features on Facebook that recommend Pages and Groups with similar users or characteristics. This also helped identify "Wildlife Sale" Pages that served as Group admins or moderators.



3. Identifying Pages or Groups recommended in post discussions or suggested by Group users, admins, and moderators.

Broad Search Terms:

- Animals + for sale
- Exotic + Animals + for sale
- Rare + Animals + for sale

Species- and Item-Specific Search Terms:

- Gibbon + for sale
- Ivory + for sale
- Tusk + for sale
- Elephant + for sale
- Rhino horn + for sale
- Bird + for sale
- Parrot + for sale
- Cheetah + for sale
- Lion + for sale
- Tiger + for sale
- Primate + for sale
- Monkey + for sale
- Ape + for sale
- Chimp + for sale

HOW PAGES AND GROUPS WERE ASSESSED

Searches in Facebook can be filtered by feature, such as “people,” “Groups,” and “Pages.” ACCO researchers filtered each search term in the above set by Group and by Page to gather the data surfaced in Facebook searches for those features. Each Group or Page identified was surveyed for obvious or potential evidence of wildlife sales. In the case of private Groups that could not be viewed publicly, ACCO’s monitoring profile submitted a request to join the Group.

In some cases, requests to join a Group required admin approval. In others, the requesting Profile was required to answer a series of questions.

Some questions entailed simple inquiries about location, while others provided directions on how to get around Facebook’s rules on sales and gave information on the type of code language required to avoid Facebook moderation.

The data collected on Pages and Groups provided a top line number of how many of such Pages/Groups are present on the platform, how long they have been active, and how many people engage with them.

Researchers did not count Pages or Groups that surfaced in searches that did not demonstrate clear evidence of illegal trafficking. For example, we did not include Pages or Groups belonging to conservation organizations or those that were created to raise awareness about wildlife trafficking.

Pages and Groups were individually canvassed for characteristics of sale activity, most notably posts in which wildlife was being offered for sale.

ACCO researchers did not include Pages and Groups selling only livestock or common domestic pets like cats or dogs. However, Pages and Groups identified selling wildlife such as primates alongside domestic animals were included.



A user from Facebook Page IndP-43 offers cubs for sale.



A user from Facebook page ArbP-27 offers a rhino horn for sale.

FINDINGS

ACCO found the highest number of Groups and Pages selling illegal wildlife in the English language. This is understandable given that English is the most common language on the platform, but also concerning given that the firm’s content moderation and AI were trained in English, and the US-based company has more resources focused on English than any other language.¹⁰

ACCO also found that the way wildlife sellers utilize

Facebook tools varies by region. For instance, wildlife traffickers in Indonesia and Vietnam tend to primarily operate their illicit sales from their public Profiles as opposed to posting items for sale solely in Pages or Groups.

In many cases users in Indonesia and Vietnam will first post an animal for sale on their public profile and then share that profile post to a Page or Group. By using their profile as the primary mechanism for posting

FACEBOOK WILDLIFE SALE GROUPS

Language	Groups Identified	Group Member Totals
Arabic	65	579,958
English	136	662,885
Indonesian	28	66,438
Vietnamese	52	148,709
All Languages Combined	281	1,457,990

FACEBOOK WILDLIFE SALE PAGES

Language	Pages Identified	Page Like Totals
Arabic	93	814,876
English	223	273,277
Indonesian	49	151,337
Vietnamese	108	104,758
All Languages Combined	473	1,344,248

wildlife content, these users expanded the audience able to see their available product and share their posts.

Similar Profile-use trends were identified by the ATHAR Project when examining Thailand-based antiquities trafficking Groups. Thailand, like Indonesia and Vietnam, has access to the Facebook Connectivity Free Basics data service. It is possible that truncated access to a free data version of Facebook has driven the widespread use of Profiles to market wildlife goods in some parts of the world, leading to a higher rate of wildlife trafficking through individual Profiles as opposed to Groups.¹¹

REGIONAL VARIATIONS

Searching in multiple languages helped identify variations in particular species. For example, searches in Arabic yielded the highest rate of interest in big cats (including endangered cheetahs) for sale. Photos and video from multiple Pages, a public feature accessible even without a Facebook account, showed clearly distressed animals being trafficked. Wildlife, including endangered species, were also offered for sale in the Facebook Groups feature.

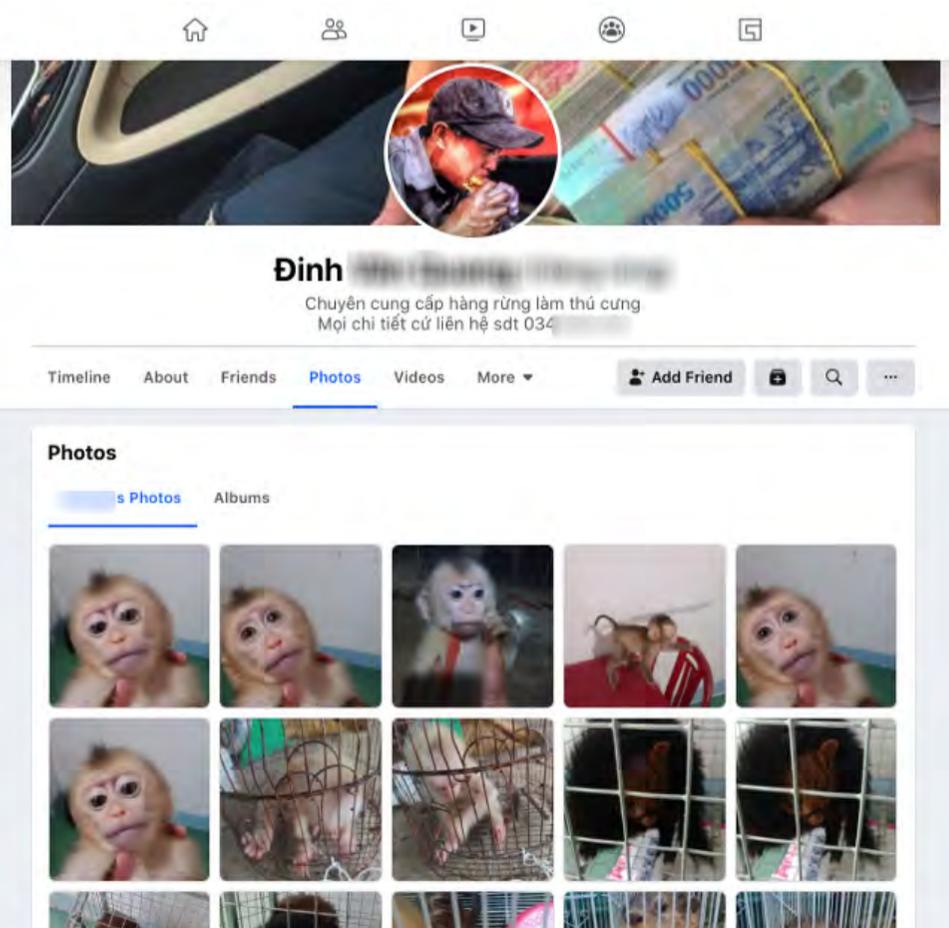
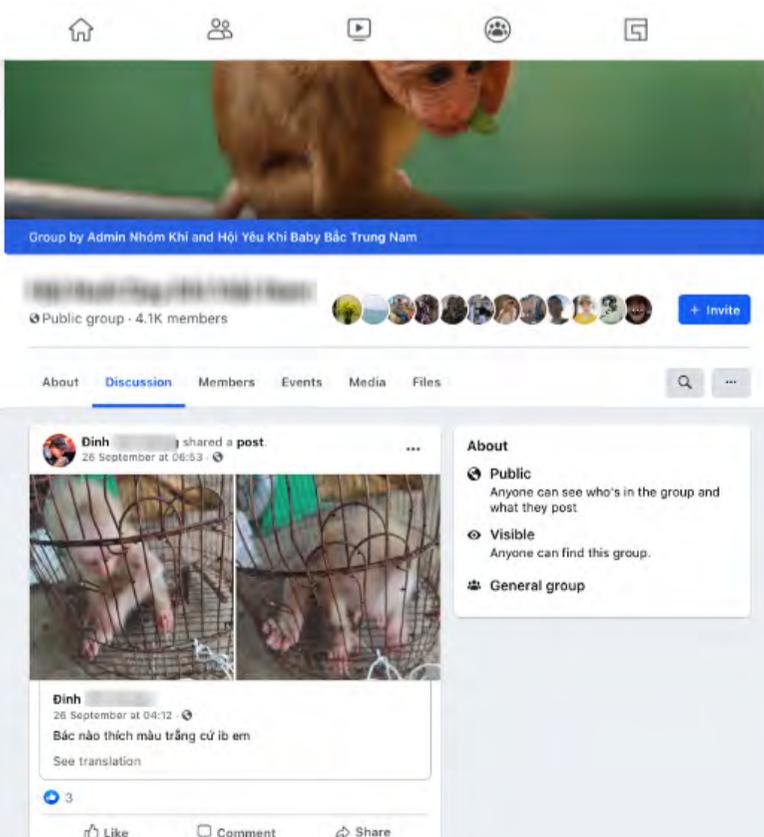
Groups are a semi-walled garden on Facebook that come in both public and private formats. Anyone can view content posted in public Groups, although users must join a Group and be approved by an admin in order to contribute. Meanwhile, the content in private Facebook groups can only be viewed by Group members, who must be admitted by an admin in order to see or

“Facebook platforms, especially Instagram and WhatsApp, are definitely a threat to the species we track. In the case of cheetahs, they offer sellers the ability to connect among themselves and with all kinds of potential buyers in privacy. Historically, the vast majority of cheetah advertisements found on social media are from Saudi Arabia, and those have not decreased significantly.”

Patricia Tricorache, ACCO member and Expert on the Illegal Cheetah Trade

contribute content. Facebook’s private Group feature is popular for illicit actors across a range of crime sectors, not just trading wildlife. In the U.S., primates and parrots were of major interest to buyers and were openly traded on Facebook Pages and in Groups. In some cases, Group admins actively provided instructions on how users could avoid Facebook moderation.

This was in stark contrast to what was observed on Facebook Pages in the Indonesian language, where Group rules provided specific instructions about how to sell wildlife. The English moderators’ efforts to help their members obscure sales versus the Indonesian moderators’ instructions on how to market it indicate that major gaps exist between Facebook’s moderation efforts in English versus its capacity to moderate content in other languages.



A Vietnamese Facebook user from Group VietG-4 shares a post from his Profile advertising a monkey for sale. The animal is confined to a small bird cage. Visiting the user’s Profile reveals that his entire account is dedicated to the sale of different species.

PAGES: FLAUNTING THE RULES AND DRIVING TRAFFIC

ACCO researchers found that Facebook Pages were more often explicitly engaged in the sale of wildlife than were Groups, with more than half advertising their role as wildlife sale outlets in the name of the page.¹² Of the 473 total Pages identified, 57% (271 Pages), included “sale,” “buy,” or “sell,” in the Page name. Because these Pages are openly accessible, the inclusion of sale terms guarantees that sellers can get more eyes on their goods. It also means that Facebook engineers would not have to develop sophisticated machine-learning algorithms to find and remove this content. Basic “If” code combining the 17 search combinations ACCO employed could be used to quickly find and remove these Pages.

ACCO researchers tracked a pattern of Facebook users engaging in wildlife sales using images rather than terms to advertise their activity. This often pairs the image of a particular species in the profile and cover photo of the Page, with sale terms superimposed in the image. (See figure to the right) This follows a similar pattern observed by ACCO in its previous investigation into antiquities trafficking on Facebook.

ACCO researchers found that Facebook is not just failing at removing wildlife sale Pages and Groups, it’s succeeding—massively—at pointing users in their direction. Of the Pages selling wildlife identified by ACCO, 29% (137 Pages) were located using Facebook’s own “Related Pages” feature, which recommends Pages similar to one a user has visited or “liked.” This feature, which critics have said can serve as an “echo chamber” for hate speech,¹³ has the similar effect of amplifying illicit wildlife traffic.

Among the 137 Pages identified by Facebook algorithms, 71% (97 Pages) did not include key words such “sale,” “buy,” or “sell” but did sell wildlife or wildlife parts. This demonstrates that Facebook algorithms work to connect users to wildlife content that might not otherwise have surfaced in their searches.



This Arabic language Page is selling wildlife--including cheetahs--through the platform. The profile photo shows a man holding lion cubs. The cover photo includes text embedded into an image stating that the page is for “Buying and selling all kinds of animals and displaying animals for sale. Get more than 60,000 Emirati followers for free on Instagram.”

Parallel Project: Using Machine Learning to Find Wildlife Traffickers

In a parallel project to this one, ACCO expert Dr. Tim Mackey and his team at the Global Health Policy Institute developed and implemented machine learning tools - which are algorithms that automatically improve through continued experience - to collect data about wildlife sales on Facebook. Using Facebook’s search bar, Dr. Mackey and his team were able to identify thousands of Facebook posts selling wildlife in Mandarin Chinese on the platform. The study was carried out without access to Facebook’s application programming interface (API), which was restricted following the 2018 Cambridge Analytica data breach. Despite their lack of access to Facebook’s back-end tools, Dr. Mackey and his fellow researchers were still able to easily identify thousands of posts in which wildlife was illegally traded. The deployment of Facebook’s internal tools would naturally allow for even easier identification of such Pages. However, Facebook has proven unwilling to deploy these available resources to tackle the trade in illegal wildlife occurring on its platforms.

EXAMINING FACEBOOK'S EFFORTS TO REMOVE WILDLIFE PAGES

It's unclear how many Pages Facebook moderators have removed since the firm joined the coalition because Facebook does not include statistics on wildlife removals in its annual transparency reports.¹⁴

What ACCO's research does make clear is that many Pages have remained active for at least a decade. It's also clear that Facebook has been ineffective at removing new Pages.

During this six-month study, which ran from March 2020 through September 2020, multiple Pages identified by ACCO researchers were deactivated. Roughly 59% (132) of the Pages in English were no longer active as of October 3, 2020.

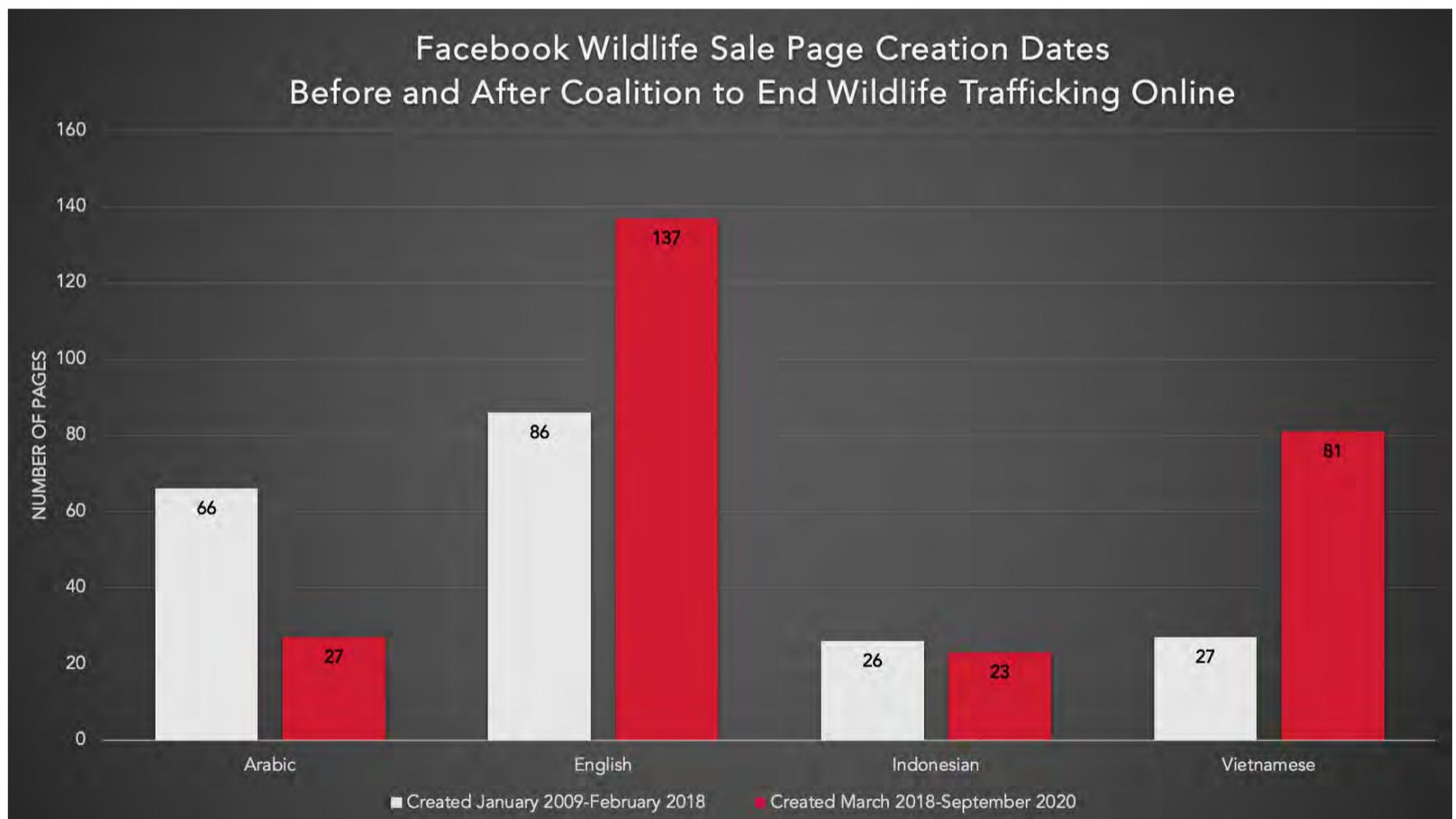
It's unclear if the Pages were taken down by Facebook or the Page owners. It's pertinent to note that the 41% (91 Pages) of English-language Pages that remained included some of the most-followed and active wildlife-sale Pages which account for 71% (194,383) of the total Page "likes" in the dataset.

It's perhaps also relevant that the 473 Facebook Pages identified by ACCO in total garnered a collective 1,344,248 "likes."

Of those 473 pages, 31% (146) of the Pages were deactivated, but those pages left up on the platform garnered 90% (1,203,281) of the total Page "likes."

In other words, the deactivated Pages represented just a small portion of the overall audience for wildlife sales, suggesting that pages generating the most engagement are not removed.

Facebook may have had some success in removing English-language Pages, however it has a poor track record in taking down Pages in the other three languages investigated. Over the course of the ACCO study only 2.2% (2) of the 93 Pages identified in Arabic had been deactivated by October 3; only 2% (1) of the 49 Pages identified in Indonesian have been removed; and only 10.2% (11) of the 108 Pages identified in Vietnamese have been taken down.¹⁵

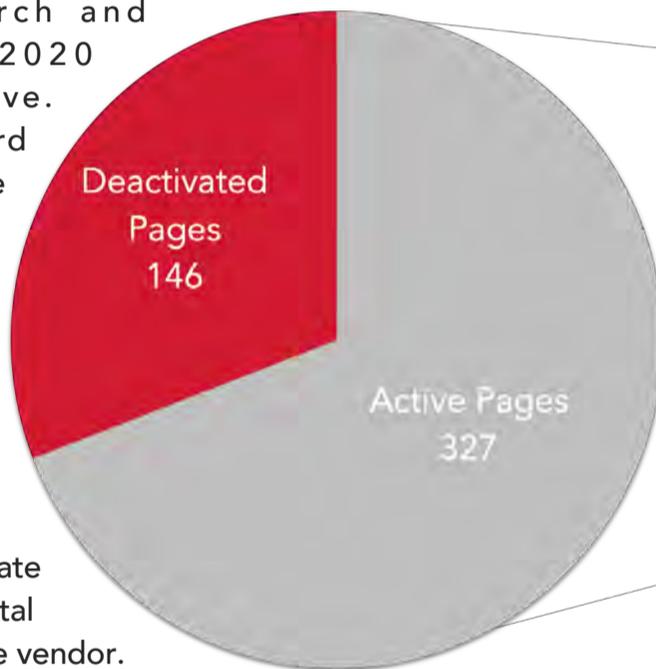


REMOVAL RATE OF FACEBOOK WILDLIFE SALE PAGES

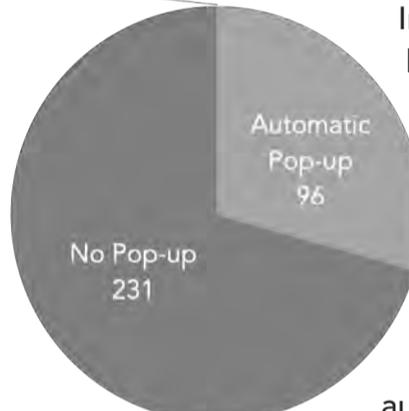
Language	Pages	Page Like Totals	Deactivated as of October 3, 2020	Active as of October 3, 2020	Likes of Pages Active as of October 3, 2020
Arabic	93	814,876	2	91	765,029
English	223	273,227	132	91	194,383
Indonesian	49	151,337	1	48	151,061
Vietnamese	108	104,758	11	97	92,808
All Languages Combined	473	1,344,248	146	327	1,203,281

WILDLIFE SALE PAGE FACEBOOK MESSENGER POP-UPS

The data shows that, as of October 3, 2020, 327 of the Pages in the four study languages identified between March and September 2020 remained active. Nearly one-third (96) of these remnant Pages use a feature that deploys an automatic Facebook Messenger pop-up, which then prompts the user to communicate securely and in total privacy with the vendor.



In the U.S., some wildlife sellers who operate Pages under the guise of being breeders openly declare that the animals they are selling have recently been shipped from Central America. Images on these posts have embedded phone numbers to ensure Facebook does not detect sales occurring. In cases where a Page owner does not provide a phone number, Facebook automatically pops up a window enabling private direct messaging between the buyer and vendor. These pop-up boxes contain a range of pre-written inquiries such as "How much do your products or services cost?"



This post, from Page EngP-10, includes information about a recent shipment from Central America along with a direct phone number.

According to Facebook's transparency tools, the Page has been actively selling animals on Facebook for nearly a decade.

WILDLIFE SALE PAGE CREATION DATE INSIGHTS

Studying the dates these Pages were created by language provides additional insights into what drives users to create public Pages for wildlife sales.¹⁶ Pages in English, for instance, appear to have increased significantly in 2020, which may correlate with the COVID-19 lockdown that drove more people online and also caused Facebook to reduce the number of human moderators.

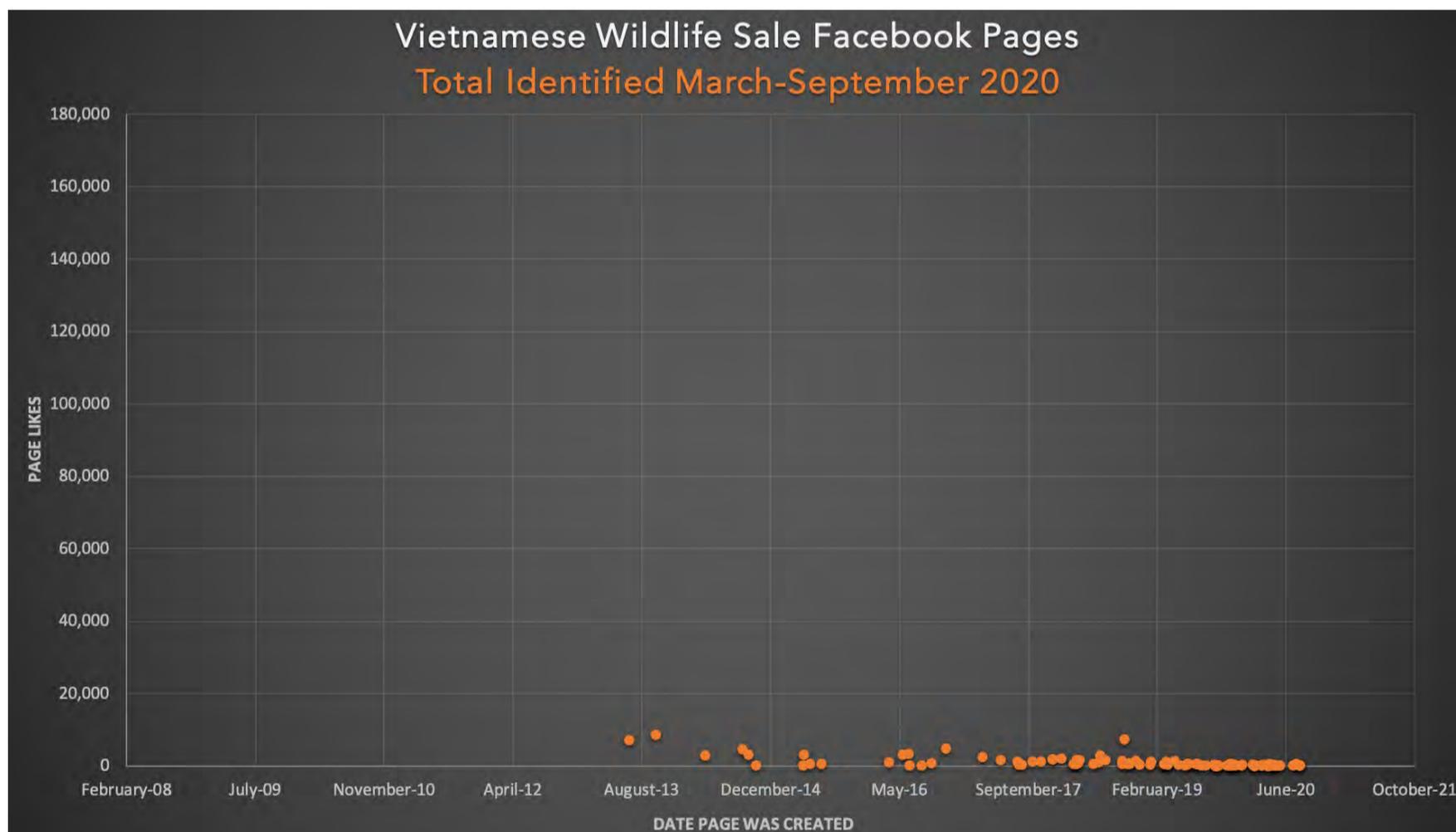
The graph below shows a cluster of Vietnamese-language Pages established from 2017 onward. To understand this spike in Page creation one needs to look at Facebook Inc.'s global expansion efforts. In May 2017 Facebook partnered with Vietnamese mobile company MobiFone to launch Facebook Flex and Free Basics.¹⁷ Free Basics was born out of Facebook's Internet.org initiative to get as many people connected globally as possible.¹⁸

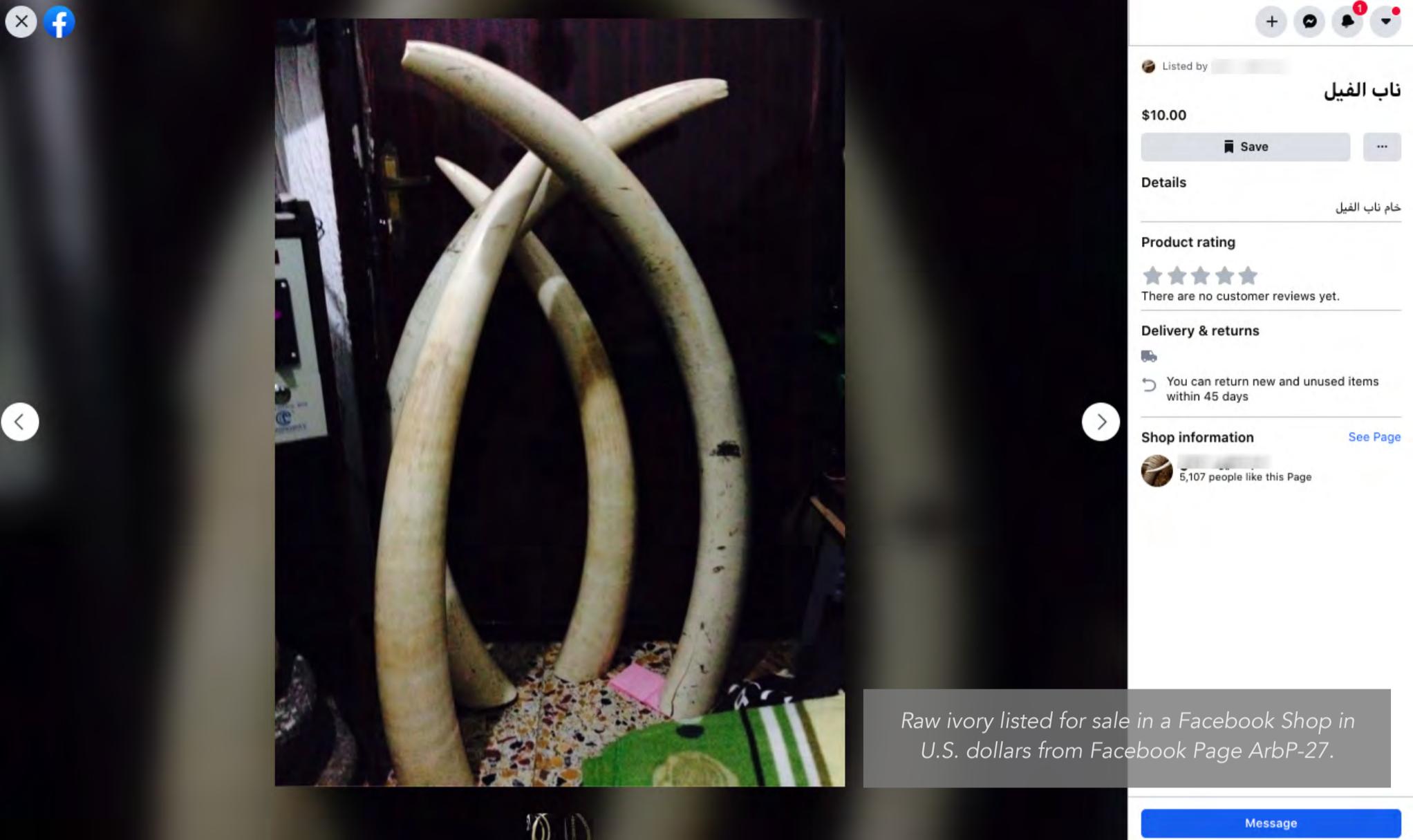
The Free Basics program now falls under Facebook Connectivity and continues to provide limited access to the Internet through partnerships with local mobile data providers.¹⁹ Facebook's free availability in countries like Vietnam means that for many people,

Facebook is the Internet.²⁰ This explosive growth of web access across the developing world, coupled with Facebook's limited moderation efforts, has enabled



illicit actors to thrive across a range of crime sectors. In Vietnam, this is demonstrated by a spike in post-2017 Pages developed to traffic ivory. Of the 108 Vietnamese-language Pages identified by ACCO as selling wildlife, a full 56% were devoted to selling raw or worked ivory. This was not the case with English-language Pages, where ACCO searches for ivory yielded comparatively few results.





