**A systematic survey of the online trade in elephant ivory in Singapore before and after a domestic trade ban**

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Supplementary Table 1 Online platforms and search criteria/settings used for conducting the online search for listings of possible elephant ivory items for sale in Singapore.

|  |  |  |  |
| --- | --- | --- | --- |
| Site | Search criteria/settings | Company, city, country | Site URL |
| Adpost | Select the Singapore site on homepageLocation: SingaporeSearch "key word" in "All Sections" | Adpost.com Classifieds, Spijk, The Netherlands | [adpost.com/sg](https://www.adpost.com/sg/)  |
| Carousell | Select a category = All Categories"Best Match" to change to "Recent" | Carousell, Singapore | [carousell.sg](https://www.carousell.sg/)  |
| Chutku Singapore | All CategoriesEnter city = Singapore | [Please provide company, city, country] | [chutku.sg](http://www.chutku.sg/)  |
| eBay Singapore | Item Location: Singapore OnlySort by: Time: Newly Listed | eBay, San Jose, USA | [pages.ebay.com/sg/index.html](https://pages.ebay.com/sg/index.html)  |
| Facebook Marketplace | Filters: Location: Singapore, Radius: within 60 km (default)Sort by: Recommended [does not have option for most recent] | Meta Platforms, Menlo Park, USA | [facebook.com/marketplace/singapore](https://www.facebook.com/marketplace/singapore/)  |
| Gumtree | All SingaporeSort by: Most recent | Gumtree.com Limited, London, UK | [gumtree.com/.sg](https://www.gumtree.com/.sg)  |
| Lazada | Location: SingaporeSort By: Best Match [does not have option for most recent] | Lazada, Singapore | [lazada.sg](https://www.lazada.sg/)  |
| Locanto | Singapore | Yalwa, Wiesbaden, Germany | [singapore.locanto.sg](https://singapore.locanto.sg/)  |
| Qoo10 | Country of Origin: ALLShipping from: SingaporeTo: SingaporeSort by: Newly Listed | Qoo10, Singapore | [qoo10.sg](https://www.qoo10.sg/)  |
| Shopee | Shipped from: DomesticSort by: Latest | Shopee, Singapore | [shopee.sg](https://shopee.sg/)  |

Supplementary Table 2 Description of variables for data capture.

|  |  |
| --- | --- |
| Variable | Description |
| item\_id | Unique item identifier generated in this format: pp-mmdd-ss-x; pp = site, mmdd = date of data extracted, ss = search term, x = serial number; e.g., ad-0604-cb-1 |
| date\_extracted | Date of data capture; format = DD/MM/YYYY |
| site | adpost/ carousell/ ebaysg/ chutku/ lazada/ facebook/ locanto/ shopee/ qoo10/ gumtree |
| search\_term | Available upon request to author |
| title | Title of listing |
| price\_lowerlimit | Price listed; lower limit of the price listed if price is listed in a range; unit = SGD |
| price\_upperlimit | Upper limit of the price listed; only filled if price listed is in a range; unit = SGD |
| item\_type | Manual categorisation; choose from drop-down list:**bird cage or accessories** =whole bird cage with ivory component, bird cage ornament or part, bird cage cup or bowl, etc.**jewellery** =necklace, pendant, medallion, bangle, bracelet made with or containing ivory, etc.; excludes netsuke**sculpture/figurine** = object for display or collection, may or may not be self-standing, typically carved, can be intricate or ornate**netsuke** = specific to object found under search term 'netsuke'**loose beads** = loose beads**musical instrument** = piano, guitar, violin, etc. with ivory component**furniture** = bed frame, table, chair, cabinetry, screen/divider, mirror, lamp, etc. with ivory component**kitchenware** = cutlery, crockery, teapot, kitchen tools etc.**stamp/seal** = stamp or seal**dagger** = dagger, knife, sword, etc., with ivory handle or ivory component**stationery** =pen, etc.**comb** =comb**raw ivory** =whole tusks or fragments of it, may or may not be polished**others** =all others  |
| schreger\_line | Y/N/Uncertain; Y or N indicated if images show shreger lines with certainty; any doubt = indicate as Uncertain |
| username | Username / store name that the listing belongs to |
| date\_posted | Date that the listing was posted, if indicated; format = DD/MM/YYYY |
| age\_posted | When no date is available but there is a description or indication of the age of a particular listing, e.g., "A month ago", "More than a year ago", etc. |
| url | URL link to the webpage showing the product listing  |
| image\_file | Y/N to indicate if image files are downloaded and available offline by web scraper |
| description | Description of product (only included for the 5 sites which have scripts for automated data extraction) |
| textual\_assessment | [for listings after 1 Sep 2021 effective date of domestic ivory ban only] Manual categorisation; choose from dropdown list:**explicitly ivory** = if “elephant ivory”, “ivory”, the elephant emoji or equivalent is explicitly specified in the title or description**implied ivory** = if terms like “real”, “authentic”, “genuine” or equivalent is specified in the title or description to imply elephant ivory**not ivory** = if a non-ivory material is explicitly specified in the title or description, e.g., cow bone, ox bone, mammoth, resin, ivory nut, fake ivory, not ivory etc.**neutra**l = if there is no mention of material in the title or description |