Table \$1 | Ecoset categories

| . 1                | 4             | 1.0                     | 4                 | ECI                 | // <b>C</b> •      |
|--------------------|---------------|-------------------------|-------------------|---------------------|--------------------|
| category index 001 | category name | word frequency<br>94133 | concreteness 4.79 | FCI<br>0.979000     | # of images $4620$ |
| 001                | man           |                         |                   | 0.979000            |                    |
| 002                | house         | 26214                   | 5.00              |                     | 4905<br>4988       |
| 003                | car           | 24636<br>22166          | 4.89<br>4.46      | 0.619857 $0.563738$ | 4988               |
| 005                | woman         | 13756                   | 4.40              | 0.559067            | 4090               |
| 006                | phone         |                         |                   |                     | 4821               |
| 007                | bed           | 9543<br>10873           | 5.00<br>4.83      | 0.550689 $0.540753$ | 4862               |
| 007                | gun<br>book   | 9026                    | 4.83              |                     | 4802               |
|                    |               |                         |                   | 0.537943            |                    |
| 009                | dog<br>ball   | 9835                    | 4.85              | 0.537240            | 4904               |
| 010                |               | 5353                    | 5.00              | 0.528433            | 3640               |
| 011                | fire          | 10990                   | 4.68              | 0.526375            | 4957               |
| 012                | horse         | 4737                    | 5.00              | 0.525161            | 4997               |
| 013                | city          | 8624                    | 4.79              | 0.524808            | 1416               |
| 014                | fish          | 4258                    | 5.00              | 0.522617            | 1392               |
| 015                | child         | 8040                    | 4.78              | 0.520706            | 4391               |
| 016                | boat          | 4885                    | 4.93              | 0.518947            | 1464               |
| 017                | table         | 5387                    | 4.90              | 0.518614            | 4983               |
| 018                | tree          | 3315                    | 5.00              | 0.517608            | 2471               |
| 019                | clock         | 2990                    | 5.00              | 0.515882            | 4942               |
| 020                | bag           | 4796                    | 4.90              | 0.515475            | 4981               |
| 021                | camera        | 2907                    | 5.00              | 0.515441            | 4948               |
| 022                | cup           | 2634                    | 5.00              | 0.513991            | 4781               |
| 023                | ship          | 5043                    | 4.87              | 0.513787            | 4955               |
| 024                | kitchen       | 2974                    | 4.97              | 0.512797            | 1954               |
| 025                | key           | 4430                    | 4.89              | 0.512531            | 3713               |
| 026                | bird          | 2318                    | 5.00              | 0.512312            | 3325               |
| 027                | pig           | 1996                    | 5.00              | 0.510602            | 4304               |
| 028                | bus           | 3783                    | 4.90              | 0.510094            | 4053               |
| 029                | bridge        | 2331                    | 4.97              | 0.509381            | 4836               |
| 030                | pizza         | 1709                    | 5.00              | 0.509078            | 4870               |
| 031                | computer      | 3011                    | 4.93              | 0.508993            | 4591               |
| 032                | church        | 3553                    | 4.90              | 0.508872            | 4921               |
| 033                | doll          | 1263                    | 5.00              | 0.506709            | 3880               |
| 034                | bell          | 2006                    | 4.96              | 0.506655            | 4868               |
| 035                | stairs        | 1212                    | 5.00              | 0.506438            | 2081               |
| 036                | apple         | 1207                    | 5.00              | 0.506411            | 3542               |
| 037                | flower        | 1161                    | 5.00              | 0.506167            | 4550               |
| 038                | ring          | 4730                    | 4.81              | 0.506124            | 1792               |
| 039                | snake         | 1140                    | 5.00              | 0.506055            | 4906               |
| 040                | mountain      | 1805                    | 4.96              | 0.505587            | 4996               |
| 041                | road          | 5709                    | 4.75              | 0.505324            | 1597               |
| 042                | wall          | 3605                    | 4.86              | 0.505148            | 4837               |