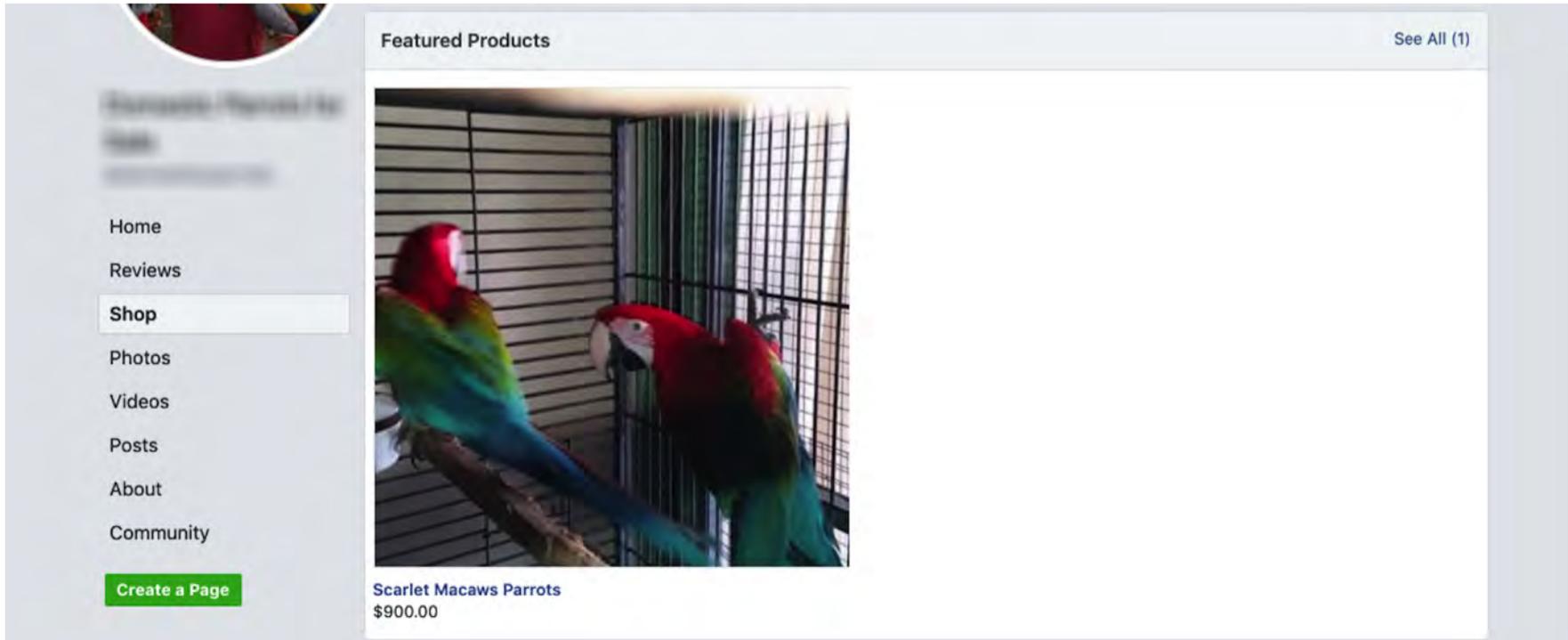
Raw ivory listed for sale in a Facebook Shop in U.S. dollars from Facebook Page ArbP-27.

WILDLIFE SALES IN FACEBOOK SHOPS

Facebook Pages also provide the option for admins to utilize another platform feature: Facebook Shops. These shops serve as storefronts for individuals to purchase items from a particular seller without having to leave the Facebook platform. Facebook takes a 5% transaction fee for every sale that takes place in a Facebook Shop,²¹ where ACCO researchers found products like live animals and elephant ivory for sale.

The utilization of the Facebook Shops feature to sell illicit goods was not observed in ATHAR Project’s investigations into antiquities trafficking on Facebook.

The use of this feature means that the company is actually profiting from the illegal wildlife trade, in direct violation of its own policies, the Lacey Act, and various international endangered species laws.



How it Works: Facebook Pages Accelerate Wildlife Sales

One page, entitled “Monkey for Sale,” makes clear how Facebook features drive users toward a seemingly endless supply of animal sale content should a user fail to find their desired exotic pet on the first page they visit. Facebook’s sharing features allow a page with less than 1,000 ‘likes’ to have its sale posts shared widely to generate more eyes — and potential buyers — for their content. For many Facebook Pages, users are encouraged to contact sellers through private messages in an effort to circumvent Facebook’s scant moderation efforts. Facebook tools even allow sellers to enable a function to direct message buyers through a Facebook post.

The screenshot shows a Facebook page for 'Monkeys for Sale'. The page has 954 likes and 381 followers. A post from the page, dated 16 February, offers 'Marmoset and Capuchin Monkeys for Re-homing'. The post includes a photo of a monkey and has 288 comments and 109 shares. A 'Send Message' button is visible on the post. The page also has a 'Related Pages' section with 'Capuchin Monkeys for...' and 'Marmoset Monkeys' listed. Annotations with red arrows point to these elements:

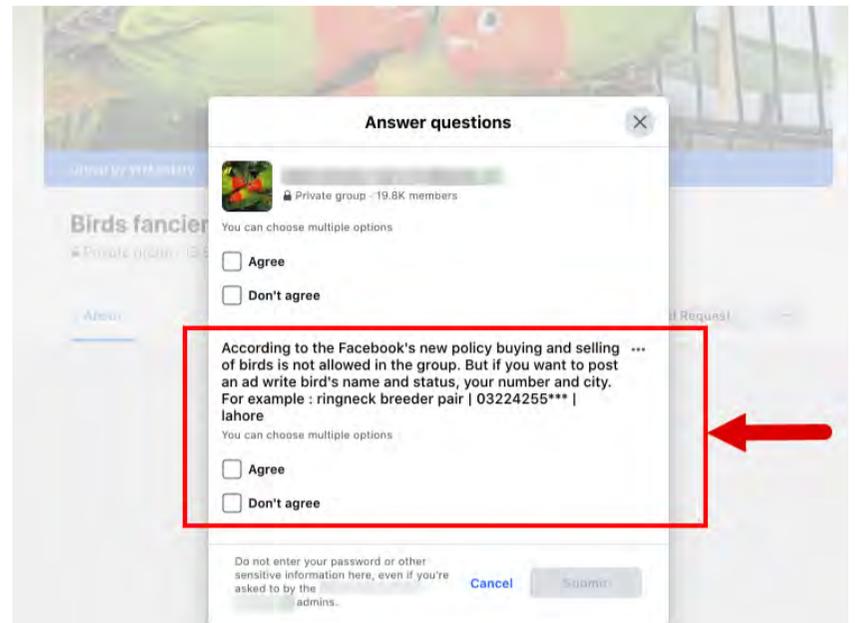
- Lack of moderation means page names make clear live animals are being sold** (points to the page name 'Monkeys for Sale')
- Related pages feature sends users to other pages selling similar wildlife** (points to the 'Related Pages' section)
- Facebook makes it easy to circumvent rules and directly message sellers** (points to the 'Send Message' button)
- Post offering marmoset and capuchin monkeys for sale shared 109 times** (points to the share count '109 shares')

GROUPS: A MORE COVERT APPROACH

Facebook Groups often take a more covert approach to selling wildlife than Facebook Pages.²² Of the 281 Groups identified by ACCO, just 24% (68 Groups), included “sale,” “buy,” or “sell,” in the Group name. Groups are generally not as public as Facebook Pages which means that the insulated communities they house often take longer to build. In examining Facebook Groups selling wildlife, ACCO found evidence of special efforts by admins to help groups avoid being moderated. The instructions and guidance from Group admins in different languages across the globe share one feature: they all aim to help users avoid Facebook’s moderation efforts. If Facebook is serious about combating wildlife sales, it should develop typologies that track these tricks, and then develop countermeasures against them.

English-language Groups appear far more heavily moderated than their foreign-language counterparts. Admins often post instructions on how users can avoid detection by Facebook’s systems. For example, researchers found multiple examples of moderators advising users to use terms like “adoption” or “rehoming” instead of “sale.”

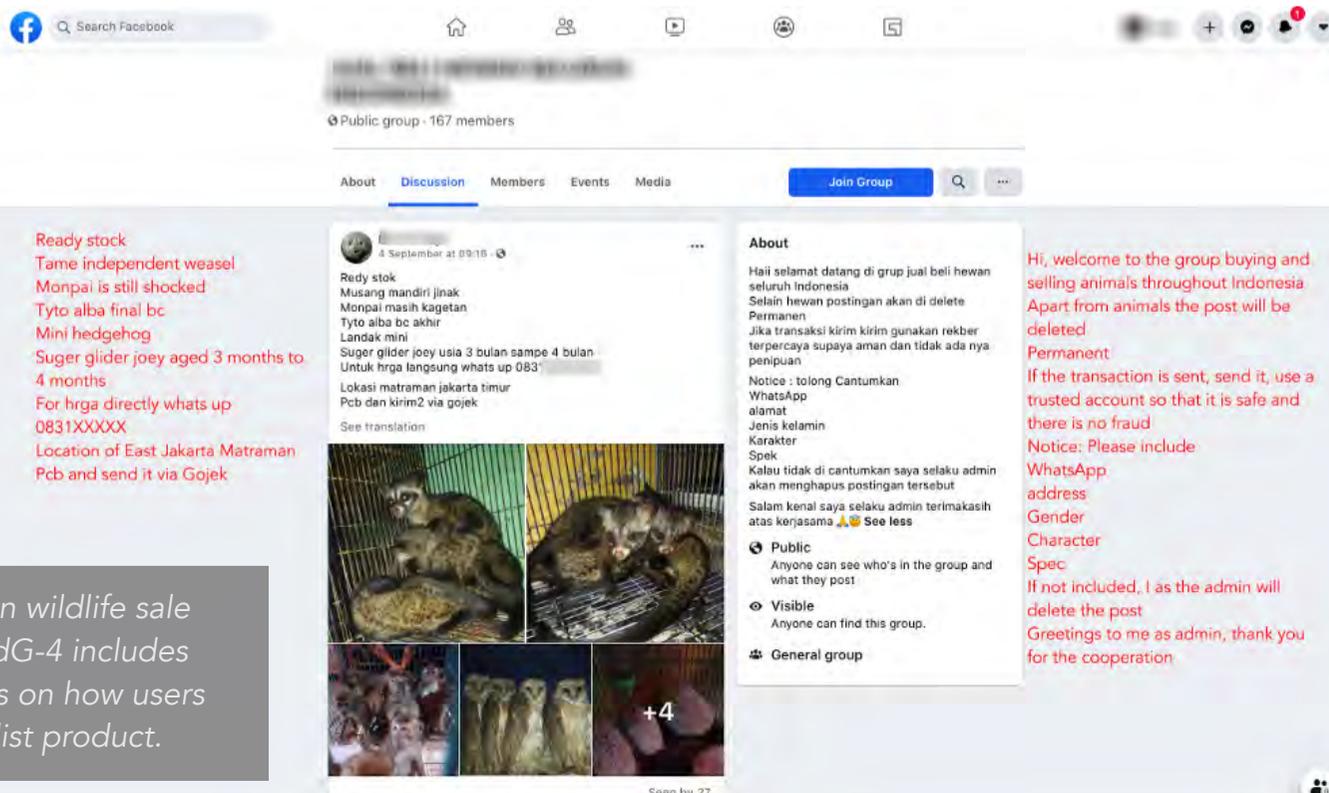
One English-language group based in Lahore, Pakistan, includes instructions in the questions a user must answer to become a member of the private Group. The Group, EngG-134, was created on September 4, 2019 and has 20,430 members, meaning the Group has gained an average of 51 new members a day since it was created. In multiple Groups ACCO found based in Southeast Asia, there are explicit messages in the “rule” section instructing members how to sell animals effectively. This illustrates another key trend in Groups: quality over



Group EngG-134 includes explicit instructions in its question firewall for entry that tells users how to offer exotic birds for sale without being detected by Facebook's algorithms.

quantity. Although some of the Groups were small, they appeared laser-focused on wildlife sales.

The Groups trafficking wildlife identified by ACCO researchers were created at a higher annual rate after March 2018, when Facebook joined the Coalition to End Wildlife Trafficking Online, than in the preceding decade, indicating that serious wildlife sellers are increasingly trying to obfuscate their activities. Of the Groups identified by ACCO, 141 were created between March 2009 and February 2018, a rate of roughly 15.8 new Groups per year. The rate of Groups created per year since Facebook joined the coalition is nearly four times that rate—140 Groups created between March 2018 and



Indonesian wildlife sale Group IndG-4 includes instructions on how users should list product.

September 2020 at a rate of 56 new Groups per year. Roughly half of the Groups—50% (140)—identified selling wildlife were created from March 2018 onward, after Facebook joined the coalition. The earliest Groups in the dataset stem back as far as March 2009.

wildlife sellers are gravitating to them. Only 8.2% (23) of all 281 Groups identified March 2020 through September 2020 were deactivated as of October 3, 2020. It's unclear if the Groups were removed by Facebook or by the group admins. Unlike Pages,

REMOVAL RATE OF FACEBOOK WILDLIFE SALE GROUPS

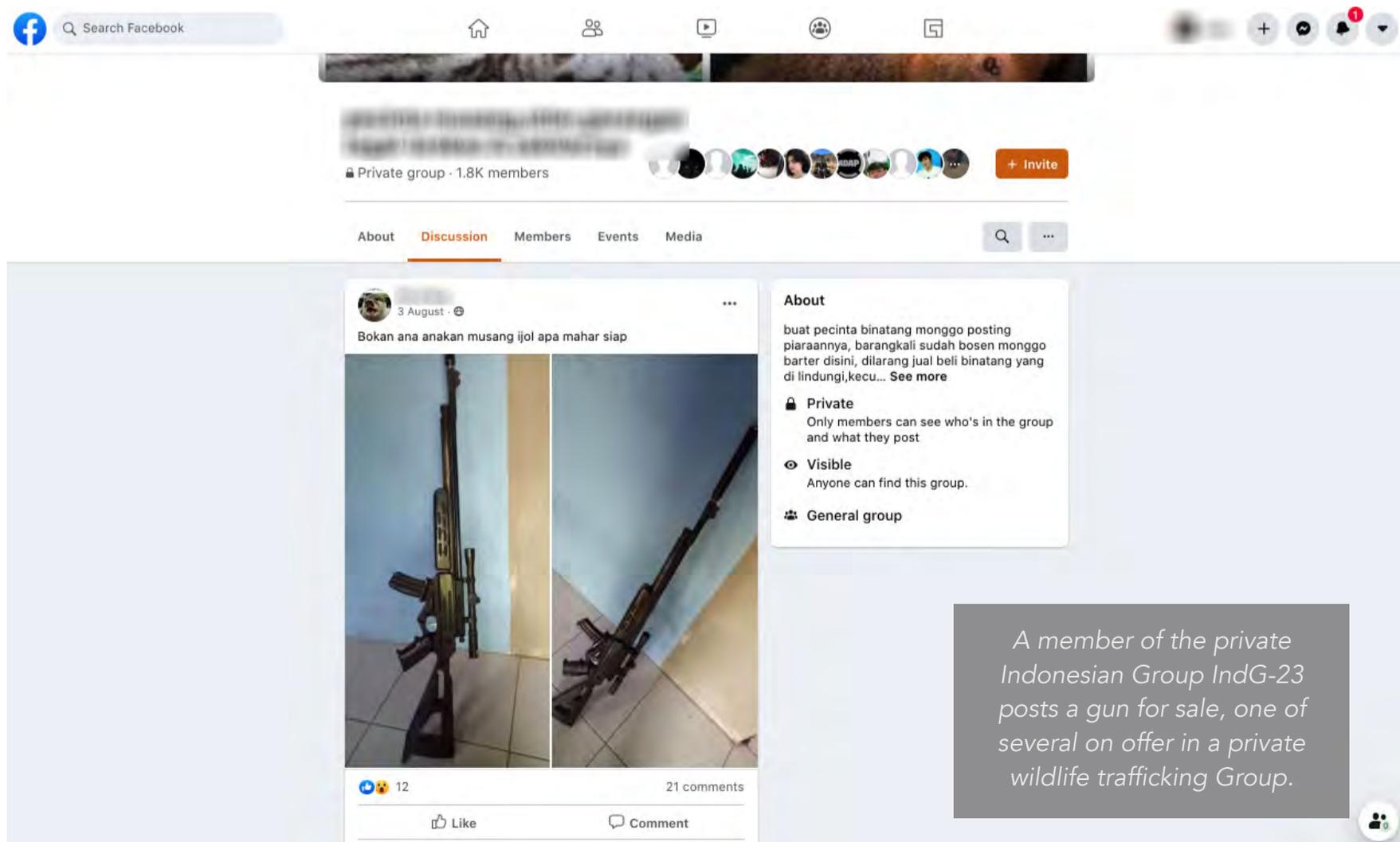
Language	Groups	Group Member Totals	Deactivated as of October 3, 2020	Active as of October 3, 2020	Members of Groups Active as of October 3, 2020
Arabic	65	579,958	4	61	569,430
English	136	662,885	7	129	649,892
Indonesian	52	66,438	4	24	62,274
Vietnamese	28	148,709	8	44	128,235
All Languages Combined	281	1,457,990	23	258	1,409,831

The 281 total Facebook Groups identified had a collective 1,457,990 members. ACCO researchers found these Groups by conducting basic searches. But the Group descriptions and rules make clear that the content within is more illicit than what can be found on an average public wildlife sale page. Everything from wild-caught animals to weapons are available in the private walled gardens that Facebook enables through its Groups feature.

The ACCO study also found that Groups are removed at a far lower rate than Pages, perhaps another reason why

Facebook's moderation efforts in Groups did not have a high success rate in any language. Roughly 5.2% (7) of the Groups in English were no longer active as of October 3, 2020, compared to 59% of wildlife sale Pages in English deactivated during the same time period.

For wildlife sale Groups in Arabic only 6.2% (4) of the 65 Groups identified were deactivated as of October 3, 2020; for Groups in Indonesian only 14.3% (4) of the 49 Groups identified were deactivated as of the same date; and in Vietnamese only 15.4% (8) of the 52 Groups identified were deactivated.²³



CONCLUSIONS AND RECOMMENDATIONS

The illicit wildlife trade continues to flourish on Facebook. Although the firm has claimed it is committed to fighting wildlife trafficking on its family of platforms, our research found that at every turn Facebook's internal policies — and in some cases national and international laws — had been violated. Our findings echo conclusions ACCO reached in other crime sectors: Facebook policy and public comments about countering illicit content are rendered virtually meaningless by the firm's ineffective follow up and enforcement.

Facebook's lack of proactive enforcement is further complicated by the company's failure to include any action it does take in its transparency reports. Facebook has repeatedly relied on researchers, journalists, and activists to serve as unpaid content moderators to report illicit content on its platform.

But even an army of researchers reporting illicit content will not solve Facebook's bigger problem of enabling the transnational wildlife trade. Each of its features serves as an additional tool to perpetuate and enhance the sale of wildlife, even when such content is an obvious violation of the company's policies.

Facebook is currently fighting to avoid regulatory changes from Congress so that it can continue to enjoy

the full immunities granted under Section 230 of the Communications Decency Act. Facebook's failure to address transnational crime at every turn, whether it's trafficking in wildlife, people, drugs, weapons, or antiquities, shows the firm to be unwilling to address crime content without a regulatory incentive. There are concrete technical and policy reforms that Facebook can and should be taking to address the ongoing sale of wildlife on its platform. The risk of not doing so is too great to continue to ignore.



“There is still plenty of wildlife content out there, especially in the Middle East and Southeast Asia. Facebook, Instagram and WhatsApp offer an organized online service that greatly enhances the ability of traffickers to network, market, learn of what's available, meet new clients and conduct business in privacy. They are more efficient and fluid than e-commerce sites, which require a cumbersome portal and registration to operate in private.”

Daniel Stiles, ACCO member and Senior Consultant at the Global Initiative Against Transnational Organized Crime

TECHNICAL AND POLICY REFORMS:

- Facebook engineers should immediately implement code to block Pages, Groups, hashtags and search results for wildlife species in multiple key languages when coupled with the terms “sell,” “for sale” and “buy.” This would cost the firm little time or money to implement but could result in substantial reductions in the amount of wildlife trafficked openly across Facebook platforms.
- Facebook's security team should also develop typologies mapping how wildlife traffickers behave online, and train their AI tools to search for data patterns that match that behavior, such as the efforts employed by wildlife sellers to circumvent current AI detection.
- Facebook should change its policy of waiting passively for users to report wildlife and other serious crime and more proactively search for and remove serious crime content.
- Facebook should strengthen its policy towards criminal activity on its platforms, and should warn its users that anyone caught selling illegal goods risk having their data handed over to law enforcement in the relevant jurisdiction.
- Facebook should increase scrutiny of users who create Groups, especially private and secret Groups, and advise users of this new policy. Groups and Group admins should be under greater scrutiny from moderators.

MODERATION REFORMS:

- Facebook should establish a public-private partnership, funding and authorizing trained experts in key species with relevant language skills to identify and remove wildlife traffickers from Facebook platforms and report their existence to relevant law enforcement authorities.
- These moderation teams should also partner with relevant law enforcement units to develop and implement approaches for finding, removing and prosecuting wildlife criminals.
- These teams should be funded to launch network-focused operations, working to remove wildlife crime networks and prolific traders of wildlife products and live animals, as well as Pages and Groups that operate as global marketplaces.

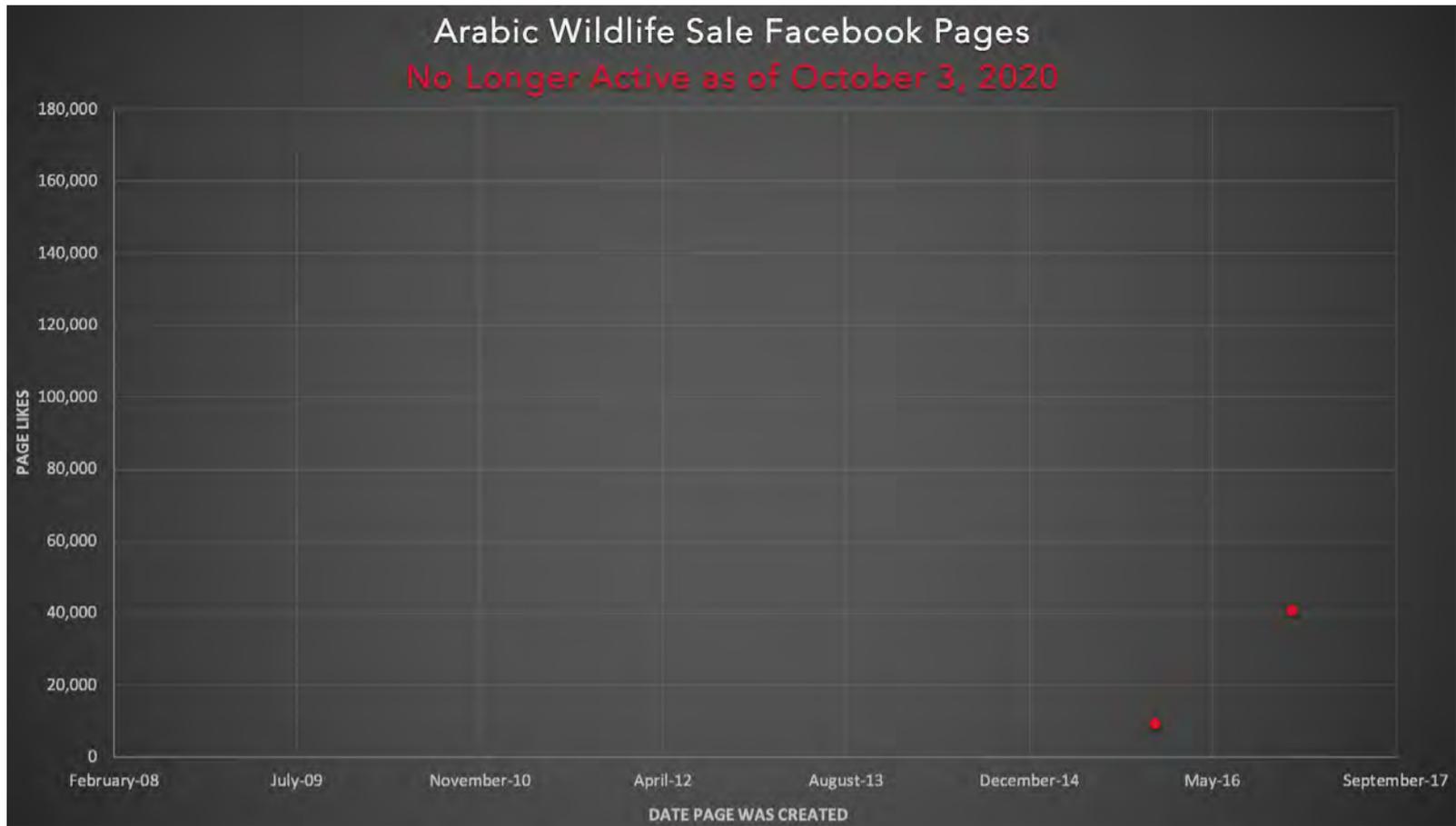
EDUCATIONAL INITIATIVES:

- Facebook should develop and distribute a global counter-narrative effort on its family of platforms, posting informational messages in multiple languages about the threats posed by the illegal wildlife trade. The company already employs similar counter-narrative methods for addressing terrorism on the platform.
- Facebook should scale the use of pop-ups in multiple languages that appear when users type search terms indicating they aim to buy endangered wildlife or illegal wildlife goods.

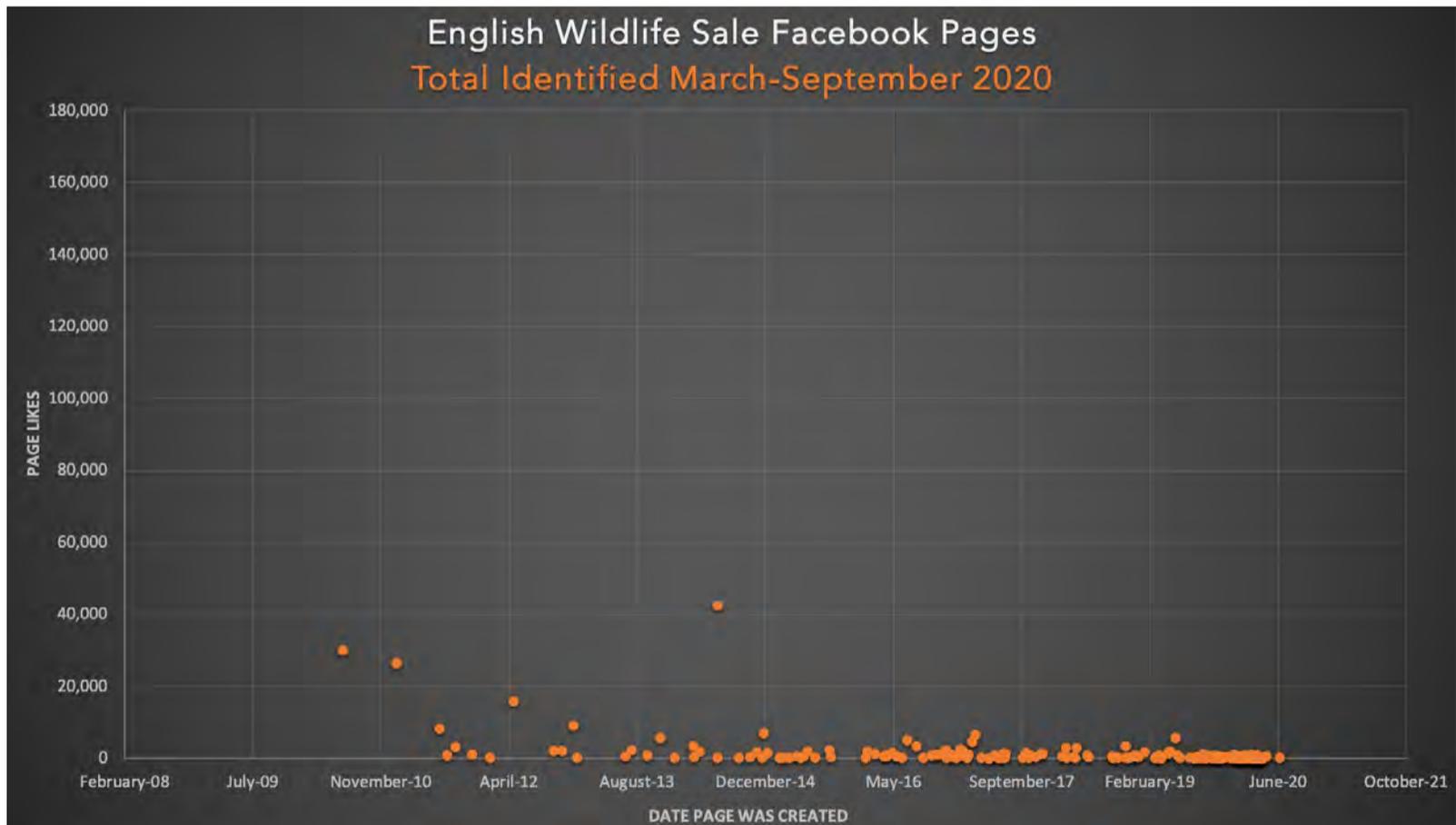


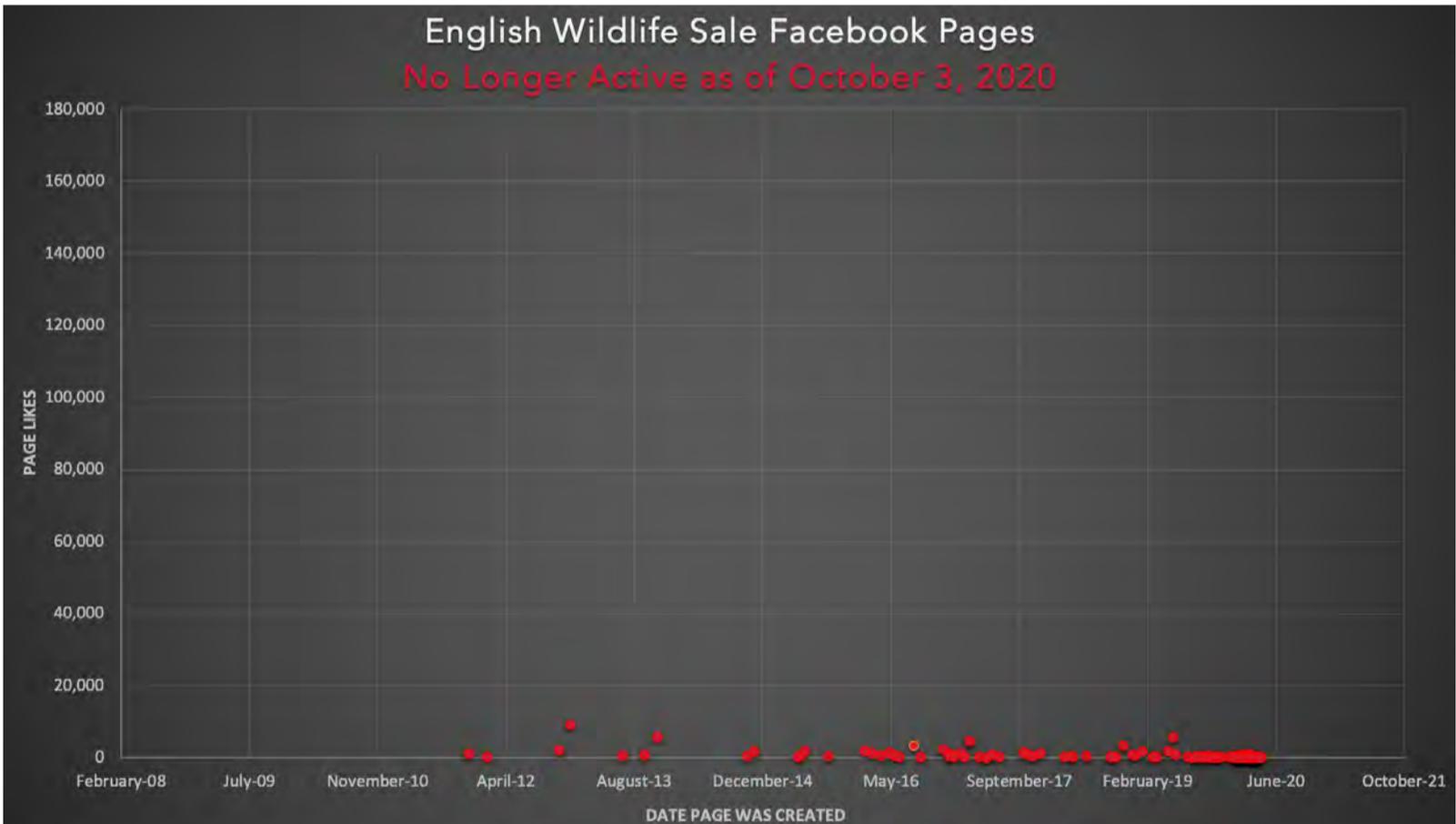
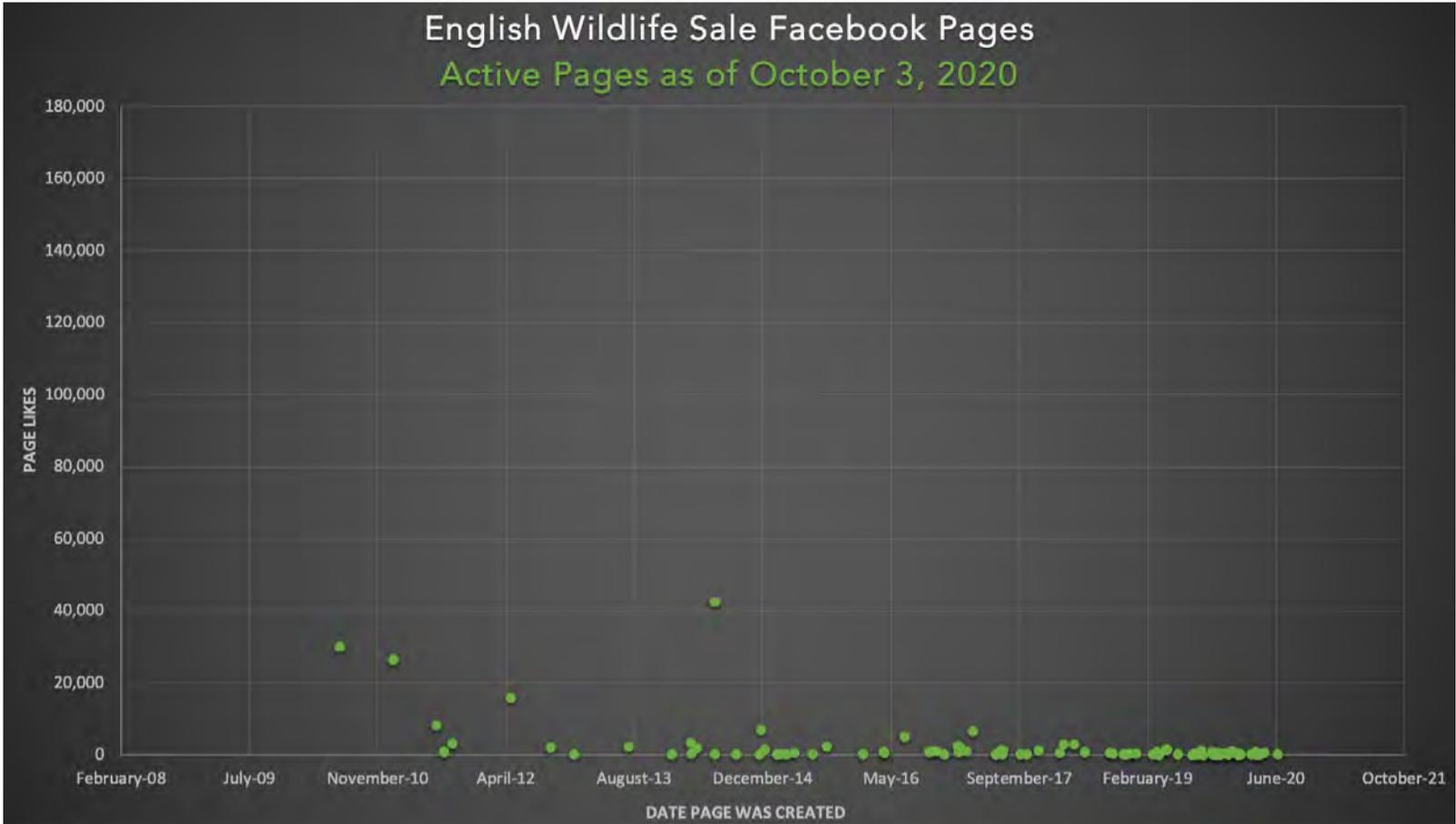
A tiger skin is posted in Facebook wildlife sale Page VietP-58.

Tigers are classified as endangered.

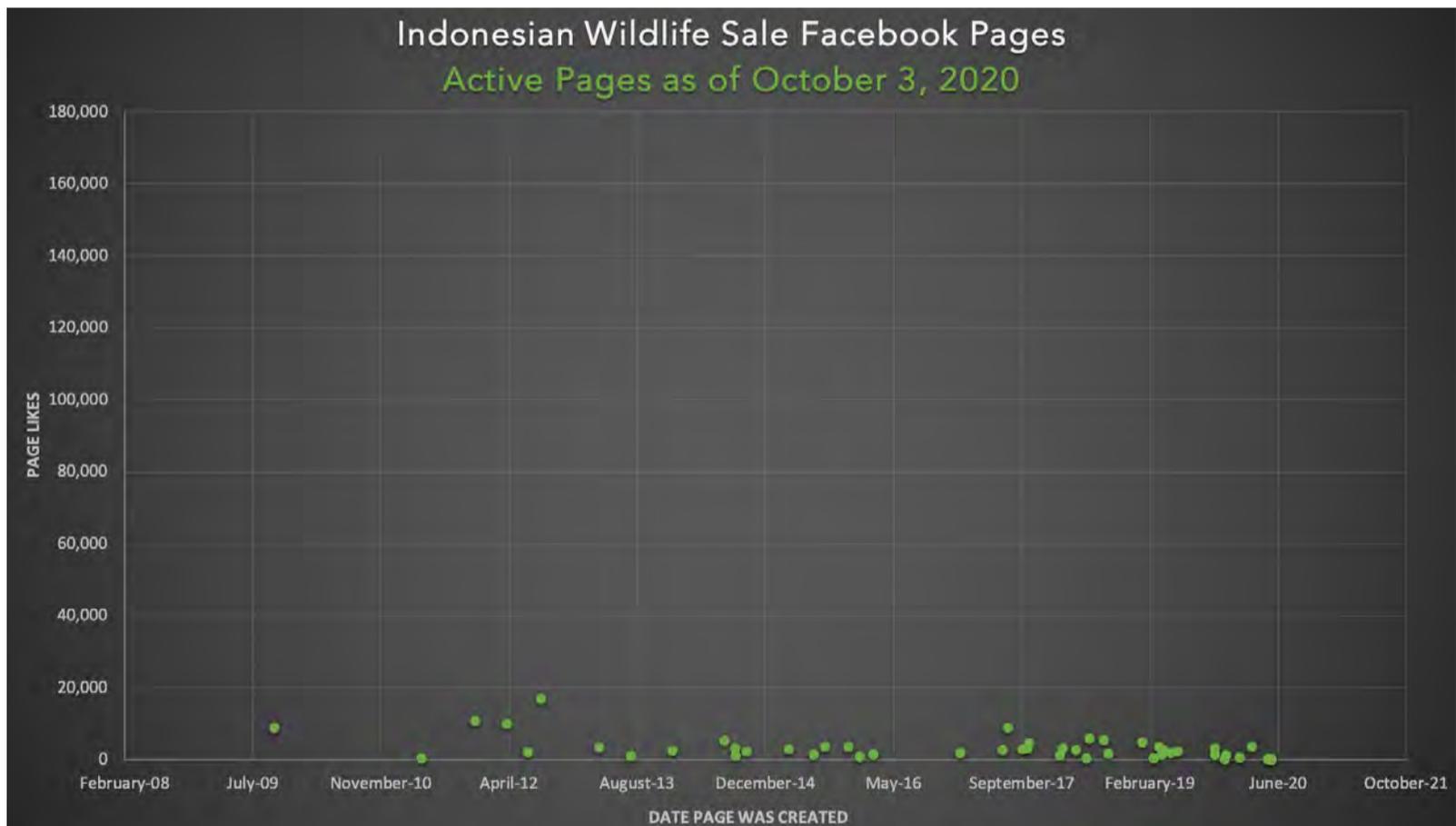
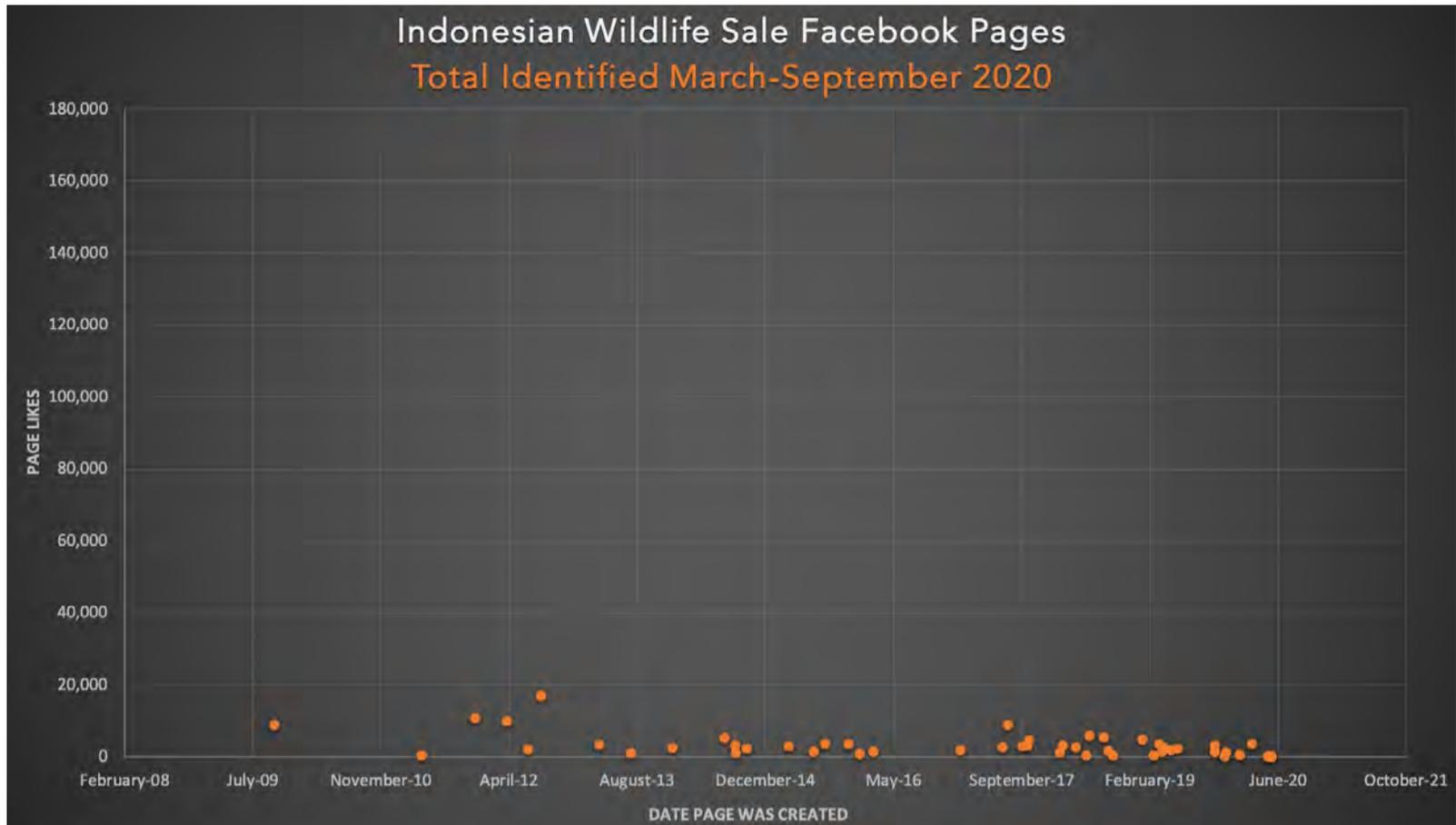