| 043                | tiger         | 945                     | 5.00              | 0.505019            | 4887               |
| 044                | toilet        | 1474                    | 4.97              | 0.504829            | 3733               |
| 045                | train         | 4848                    | 4.79              | 0.504751            | 4768               |
| 046                | bottle        | 2588                    | 4.91              | 0.504747            | 4510               |
| 047                | turtle        | 869                     | 5.00              | 0.504616            | 4933               |
| 048                | cookie        | 852                     | 5.00              | 0.504526            | 950                |
| 049                | egg           | 1328                    | 4.97              | 0.504054            | 3781               |
| 050                | river         | 2829                    | 4.89              | 0.504027            | 2532               |
| 051                | cat           | 3383                    | 4.86              | 0.503969            | 4985               |
| 052                | truck         | 3716                    | 4.84              | 0.503738            | 4976               |
| 053                | basket        | 672                     | 5.00              | 0.503569            | 3490               |
| 054                | bear          | 2928                    | 4.88              | 0.503552            | 3670               |
| 055                | moon          | 2548                    | 4.90              | 0.503534            | 853                |
| 056                | milk          | 2169                    | 4.92              | 0.503521            | 2586               |
| 057                | blanket       | 662                     | 5.00              | 0.503516            | 1806               |
| 058                | lemon         | 613                     | 5.00              | 0.503256            | 2656               |

|                |                     | Continuation of | Table        |                     |               |
|----------------|---------------------|-----------------|--------------|---------------------|---------------|
| category index | category name       | word frequency  | concreteness | FCI                 | # of images   |
| 059            | frog                | 603             | 5.00         | 0.503203            | 3597          |
| 060            | pillow              | 581             | 5.00         | 0.503086            | 1988          |
| 061            | elephant            | 580             | 5.00         | 0.503081            | 4869          |
| 062            | cow                 | 1301            | 4.96         | 0.502910            | 4834          |
| 063            | banana              | 547             | 5.00         | 0.502905            | 3656          |
| 064            | goat                | 537             | 5.00         | 0.502852            | 4782          |
| 065            | knife               | 2387            | 4.90         | 0.502679            | 4737          |
| 066            | ladder              | 472             | 5.00         | 0.502507            | 865           |
| 067            | popcorn             | 465             | 5.00         | 0.502470            | 2136          |
| 068            | refrigerator        | 427             | 5.00         | 0.502268            | 3476          |
| 069            | jar                 | 424             | 5.00         | 0.502252            | 3026          |
| 070            | jail                | 3602            | 4.83         | 0.502133            | 2199          |
| 071            | hamburger           | 397             | 5.00         | 0.502109            | 3693          |
| 072            | toast               | 1707            | 4.93         | 0.502067            | 1907          |
| 073            | umbrella            | 382             | 5.00         | 0.502029            | 1955          |
| 074            | bean                | 349             | 5.00         | 0.501854            | 4741          |
| 075            | castle              | 1099            | 4.96         | 0.501837            | 1379          |
| 076            | flashlight          | 302             | 5.00         | 0.501604            | 3807          |
| 077            | tomato              | 301             | 5.00         | 0.501599            | 4800          |
| 078            | strawberry          | 282             | 5.00         | 0.501498            | 2405          |
| 079            | leopard             | 276             | 5.00         | 0.501466            | 4290          |
| 080            | donkey              | 273             | 5.00         | 0.501450            | 3350          |
| 081            | axe                 | 249             | 5.00         | 0.501323            | 4381          |
| 082            | mailbox             | 212             | 5.00         | 0.501126            | 2892          |
| 083            | grape               | 204             | 5.00         | 0.501084            | 4845          |
| 084            | vase                | 196             | 5.00         | 0.501041            | 2799          |
| 085            | carrot              | 195             | 5.00         | 0.501036            | 2316          |
| 086            | tractor             | 190             | 5.00         | 0.501009            | 2452          |
| 087            | cupcake             | 167             | 5.00         | 0.500887            | 1070          |
| 088            | fern                | 163             | 5.00         | 0.500866            | 4941          |