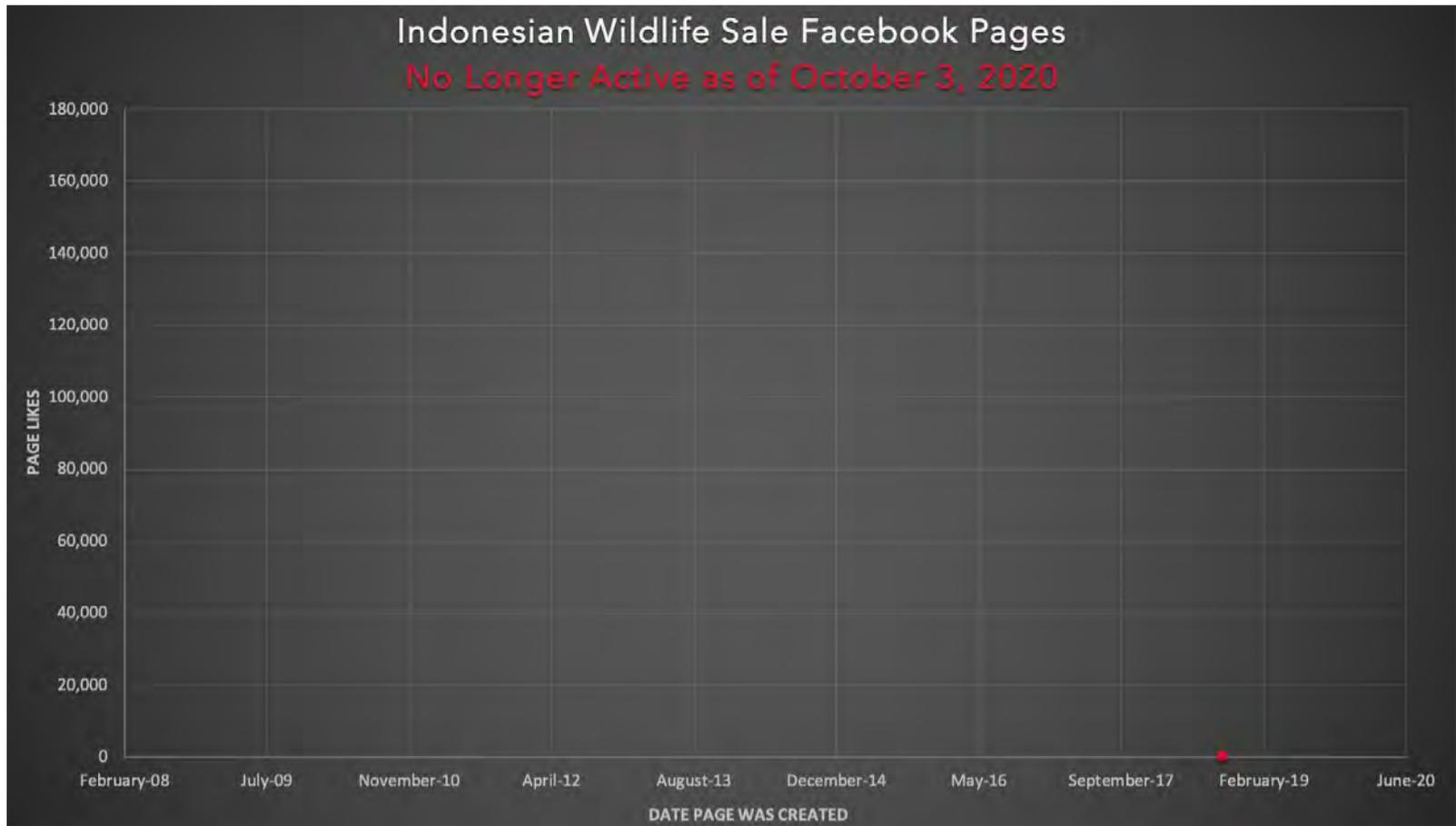
English Pages



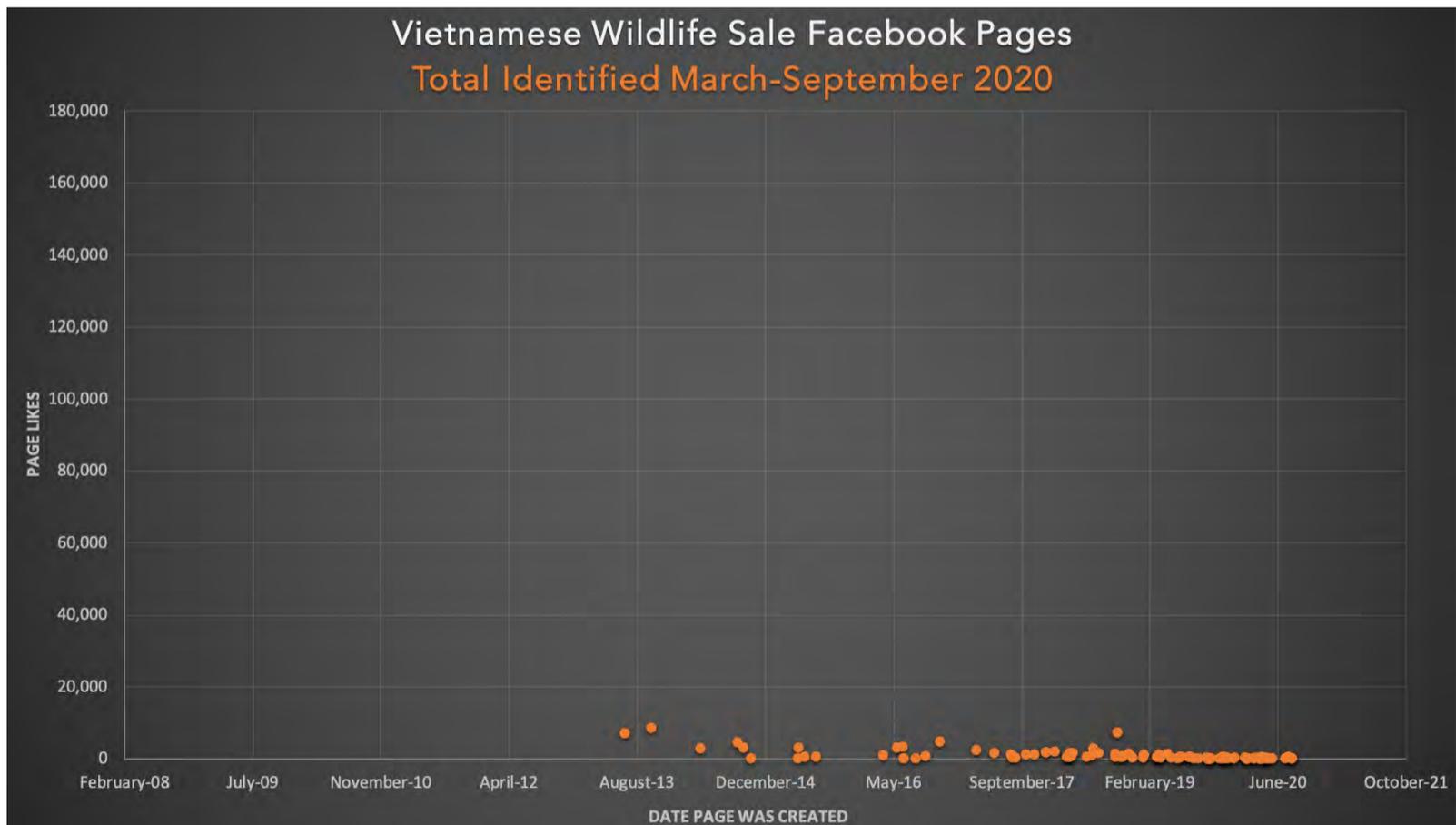


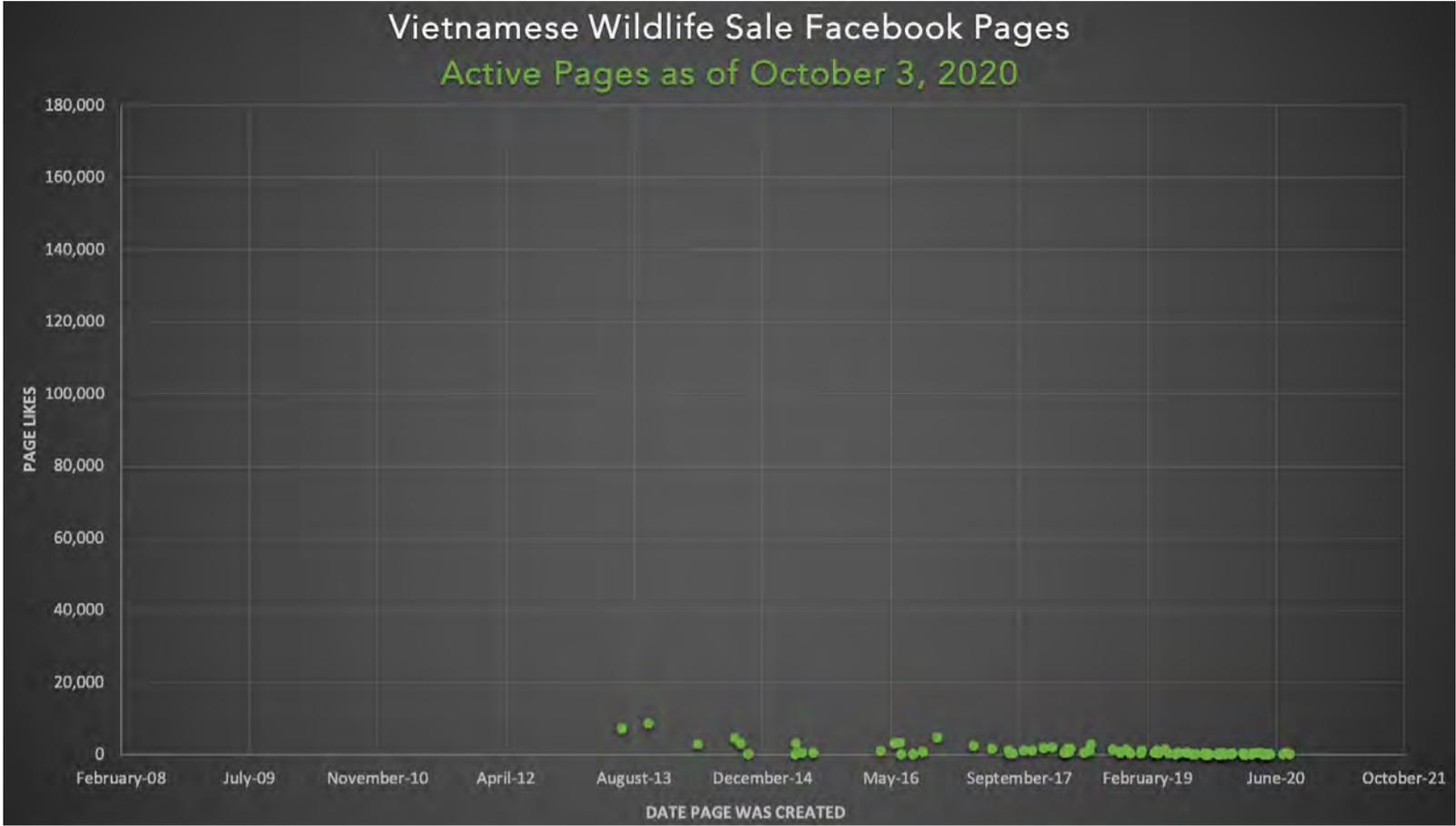
Indonesian Pages



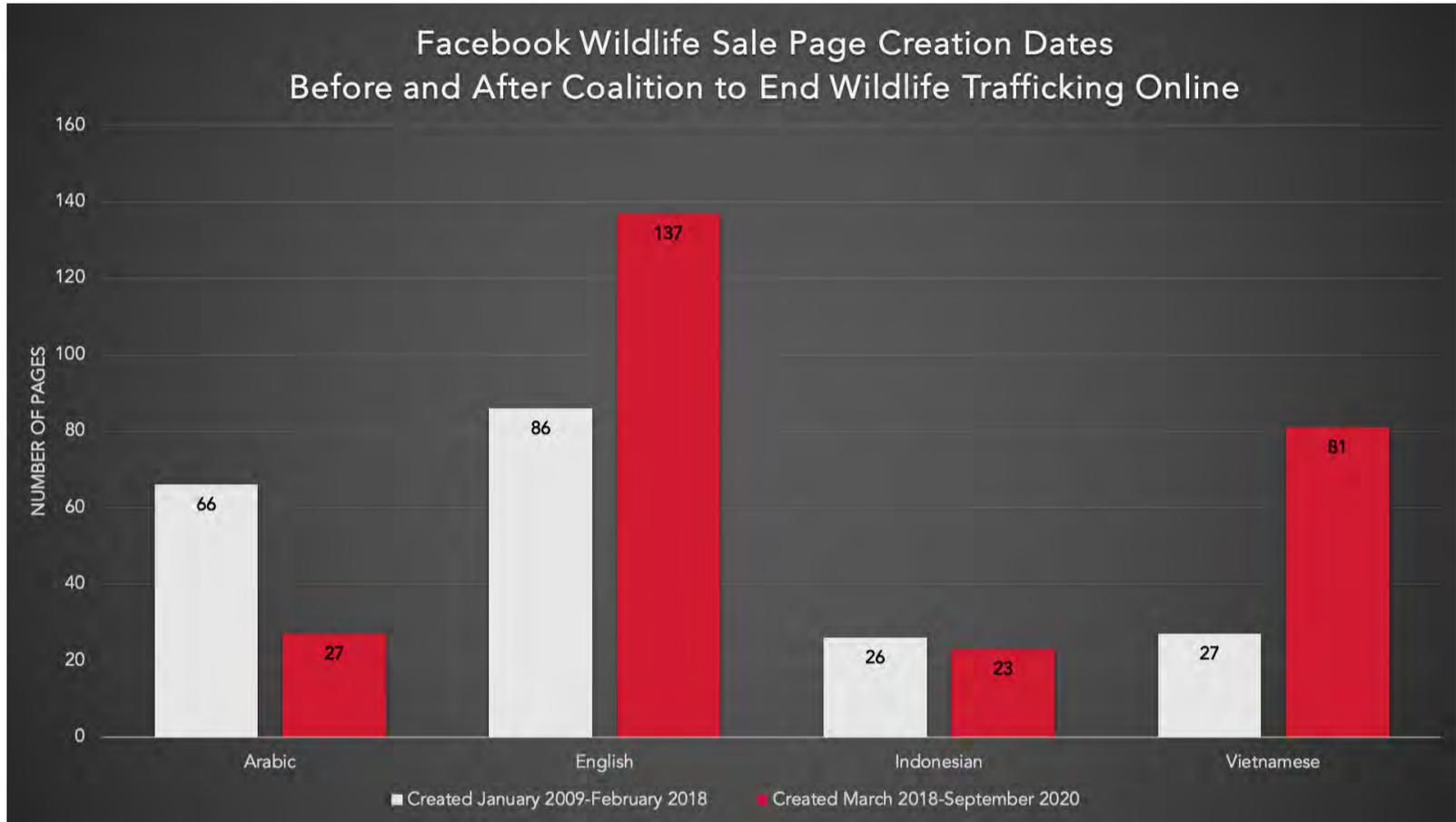


Vietnamese Pages

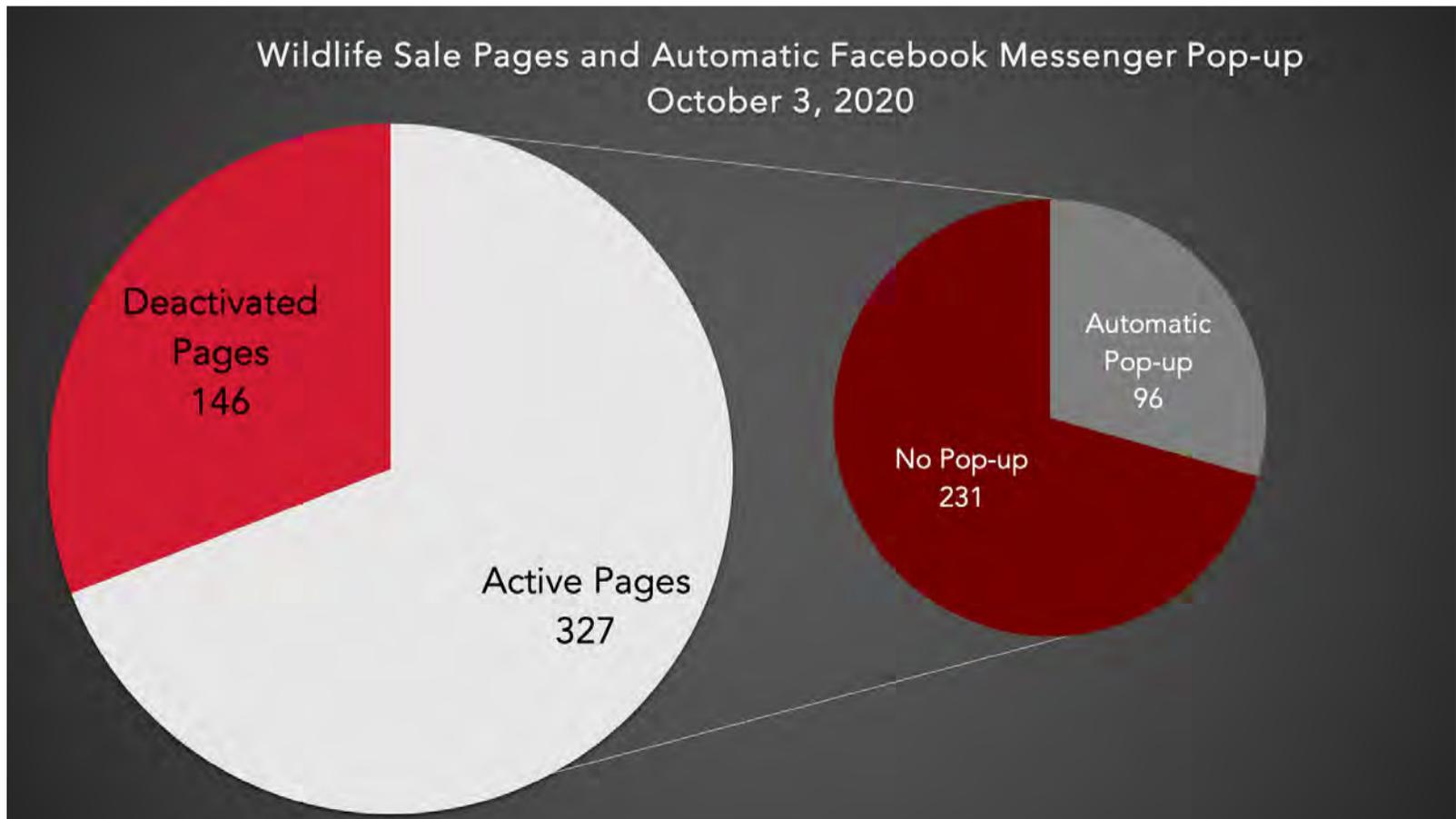




Pages Before and After Facebook Wildlife Coalition

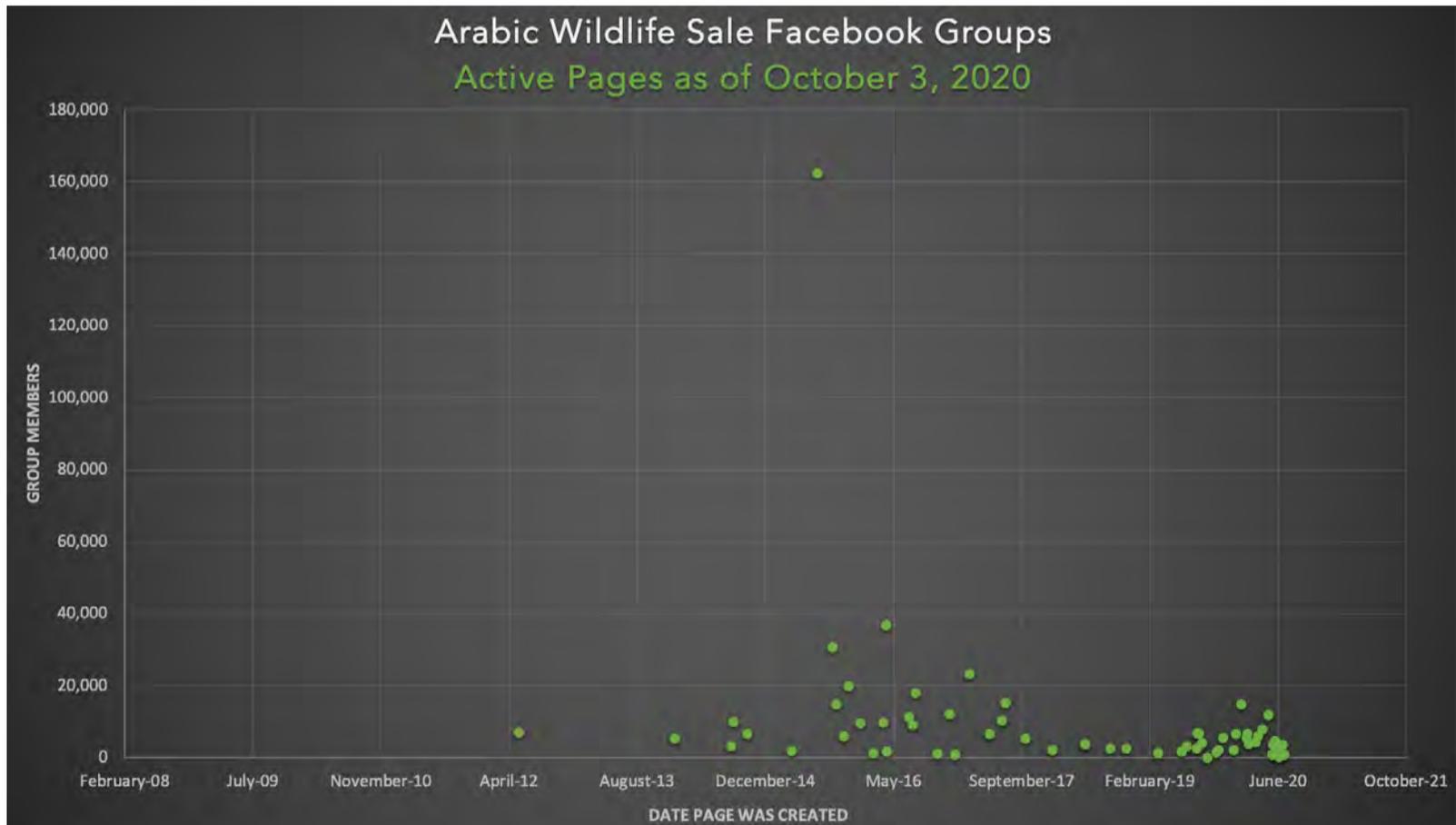
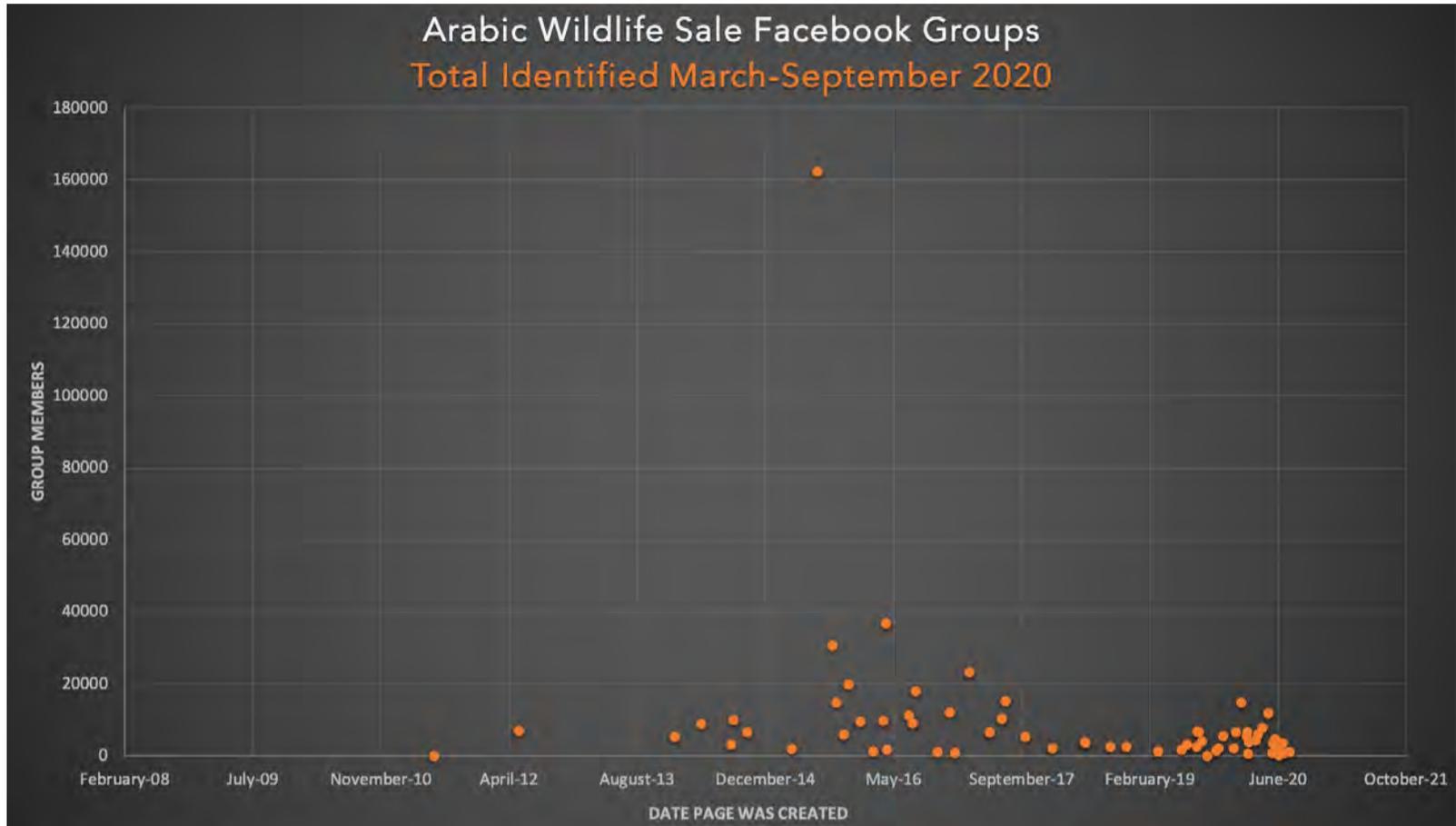


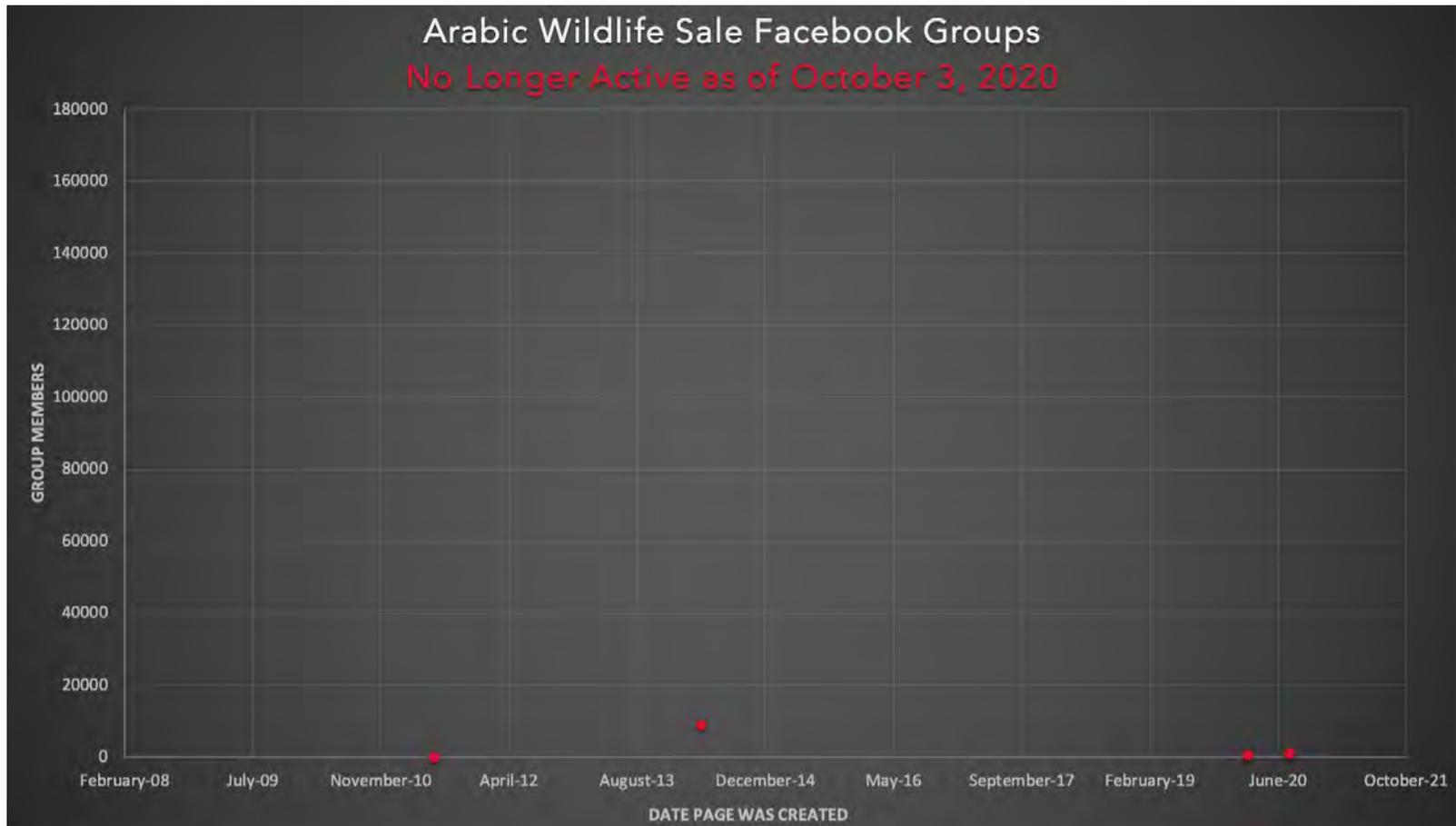
Pages with Facebook Messenger Pop-up



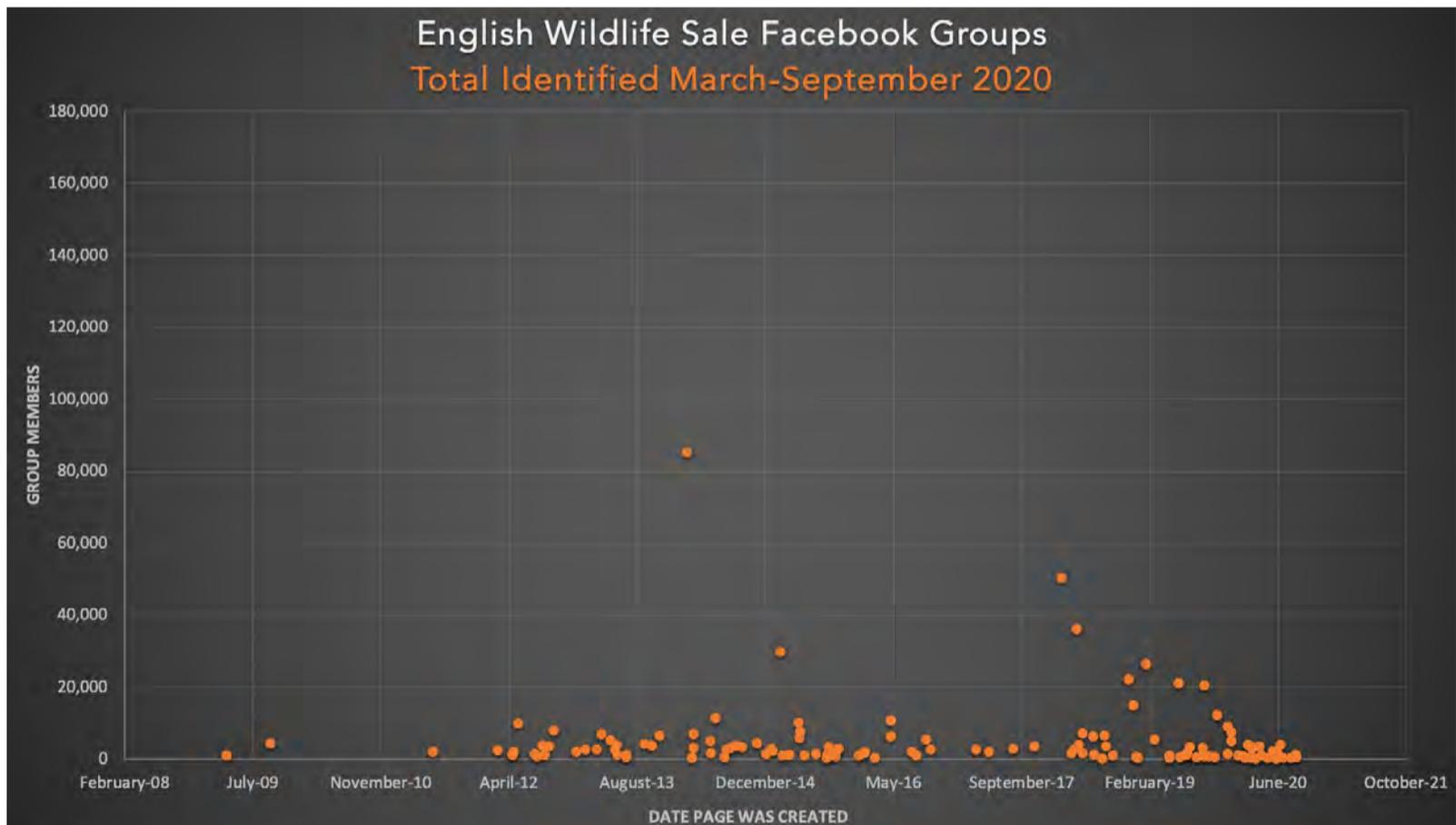
GRAPHS OF FACEBOOK WILDLIFE SALE GROUPS

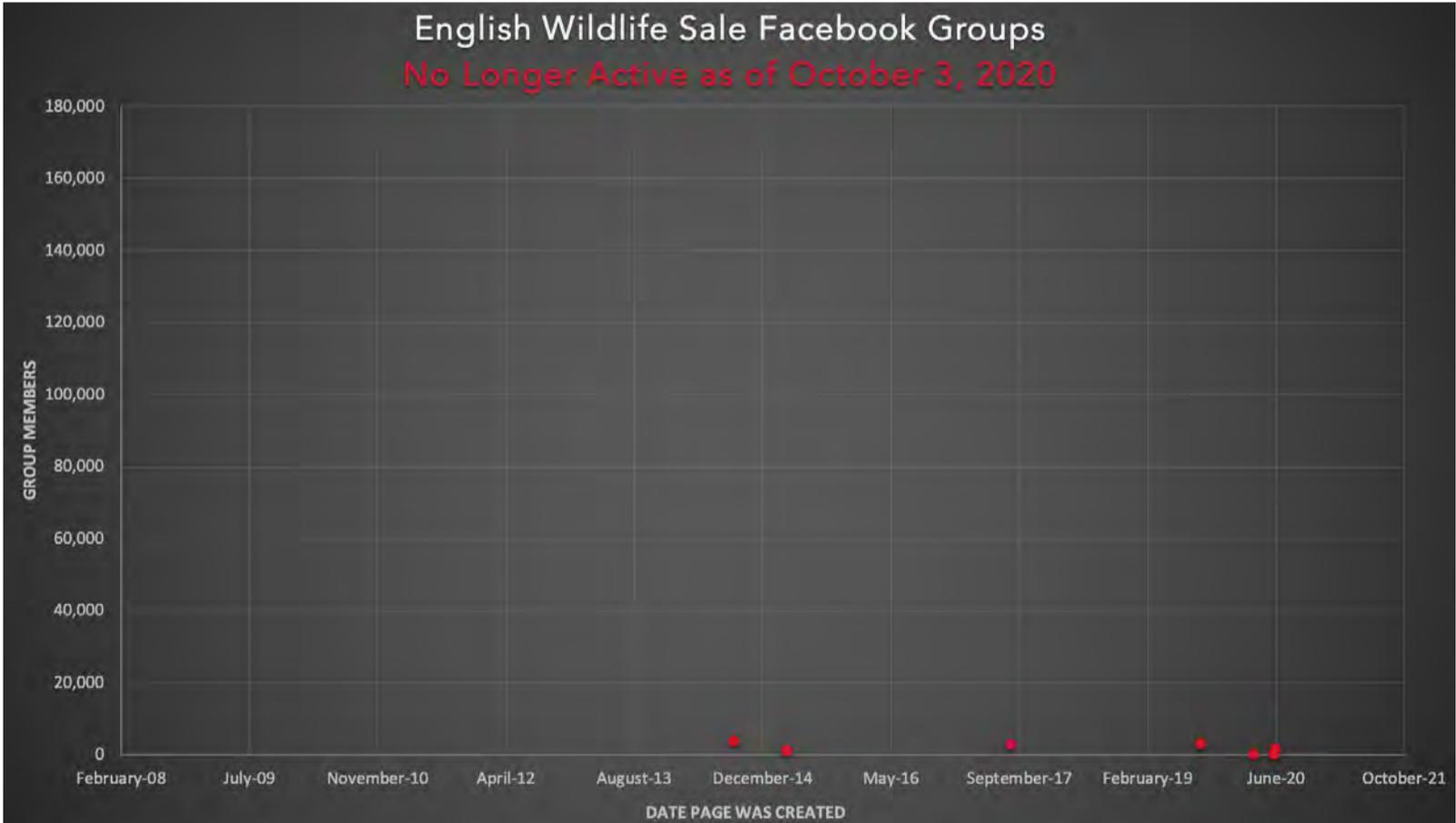
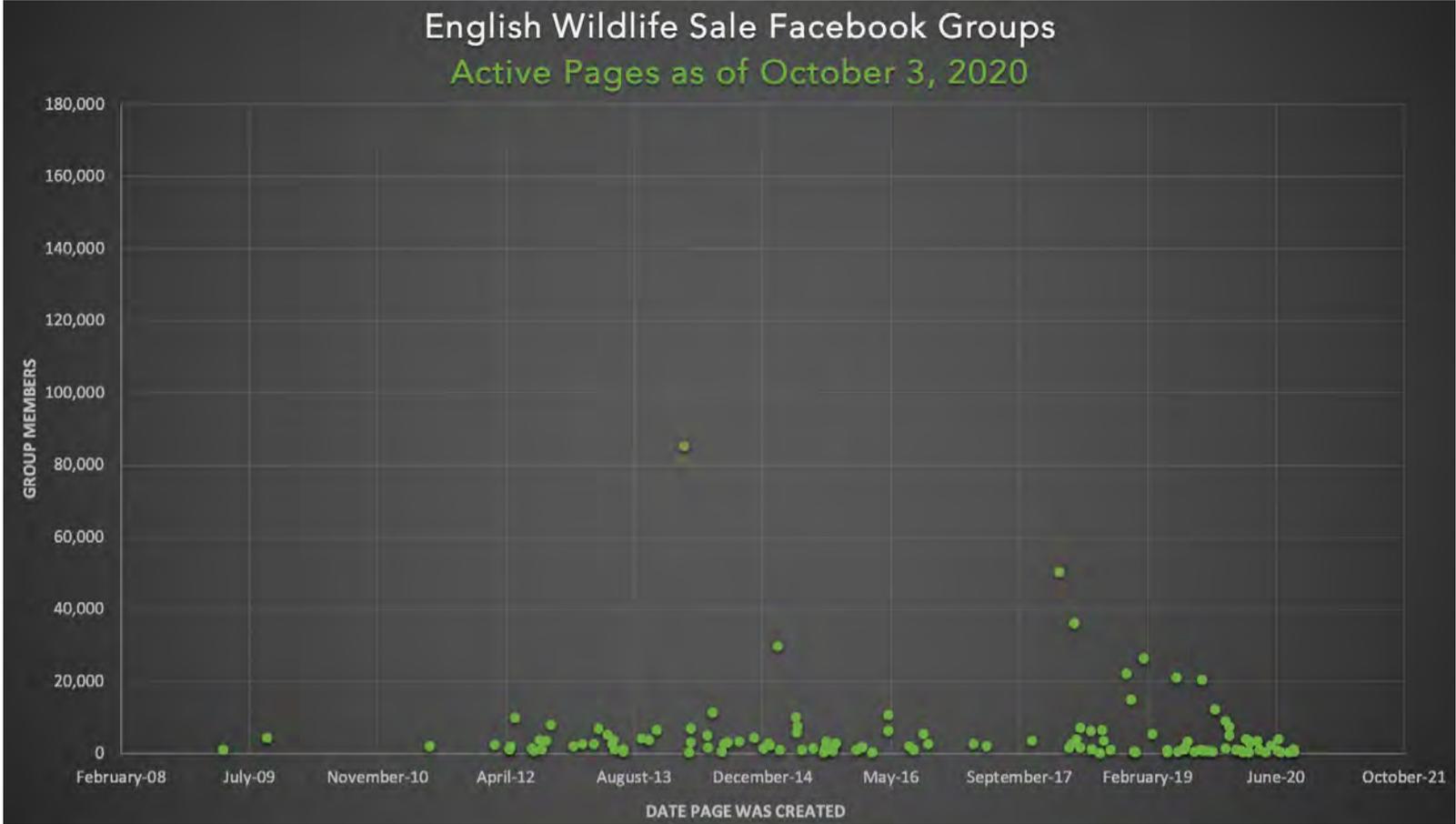
Arabic Groups



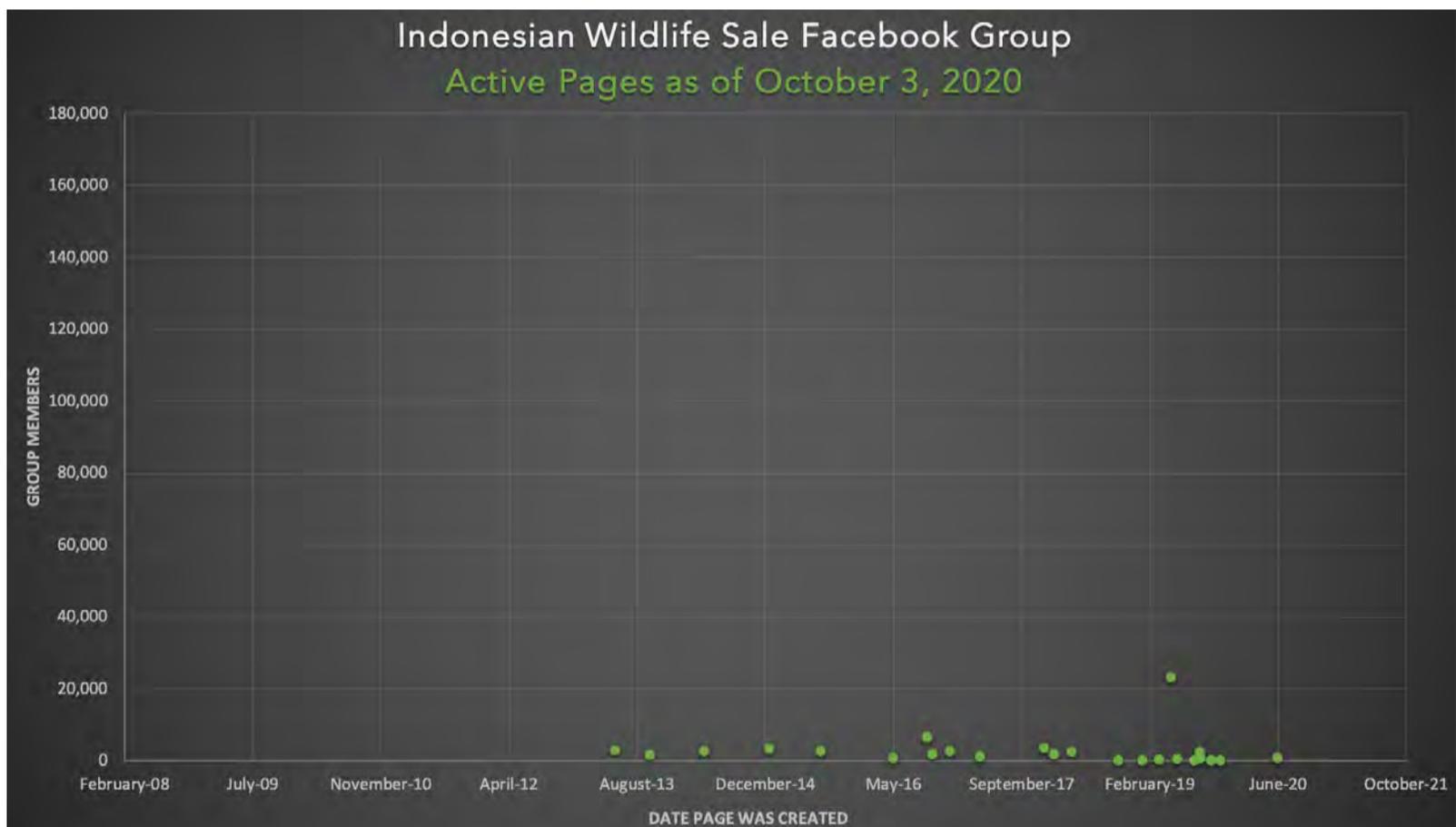
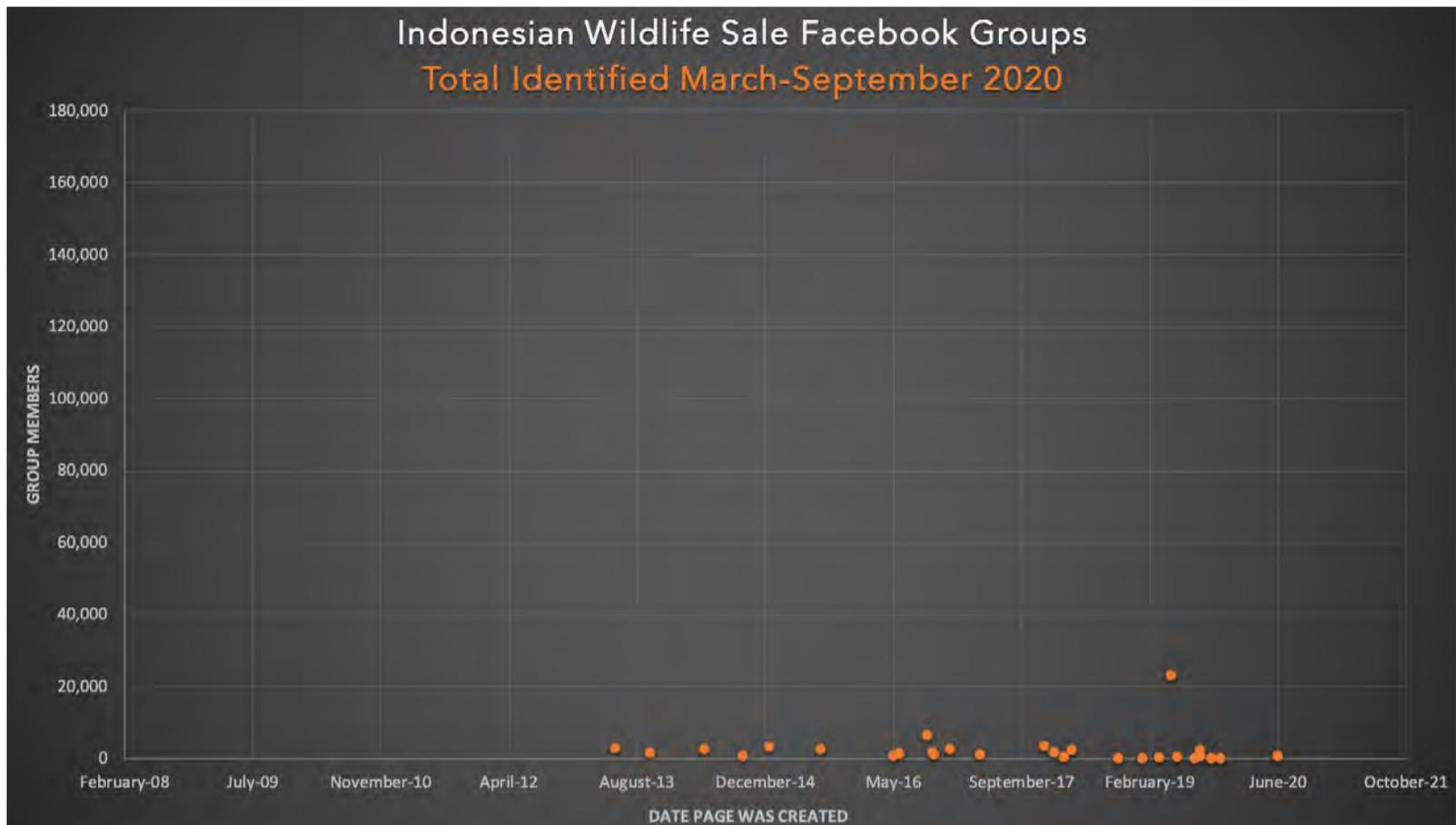


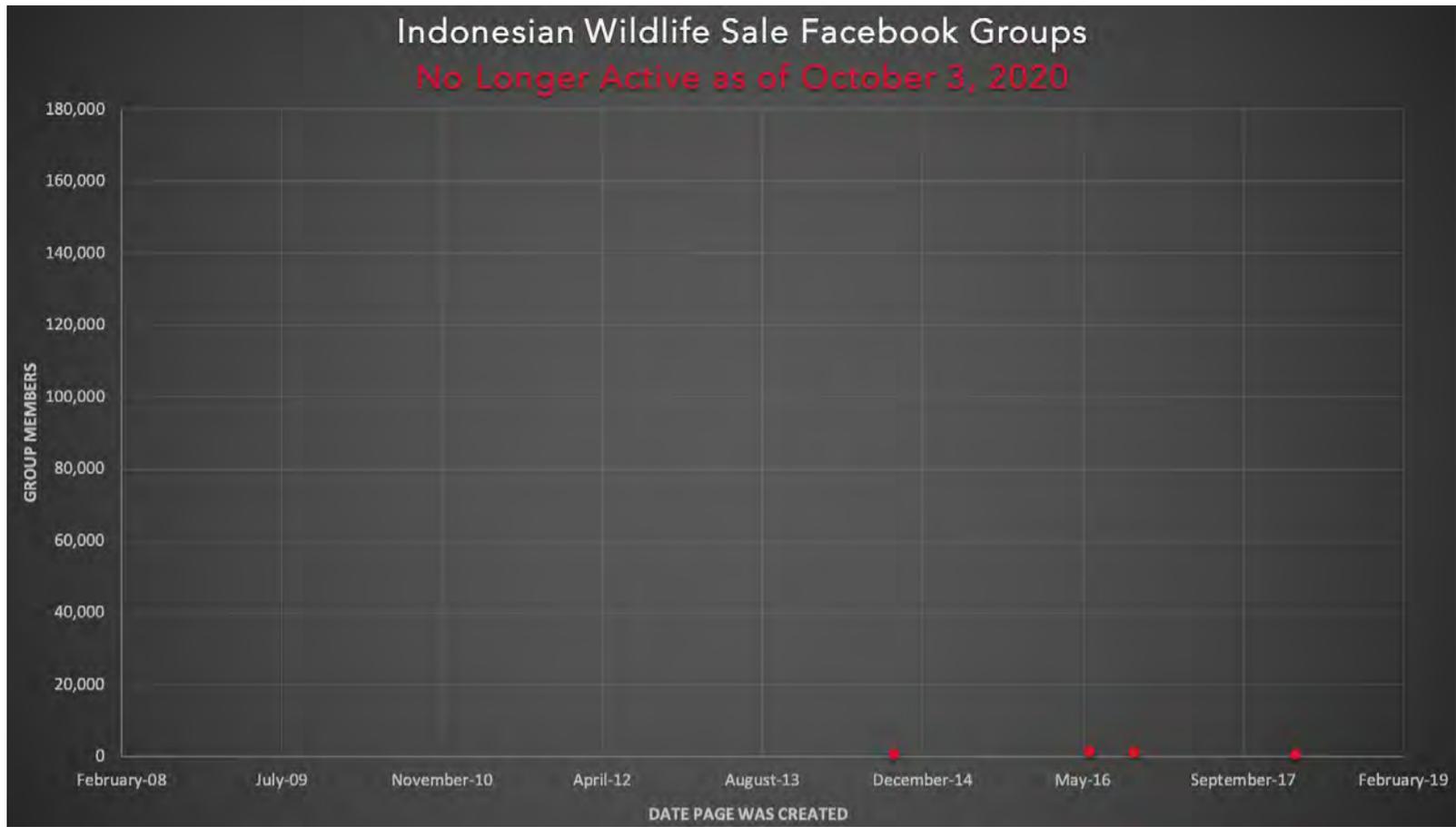
English Groups





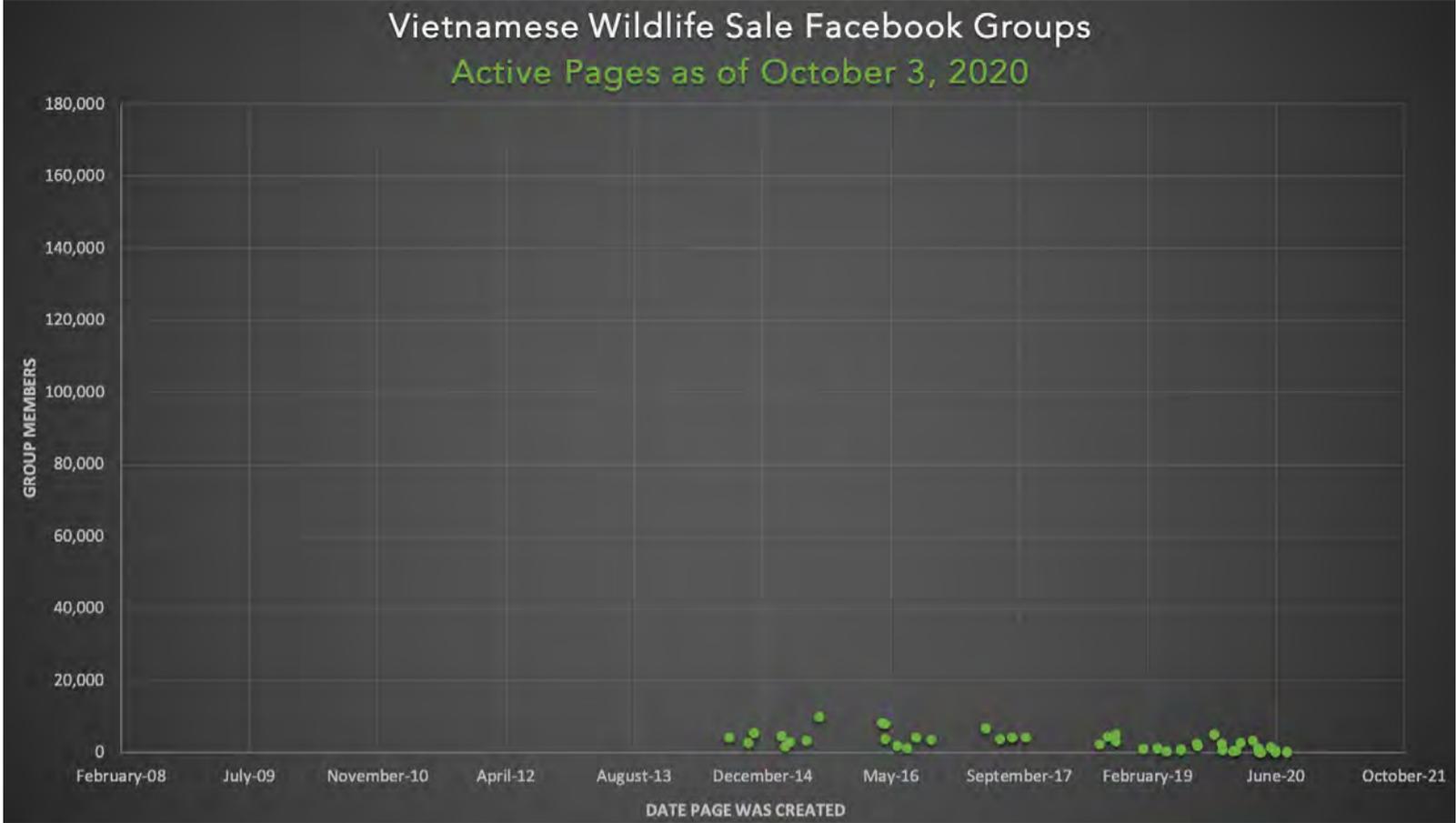
Indonesian Groups



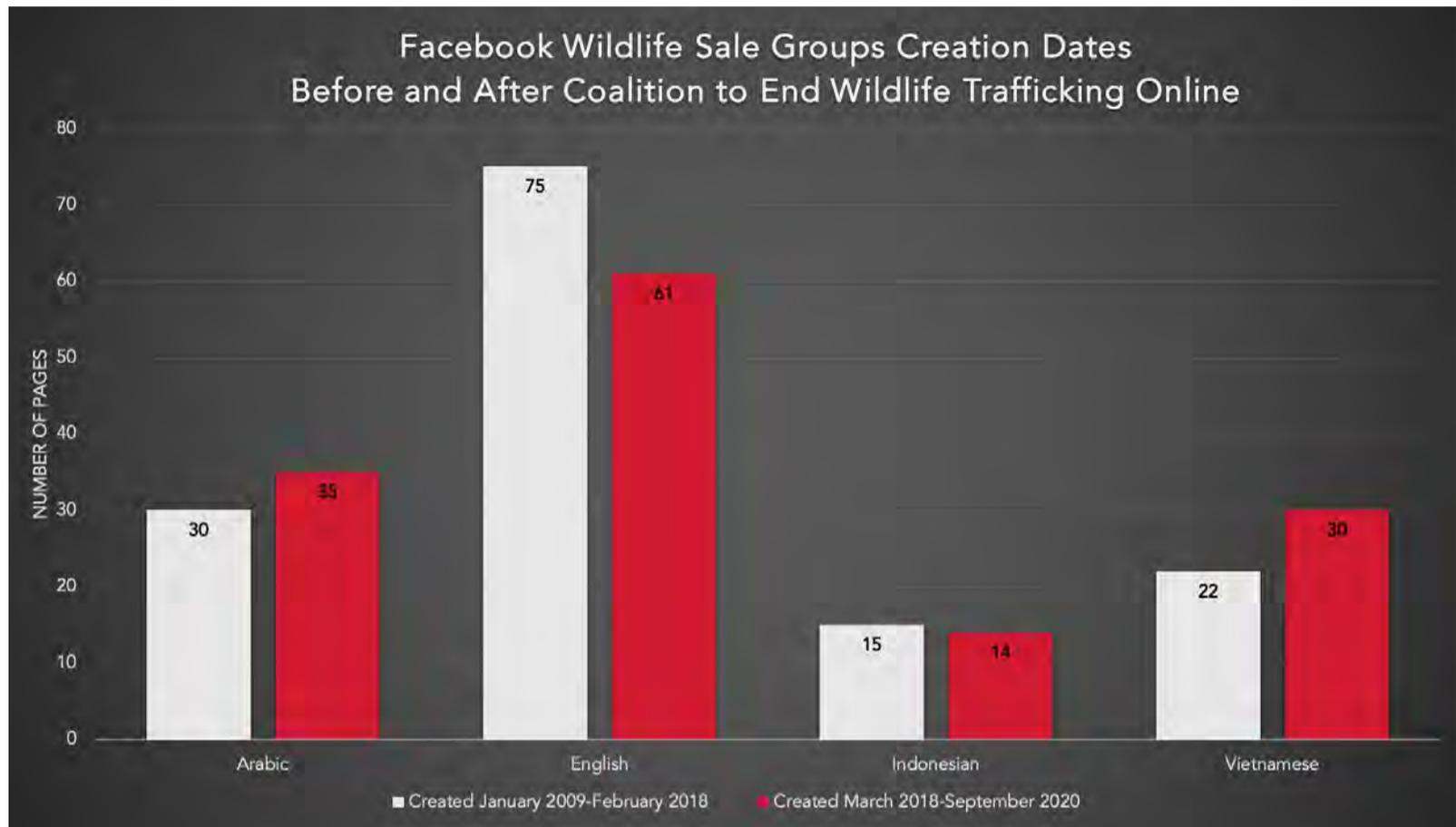


Vietnamese Groups





Groups Before and After Facebook Wildlife Coalition



APPENDIX B

FACEBOOK PAGES DOCUMENTED BY ACCO

Arabic Facebook Wildlife Pages Documented

Page #	Still active as of 3 Oct 2020 0=no, 1=yes	Found via search or related page	Page Type (ie personal blog, sale, etc)	Creation Date	Likes	As of Date	Location (if listed)	Message Auto-pop up as of 3 Oct 2020 0=No 1=Yes
ArbP1	1	search (filter by page)	Outdoor and sporting goods company	3-Aug-11	89	3-Oct-20		0
ArbP2	1	Search (filter by post)	Pet Service ; Pet shop	17 Aug 2013	2,166	3 Oct 2020	Jeddah, Saudi Arabia	0
ArbP3	1	Search (filter by post)		14 Dec 2015	514	3 Oct 2020		0
ArbP4	1	Search (filter by post)	Pet Service ; Pet Supplies	6 Mar 2019	1	3 Oct 2020		0
ArbP5	1	Search (filter by post)	Community	1 Feb 2016	1,025	3 Oct 2020		0
ArbP6	1	Search (filter by post)	Shopping center ; personal blog	22 Jan 2011	154,257	3 Oct 2020	Dhahran, Ash Sharqiyah, Saudi Arabia	0
ArbP7	1	search (filter by page)	Cargo and freight company	4 Apr 2019	3,738	3 Oct 2020		0
ArbP8	1	search (filter by page)	Arboretum	14 Aug 2017	10,040	3 Oct 2020		1
ArbP9	0	search (filter by page)	Interest	6 Dec 2015	9,223	8 Apr 2020		
ArbP10	1	search (filter by page)	Fictional Character	1 Apr 2015	4,523	3 Oct 2020	Egypt	0
ArbP11	1	search (filter by post)	Sports ; Pet shop ; Pet supplies	24 Jul 2016	2,075	3 Oct 2020		0
ArbP12	1	search (filter by post)	Pet service ; community	30 Dec 2017	9,305	3 Oct 2020	Babil, Iraq	1
ArbP13	0	search (filter by post)	Pet service ; Pet Supplies ; Aquatic pet shop	13 Dec 2016	40,624	8 Apr 2020		
ArbP14	1	search (filter by post)	Pet shop	7 May 2018	18,411	3 Oct 2020	Libya	1
ArbP15	1	search (filter by post)	Pet Service	2 Jun 2015	12,144	3 Oct 2020	6 October City, Egypt	0
ArbP16	1	search (filter by post)	Local Business	1 Jun 2017	5,345	3 Oct 2020		1
ArbP17	1	search (filter by post)	Interest	12 Aug 2011	58,520	3 Oct 2020	Baghdad, Iraq	0
ArbP18	1	search (filter by post)	Pet Service	20 Oct 2017	297	3 Oct 2020		0
ArbP19	1	search (filter by post)	Pet Shop	7 May 2018	18,411	3 Oct 2020		1

Page #	Still active as of 3 Oct 2020 0=no, 1=yes	Found via search or related page	Page Type (ie personal blog, sale, etc)	Creation Date	Likes	As of Date	Location (if listed)	Message Auto-pop up as of 3 Oct 2020 0=No 1=Yes
ArbP20	1	search (filter by page)	Shopping & retail · Pet service · Patio/ garden	23 May 2017	296	3 Oct 2020		0
ArbP21	1	related page ArbP20	Pet Service	23 Mar 2018	275	3 Oct 2020	شارع الخزان حدائق الاهرام Giza, Egypt 002	0
ArbP22	1	search (filter by page)	Community	3 Dec 2015	60,164	3 Oct 2020		0
ArbP23	1	search (filter by page)	Landmark & historic place	22 Jul 2018	91	3 Oct 2020	السيدة عائشه (km 9,362.32) Cairo, Egypt	0
ArbP24	1	search (filter by post)	Home & garden website	18 Mar 2012	3,320	3 Oct 2020		0
ArbP25	1	search (filter by page)	Public Figure	28 Sep 2016	1,080	3 Oct 2020		0
ArbP26	1	search (filter by page)	Art	28 Aug 2016	86	3 Oct 2020		0
ArbP27	1	related page ArbP26	Jewellery/ watches	13 Dec 2014	5,117	3 Oct 2020		1
ArbP28	1	search (filter by page)	Pet Service	18 Dec 2017	3,825	3 Oct 2020		0
ArbP29	1	search (filter by page)	Pet	5 Dec 2015	3,198	3 Oct 2020		0
ArbP30	1	search (filter by page)	Performance Art	4 Feb 2019	838	3 Oct 2020		0
ArbP31	1	related page ArbP30	higher education	4 Feb 2013	2,226	3 Oct 2020	Abu Rawash	1
ArbP32	1	related page ArbP30	Journalist	14 Jul 2018	1,647	3 Oct 2020		0
ArbP33	1	related page ArbP30	Public Figure	13 Aug 2013	3,840	3 Oct 2020		0
ArbP34	1	related page ArbP32	Community	18 Feb 2011	1,437	3 Oct 2020		0
ArbP35	1	related page ArbP12	Finance	18 Nov 2018	2,753	3 Oct 2020		0
ArbP36	1	search (filter by page)	Magazine	9 Jul 2015	5,021	3 Oct 2020		0
ArbP37	1	related page ArbP36	Local Business	15 Jun 2010	5,387	3 Oct 2020	Aqaba, Jordan	0
ArbP38	1	related page ArbP37	public Figure	27 Jan 2015	18,291	3 Oct 2020	Amman, Jordan	0
ArbP39	1	search (filter by page)	Veterinary surgeon	21 Oct 2012	9,848	3 Oct 2020	Jordan	0
ArbP40	1	related page ArbP38	Pet shop · Pet service	19 Oct 2014	16,018	3 Oct 2020	Amman, Jordan	1
ArbP41	1	search (filter by page)	Pet Breeder	21 Aug 2019	570	3 Oct 2020		0
ArbP42	1	search (filter by page)	camera/photo	12 Nov 2015	5,892	3 Oct 2020		0
ArbP43	1	search (filter by page)	Interest	22 Jun 2016	671	3 Oct 2020		0