| 089            | bagel               | 156             | 5.00         | 0.500829            | 1832          |
| 090            | telescope           | 150             | 5.00         | 0.500797            | 4516          |
| 091            | cactus              | 148             | 5.00         | 0.500786            | 4571          |
| 092            | tent                | 892             | 4.96         | 0.500738            | 4858          |
| 093            | microscope          | 129             | 5.00         | 0.500685            | 4390          |
| 094            | kite                | 117             | 5.00         | 0.500621            | 1272          |
| 095            | lantern             | 103             | 5.00         | 0.500547            | 2010          |
| 096            | octopus             | 99              | 5.00         | 0.500526            | 1054          |
| 097            | lamp                | 657             | 4.97         | 0.500490            | 3300          |
| 098            | blender             | 85              | 5.00         | 0.500451            | 1295          |
| 099            | burrito             | 84              | 5.00         | 0.500446            | 2256          |
| 100            | mango<br>binoculars | 84              | 5.00         | 0.500446            | 1874          |
| 101<br>102     |                     | 80              | 5.00         | 0.500425            | 1704          |
|                | steak               | 828             | 4.96<br>5.00 | 0.500398            | 2257          |
| 103<br>104     | gravel              | 73<br>66        | 5.00         | 0.500388 $0.500351$ | $1456 \\ 746$ |
| 104            | escalator<br>walrus | 57              | 5.00         |                     | 746<br>1179   |
| 105            | horseshoe           | 52              | 5.00         | 0.500303 $0.500276$ | 1355          |
| 106            | antelope            | 50              | 5.00         | 0.500276            | 1355<br>4428  |
| 107            | tongs               | 40              | 5.00         | 0.500200 $0.500212$ | 2123          |
| 108            | porcupine           | 33              | 5.00         | 0.500212 $0.500175$ | 1646          |
| 110            | camcorder           | 32              | 5.00         | 0.500173            | 1312          |
| 110            | mousetrap           | 30              | 5.00         | 0.500170 $0.500159$ | 843           |
| 111            | lion                | 783             | 4.96         | 0.500159            | 4644          |
| 113            | cauliflower         | 28              | 5.00         | 0.500139 $0.500149$ | 2395          |
| 113            | shower              | 2097            | 4.89         | 0.500149 $0.500138$ | 2393<br>1877  |
| 115            | hotdog              | 2097            | 5.00         | 0.500138 $0.500106$ | 3407          |
| 116            | warthog             | 16              | 5.00         | 0.500100            | 1622          |
| 117            | thimble             | 14              | 5.00         | 0.500085 $0.500074$ | 1052          |
| 111            | minnie              | 1.4             | 9.00         | 0.000014            | 1004          |

|                |                        | Continuation of | Table        |                     |              |
|----------------|------------------------|-----------------|--------------|---------------------|--------------|
| category index | category name          | word frequency  | concreteness | FCI                 | # of images  |
| 118            | guardrail              | 14              | 5.00         | 0.500074            | 1012         |
| 119            | dustpan                | 13              | 5.00         | 0.500069            | 1293         |
| 120            | crawfish               | 13              | 5.00         | 0.500069            | 1881         |
| 121            | eyedropper             | 7               | 5.00         | 0.500037            | 932          |
| 122            | nectarine              | 3               | 5.00         | 0.500016            | 1574         |
| 123            | flyswatter             | 2               | 5.00         | 0.500011            | 979          |
| 124            | lollypop               | 2               | 5.00         | 0.500011            | 919          |
| 125            | lightbulb              | 0               | 5.00         | 0.500000            | 2071         |
| 126            | corn                   | 725             | 4.96         | 0.499851            | 4212         |
| 127            | cave                   | 713             | 4.96         | 0.499787            | 4537         |
| 128            | pie                    | 1466            | 4.92         | 0.499787            | 900          |
| 129            | spider                 | 515             | 4.97         | 0.499735            | 4934         |
| 130            | bread                  | 1445            | 4.92         | 0.499675            | 4802         |
| 131            | motorcycle             | 455             | 4.97         | 0.499417            | 3890         |
| 132            | monkey                 | 1709            | 4.90         | 0.499078            | 4664         |
| 133            | whale                  | 574             | 4.96         | 0.499049            | 4895         |
| 134            | airplane               | 557             | 4.96         | 0.498959            | 4965         |
| 135            | shovel                 | 349             | 4.97         | 0.498854            | 3087         |
| 136            | bucket                 | 511             | 4.96         | 0.498714            | 2308         |