Page #	Still active as of 3 Oct 2020 0=no, 1=yes	Found via search or related page	Page Type (ie personal blog, sale, etc)	Creation Date	Likes	As of Date	Location (if listed)	Message Auto-pop up as of 3 Oct 2020 0=No 1=Yes
ArbP44	1	search (filter by page)	Community	27 Feb 2012	1,049	3 Oct 2020		0
ArbP45	1	search (filter by page)	Pet Supplies	3 Jun 2013	2,485	3 Oct 2020	Benghazi, Libya	0
ArbP46	1	search (filter by page)	Pet Supplies	28 May 2014	2,753	3 Oct 2020		1
ArbP47	1	search (filter by page)	Music Chart	11 Feb 2018	1,633	3 Oct 2020		0
ArbP48	1	search (filter by page)	Pet Supplies	8 Jan 2014	34,770	3 Oct 2020		0
ArbP49	1	search (filter by page)	Community	5 Jul 2015	2,237	3 Oct 2020		0
ArbP50	1	search (filter by page)	Local Business	9 Dec 2018	1,051	3 Oct 2020	Lebanon	0
ArbP51	1	search (filter by page)	Pet Service	4 May 2017	5,905	3 Oct 2020		0
ArbP52	1	related page ArbP51	Pet	8 Sep 2011	25,348	3 Oct 2020		0
ArbP53	1	search (filter by page)	Pet	16 Oct 2016	1,840	3 Oct 2020		0
ArbP54	1	search (filter by page)	Local Business	20 Jan 2019	2,297	3 Oct 2020	Benghazi, Libya	1
ArbP55	1	search (filter by page)	Personal Blog	20 Apr 2020	16,513	3 Oct 2020	Libya	0
ArbP56	1	related page ArbP55	Personal Blog	1 May 2020	756	3 Oct 2020		0
ArbP57	1	related page ArbP55	Local Business	19 Apr 2019	7,725	3 Oct 2020	Tripoli, Libya	1
ArbP58	1	related page ArbP56	Local Business	7 Apr 2016	4,799	3 Oct 2020	Benghazi, Libya	0
ArbP59	1	search (filter by page)	Pet Supplies	7 Sep 2017	2,905	3 Oct 2020	Iraq	0
ArbP60	1	related page ArbP59	Pet Supplies	18 Dec 2016	4,835	3 Oct 2020		0
ArbP61	1	related page ArbP59	Pet breeder	7 Sep 2014	15,680	3 Oct 2020	Iraq	0
ArbP62	1	search (filter by page)	Product/service	4 Jan 2018	5,856	3 Oct 2020		0
ArbP63	1	search (filter by page)	Local Business	9 Jan 2014	4,558	3 Oct 2020		1
ArbP64	1	search (filter by page)	Community	12 Feb 2014	2,728	3 Oct 2020		0
ArbP65	1	search (filter by page)	Community	27 Dec 2014	3,521	3 Oct 2020	Libya	0
ArbP66	1	related page ArbP65	Pet	1 Mar 2016	3,031	3 Oct 2020		0
ArbP67	1	related page ArbP65	Pet Supplies	22 Nov 2017	574	3 Oct 2020		0
ArbP68	1	search (filter by page)	Library	10 Oct 2016	4,265	3 Oct 2020		0
ArbP69	1	search (filter by page)	Community	17 Apr 2016	484	3 Oct 2020		0

Page #	Still active as of 3 Oct 2020 0=no, 1=yes	Found via search or related page	Page Type (ie personal blog, sale, etc)	Creation Date	Likes	As of Date	Location (if listed)	Message Auto-pop up as of 3 Oct 2020 0=No 1=Yes
ArbP70	1	search (filter by page)	Community	19 Jul 2015	726	3 Oct 2020	Jordan	0
ArbP71	1	search (filter by page)	Community	10 Jul 2015	1,359	3 Oct 2020		0
ArbP72	1	search (filter by page)	Community	9 Oct 2015	347	3 Oct 2020	Qatar	0
ArbP73	1	related page ArbP72	Pet Shop	10 Sep 2018	528	3 Oct 2020	kingdom of bird (11,107.65 km)	0
ArbP74	1	related page ArbP72	Pet Supplies	20 Jan 2011	796	3 Oct 2020	Qatar	1
ArbP75	1	search (filter by page)	Pet Service	26 Sep 2018	3,428	3 Oct 2020	Goat Alshal 218 Tarabulus al Gharb, Libya	1
ArbP76	1	search (filter by page)	Pet Service	19 Jan 2019	6,436	3 Oct 2020	Jordan	1
ArbP77	1	search (filter by page)	Personal Blog	26 Jan 2018	3,020	3 Oct 2020		0
ArbP78	1	related page ArbP77	Pet Service	3 Apr 2016	2,646	3 Oct 2020	bouismail Tipasa, Algeria	0
ArbP79	1	related page ArbP77	Shopping & retail	13 Dec 2018	1,565	3 Oct 2020	Tipasa, Algeria	0
ArbP80	1	search (filter by page)	Local Business	6 Oct 2018	606	3 Oct 2020		0
ArbP81	1	related page ArbP80	Business Service	25 Nov 2016	2,271	3 Oct 2020		1
ArbP82	1	search (filter by page)	Pet Breeder	9 Apr 2019	2,019	3 Oct 2020	Mosul, Iraq	1
ArbP83	1	search (filter by page)	Shopping & retail	6 Jul 2019	602	3 Oct 2020	Algiers, Algeria	0
ArbP84	1	related page ArbP83	Sports	26 May 2018	688	3 Oct 2020		0
ArbP85	1	related page ArbP83	Shopping & retail	14 Jul 2019	879	3 Oct 2020		1
ArbP86	1	related page ArbP85	Health/beauty	5 Dec 2019	904	3 Oct 2020		0
ArbP87	1	search (filter by page)	Electronics	28 Apr 2017	8,705	3 Oct 2020		1
ArbP88	1	search (filter by page)	Local Service	8 May 2020	3,880	3 Oct 2020	Karbala, Iraq	1
ArbP89	1	related page ArbP88	Interest	15 Nov 2017	12,037	3 Oct 2020	Karbala, Iraq	0
ArbP90	1	related page ArbP88	Social Club ; Product/Service	24 Aug 2019	3,040	3 Oct 2020		0
ArbP91	1	related page ArbP89	Pet Service	1 Mar 2016	32,892	3 Oct 2020	Baghdad, Iraq	0
ArbP92	1	related page ArbP89	Pet Supplies	14 Dec 2016	19,552	3 Oct 2020		1
ArbP93	1	related page ArbP91	Pet	27 Dec 2015	43,753	3 Oct 2020		0

English Facebook Wildlife Pages Documented

Page #	Still active as of 3 Oct 2020 0=no, 1=yes	Found via search or related page	Page Type (ie personal blog, sale, etc)	Creation Date	Likes	As of Date	Location (if listed)	Message Auto-pop up as of 3 Oct 2020 0=No 1=Yes
EngP-1	0	search (filter by page)	Product/service - Pet Shop	23-Sep-19	556	31-Mar-20		
EngP-2	0	search (filter by page)	Non-profit organization	18-May-17	12	31-Mar-20		
EngP-3	0	search (filter by page)	Pet supplies	25-Nov-14	1,666	31-Mar-20		
EngP-4	0	search (filter by page)	Pet breeder	13-Mar-20	6	31-Mar-20	Austin, Texas, USA	
EngP-5	0	search (filter by page)	Pet breeder	24-Jan-20	17	31-Mar-20		
EngP-6	1	search (filter by page)	Pet supplies	22-Jan-16	97	3-Oct-20		0
EngP-7	1	search (filter by page)	Company	19 Jan 2011	26,287	3 Oct 2020		0
EngP-8	1	search (filter by page)	Pet Store	2 Nov 2018	111	3 Oct 2020		0
EngP-9	1	search (filter by page)	Pet Service	6 Jul 2011	8,244	3 Oct 2020	Winsboro, Texas	1
EngP-10	1	search (filter by page)	Zoo	4 Sep 2011	3,113	3 Oct 2020	Naples, Florida	1
EngP-11	1	search (filter by page)	Pet Breeder	22 Sep 2018	241	3 Oct 2020		1
EngP-12	0	search (filter by page)	Pet store ; pet service	13 Mar 2017	4,467	8 Apr 2020	Bangalore, India	0
EngP-13	1	search (filter by page)	Community	23 Dec 2012	76	3 Oct 2020		0
EngP-14	1	search (filter by page)	Pet service	25 Feb 2017	1,055	3 Oct 2020		0
EngP-15	1	search (filter by page)	Local Business	2 Nov 2016	921	3 Oct 2020	Karachi, Pakistan	1
EngP-16	1	search (filter by page)	Local Business	5 Jan 2015	1,486	3 Oct 2020	Tennessee	0
EngP-17	0	search (filter by page)	Community ; Exotic car rental ; cause	23 Mar 2020	12	8 Apr 2020		
EngP-18	0	search (filter by page)	Community Organization	5 April 2020	2	8 Apr 2020		
EngP-19	1	search (filter by page)	Public Figure	20 Mar 2014	3,282	3 Oct 2020	Lahore, Pakistan	0
EngP-20	0	search (filter by page)	Landmark & Historical Place	18 May 2017	8	8 Apr 2020		
EngP-21	0	search (filter by page)	Pet service	2 Sep 2016	152	8 Apr 2020	Carolina Beach, North Carolina	
EngP-22	0	search (filter by page)	Pet Supplies	10 Jun 2017	824	8 Apr 2020		

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EngP-23	1	search (filter by page)	Pet Supplies	31 Aug 2019	1,086	3 Oct 2020		0
EngP-24	0	search (filter by page)	Community	13 May 2015	85	8 Apr 2020		
EngP-25	0	search (filter by page)	Pet Supplies	4 Apr 2020	6	8 Apr 2020		
EngP-26	0	search (filter by page)	Pet Store ; Pet Supplies ; Community	6 Feb 2020	126	8 Apr 2020		
EngP-27	0	search (filter by page)	Pet Store ; Pet Breeder	27 Feb 2020	83	8 Apr 2020		
EngP-28	0	search (filter by page)	Community	10 Jan 2020	33	8 Apr 2020		
EngP-29	0	search (filter by page)	Pet Supplies	16 Sep 2019	26	8 Apr 2020		
EngP-30	0	search (filter by page)	Pet Supplies	3 Jan 2020	164	8 Apr 2020		
EngP-31	0	search (filter by page)	Pet Service	25 Oct 2019	96	8 Apr 2020	Columbus, Ohio	
EngP-32	0	search (filter by page)	Pet Supplies	19 Feb 2020	123	8 Apr 2020		
EngP-33	0	search (filter by page)	Pet	5 Jul 2017	70	8 Apr 2020		
EngP-34	0	search (filter by page)	Community	18 Apr 2017	78	8 Apr 2020		
EngP-35	0	search (filter by page)	Product/service	20 Mar 2020	4	8 Apr 2020		
EngP-36	1	search (filter by page)	Community	15 Sep 2014	184	3 Oct 2020		0
EngP-37	0	search (filter by page)	Pet Supplies	27 Oct 2019	12	8 Apr 2020		
EngP-38	0	search (filter by page)	Pet Service	3 Mar 2020	21	8 Apr 2020	California City, California	
EngP-39	0	search (filter by page)	Community	7 Apr 2020	0	8 Apr 2020		
EngP-40	0	search (filter by page)	Pet Service	23 Jan 2020	6	8 Apr 2020		
EngP-41	0	search (filter by page)	Pet Service	20 Jan 2020	0	8 Apr 2020		
EngP-42	0	search (filter by page)	Product/Service	4 Apr 2020	0	8 Apr 2020		
EngP-43	0	search (filter by page)	Pet Breeder	24 Jan 2020	15	8 Apr 2020		
EngP-44	0	search (filter by page)	Pet Supplies	30 Mar 2020	17	8 Apr 2020		
EngP-45	0	search (filter by page)	Business Service	14 Feb 2020	61	8 Apr 2020	West Newton, Pennsylvania	
EngP-46	1	search (filter by page)	Pet Supplies ; Pet Breeder ; Animal Shelter	31 May 2019	145	3 Oct 2020	London, UK	1
EngP-47	0	search (filter by page)	Product/Service	10 Oct 2019	6	8 Apr 2020		

Page #	Still active as of 3 Oct 2020 0=no, 1=yes	Found via search or related page	Page Type (ie personal blog, sale, etc)	Creation Date	Likes	As of Date	Location (if listed)	Message Auto-pop up as of 3 Oct 2020 0=No 1=Yes
EngP-48	1	search (filter by page)	Pet Service	31 Jan 2020	64	3 Oct 2020		0
EngP-49	1	search (filter by page)	Pet Service	26 Jul 2019	2	3 Oct 2020		1
EngP-50	0	search (filter by page)	Product/Service	4 Apr 2020	0	9 Apr 2020		
EngP-51	0	search (filter by page)	Pet Store	28 Feb 2020	416	9 Apr 2020		
EngP-52	0	search (filter by page)	Pet Supplies	23 Mar 2020	2	9 Apr 2020		
EngP-53	1	search (filter by page)	Pet Supplies	23 Jan 2020	0	3 Oct 2020		1
EngP-54	1	search (filter by page)	Pet Supplies	24 Oct 2019	1	3 Oct 2020		1
EngP-55	1	search (filter by page)	Pet Supplies	11 Nov 2019	2	3 Oct 2020		0
EngP-56	1	search (filter by page)	Pet supplies ; Pet Breeder	16 Oct 2019	145	3 Oct 2020	Galway, Ireland	1
EngP-57	0	search (filter by page)	Community ; Pet Store ; Pet Supplies	7 Jan 2020	60	9 Apr 2020		
EngP-58	0	search (filter by page)	Product/Service	20 Mar 2020	30	9 Apr 2020		
EngP-59	0	search (filter by page)	Pet breeder ; Pet supplies ; community	2 Mar 2020	18	9 Apr 2020		
EngP-60	1	search (filter by page)	Community	12 Aug 2019	167	3 Oct 2020		0
EngP-61	1	search (filter by page)	Pet Store ; Pet Service ; Pet Supplies	6 Sep 2019	1	3 Oct 2020		0
EngP-62	1	search (filter by page)	Local Business	8 Mar 2015	28	3 Oct 2020	Wilmington, Delaware	0
EngP-63	0	search (filter by page)	Community	8 Apr 2020	1	11 Apr 2020		
EngP-64	0	search (filter by page)	Animal Rescue Service	4 Mar 2020	0	11 Apr 2020		
EngP-65	1	search (filter by page)	Personal blog	24 Apr 2018	2,842	3 Oct 2020		0
EngP-66	0	search (filter by page)	Petting zoo	17 Mar 2020	0	11 Apr 2020	Hung Hom, China	
EngP-67	1	search (filter by page)	Product/Service	4 Dec 2016	141	3 Oct 2020		0
EngP-68	1	search (filter by page)	Pet supplies ; pet breeder ; product/service	22 Dec 2018	355	3 Oct 2020		1
EngP-69	1	search (filter by page)	Pet store ; pet breeder	24 Jan 2017	2,479	3 Oct 2020		1
EngP-70	1	search (filter by page)	Pet supplies	20 Oct 2019	31	3 Oct 2020		0
EngP-71	1	search (filter by page)	Interest	21 Dec 2014	6,983	3 Oct 2020		0
EngP-72	1	search (filter by page)	Business Service	15 Dec 2019	60	3 Oct 2020		0

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EngP-73	1	search (filter by page)	Local Business	21 Feb 2015	65	3 Oct 2020		0
EngP-74	1	search (filter by page)	Community	10 Jul 2015	29	3 Oct 2020		0
EngP-75	1	related pages (from EngP-9)	Pet breeder ; petting zoo ; farm	22 Jun 2010	29,989	3 Oct 2020	Kingsbury, Texas	0
EngP-76	1	search (filter by page)	Community	25 Jun 2014	42,529	3 October 2020		0
EngP-77	0	search (filter by page)	Pet Supplies	8 Sep 2015	284	6 May 2020		
EngP-78	0	search (filter by page)	Pet Store ; Pet Service	13 Mar 2017	4,651	6 May 2020	Bangalore, India	
EngP-79	0	search (filter by page)	Art	2 Oct 2018	197	6 May 2020		
EngP-80	1	search (filter by page)	Shopping & Retail	27 Sep 2017	121	3 October 2020	Dallas, Texas	0
EngP-81	1	related pages (from EngP-80)	Pet Service	22 Jul 2017	1,158	3 October 2020		1
EngP-82	1	related pages (from EngP-80)	Pet Store ; Pet Service	27 Jan 2017	676	3 October 2020	Grand Prairie, Texas	0
EngP-83	1	related pages (from EngP-82)	Pet Service ; Residence	22 Oct 2016	988	3 October 2020	Arlington, Texas	0
EngP-84	0	search (filter by page)	Pet Supplies ; Pet Store ; Pet Breeder	13 Mar 2020	194	6 May 2020	Australia ; USA ; Canada	
EngP-85	0	search (filter by page)	Community	28 Jun 2013	583	6 May 2020	USA	
EngP-86	0	related pages (from EngP-85)	Pet Adoption Service	26 Feb 2020	582	6 May 2020	East Los Angeles, California	
EngP-87	0	related pages (from EngP-85)	Pet Supplies ; Pet Store ; Pet Breeder	20 Jan 2020	186	6 May 2020		
EngP-88	0	related pages (from EngP-87)	Pet Supplies	16 Feb 2020	204	6 May 2020		
EngP-89	0	related pages (from EngP-85)	Pet Supplies	18 Dec 2019	195	6 May 2020		
EngP-90	0	search (filter by page)	Pet Service ; Product/Service	30 Mar 2020	296	6 May 2020		
EngP-91	0	related pages (from EngP-91)	Pet Supplies ; Pet Service	19 Feb 2020	639	6 May 2020		
EngP-92	0	related pages (from EngP-91)	Pet Supplies	1 Apr 2020	131	6 May 2020		
EngP-93	0	related pages (from EngP-91)	Pet Supplies	10 Mar 2020	317	6 May 2020		
EngP-94	1	search (filter by page)	Community	10 Mar 2019	840	3 October 2020		0
EngP-95	0	search (filter by page)	Community	18 Jan 2012	161	6 May 2020	Hanover, Indiana	
EngP-96	1	search (filter by page)	Veterinarian	15 Apr 2019	1,384	3 October 2020		0
EngP-97	1	related pages (from EngP-96)	Veterinarian	19 Apr 2012	15,756	6 May 2020	Caloocan, Philippines	1

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EngP-98	0	search (filter by page)	Pet Service	10 Mar 2020	387	6 May 2020		
EngP-99	0	search (filter by page)	Pet Service ; Residence	31 Aug 2019	251	6 May 2020		
EngP-100	0	search (filter by page)	Pet Service ; Pet Supplies ; Community	31 Mar 2020	52	6 May 2020		
EngP-101	0	related pages (from EngP-101)	Pet Supplies	22 Apr 2020	73	6 May 2020		
EngP-102	0	related pages (from EngP-101)	Pet Supplies	13 Mar 2020	54	6 May 2020		
EngP-103	1	search (filter by page)	Pet Service ; zoo ; garden center	30 Apr 2015	630	3 October 2020	College Station, Texas	0
EngP-104	0	search (filter by page)	Pet Supplies	15 Nov 2017	252	6 May 2020		
EngP-105	1	search (filter by page)	Art	16 Aug 2019	122	3 October 2020		0
EngP-106	0	search (filter by page)	Pet Supplies	2 Oct 2019	75	6 May 2020		
EngP-107	1	search (filter by page)	Pet Supplies	14 Dec 2019	120	3 October 2020		0
EngP-108	0	search (filter by page)	Pet Service	4 May 2016	1,497	6 May 2020		
EngP-109	0	search (filter by page)	Just For Fun	19 Feb 2017	84	6 May 2020		
EngP-110	1	search (filter by page)	Pet Supplies	21 Mar 2019	2	3 October 2020		0
EngP-111	1	search (filter by page)	Community	25 Jun 2017	111	3 October 2020		0
EngP-112	1	search (filter by page)	Pet Breeder	5 Nov 2019	490	3 October 2020		0
EngP-113	1	search (filter by page)	Pet Service	4 Aug 2011	659	3 October 2020	Lahore, Pakistan	0
EngP-114	0	search (filter by page)	Community	23 Jan 2020	501	6 May 2020		
EngP-115	0	search (filter by page)	Community ; Pet Store	27 May 2015	502	6 May 2020	Kansas City, Missouri	
EngP-116	1	search (filter by page)	Local Business	25 Mar 2017	6,376	3 October 2020	Philippines	0
EngP-117	0	search (filter by page)	Local Business	14 May 2019	5,616	6 May 2020	Pasay City, Philippines	
EngP-118	0	search (filter by page)	Pet Service	1 Nov 2018	3,300	6 May 2020		
EngP-119	1	search (filter by page)	Website	4 Feb 2017	1,977	3 October 2020	Pakistan	0
EngP-120	1	search (filter by page)	Community	1 Jul 2016	4,978	3 October 2020	London, England	0
EngP-121	0	search (filter by page)	Just For Fun	10 Jun 2018	265	6 May 2020	Hervey Bay, Australia	
EngP-122	1	search (filter by page)	Business Service	16 Dec 2014	49	3 October 2020	Karachi, Pakistan	0

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EngP-123	1	search (filter by page)	Product/Service	13 Mar 2018	2,973	3 October 2020		0
EngP-124	0	search (filter by page)	Local Business	20 Dec 2016	1,064	6 May 2020	Australia	
EngP-125	1	search (filter by page)	Sports Team	22 Jul 2013	2,162	3 October 2020	Pakistan	0
EngP-126	0	related pages (from EngP-125)	Pet Store ; Pet Service	13 Nov 2013	5,566	6 May 2020	Karachi Manora, Sindh, Pakistan	
EngP-127	1	search (filter by page)	Product/ Service ; Pet Service ; Personal Blog	30 Mar 2020	654	3 October 2020		1
EngP-128	0	search (filter by page)	Community	28 Feb 2016	1,092	6 May 2020		
EngP-129	0	search (filter by page)	Personal blog	17 Apr 2018	164	6 May 2020		
EngP-130	0	search (filter by page)	Community	14 Jan 2019	1,570	6 May 2020	Karachi, Pakistan	
EngP-131	0	search (filter by page)	Community	24 Oct 2012	1,938	6 May 2020		
EngP-132	0	search (filter by page)	Just For Fun	11 Apr 2018	351	6 May 2020		
EngP-133	0	search (filter by page)	Pet Supplies	13 Dec 2017	1,185	6 May 2020	Malta	
EngP-134	0	search (filter by page)	Community	10 Nov 2011	887	6 May 2020	UK	
EngP-135	0	search (filter by page)	Pet Supplies	8 Aug 2016	3,245	6 May 2020	Faisalabad, Pakistan	
EngP-136	1	search (filter by page)	Community	6 Jan 2014	195	3 October 2020		0
EngP-137	0	search (filter by page)	Interest	27 Oct 2014	327	6 May 2020		
EngP-138	0	search (filter by page)	Pet Supplies	5 Feb 2017	1,276	6 May 2020	Rawalpindi, India	
EngP-139	1	search (filter by page)	Pet Service	26 Feb 2018	465	3 October 2020	Manchester, Uk	1
EngP-140	1	related pages (from EngP-139)	Pet Breeder	13 Jul 2017	1,184	3 October 2020	Manchester, Uk	0
EngP-141	1	related pages (from EngP-139)	Pet Breeder	5 Jun 2018	770	3 October 2020		0
EngP-142	0	related pages (from EngP-139)	Pet Supplies	12 Sep 2018	216	6 May 2020		
EngP-143	0	related pages (from EngP-141)	Pet Service	23 May 2016	603	6 May 2020	Yorkshire, UK	
EngP-144	1	related pages (from EngP-142)	Pet Service	21 Apr 2019	1,336	3 October 2020	Kolkata, India	1
EngP-145	1	search (filter by page)	Pet Adoption Service	12 Nov 2018	89	3 October 2020	Tulsa, Oklahoma	1

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EngP-146	0	search (filter by page)	Just For Fun	31 Dec 2016	783	10 May 2020	Talagang, Pakistan	
EngP-147	0	search (filter by page)	product/service	3 Mar 2020	1,003	10 May 2020	Islamabad, Pakistan	
EngP-148	0	search (filter by page)	Pet Store ; Shopping and Retail ; Personal Blog	18 Oct 2019	49	10 May 2020	Hervey Bay, Queensland, Australia	
EngP-149	1	related pages (from EngP-148)	Pet Breeder	2 Sep 2015	2,203	3 October 2020	Brisbane, Queensland, Australia	1
EngP-150	1	related pages (from EngP-148)	Pet Service	22 Sep 2012	2,099	3 October 2020	Far North Queensland Australia	0
EngP-151	1	search (filter by page)	Community ; Public Figure	10 Apr 2016	813	3 October 2020	Islamabad, Pakistan	0
EngP-152	0	search (filter by page)	Pet Service	13 Mar 2020	232	10 May 2020		
EngP-153	0	search (filter by page)	Pet Supplies	16 Jan 2020	327	10 May 2020		
EngP-154	0	search (filter by page)	Pet Breeder	14 Dec 2018	571	10 May 2020		
EngP-155	1	search (filter by page)	Animal shelter ; pet breeder ; pet store	17 Jan 2020	574	3 October 2020	Owings Mills, Maryland	0
EngP-156	0	search (filter by page)	Pet Supplies	23 Jan 2020	65	10 May 2020		
EngP-157	0	search (filter by page)	Pet Supplies ; Pet Store ; Pet Breeder	8 Feb 2020	699	10 May 2020		
EngP-158	0	search (filter by page)	Pet Breeder ; Pet Store	12 Jun 2016	105	10 May 2020		
EngP-159	1	search (filter by page)	Pet Supplies	20 Oct 2017	72	3 October 2020	Los Angeles, California	0
EngP-160	1	search (filter by page)	Pet Supplies	1 Apr 2015	29	3 October 2020	Newark, Delaware	0
EngP-161	1	search (filter by page)	Pet Service	4 Aug 2019	397	3 October 2020	Los Angeles, California	1
EngP-162	0	search (filter by page)	Pet Supplies	9 Nov 2019	186	10 May 2020		
EngP-163	1	search (filter by page)	Pet Supplies	5 Oct 2016	678	3 October 2020		0
EngP-164	0	search (filter by page)	Pet Store	7 Dec 2018	846	10 May 2020	Brockton, Massachusetts	
EngP-165	1	related pages (from EngP-164)	Pet Breeder	9 Sep 2018	543	3 October 2020		1
EngP-166	0	related pages (from EngP-164)	Pet Breeder	7 Oct 2017	1,469	10 May 2020		
EngP-167	0	search (filter by page)	Pet Service	11 Jan 2020	149	10 May 2020	Saint Charles, Michigan	
EngP-168	0	search (filter by page)	Community	20 Aug 2019	295	10 May 2020		

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EngP-169	0	search (filter by page)	Shopping & Retail	11 Jul 2019	71	10 May 2020		
EngP-170	0	search (filter by page)	Community	1 Apr 2016	569	10 May 2020		
EngP-171	0	search (filter by page)	Pet Service	10 Mar 2019	144	10 May 2020	Kansas City, Missouri	
EngP-172	0	search (filter by page)	Pet Service	5 Sep 2019	0	10 May 2020		
EngP-173	0	related pages (from EngP-173)	Pet Supplies	12 Sep 2018	216	10 May 2020		
EngP-174	1	related pages (from EngP-173)	Pet Service	24 Jan 2020	29	3 October 2020		0
EngP-175	0	related pages (from EngP-173)	Pet Supplies	27 Dec 2019	285	10 May 2020		
EngP-176	0	search (filter by page)	Pet Breeder ; Pet Groomer ; Farm	29 Jan 2016	1,844	10 May 2020	Indiana, Pennsylvania	
EngP-177	0	search (filter by page)	Pet Supplies	23 Feb 2019	83	10 May 2020		
EngP-178	0	search (filter by page)	Pet Store ; Community ; Pet Supplies	26 Jul 2019	7	10 May 2020	Orlando, Florida	
EngP-179	1	related pages (from EngP-178)	Pet Adoption Service	11 Oct 2019	679	3 October 2020		1
EngP-180	0	search (filter by page)	Pet Service	13 Feb 2020	51	10 May 2020		
EngP-181	0	search (filter by page)	pet Supplies ; Community	7 Aug 2019	43	10 May 2020		
EngP-182	1	search (filter by page)	Farm	23 Jun 2014	220	3 October 2020		0
EngP-183	0	search (filter by page)	Pet Service ; Product/Service	16 Mar 2020	42	10 May 2020		
EngP-184	0	search (filter by page)	Product/Service	22 Mar 2020	55	10 May 2020		
EngP-185	0	search (filter by page)	Community ; Pet Breeder ; Pet Store	31 Jan 2020	88	10 May 2020		
EngP-186	0	search (filter by page)	Community	21 Apr 2020	7	10 May 2020		
EngP-187	0	search (filter by page)	Pet Supplies	27 Feb 2020	209	10 May 2020		
EngP-188	0	search (filter by page)	Pet Sitter ; Pet Store ; Pet Supplies	19 Feb 2020	79	10 May 2020		
EngP-189	0	search (filter by page)	Pet Supplies	4 Feb 2020	277	10 May 2020		
EngP-190	0	search (filter by page)	Community	23 Dec 2016	239	10 May 2020		
EngP-191	1	search (filter by page)	Pet Supplies	23 Mar 2014	387	3 October 2020		0

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EngP-192	1	search (filter by page)	Pet Service	15 Apr 2016	596	3 October 2020	Dubai, UAE	0
EngP-193	0	related pages (from EngP-192)	Community	9 Dec 2012	8,978	10 May 2020		
EngP-194	0	search (filter by page)	Pet Service	20 Nov 2019	36	10 May 2020		
EngP-195	0	search (filter by page)	Pet Breeder	31 Jan 2020	97	10 May 2020	Savannah, Georgia	
EngP-196	0	related pages (from EngP-195)	Pet Service	23 May 2019	723	10 May 2020		
EngP-197	1	search (filter by page)	Pet Service	14 Mar 2020	51	3 October 2020	Los Angeles, California	0
EngP-198	0	search (filter by page)	Pet Service	10 Jan 2017	190	10 May 2020	Qatar	
EngP-199	1	search (filter by page)	Community	18 Jul 2017	111	3 October 2020		0
EngP-200	0	search (filter by page)	Pet Supplies ; Pet Store ; Pet Breeder	8 Feb 2020	2	10 May 2020		
EngP-201	0	search (filter by page)	Pet Supplies	19 Mar 2020	39	10 May 2020	Manchester, New Hampshire	
EngP-202	1	search (filter by page)	Pet Store	31 Mar 2020	137	3 October 2020		0
EngP-203	1	related pages (from EngP-202)	Pet Store	2 Apr 2020	25	3 October 2020		1
EngP-204	0	search (filter by page)	Pet Service	14 Apr 2020	0	10 May 2020		0
EngP-205	1	search (filter by page)	Pet Supplies	23 Feb 2019	151	3 October 2020		1
EngP-206	1	search (filter by page)	Pet Service	20 Jun 2017	29	3 October 2020		0
EngP-207	1	search (filter by page)	Pet Breeder	18 Apr 2020	64	3 October 2020	US and UK	1
EngP-208	1	search (filter by page)	Community	9 Apr 2020	0	3 October 2020		0
EngP-209	0	search (filter by page)	Pet Supplies	15 Mar 2018	64	10 May 2020		0
EngP-210	0	search (filter by page)	Pet Service	5 Jan 2020	7	10 May 2020	Denver, Colorado	0
EngP-211	0	search (filter by page)	Pet Service	23 Apr 2019	1,873	10 May 2020		0
EngP-212	0	search (filter by page)	Local Business	22 Sep 2013	729	10 May 2020	Karachi, Pakistan	0
EngP-213	0	search (filter by page)	Community	29 Nov 2016	2,255	10 May 2020		0
EngP-214	1	search (filter by page)	Pet Supplies	28 Nov 2019	363	3 October 2020		0
EngP-215	0	search (filter by page)	Pet Supplies	25 Oct 2017	701	10 May 2020	Halifax, West Yorkshire, UK	0

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EngP-216	0	search (filter by page)	Just For Fun	8 Jun 2015	1,818	10 May 2020	Rawalpindi, India	0
EngP-217	1	search (filter by page)	Community	15 Apr 2014	1,901	3 October 2020	Lahore, Pakistan	0
EngP-218	1	search (filter by page)	Interest	28 Dec 2019	967	3 October 2020		0
EngP-219	1	redirect from group	Pet Breeder	7 Dec 2017	1,149	3 Oct 2020	Sheraton Heliopoli Cairo, Cairo Governorate, Egypt	1
EngP-220	1	redirect from group	Product/Service	23 Jun 2020	76	3 Oct 2020		1
EngP-221	1	redirect from group	Pet Service	1 May 2020	565	3 Oct 2020		0
EngP-222	1	redirect from group	Personal blog	26 Nov 2018	429	3 Oct 2020		0
EngP-223	1	redirect from group	Local Service	30 Dec 2019	540	3 Oct 2020	Pakistan	1

Indonesian Facebook Wildlife Pages Documented

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IndP-1	1	search (filter by page)	Pet Supplies	22-Mar-19	1,410	3-Oct-20	No. 64, Jalan Bidara 9, Saujana Utama 3, 47000 Sungai Buloh, Malaysia	0
IndP-2	1	search (filter by page)	Pet Service	31 May 2018	245	3 Oct 2020		0
IndP-3	1	related page IndP-2	Pet Supplies	1 Sep 2014	912	3 Oct 2020		0
IndP-4	1	related page IndP-2	Pet Breeder	11 Mar 2019	3,420	3 Oct 2020		0
IndP-5	1	related page IndP-4	Sports Team	13 Oct 2017	3,128	3 Oct 2020		0
IndP-6	1	related page IndP-4	Pet Supplies; Pet Sitter; Pet Shop	22 Apr 2018	2,627	3 Oct 2020		1
IndP-7	1	search (filter by page)	Pet breeder; Pet shop	30 Aug 2014	3,116	3 Oct 2020	Jakarta, Indonesia	0

Page #	Still active as of 3 Oct 2020 0=no, 1=yes	Found via search or related page	Page Type (ie personal blog, sale, etc)	Creation Date	Likes	As of Date	Location (if listed)	Message Auto-pop up as of 3 Oct 2020 0=No 1=Yes
IndP-8	1	search (filter by page)	Pet shop; dog breeder	7 Aug 2018	5,433	3 Oct 2020	Alamat: Salamrejo Rt/rw 042/009 Kel/ desa: Kedungsalam Kecamatan: Donomulyo Kabupaten: Malang Provinsi: Jawa timur Kota Malang 65111	0
IndP-9	1	search (filter by page)	Pet Service; Reptile Pet shop	18 Mar 2013	3,298	3 Oct 2020		0
IndP-10	1	related page IndP-9	Pet breeder; Pet shop; Pet Supplies	2 Aug 2012	16,944	3 Oct 2020		0
IndP-11	1	related page IndP-10	Community Organization	20 Nov 2011	10,618	3 Oct 2020		0
IndP-12	1	related page IndP-10	Pet shop; pet breeder	19 Jul 2014	5,298	3 Oct 2020	156,157 Jalan Toman 7, Kemayan Square, 70200 Seremban, Malaysia	0
IndP-13	1	search (filter by page)	Pet breeder; Pet shop; Pet Supplies	19 Jan 2020	578	3 Oct 2020		1
IndP-14	1	search (filter by page)	Product/service; pet service	18 February 2018	1,230	3 Oct 2020		0
IndP-15	1	related page IndP-14	Pet service	23 Sep 2017	2,923	3 Oct 2020		0
IndP-16	1	search (filter by page)	Pet Service	23 May 2020	109	3 Oct 2020		1
IndP-17	1	related page IndP-16	Pet breeder	19 Feb 2019	326	3 Oct 2020		1
IndP-18	1	related page IndP-16	Media	23 May 2020	8	3 Oct 2020		0
IndP-19	1	related page IndP-18	Tour Agent	15 October 2019	1,387	3 Oct 2020		0
IndP-20	1	search (filter by page)	Pet service	23 May 2019	2,178	3 Oct 2020		0
IndP-21	1	related page IndP-18	Advertising/ marketing	27 Nov 2019	1,100	3 Oct 2020		0
IndP-22	1	related page IndP-21	Pet Service	29 Dec 2015	773	3 Oct 2020	Jakarta barat, kedoya Jakarta, Indonesia 11520	0
IndP-23	1	related page IndP-22	Veterinary surgeon	15 Aug 2015	3,410	3 Oct 2020	Borneo	1
IndP-24	1	search (filter by page)	event	25 Jan 2017	1,774	3 Oct 2020		0
IndP-25	1	search (filter by page)	Shopping & retail	7 Mar 2020	3,407	3 Oct 2020		0
IndP-26	1	related page IndP-25	Pet Service	23 Nov 2019	100	3 Oct 2020		0

Page #	Still active as of 3 Oct 2020 0=no, 1=yes	Found via search or related page	Page Type (ie personal blog, sale, etc)	Creation Date	Likes	As of Date	Location (if listed)	Message Auto-pop up as of 3 Oct 2020 0=No 1=Yes
IndP-27	1	search (filter by page)	Community	30 Dec 2013	2,399	3 Oct 2020		0
IndP-28	1	search (filter by page)	Local Business	13 Jun 2012	2,014	3 Oct 2020		0
IndP-29	1	search (filter by page)	Pet service	15 Nov 2015	3,601	3 Oct 2020	jl.a.yani KM 14 kompel sajetra mandiri arsi Banjarmasin, Indonesia 70652	0
IndP-30	1	related page IndP-29	Community	26 Apr 2011	232	3 Oct 2020		0
IndP-31	1	search (filter by page)	Reptile pet shop; pet supplies	28 Jul 2017	8,790	3 Oct 2020	Kuala Lumpur, Malaysia	0
IndP-32	1	related page IndP-31	product/service; business service	27 Sep 2009	8,880	3 Oct 2020	Malaysia	1
IndP-33	1	related page IndP-31	Pet supplies	30 Mar 2019	2,681	3 Oct 2020	Malaysia	0
IndP-34	1	related page IndP-31	Reptile pet shop	5 Jan 2019	4,847	3 Oct 2020	1-31, Residensi Perdana, Jalan Metro Perdana Barat 52100 Kepong, Malaysia	0
IndP-35	1	search (filter by page)	Pet breeder	24 Mar 2012	9,959	3 Oct 2020		0
IndP-36	1	search (filter by page)	Local Business	7 May 2020	114	3 Oct 2020		0
IndP-37	1	related page IndP-36	Interest	13 Jun 2018	5,770	3 Oct 2020		0
IndP-38	1	search (filter by page)	Local Business	28 Apr 2019	1,899	3 Oct 2020		1
IndP-39	1	related page IndP-38	Pet service	1 Mar 2018	3,138	3 Oct 2020		0
IndP-40	1	related page IndP-38	Pet shop	14 Oct 2019	3,040	3 Oct 2020	jl.h. mohammad idrus 1 rt.04/02 jatikramat Bekasi, Indonesia 17421	0
IndP-41	0	search (filter by page)	Pet shop	11 Sep 2018	276	20 Aug 2020		
IndP-42	1	related page IndP-41	Product/service	21 Oct 2017	4,673	3 Oct 2020		0
IndP-43	1	related page IndP-42	Personal blog	9 Jul 2017	2,738	3 Oct 2020		0
IndP-44	1	search (filter by page)	Personal website	4 Jul 2015	1,381	3 Oct 2020		0
IndP-45	1	search (filter by page)	Pet service; business service	24 Aug 2018	1,698	3 Oct 2020		0
IndP-46	1	search (filter by page)	community	20 Jul 2013	1,057	3 Oct 2020		0

Page #	Still active as of 3 Oct 2020 0=no, 1=yes	Found via search or related page	Page Type (ie personal blog, sale, etc)	Creation Date	Likes	As of Date	Location (if listed)	Message Auto-pop up as of 3 Oct 2020 0=No 1=Yes
IndP-47	1	related page IndP-46	Pet service	21 Feb 2016	1,373	3 Oct 2020	Pt2196 20300 Kuala Terengganu, Malaysia	0
IndP-48	1	related page IndP-46	Reptile pet shop; pet breeder	14 Oct 2014	2,144	3 Oct 2020	Malaysia	1
IndP-49	1	related page IndP-46	Pet shop	29 Mar 2015	2,881	3 Oct 2020	41200 Klang, Malaysia	0

Vietnamese Facebook Wildlife Pages Documented

Page #	Still active as of 3 Oct 2020 0=no, 1=yes	Found via search or related page	Page Type (ie personal blog, sale, etc)	Creation Date	Likes	As of Date	Location (if listed)	Message Auto-pop up as of 3 Oct 2020 0=No 1=Yes
VietP-1	1	search (filter by page)	Pet Supplies	29-May-15	464	3-Oct-20		0
VietP-2	1	related page VietP-1	Pet Supplies	10 Apr 2018	1,685	3-Oct-20		0
VietP-3	0	related page VietP-2	Restaurant	19 Jul 2018	1,687			
VietP-4	1	related page VietP-1	Pet supplies; flea market	11 Apr 2019	1,467	3-Oct-20		0
VietP-5	1	search (filter by page)	Vitamins/ supplements	9 Nov 2017	1,169	3-Oct-20		0
VietP-6	1	related page VietP-5	Kitchen/Cooking	9 Aug 2017	1,282	3-Oct-20		1
VietP-7	1	search (filter by page)	Community	8 Sep 2014	4,474	3-Oct-20		0
VietP-8	1	related page VietP-7	Agricultural cooperative	18 Apr 2014	2,866	3-Oct-20		1
VietP-9	1	search (filter by page)	shopping & retail; personal blog	26 Jul 2020	467	3-Oct-20	Chung cư hiệp thành 3 thủ dầu một bình dương Thu Dau Mot, Vietnam 590000	1
VietP-10	0	search (filter by page)	Product/service	12 Aug 2020	29	19-Aug-20		
VietP-11	1	search (filter by page)	Product/service	15 Jul 2020	92	3 Oct 2020		1
VietP-12	1	search (filter by page)	Jewellery/ watches	27 Aug 2017	431	3 Oct 2020		0
VietP-13	1	related page VietP-12	Jewellery/ watches; Accessories	20 Oct 2018	726	3 Oct 2020		0

Page #	Still active as of 3 Oct 2020 0=no, 1=yes	Found via search or related page	Page Type (ie personal blog, sale, etc)	Creation Date	Likes	As of Date	Location (if listed)	Message Auto-pop up as of 3 Oct 2020 0=No 1=Yes
VietP-14	1	related page VietP-13	Product/service	14 March 2019	735	3 Oct 2020		0
VietP-15	0	related page VietP-13	Astrologist & psychic; jewellery wholesaler	18 Mar 2019	564	19-Aug-20	222 kênh tân hóa, Quận Tân Phú, Ho Chi Minh City, Vietnam 700000	
VietP-16	1	related page VietP-13	Personal Blog	22 Mar 2018	552	3 Oct 2020		0
VietP-17	1	related page VietP-14	Product/service	21 Oct 2018	586	3 Oct 2020		1
VietP-18	0	related page VietP-15	Shopping & retail	20 Sep 2018	472	19-Aug-20		
VietP-19	0	related page VietP-16	Business Service	9 October 2018	531	19-Aug-20		
VietP-20	1	related page VietP-17	Jewellery/ watches	15 March 2018	566	3 Oct 2020		0
VietP-21	1	related page VietP-20	Product/service	10 Mar 2019	852	3 Oct 2020		0
VietP-22	1	related page VietP-21	Product/service	3 Mar 2019	579	3 Oct 2020		1
VietP-23	1	related page VietP-21	Doctor	10 Mar 2019	727	3 Oct 2020		1
VietP-24	1	search (filter by page)	Product/service	19 Sep 2019	1	3 Oct 2020		0
VietP-25	0	search (filter by page)	shopping & retail	9 Aug 2020	28	19-Aug-20		
VietP-26	1	search (filter by page)	Product/service · Jewellery/ watches · Design & fashion	3 Aug 2016	198	3 Oct 2020		1
VietP-27	1	search (filter by page)	Product/service	12 Nov 2019	517	3 Oct 2020		1
VietP-28	1	search (filter by page)	shopping & retail	15 Feb 2020	11	3 Oct 2020	108/E8 Cộng Hòa Phường 4 Quận Tân Bình Ho Chi Minh City, Vietnam 700000	1
VietP-29	1	search (filter by page)	Design & fashion	5 Jun 2017	1,700	3 Oct 2020		0
VietP-30	1	related page VietP-30	Jewellery/ watches	7 Oct 2017	1,233	3 Oct 2020		1
VietP-31	1	related page VietP-31	Product/service	20 Sep 2018	1,298	3 Oct 2020		0
VietP-32	1	related page VietP-32	Government website	29 Jan 2018	2,003	3 Oct 2020		0
VietP-33	0	related page VietP-28	Business service · Personal blog	29 Mar 2018	507	19-Aug-20		
VietP-34	1	search (filter by page)	Personal Blog	14 Nov 2018	1,386	3 Oct 2020		0
VietP-35	1	search (filter by page)	Product/service	19 Nov 2019	188	3 Oct 2020		1

Page #	Still active as of 3 Oct 2020 0=no, 1=yes	Found via search or related page	Page Type (ie personal blog, sale, etc)	Creation Date	Likes	As of Date	Location (if listed)	Message Auto-pop up as of 3 Oct 2020 0=No 1=Yes
VietP-36	1	search (filter by page)	Business service	20 February 2020	175	3 Oct 2020	Tiền phong - Thường tín Hanoi, Vietnam	1
VietP-37	1	search (filter by page)	Product/service	23 May 2019	37	3 Oct 2020		0
VietP-38	1	search (filter by page)	Arts & crafts shop	22 Nov 2019	428	3 Oct 2020		0
VietP-39	0	search (filter by page)	Shopping & retail	12 Mar 2019	473	19-Aug-20		
VietP-40	1	search (filter by page)	Product/service	29 Nov 2019	243	3 Oct 2020		1
VietP-41	1	related page VietP-40	Business service	16 Mar 2019	336	3 Oct 2020		0
VietP-42	1	related page VietP-40	Personal blog	31 May 2019	528	3 Oct 2020		0
VietP-43	1	related page VietP-41	Product/service	7 Jan 2019	266	3 Oct 2020		0
VietP-44	1	related page VietP-42	Personal blog	4 Jun 2019	515	3 Oct 2020		0
VietP-45	1	related page VietP-42	Personal blog	4 Jun 2019	527	3 Oct 2020		0
VietP-46	1	related page VietP-45	Producer	18 Nov 2019	403	3 Oct 2020		0
VietP-47	0	related page VietP-46	Sportsperson	10 Feb 2020	421	19-Aug-20		
VietP-48	1	search (filter by page)	Jewellery wholesaler · Product/service · Design & fashion	4 Mar 2019	560	3 Oct 2020	Kilomet 50 Buon Ma Thuot, Vietnam	0
VietP-49	0	search (filter by page)	Arts and crafts shop	10 Apr 2020	14	19-Aug-20		
VietP-50	1	search (filter by page)	Product/Service	1 Oct 2019	100	3 Oct 2020		1
VietP-51	1	search (filter by page)	Product/Service	23 Mar 2020	335	3 Oct 2020		1
VietP-52	1	search (filter by page)	Jewellery/ Watches	11 Feb 2020	245	3 Oct 2020		0
VietP-53	1	related page VietP-53	Jewellery wholesaler · Shopping & retail · Product/service	20 Nov 2019	443	3 Oct 2020		1
VietP-54	1	search (filter by page)	Product/service	1 May 2020	120	3 Oct 2020		0
VietP-55	1	search (filter by page)	Product/service	26 Apr 2020	289	3 Oct 2020		0
VietP-56	1	search (filter by page)	Shopping & retail	27 Apr 2019	354	3 Oct 2020		0
VietP-57	1	search (filter by page)	Jewellery wholesaler	16 Mar 2020	26	3 Oct 2020		1
VietP-58	1	search (filter by page)	Jewellery wholesaler	13 Apr 2020	535	3 Oct 2020	Buôn Ma Thuật Buon Ma Thuot, Vietnam	1

Page #	Still active as of 3 Oct 2020 0=no, 1=yes	Found via search or related page	Page Type (ie personal blog, sale, etc)	Creation Date	Likes	As of Date	Location (if listed)	Message Auto-pop up as of 3 Oct 2020 0=No 1=Yes
VietP-59	1	search (filter by page)	Shopping & retail	25 Apr 2020	40	3 Oct 2020		1
VietP-60	1	search (filter by page)	Merchandising service	25 May 2020	100	3 Oct 2020		1
VietP-61	1	search (filter by page)	Product/service	3 Nov 2019	122	3 Oct 2020		1
VietP-62	1	search (filter by page)	Product/service	17 Nov 2019	282	3 Oct 2020		0
VietP-63	1	search (filter by page)	Product/service	9 Nov 2019	56	3 Oct 2020		0
VietP-64	1	related page VietP-62	Product/service	27 Dec 2019	83	3 Oct 2020		1
VietP-65	1	search (filter by page)	Jewellery/ Watches	12 Sep 2019	436	3 Oct 2020		1
VietP-66	1	search (filter by page)	Just for Fun	1 Dec 2019	419	3 Oct 2020		0
VietP-67	1	related page VietP-66	Product/service	27 Sep 2019	213	3 Oct 2020		1
VietP-68	1	search (filter by page)	Personal blog	8 May 2020	20	3 Oct 2020		0
VietP-69	1	search (filter by page)	Shopping & retail	13 Mar 2020	126	3 Oct 2020		1
VietP-70	1	search (filter by page)	Product/service Personal blog Shopping & retail	5 Dec 2019	194	3 Oct 2020		1
VietP-71	1	related page VietP-70	Product/service	26 Apr 2020	290	3 Oct 2020		0
VietP-72	1	search (filter by page)	Product/service	11 Aug 2020	100	3 Oct 2020		1
VietP-73	1	search (filter by page)	Jewellery/ Watches	19 May 2020	130	3 Oct 2020		1
VietP-74	1	search (filter by page)	Jewellery/ Watches, personal blog	10 Aug 2019	77	3 Oct 2020		1
VietP-75	1	search (filter by page)	Product/service	23 Sep 2019	0	3 Oct 2020		0
VietP-76	1	search (filter by page)	Product/service	17 Jun 2016	29	3 Oct 2020		0
VietP-77	1	search (filter by page)	Patio/garden	31 Oct 2014	173	3 Oct 2020		0
VietP-78	1	search (filter by page)	Product/service	5 Jul 2019	636	3 Oct 2020		1
VietP-79	1	search (filter by page)	Shopping & retail	27 Nov 2018	437	3 Oct 2020		1
VietP-80	1	search (filter by page)	Pet Service	10 Sep 2016	787	3 Oct 2020	số 113 đường quang trung gò vấp Ho Chi Minh City, Vietnam 700000	1
VietP-81	1	search (filter by page)	Product/service	17 Aug 2017	312	3 Oct 2020		0

Page #	Still active as of 3 Oct 2020 0=no, 1=yes	Found via search or related page	Page Type (ie personal blog, sale, etc)	Creation Date	Likes	As of Date	Location (if listed)	Message Auto-pop up as of 3 Oct 2020 0=No 1=Yes
VietP-82	1	related page VietP-81	Just for fun	26 Dec 2017	1,722	3 Oct 2020		0
VietP-83	1	related page VietP-82	App Page	25 Jun 2013	7,037	3 Oct 2020		0
VietP-84	1	related page VietP-83	Product/service	5 Nov 2016	4,682	3 Oct 2020		1
VietP-85	1	related page VietP-83	Personal blog	11 Jan 2019	1,240	3 Oct 2020		0
VietP-86	1	related page VietP-84	Product/Service	28 Jun 2018	2,931	3 Oct 2020		1
VietP-87	1	search (filter by page)	Product/Service	22 Jun 2018	914	3 Oct 2020		0
VietP-88	1	search (filter by page)	Shopping centre	11 Jul 2015	600	3 Oct 2020		0
VietP-89	1	search (filter by page)	Pet supplies	3 May 2015	73	3 Oct 2020		0
VietP-90	1	search (filter by page)	Pet service	11 Mar 2019	1,106	3 Oct 2020	Vet Binh Dương Binh Chuẩn 64, Binh Chuẩn, Tân Uyên, Binh Dương 0357 993 910 https://goo.gl/maps/JgtE2krroXa8AF7t7 Binh Chuan, Vietnam	1
VietP-91	1	search (filter by page)	Just for fun	4 Apr 2018	679	3 Oct 2020		0
VietP-92	1	search (filter by page)	Product/Service	28 Mar 2017	2,443	3 Oct 2020		1
VietP-93	1	search (filter by page)	Pet supplies	24 Dec 2017	1,909	3 Oct 2020		1
VietP-94	1	related page VietP-93	Pet supplies	6 Oct 2013	8,594	3 Oct 2020		0
VietP-95	1	search (filter by page)	Product/Service	11 Jan 2019	1,033	3 Oct 2020		0
VietP-96	1	related page VietP-96	Pet supplies	31 Mar 2016	973	3 Oct 2020		0
VietP-97	1	search (filter by page)	Agricultural cooperative	14 Jun 2016	3,298	3 Oct 2020		0
VietP-98	1	search (filter by page)	Food and drinks company	22 May 2016	3,021	3 Oct 2020		1
VietP-99	1	search (filter by page)	Pet service	1 Oct 2014	3,078	3 Oct 2020		0
VietP-100	1	search (filter by page)	Pet supplies	6 May 2015	3,124	3 Oct 2020		0
VietP-101	1	search (filter by page)	Product/Service	30 Dec 2019	320	3 Oct 2020		0
VietP-102	1	related page VietP-101	Adult entertainment club	6 Jul 2019	590	3 Oct 2020		0
VietP-103	1	related page VietP-101	Personal blog	9 Jul 2019	453	3 Oct 2020		0

Page #	Still active as of 3 Oct 2020 0=no, 1=yes	Found via search or related page	Page Type (ie personal blog, sale, etc)	Creation Date	Likes	As of Date	Location (if listed)	Message Auto-pop up as of 3 Oct 2020 0=No 1=Yes
VietP-104	1	search (filter by page)	Product/Service	25 Jul 2019	226	3 Oct 2020		0
VietP-105	0	related page VietP-104	Product/Service	1 Oct 2018	7,224	19-Aug-20		
VietP-106	1	related page VietP-105	Pet supplies, Reptile pet shop	27 Mar 2018	1,583	3 Oct 2020		1
VietP-107	1	related page VietP-106	Pet service	18 Mar 2018	852	3 Oct 2020		0
VietP-108	1	search (filter by page)	Personal blog	2 Jun 2018	545	3 Oct 2020		0

FACEBOOK GROUPS DOCUMENTED BY ACCO

Arabic Facebook Wildlife Groups Documented

Group #	Still active as of 3 Oct 2020 0=no, 1=yes	Group Type (ie General, learning, etc)	Accessibility (ie Public, Private)	Creation Date	Members	As of Date	Location (if listed)
ArbG-1	1	General	Private	17-Jul-15	162,180	3-Oct-20	Iraq
ArbG-2	1	General	Private	30-May-18	3,470	3-Oct-20	
ArbG-3	1	General	Private	3 Nov 2018	2,421	3-Oct-20	Europe and Netherlands
ArbG-4	1	General	Public	7 Jun 2019	1,700	3-Oct-20	
ArbG-5	0	General	Public	21 Apr 2014	8891	24-Aug-20	
ArbG-6	1	General	Public	18 Oct 2014	6,441	3-Oct-20	
ArbG-7	0	General	Private	1 Aug 2020	1054	24-Aug-20	
ArbG-8	1	General	Private	9 Jul 2016	11,145	3-Oct-20	Anbar, Iraq
ArbG-9	1	General	Private	19 May 2017	6,419	3-Oct-20	
ArbG-10	1	General	Public	6 Oct 2017	5,217	3-Oct-20	Syria
ArbG-11	1	General	Private	6 Jan 2014	5,292	3-Oct-20	Port Said, Egypt
ArbG-12	1	General	Public	4 Sep 2018	2,400	3-Oct-20	
ArbG-13	0	General	Public	15 June 2011	2	24-Aug-20	
ArbG-14	1	General	Public	4 Aug 2016	17,996	3-Oct-20	
ArbG-15	1	General	Public	30 Mar 2020	5,817	3-Oct-20	Sudan
ArbG-16	1	General	Private	15 Sep 2019	1	3-Oct-20	
ArbG-17	1	General	Public	12 May 2020	11,834	3-Oct-20	
ArbG-18	1	General	Public	18 Jan 2018	1,934	3-Oct-20	
ArbG-19	1	General	Private	2 Jan 2016	9,388	3-Oct-20	Jordan
ArbG-20	1	General	Private	25 Jan 2020	14,808	3-Oct-20	Iraq
ArbG-21	1	Buy and Sell	Public	24 Jul 2016	9,021	3-Oct-20	
ArbG-22	1	Buy and Sell	Private	25 Aug 2014	9,875	3-Oct-20	
ArbG-23	1	General	Public	26 Feb 2020	3,635	3-Oct-20	Baghdad, Iraq
ArbG-24	1	General	Private	15 Sep 2015	30,667	3-Oct-20	
ArbG-25	1	Buy and Sell	Public	9 May 2012	6,900	3-Oct-20	
ArbG-26	1	General	Public	15 Apr 2016	1,519	3-Oct-20	Damascus, Syria
ArbG-27	1	General	Private	20 Feb 2016	1,240	3-Oct-20	
ArbG-28	1	General	Public	7 Jul 2017	10,263	3-Oct-20	
ArbG-29	1	General	Private	1 March 2017	23,260	3-Oct-20	
ArbG-30	1	General	Private	7 Mar 2019	1,113	3-Oct-20	Algeria
ArbG-31	1	General	Private	30 Mar 2016	9,613	3-Oct-20	Morocco