| 137            | rabbit                 | 1068            | 4.93         | 0.498673            | 2958         |
| 138            | necklace               | 497             | 4.96         | 0.498640            | 2386         |
| 139            | moose                  | 282             | 4.97         | 0.498498            | 1688         |
| 140            | glass                  | 3096            | 4.82         | 0.498445            | 4841         |
| 141            | drum                   | 432             | 4.96         | 0.498295            | 4921         |
| 142            | mop                    | 211             | 4.97         | 0.498121            | 2698         |
| 143            | bracelet               | 398             | 4.96         | 0.498114            | 3404         |
| 144            | spoon                  | 388             | 4.96         | 0.498061            | 3095         |
| 145            | stove                  | 387             | 4.96         | 0.498056            | 4722         |
| 146            | lettuce                | 173             | 4.97         | 0.497919            | 4551         |
| 147            | ashtray                | 166             | 4.97         | 0.497882            | 1367         |
| 148            | lake                   | 1836            | 4.88         | 0.497752            | 1435         |
| 149            | noodles                | 309             | 4.96         | 0.497641            | 3890         |
| 150            | walnut                 | 100             | 4.97         | 0.497531            | 1512         |
| 151            | pastry                 | 98              | 4.97         | 0.497521            | 2348         |
| 152            | ferret                 | 83              | 4.97         | 0.497441            | 1929         |
| 153            | fig                    | 62              | 4.97         | 0.497329            | 1991         |
| 154            | eggplant               | 56              | 4.97         | 0.497297            | 1971         |
| 155            | violin                 | 242             | 4.96         | 0.497285            | 4690         |
| 156            | chipmunk               | 42              | 4.97         | 0.497223            | 2813         |
| 157            | milkshake              | 42              | 4.97         | 0.497223            | 901          |
| 158            | blackberry             | 38              | 4.97         | 0.497202            | 1397         |
| 159            | sushi                  | 222             | 4.96         | 0.497179            | 1744         |
| 160            | apricot                | 32              | 4.97         | 0.497170            | 1666         |
| 161            | drawers                | 218             | 4.96         | 0.497158            | 4411         |
| 162            | doughnut               | 215             | 4.96         | 0.497142            | 1658         |
| 163            | lawnmower              | 24              | 4.97         | 0.497127            | 4465         |
| 164<br>165     | snowplow<br>chalkboard | 20<br>12        | 4.97         | 0.497106            | 1092         |
| 166            | backpack               | 186             | 4.97<br>4.96 | 0.497064 $0.496988$ | 1931<br>2622 |
| 167            | alligator              | 178             | 4.96         | 0.496988 $0.496945$ | 3190         |
| 168            | cockroach              | 174             | 4.96         | 0.496945 $0.496924$ | 3190         |
| 169            | lime                   | 168             | 4.96         | 0.496924 $0.496892$ | 1681         |
| 170            | lighthouse             | 157             | 4.96         | 0.496892            | 2693         |
| 170            | dolphin                | 141             | 4.96         | 0.496834 $0.496749$ | 4853         |
| 171            | piano                  | 1268            | 4.90         | 0.496749            | 4825         |
| 173            | earring                | 138             | 4.90         | 0.496733 $0.496733$ | 2561         |
| 173            | chicken                | 3148            | 4.90         | 0.496733            | 4825         |
| 175            | blueberry              | 131             | 4.96         | 0.496721 $0.496696$ | 3318         |
| 176            | grapefruit             | 126             | 4.96         | 0.496669            | 1544         |
| 110            | graperrun              | 120             | 4.00         | 0.40000             | 1044         |

|                |                 | Continuation of | Table        |                        |              |
|----------------|-----------------|-----------------|--------------|------------------------|--------------|
| category index | category name   | word frequency  | concreteness | FCI                    | # of images  |
| 177            | thermometer     | 112             | 4.96         | 0.496595               | 3814         |
| 178            | cranberry       | 99              | 4.96         | 0.496526               | 2724         |
| 179            | iceberg         | 92              | 4.96         | 0.496489               | 1165         |
| 180            | wasp            | 73              | 4.96         | 0.496388               | 3671         |
| 181            | tweezers        | 52              | 4.96         | 0.496276               | 1339         |
| 182            | asparagus       | 50              | 4.96         | 0.496266               | 2430         |
| 183            | croissant       | 45              | 4.96         | 0.496239               | 1602         |
| 184            | teapot          | 44              | 4.96         | 0.496234               | 2164         |
| 185            | needle          | 608             | 4.93         | 0.496229               | 1854         |
| 186            | acorn           | 37              | 4.96         | 0.496197               | 1258         |
| 187            | bumblebee       | 33              | 4.96         | 0.496175               | 1727         |
| 188            | anvil           | 32              | 4.96         | 0.496170               | 971          |
| 189            | seashell        | 16              | 4.96         | 0.496085               | 4887         |
| 190            | birdhouse       | 13              | 4.96         | 0.496069               | 1691         |
| 191            | thyme           | 10              | 4.96         | 0.496053               | 4256         |
| 192            | thumbtack       | 9               | 4.96         | 0.496048               | 1107         |
| 193            | saltshaker      | 6               | 4.96         | 0.496032               | 1466         |
| 194            | paperclip       | 2               | 4.96         | 0.496011               | 1209         |
| 195            | matchstick      | 1               | 4.96         | 0.496005               | 897          |
| 196            | envelope        | 513             | 4.93         | 0.495725               | 3787         |
| 197            | pineapple       | 130             | 4.94         | 0.494691               | 2079         |
| 198            | wheelchair      | 316             | 4.93         | 0.494678               | 2417         |
| 199            | butterfly       | 281             | 4.93         | 0.494493               | 4978         |
| 200            | camel           | 256             | 4.93         | 0.494360               | 4588         |
| 201            | balloon         | 442             | 4.92         | 0.494348               | 3606         |
| 202            | beach           | 2888            | 4.79         | 0.494340               | 2583         |
| 203            | guitar          | 795             | 4.90         | 0.494223               | 4853         |
| 204            | crate           | 209             | 4.93         | 0.494110               | 1187         |
| 205            | wrench          | 202             | 4.93         | 0.494073               | 3080         |
| 206            | eggroll         | 1               | 4.94         | 0.494005               | 1318         |
| 207            | taco            | 158             | 4.93         | 0.493839               | 1183         |
| 208            | rat             | 1663            | 4.85         | 0.493833               | 3956         |
| 209            | meatball        | 132             | 4.93         | 0.493701               | 2795         |
| 210            | emerald         | 131             | 4.93         | 0.493696               | 1386         |
| 211            | omelet          | 121             | 4.93         | 0.493643               | 2878         |
| 212            | sheep           | 685             | 4.90         | 0.493638               | 4807         |
| 213            | jukebox         | 116             | 4.93         | 0.493616               | 1289         |
| 214            | desert          | 1427            | 4.86         | 0.493580               | 720          |
| 215            | raspberry       | 96              | 4.93         | 0.493510               | 3568         |
| 216            | snail           | 90              | 4.93         | 0.493478               | 4763         |
| 217            | pistachio       | 77              | 4.93         | 0.493409               | 1443         |
| 218            | groundhog       | 76              | 4.93         | 0.493404               | 3521         |
| 219            | videotape       | 264             | 4.92         | 0.493402               | 868          |
| 220            | jellyfish       | 74              | 4.93         | 0.493393               | 2674         |
| 221            | carousel        | 73              | 4.93         | 0.493388               | 2049         |
| 222            | hippo           | 72              | 4.93         | 0.493382               | 2001         |
| 223            | pear            | 68              | 4.93         | 0.493361               | 3832         |
| 224            | bullet          | 1950            | 4.83         | 0.493358               | 1654         |
| 225            | pliers          | 59              | 4.93         | 0.493313               | 2990         |
| 226            | toothpick       | 52              | 4.93         | 0.493276               | 1142         |
| 227            | stagecoach      | 51              | 4.93         | 0.493271               | 1180         |
| 228            | hourglass       | 49              | 4.93         | 0.493260               | 1612         |
| 229            | coliseum        | 44              | 4.93         | 0.493234               | 2104         |
| 230            | blowtorch       | 43              | 4.93         | 0.493228               | 1288         |
| 231<br>232     | treadmill cake  | 42<br>2298      | 4.93         | 0.493223               | 2506         |
| 232            |                 |                 | 4.81         | 0.493206               | 3865         |
| 233            | bobcat<br>cumin | 20 16           | 4.93<br>4.93 | $0.493106 \\ 0.493085$ | 1571<br>1162 |
| 234            | hedgehog        | 15              | 4.93         | 0.493085 $0.493080$    | 1730         |
| 200            | пеаденод        | 10              | 4.50         | 0.439000               | 1190         |

|                |               | Continuation of | Table        |          |             |