Group #	Still active as of 3 Oct 2020 0=no, 1=yes	Group Type (ie General, learning, etc)	Accessibility (ie Public, Private)	Creation Date	Members	As of Date	Location (if listed)
ArbG-32	0	General	Private	22 Feb 2020	581	24-Aug-20	
ArbG-33	1	General	Private	28 Sep 2015	14,832	3-Oct-20	
ArbG-34	1	General	Private	4 Jan 2017	679	3-Oct-20	
ArbG-35	1	General	Public	21 Jul 2017	15,117	3-Oct-20	
ArbG-36	1	General	Private	27 Dec 2019	2,119	3-Oct-20	
ArbG-37	1	General	Public	22 Jun 2020	47	3-Oct-20	
ArbG-38	1	Buy and Sell	Public	14 Dec 2016	11,961	3-Oct-20	
ArbG-39	1	General	Public	9 Apr 2015	1,721	3-Oct-20	
ArbG-40	1	General	Private	17 Nov 2015	19,898	3-Oct-20	
ArbG-41	1	General	Private	4 Aug 2019	2,458	3-Oct-20	
ArbG-42	1	Buy and Sell	Public	29 Oct 2016	928	3-Oct-20	
ArbG-43	1	General	Public	25 May 2020	698	3-Oct-20	
ArbG-44	1	General	Public	20 Feb 2020	6,483	3-Oct-20	
ArbG-45	1	General	Private	20 Oct 2019	1,458	3-Oct-20	
ArbG-46	1	General	Private	15 Aug 2014	3,026	3-Oct-20	
ArbG-47	1	General	Public	23 Jun 2020	1,099	3-Oct-20	
ArbG-48	1	General	Private	27 Jun 2019	3,065	3-Oct-20	
ArbG-49	1	General	Private	16 Jun 2020	1,528	3-Oct-20	
ArbG-50	1	General	Public	27 May 2018	3,673	3-Oct-20	Cairo, Egypt
ArbG-51	1	Buy and Sell	Public	28 Oct 2015	5,809	3-Oct-20	Tunis, Tunisia
ArbG-52	1	General	Public	17 Apr 2020	7,715	3-Oct-20	Algeria
ArbG-53	1	General	Public	5 Jul 2020	3,552	3-Oct-20	Iraq
ArbG-54	1	General	Private	17 Feb 2020	5,352	3-Oct-20	
ArbG-55	1	General	Public	6 Jan 2020	6,479	3-Oct-20	
ArbG-56	1	General	Public	27 Aug 2019	3,884	3-Oct-20	Baghdad, Iraq
ArbG-57	1	General	Public	17 Nov 2019	5,490	3-Oct-20	
ArbG-58	1	General	Public	13 Aug 2019	6,410	3-Oct-20	
ArbG-59	1	General	Private	12 Jul 2020	659	3-Oct-20	
ArbG-60	1	General	Private	23 Mar 2020	4,059	3-Oct-20	Al Hillah, Babil, Iraq
ArbG-61	1	General	Private	11 Apr 2016	36,659	3-Oct-20	Hilla, Iraq
ArbG-62	1	General	Private	31 Oct 2019	2,049	3-Oct-20	LIBYA
ArbG-63	1	General	Public	30 May 2020	3,609	3-Oct-20	Jordan
ArbG-64	1	Social Learning	Private	6 Jun 2020	4,594	3-Oct-20	
ArbG-65	1	General	Public	9 Aug 2019	6,751	3-Oct-20	Jordan

English Facebook Wildlife Groups Documented

Group #	Still active as of 3 Oct 2020 0=no, 1=yes	Group Type (ie General, learning, etc)	Accessibility (ie Public, Private)	Creation Date	Members	As of Date	Location (if listed)
EngG-1	1	General	Public	9-May-15	5,910	3-Oct-20	
EngG-2	0	General	Public	21-Mar-20	104	31-Mar-20	
EngG-3	1	General	Private	10 Jul 2019	3,225	3 Oct 2020	
EngG-4	1	General	Public	22 Feb 2020	3,932	3 Oct 2020	
EngG-5	1	General	Private	8 Oct 2015	2,790	3 Oct 2020	
EngG-6	1	General	Public	29 Mar 2017	2,653	3 Oct 2020	NC, SC and VA
EngG-7	1	General	Private	18 May 2018	1,591	3 Oct 2020	
EngG-8	1	General	Private	29 Jul 2014	2,708	3 Oct 2020	Pensacola, Florida
EngG-9	1	General	Public	18 Aug 2018	3,464	3 Oct 2020	Oklahoma City, Oklahoma
EngG-10	1	Buy and Sell	Private	18 Aug 2012	1,151	3 Oct 2020	Wichita, Kansas
EngG-11	1	General	Private	20 Apr 2019	378	3 Oct 2020	Kentucky
EngG-12	1	General	Public	27 Dec 2015	957	3 Oct 2020	Florida
EngG-13	1	General	Private	24 May 2013	3,631	3 Oct 2020	Mississippi
EngG-14	1	General	Public	20 Dec 2019	5,049	3 Oct 2020	
EngG-15	1	General	Private	3 Mar 2020	290	3 Oct 2020	
EngG-16	1	General	Private	2 Aug 2018	105	3 Oct 2020	
EngG-17	1	Buy and Sell	Private	26 Jan 2015	2,206	3 Oct 2020	Ontario, Canada
EngG-18	1	General	Private	21 Sep 2012	7,889	3 Oct 2020	Indiana
EngG-19	1	General	Private	24 Nov 2014	4,398	3 Oct 2020	Texas
EngG-20	1	General	Private	4 Aug 2019	604	3 Oct 2020	
EngG-21	1	General	Private	30 Apr 2013	5,165	3 Oct 2020	
EngG-22	1	Buy and Sell	Public	18 Jan 2015	2,966	3 Oct 2020	Virginia
EngG-23	0	General	Public	31 Mar 2015	1221	26 Apr 2020	India
EngG-24	1	General	Public	16 Mar 2014	425	3 Oct 2020	Lakes Entrance, Victoria
EngG-25	1	Buy and Sell	Private	9 Nov 2013	6,388	3 Oct 2020	
EngG-26	1	General	Private	30 Jun 2018	1,183	3 Oct 2020	
EngG-27	1	General	Private	26 Jun 2019	1,354	3 Oct 2020	
EngG-28	0	General	Public	29 Aug 2019	3137	26 Apr 2020	Kerala, Pakistan
EngG-29	1	General	Private	17 May 2018	7,161	3 Oct 2020	
EngG-30	1	General	Private	27 Aug 2015	1,673	3 Oct 2020	
EngG-31	0	General	Private	20 Aug 2017	2899	26 Apr 2020	
EngG-32	1	General	Private	5 Dec 2019	1,456	3 Oct 2020	Czech Republic
EngG-33	1	General	Private	18 Apr 2012	2,052	3 Oct 2020	Kansas

Group #	Still active as of 3 Oct 2020 0=no, 1=yes	Group Type (ie General, learning, etc)	Accessibility (ie Public, Private)	Creation Date	Members	As of Date	Location (if listed)
EngG-34	1	General	Private	25 Jan 2013	2,673	3 Oct 2020	West Virginia
EngG-35	1	General	Public	20 Jan 2016	1,793	3 Oct 2020	Sandusky, Ohio
EngG-36	1	General	Private	27 Jun 2019	1,216	3 Oct 2020	Pangasinan, Philippines
EngG-37	1	General	Public	30 Apr 2016	6,295	3 Oct 2020	
EngG-38	1	General	Private	29 May 2013	1,104	3 Oct 2020	West Virginia
EngG-39	1	General	Public	12 Sep 2009	4,410	3 Oct 2020	
EngG-40	1	General	Public	16 Jun 2014	11,245	3 Oct 2020	
EngG-41	1	General	Private	10 Jul 2019	3,225	3 Oct 2020	
EngG-42	1	Buy and Sell	Private	9 Mar 2013	2,640	3 Oct 2020	
EngG-43	1	General	Private	11 Jul 2012	1,329	3 Oct 2020	South Texas
EngG-44	1	General	Public	14 Jan 2016	1,594	3 Oct 2020	Tennessee
EngG-45	1	General	Private	1 Jul 2013	455	3 Oct 2020	
EngG-46	1	General	Private	15 Apr 2018	2,682	3 Oct 2020	
EngG-47	1	General	Public	22 Feb 2020	3,932	3 Oct 2020	
EngG-48	1	Buy and Sell	Private	10 Aug 2012	3,799	3 Oct 2020	
EngG-49	1	General	Public	17 May 2017	2,052	3 Oct 2020	
EngG-50	1	General	Public	3 Jul 2013	1,092	3 Oct 2020	Dallas, Texas
EngG-51	1	General	Private	28 Sep 2015	2,674	3 Oct 2020	Colorado
EngG-52	1	Buy and Sell	Private	20 May 2013	2,645	3 Oct 2020	Alabama
EngG-53	1	general	Public	3 September 2019	749	3 Oct 2020	
EngG-54	1	General	Public	2 Oct 2015	2,519	3 Oct 2020	
EngG-55	1	General	Private	30 May 2020	2,273	3 Oct 2020	
EngG-56	1	general	Public	18 Jul 2012	798	3 Oct 2020	Chester, Virginia
EngG-57	1	General	Private	28 Jun 2020	3,847	3 Oct 2020	
EngG-58	1	General	Private	30 Aug 2015	3,202	3 Oct 2020	
EngG-59	1	General	Private	14 Jan 2020	920	3 Oct 2020	Connecticut
EngG-60	1	General	Public	19 Dec 2019	7,316	3 Oct 2020	
EngG-61	1	General	Private	6 May 2015	10,091	3 Oct 2020	
EngG-62	1	General	Private	11 Sep 2013	4,227	3 Oct 2020	
EngG-63	1	Buy and Sell	Public	2 May 2018	3,885	3 Oct 2020	
EngG-64	1	General	Private	16 Oct 2019	476	3 Oct 2020	
EngG-65	1	General	Public	6 Apr 2020	3,484	3 Oct 2020	
EngG-66	1	General	Private	7 May 2012	9,868	3 Oct 2020	
EngG-67	1	General	Public	14 Apr 2020	950	3 Oct 2020	
EngG-68	1	General	Private	22 Feb 2015	29,738	3 Oct 2020	Philippines

Group #	Still active as of 3 Oct 2020 0=no, 1=yes	Group Type (ie General, learning, etc)	Accessibility (ie Public, Private)	Creation Date	Members	As of Date	Location (if listed)
EngG-69	1	General	Public	10 Jun 2011	2,018	3 Oct 2020	Detroit, Michigan
EngG-70	1	General	Public	7 Aug 2020	292	3 Oct 2020	
EngG-71	1	General	Public	26 Mar 2009	900	3 Oct 2020	Seattle, Washington
EngG-72	1	General	Public	23 Oct 2019	12,140	3 Oct 2020	
EngG-73	1	General	Public	3 Dec 2019	9,044	3 Oct 2020	Malaysia
EngG-74	1	General	Private	18 Dec 2018	279	3 Oct 2020	South Africa
EngG-75	0	General	Public	10 Jun 2020	151	25 Aug 2020	
EngG-76	1	General	Public	20 Mar 2014	6,982	3 Oct 2020	United States
EngG-77	1	General	Public	23 Jun 2020	779	3 Oct 2020	
EngG-78	1	General	Private	27 Sep 2014	3,332	3 Oct 2020	Karachi, Pakistan
EngG-79	1	General	Public	27 Jun 2018	6,173	3 Oct 2020	Mardan Cantonment, Khyber Pakhtunkhwa, Pakistan
EngG-80	1	General	Public	21 Jan 2019	26,347	3 Oct 2020	Kerala, India
EngG-81	0	General	Private	6 Sep 2014	3778	25 Aug 2020	Louisiana
EngG-82	1	General	Public	15 Apr 2012	1,086	3 Oct 2020	Arkansas
EngG-83	1	General	Public	29 Apr 2016	10,706	3 Oct 2020	Karachi, Pakistan
EngG-84	1	General	Private	14 Nov 2018	22,151	3 Oct 2020	Karachi, Pakistan
EngG-85	1	General	Public	30 Nov 2018	14,902	3 Oct 2020	Philippines
EngG-86	1	General	Public	1 Oct 2016	2,667	3 Oct 2020	Qila Sheikhpura, Punjab, Pakistan
EngG-87	1	General	Public	7 Apr 2020	3,294	3 Oct 2020	Mumbai, India
EngG-88	1	General	Public	28 Feb 2016	430	3 Oct 2020	Manteca, California
EngG-89	1	General	Public	11 Nov 2017	3,512	3 Oct 2020	Dubai, UAE
EngG-90	1	Buy and Sell	Public	26 May 2014	4,886	3 Oct 2020	
EngG-91	1	General	Private	8 Aug 2016	959	3 Oct 2020	El Paso, Texas
EngG-92	1	Buy and Sell	Private	13 Apr 2012	1,240	3 Oct 2020	Scotland
EngG-93	1	General	Public	13 Sep 2015	978	3 Oct 2020	
EngG-94	1	General	Public	2 Apr 2018	1,514	3 Oct 2020	Kokkinotrimithia, Nicosia, Cyprus
EngG-95	1	General	Public	27 May 2014	1,675	3 Oct 2020	
EngG-96	1	General	Public	12 Jul 2015	1,339	3 Oct 2020	Singapore
EngG-97	1	General	Public	29 May 2015	961	3 Oct 2020	Sacramento, California
EngG-98	1	General	Public	23 Jun 2019	1,171	3 Oct 2020	Nicosia, Cyprus
EngG-99	1	General	Public	9 Oct 2013	3,702	3 Oct 2020	
EngG-100	1	General	Public	20 Jul 2016	2,042	3 Oct 2020	Canada

Group #	Still active as of 3 Oct 2020 0=no, 1=yes	Group Type (ie General, learning, etc)	Accessibility (ie Public, Private)	Creation Date	Members	As of Date	Location (if listed)
EngG-101	1	General	Public	21 Jul 2014	622	3 Oct 2020	Austin, Texas
EngG-102	0	General	Private	17 Jun 2020	1703	25 Aug 2020	Victoria, Canada
EngG-103	1	Buy and Sell	Private	27 Mar 2013	6,856	3 Oct 2020	Singapore
EngG-104	1	General	Private	14 Sep 2016	5,358	3 Oct 2020	Bangladesh
EngG-105	1	General	Public	23 Apr 2018	36,061	3 Oct 2020	
EngG-106	1	Buy and Sell	Private	24 Feb 2018	50,328	3 Oct 2020	Islamabad, Pakistan
EngG-107	1	General	Private	29 Aug 2019	950	3 Oct 2020	New Jersey
EngG-108	1	General	Private	17 Feb 2012	2,384	3 Oct 2020	
EngG-109	1	General	Public	28 Dec 2014	1,488	3 Oct 2020	San Francisco, California
EngG-110	1	General	Public	5 Mar 2020	3,537	3 Oct 2020	Rawalpindi, Pakistan
EngG-111	1	Buy and Sell	Private	22 Mar 2014	2,992	3 Oct 2020	
EngG-112	1	General	Public	27 May 2019	21,048	3 Oct 2020	Philippines
EngG-113	1	General	Private	5 Jul 2020	310	3 Oct 2020	Hyderabad, India
EngG-114	1	General	Public	27 Aug 2020	509	3 Oct 2020	Lahore, Pakistan
EngG-115	1	Buy and Sell	Private	21 Aug 2015	255	3 Oct 2020	Essex, UK
EngG-116	1	General	Public	14 Aug 2014	3,103	3 Oct 2020	Iowa
EngG-117	1	General	Private	22 Sep 2019	731	3 Oct 2020	
EngG-118	1	General	Public	3 Feb 2020	775	3 Oct 2020	
EngG-119	1	General	Public	25 Aug 2020	1,284	3 Oct 2020	Hermosa, Bataan, Philippines
EngG-120	1	General	Public	7 May 2020	386	3 Oct 2020	Lakeland, Florida
EngG-121	1	General	Public	11 Aug 2018	6,534	3 Oct 2020	Karachi, Pakistan
EngG-122	1	General	Private	27 Sep 2015	678	3 Oct 2020	
EngG-123	1	General	Public	11 Feb 2020	357	3 Oct 2020	Connecticut
EngG-124	1	General	Private	20 Apr 2019	990	3 Oct 2020	
EngG-125	1	General	Private	13 Sep 2018	905	3 Oct 2020	Los Angeles, California
EngG-126	1	General	Private	20 Dec 2012	1,953	3 Oct 2020	Michigan
EngG-127	1	General	Public	10 May 2015	7,454	3 Oct 2020	Sialkot, Punjab, India
EngG-128	1	General	Public	3 Mar 2015	885	3 Oct 2020	Cayuga, Texas
EngG-129	1	General	Public	20 Feb 2019	5,516	3 Oct 2020	
EngG-130	1	General	Private	24 Feb 2014	85,288	3 Oct 2020	Lahore, Pakistan
EngG-131	1	general	Public	24 Aug 2015	986	3 Oct 2020	Oregon
EngG-132	1	general	Public	7 Mar 2020	2,833	3 Oct 2020	Peshawar, Pakistan
EngG-133	1	General	Private	5 Sep 2012	3,554	3 Oct 2020	Indiana

Group #	Still active as of 3 Oct 2020 0=no, 1=yes	Group Type (ie General, learning, etc)	Accessibility (ie Public, Private)	Creation Date	Members	As of Date	Location (if listed)
EngG-134	1	General	Private	4 Sep 2019	20,430	3 Oct 2020	Pakistan
EngG-135	1	general	Public	1 Jun 2019	453	3 Oct 2020	UK
EngG-136	1	Buy and Sell	Public	13 Dec 2018	646	3 Oct 2020	Arizona

Indonesian Facebook Wildlife Groups Documented

Group #	Still active as of 3 Oct 2020 0=no, 1=yes	Group Type (ie General, learning, etc)	Accessibility (ie Public, Private)	Creation Date	Members	As of Date	Location (if listed)
IndG-1	0	General	Public	15-Oct-16	1273	20-Aug-20	
IndG-2	1	General	Public	18-Dec-17	3,494	3-Oct-20	
IndG-3	1	General	Public	6 Nov 2019	45	3 Oct 2020	
IndG-4	1	General	Public	2 Oct 2018	167	3 Oct 2020	
IndG-5	1	General	Private	17 Aug 2019	2,510	3 Oct 2020	
IndG-6	0	Buy and Sell	Public	28 Sep 2014	775	20-Aug-20	Ketapang, Indonesia
IndG-7	1	Buy and Sell	Private	3 Apr 2018	2,409	3 Oct 2020	
IndG-8	1	Buy and Sell	Private	17 Sep 2016	6,405	3 Oct 2020	
IndG-9	1	General	Public	11 Mar 2019	321	3 Oct 2020	
IndG-10	1	Buy and Sell	Private	9 Jan 2015	3,234	3 Oct 2020	
IndG-11	1	General	Public	27 Jul 2019	120	3 Oct 2020	
IndG-12	1	Buy and Sell	Public	15 Dec 2016	2,574	3 Oct 2020	
IndG-13	0	General	Public	5 March 2018	634	20-Aug-20	
IndG-14	1	General	Private	11 Apr 2017	1,202	3 Oct 2020	Timika, Papua, Indonesia
IndG-15	1	General	Public	29 Jul 2015	2,767	3 Oct 2020	
IndG-16	1	Buy and Sell	Public	6 May 2016	829	3 Oct 2020	
IndG-17	1	General	Private	30 Sep 2013	1,636	3 Oct 2020	Besuki, Jawa Timur, Indonesia
IndG-18	1	General	Public	5 Jan 2019	87	3 Oct 2020	
IndG-19	1	Buy and Sell	Public	20 May 2013	2,886	3 Oct 2020	
IndG-20	1	General	Public	9 Oct 2016	1,905	3 Oct 2020	Karawang, Indonesia
IndG-21	0	General	Public	30 May 2016	1482	20-Aug-20	Tolitoli, Sulawesi Tengah, Indonesia
IndG-22	1	General	Public	20 Aug 2019	683	3 Oct 2020	
IndG-23	1	General	Private	26 Jan 2018	1,781	3 Oct 2020	
IndG-24	1	Buy and Sell	Public	20 May 2019	442	3 Oct 2020	Balikpapan, Indonesia

Group #	Still active as of 3 Oct 2020 0=no, 1=yes	Group Type (ie General, learning, etc)	Accessibility (ie Public, Private)	Creation Date	Members	As of Date	Location (if listed)
IndG-25	1	General	Public	29 Sep 2019	41	3 Oct 2020	
IndG-26	1	General	Private	27 Apr 2019	23,258	3 Oct 2020	Indonesia
IndG-27	1	Buy and Sell	Private	3 May 2014	2,688	3 Oct 2020	
IndG-28	1	General	Public	16 Jun 2020	790	3 Oct 2020	Malaysia

Vietnamese Facebook Wildlife Groups Documented

Group #	Still active as of 3 Oct 2020 0=no, 1=yes	Group Type (ie General, learning, etc)	Accessibility (ie Public, Private)	Creation Date	Members	As of Date	Location (if listed)
VietG-1	0	General	Public	16-Sep-19	1052	18-Aug-20	Dong Xoai, Vietnam
VietG-2	0	General	Public	31-May-20	415	18-Aug-20	Phan Thiet, Vietnam
VietG-3	1	General	Public	18 Mar 2020	3,223	3 Oct 2020	
VietG-4	1	General	Public	20 Aug 2014	4,147	3 Oct 2020	
VietG-5	1	General	Public	1 Aug 2018	2,148	3 Oct 2020	
VietG-6	0	General	Public	17 May 2017	1879	18-Aug-20	Ho Chi Minh City, Vietnam · Kuala Lumpur, Malaysia
VietG-7	0	General	Public	29 Mar 2017	8930	18-Aug-20	
VietG-8	0	General	Public	29 Feb 2020	1118	18-Aug-20	
VietG-9	1	General	Public	1 Feb 2020	2,690	3 Oct 2020	Buon Me Thuot, Vietnam
VietG-10	1	General	Private	18 Nov 2019	2,446	3 Oct 2020	
VietG-11	1	General	Private	26 Aug 2017	4,166	3 Oct 2020	
VietG-12	1	General	Public	17 Jun 2020	220	3 Oct 2020	
VietG-13	0	General	Public	15 March 2020	418	18-Aug-20	Buon Me Thuot · Dubai, United Arab Emirates · Buôn Ma Thuột, Đắk Lắk, Vietnam
VietG-14	0	General	Public	4 Mar 2019	2685	18-Aug-20	
VietG-15	1	Buy and Sell	Public	2 Jun 2016	1,717	3 Oct 2020	Ho Chi Minh City, Vietnam
VietG-16	1	General	Public	5 Aug 2015	9,783	3 Oct 2020	Uông Bí, Vietnam
VietG-17	1	Buy and Sell	Public	17 Apr 2016	3,645	3 Oct 2020	
VietG-18	1	General	Public	11 Jul 2016	1,116	3 Oct 2020	
VietG-19	1	General	Public	10 Apr 2020	1,166	3 Oct 2020	Vietnam
VietG-20	0	General	Public	12 Aug 2019	3977	18-Aug-20	
VietG-21	1	Custom	Public	10 Apr 2015	2,841	3 Oct 2020	Ho Chi Minh City, Vietnam

Group #	Still active as of 3 Oct 2020 0=no, 1=yes	Group Type (ie General, learning, etc)	Accessibility (ie Public, Private)	Creation Date	Members	As of Date	Location (if listed)
VietG-22	1	General	Public	2 Oct 2018	3,068	3 Oct 2020	Ho Chi Minh City, Vietnam
VietG-23	1	General	Public	2 Oct 2018	4,946	3 Oct 2020	
VietG-24	1	General	Public	18 Apr 2016	7,906	3 Oct 2020	
VietG-25	1	General	Public	1 Sep 2018	4,454	3 Oct 2020	Hanoi, Vietnam
VietG-26	1	General	Private	24 Mar 2015	1,674	3 Oct 2020	
VietG-27	1	General	Public	14 Jun 2015	3,357	3 Oct 2020	
VietG-28	1	General	Public	9 Mar 2015	4,537	3 Oct 2020	
VietG-29	1	General	Public	9 July 2017	3,755	3 Oct 2020	
VietG-30	1	General	Public	21 Oct 2019	5,070	3 Oct 2020	
VietG-31	1	Custom	Public	31 Oct 2014	2,632	3 Oct 2020	District 5, Ho Chi Minh City, Vietnam
VietG-32	1	General	Public	13 Jun 2019	761	3 Oct 2020	
VietG-33	1	General	Public	24 Nov 2014	5,358	3 Oct 2020	Da Nang, Vietnam
VietG-34	1	General	Public	14 May 2017	6,759	3 Oct 2020	Ho Chi Minh City, Vietnam
VietG-35	1	General	Private	15 Mar 2019	1,093	3 Oct 2020	
VietG-36	1	General	Public	14 Aug 2019	2,363	3 Oct 2020	Ho Chi Minh City, Vietnam
VietG-37	1	General	Public	16 Jun 2020	620	3 Oct 2020	
VietG-38	1	General	Public	18 Jan 2019	930	3 Oct 2020	
VietG-39	1	General	Public	13 Jan 2020	565	3 Oct 2020	Ho Chi Minh City, Vietnam
VietG-40	1	General	Public	21 Apr 2020	27	3 Oct 2020	Brisbane, Queensland, Australia
VietG-41	1	General	Public	30 Jul 2020	51	3 Oct 2020	
VietG-42	1	General	Public	23 Nov 2019	758	3 Oct 2020	
VietG-43	1	General	Public	2 Jan 2020	315	3 Oct 2020	
VietG-44	1	Social Learning	Public	11 Apr 2020	80	3 Oct 2020	
VietG-45	1	General	Public	18 Oct 2017	4,135	3 Oct 2020	Binh Phuoc, Vietnam
VietG-46	1	General	Public	17 Aug 2019	1,832	3 Oct 2020	
VietG-47	1	General	Public	14 Oct 2016	3,521	3 Oct 2020	
VietG-48	1	General	Public	6 Apr 2016	8,168	3 Oct 2020	Binh Định Province, Vietnam
VietG-49	1	General	Public	28 May 2020	1,465	3 Oct 2020	
VietG-50	1	General	Private	26 Aug 2017	4,166	3 Oct 2020	
VietG-51	1	General	Private	17 Apr 2019	351	3 Oct 2020	
VietG-52	1	General	Private	17 Aug 2016	4,210	3 Oct 2020	

ENDNOTES

- ¹ https://www.facebook.com/communitystandards/regulated_goods
- ² See <https://www.reuters.com/article/us-myanmar-wildlife/facebook-purges-ads-for-illegal-wildlife-in-southeast-asia-as-online-trade-surges-idUSKCN2520C3>; See also: <https://www.traffic.org/publications/reports/illicit-ivory-trade-in-indonesia-thailand-and-viet-nam/>
- ³ <https://about.fb.com/news/2019/04/remove-reduce-inform-new-steps/>
- ⁴ See for example: <https://www.traffic.org/site/assets/files/2434/trading-faces-facebook-malasia.pdf>; <https://www.theverge.com/2016/11/15/13635054/facebook-ivory-rhino-horn-trafficking-vietnam>; <https://www.latimes.com/business/la-fi-facebook-instagram-wildlife-black-market-20190712-story.html>; <https://www.dw.com/en/illegal-wildlife-trade-thrives-on-facebook-internet-forums/a-50141184>
- ⁵ <https://abcnews.go.com/US/google-facebook-join-global-fight-stop-online-wildlife/story?id=53603114>
- ⁶ Email correspondence, 17 September 2020.
- ⁷ <https://www.facebook.com/business/Pages/set-up>
- ⁸ <https://www.facebook.com/help/1629740080681586>
- ⁹ <http://atharproject.org/wp-content/uploads/2019/06/ATHAR-FB-Report-June-2019-final.pdf>
- ¹⁰ Facebook content moderation is so heavily focused in English that a 2018 article revealed that Facebook only issued its content moderation rules to its foreign moderators in English, so moderators had to rely on Google translate to do their jobs. <https://www.indiatoday.in/technology/news/story/leaked-rulebook-reveals-startling-details-about-facebook-s-content-moderation-practices-1418885-2018-12-28>
- ¹¹ <https://www.facebook.com/help/1278187755533783>
- ¹² See Appendix B for all data
- ¹³ <https://www.techtransparencyproject.org/articles/hate-Pages>
- ¹⁴ <https://transparency.facebook.com/>
- ¹⁵ See Appendix B for all data
- ¹⁶ See Appendix A for all graphs of Facebook Pages
- ¹⁷ <https://vneconomicstimes.com/article/business/mobifone-facebook-launch-free-basics-and-facebook-flex>
- ¹⁸ <https://info.internet.org/en/>
- ¹⁹ <https://connectivity.fb.com/free-basics/>
- ²⁰ <https://www.smh.com.au/world/asia/facebook-is-the-internet-for-many-people-in-south-east-asia-20180322-p4z5nu.html>
- ²¹ Section 4 – Country-specific terms Merchants in the US, 17 d. “We charge a fee of 5% per transaction, with a minimum fee of USD 0.40 (“Selling Fee”). With respect to goods, the sale of a good or goods which are delivered together are a “transaction” for the purpose of this section. The Selling Fee will be calculated based on the entire amount of the transaction (including the sale price(s) of good(s), any delivery fees and Applicable Taxes). You will also be charged a fee of USD 20 per chargeback, which will be waived upon successful representment, provided that you are compliant with these Merchant Terms and all applicable laws and policies.” https://www.facebook.com/legal/commerce_product_merchant_agreement
- ²² See Appendix B for all data
- ²³ See Appendix B for all data



All photos in document were collected from Facebook during the course of research.

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