|----------------|---------------|-----------------|--------------|----------|-------------|
| category index | category name | word frequency  | concreteness | FCI      | # of images |
| 236            | opossum       | 4               | 4.93         | 0.493021 | 2426        |
| 237            | pumpkin       | 553             | 4.90         | 0.492937 | 3535        |
| 238            | bowl          | 1094            | 4.87         | 0.492811 | 4230        |
| 239            | worm          | 516             | 4.90         | 0.492741 | 4550        |
| 240            | candy         | 1825            | 4.83         | 0.492694 | 4245        |
| 241            | clarinet      | 80              | 4.92         | 0.492425 | 2326        |
| 242            | peanut        | 630             | 4.89         | 0.492346 | 1656        |
| 243            | gondola       | 37              | 4.92         | 0.492197 | 1418        |
| 244            | padlock       | 35              | 4.92         | 0.492186 | 2539        |
| 245            | television    | 1729            | 4.83         | 0.492184 | 4796        |
| 246            | barnacle      | 32              | 4.92         | 0.492170 | 2376        |
| 247            | leek          | 15              | 4.92         | 0.492080 | 964         |
| 248            | cashew        | 11              | 4.92         | 0.492058 | 2063        |
| 249            | streetlamp    | 2               | 4.92         | 0.492011 | 1830        |
| 250            | razor         | 351             | 4.90         | 0.491864 | 3552        |
| 251            | peach         | 324             | 4.90         | 0.491721 | 2081        |
| 252            | pudding       | 314             | 4.90         | 0.491668 | 3726        |
| 253            | coin          | 497             | 4.89         | 0.491640 | 1377        |
| 254            | grasshopper   | 47              | 4.91         | 0.491250 | 4815        |
| 255            | pea           | 199             | 4.90         | 0.491057 | 4033        |
| 256            | toaster       | 198             | 4.90         | 0.491052 | 1566        |
| 257            | chalk         | 183             | 4.90         | 0.490972 | 858         |
| 258            | bee           | 528             | 4.88         | 0.490805 | 4848        |
| 259            | bicycle       | 337             | 4.89         | 0.490790 | 4945        |
| 260            | screwdriver   | 128             | 4.90         | 0.490680 | 1803        |
| 261            | pencil        | 503             | 4.88         | 0.490672 | 3492        |
| 262            | jaguar        | 121             | 4.90         | 0.490643 | 1545        |
| 263            | garlic        | 306             | 4.89         | 0.490625 | 1767        |
| 264            | rhino         | 106             | 4.90         | 0.490563 | 4615        |
| 265            | wheat         | 293             | 4.89         | 0.490556 | 1462        |
| 266            | waterfall     | 95              | 4.90         | 0.490505 | 1012        |
| 267            | squirrel      | 279             | 4.89         | 0.490482 | 4939        |
| 268            | bulldozer     | 66              | 4.90         | 0.490351 | 1996        |
| 269            | closet        | 1381            | 4.83         | 0.490335 | 2283        |
| 270            | broom         | 243             | 4.89         | 0.490291 | 3561        |
| 271            | starfish      | 38              | 4.90         | 0.490202 | 2019        |
| 272            | ladle         | 38              | 4.90         | 0.490202 | 2481        |
| 273            | scoreboard    | 31              | 4.90         | 0.490165 | 1652        |
| 274            | rice          | 769             | 4.86         | 0.490085 | 2906        |
| 275            | crouton       | 13              | 4.90         | 0.490069 | 971         |
| 276            | lasagna       | 183             | 4.89         | 0.489972 | 2352        |
| 277            | flea          | 169             | 4.89         | 0.489898 | 893         |
| 278            | towel         | 722             | 4.86         | 0.489835 | 4729        |
| 279            | bench         | 493             | 4.87         | 0.489619 | 4923        |
| 280            | hammock       | 71              | 4.89         | 0.489377 | 757         |
| 281            | windmill      | 65              | 4.89         | 0.489345 | 3637        |
| 282            | pan           | 627             | 4.86         | 0.489330 | 2966        |
| 283            | avocado       | 62              | 4.89         | 0.489329 | 2121        |
| 284            | guacamole     | 56              | 4.89         | 0.489297 | 1726        |
| 285            | cane          | 425             | 4.87         | 0.489257 | 2022        |
| 286            | sprinkler     | 47              | 4.89         | 0.489250 | 2132        |
| 287            | microphone    | 232             | 4.88         | 0.489232 | 4475        |
| 288            | outhouse      | 38              | 4.89         | 0.489202 | 1494        |
| 289            | anthill       | 29              | 4.89         | 0.489154 | 1030        |
| 290            | tortilla      | 16              | 4.89         | 0.489085 | 1493        |
| 291            | eggbeater     | 12              | 4.89         | 0.489064 | 1378        |
| 292            | hare          | 195             | 4.88         | 0.489036 | 3177        |
| 293            | breadbox      | 6               | 4.89         | 0.489032 | 1043        |
| 294            | nest          | 566             | 4.86         | 0.489006 | 701         |

|                |                      | Continuation of | Table        |                     |              |
|----------------|----------------------|-----------------|--------------|---------------------|--------------|
| category index | category name        | word frequency  | concreteness | FCI                 | # of images  |
| 295            | rifle                | 743             | 4.85         | 0.488947            | 4842         |
| 296            | skunk                | 166             | 4.88         | 0.488882            | 1810         |
| 297            | barrel               | 542             | 4.86         | 0.488879            | 4761         |
| 298            | typewriter           | 161             | 4.88         | 0.488855            | 4482         |
| 299            | bun                  | 147             | 4.88         | 0.488781            | 3991         |
| 300            | hay                  | 325             | 4.87         | 0.488726            | 2687         |
| 301            | mosquito             | 93              | 4.88         | 0.488494            | 3694         |
| 302            | coffin               | 461             | 4.86         | 0.488449            | 2078         |
| 303            | newspaper            | 1208            | 4.82         | 0.488416            | 4797         |
| 304            | condom               | 263             | 4.87         | 0.488397            | 702          |
| 305            | deer                 | 444             | 4.86         | 0.488358            | 4911         |
| 306            | mouse                | 975             | 4.83         | 0.488179            | 4515         |
| 307            | candle               | 409             | 4.86         | 0.488172            | 3296         |
| 308            | kumquat              | 24              | 4.88         | 0.488127            | 2201         |
| 309            | cymbals              | 24              | 4.88         | 0.488127            | 995          |
| 310            | mall                 | 964             | 4.83         | 0.488120            | 1478         |
| 311            | potato               | 576             | 4.85         | 0.488060            | 1211         |
| 312            | candelabra           | 6               | 4.88         | 0.488032            | 3342         |
| 313            | knot                 | 188             | 4.87         | 0.487999            | 3799         |
| 314            | lobster              | 374             | 4.86         | 0.487987            | 3966         |
| 315            | crib                 | 316             | 4.86         | 0.487678            | 2503         |
| 316            | broccoli             | 116             | 4.87         | 0.487616            | 2416         |
| 317            | fireworks            | 287             | 4.86         | 0.487524            | 1507         |
| 318            | ant                  | 273             | 4.86         | 0.487450            | 4857         |
| 319            | crowbar              | 66              | 4.87         | 0.487351            | 703          |
| 320            | thermostat           | 58              | 4.87         | 0.487308            | 934          |
| 321            | caterpillar          | 57              | 4.87         | 0.487303            | 4617         |
| 322            | papaya               | 56              | 4.87         | 0.487297            | 1075         |
| 323            | ceiling              | 426             | 4.85         | 0.487263            | 2274         |
| 324            | zucchini             | 49              | 4.87         | 0.48726             | 1453         |
| 325            | pecan                | 48              | 4.87         | 0.487255            | 1000         |
| 326            | wallet               | 1163            | 4.81         | 0.487177            | 2164         |
| 327            | radish               | 31              | 4.87         | 0.487165            | 2947         |
| 328            | onion                | 216             | 4.86         | 0.487147            | 3939         |
| 329            | crayon               | 21              | 4.87         | 0.487112            | 1572         |
| 330            | pancake              | 202             | 4.86         | 0.487073            | 1165         |
| 331            | canoe                | 182             | 4.86         | 0.486967            | 3873         |
| 332            | casket               | 162             | 4.86         | 0.486860            | 1820         |
| 333            | tunnel               | 912             | 4.82         | 0.486844            | 872          |
| 334            | scissors             | 341             | 4.85         | 0.486811            | 4815         |
| 335            | cork                 | 146             | 4.86         | 0.486775            | 1936         |
| 336            | tofu                 | 137             | 4.86         | 0.486728            | 1276         |
| 337            | zebra                | 128             | 4.86         | 0.486680            | 4449         |
| 338            | kangaroo             | 118             | 4.86         | 0.486627            | 4034         |
| 339            | hamster              | 109             | 4.86         | 0.486579            | 3071         |
| 340            | missile              | 670             | 4.83         | 0.486559            | 2593         |
| 341            | dishwasher           | 103             | 4.86         | 0.486547            | 1025         |
| 342            | bamboo               | 80              | 4.86         | 0.486425            | 2549         |
| 343            | altar                | 259             | 4.85         | 0.486376            | 3340         |
| 344            | otter                | 69              | 4.86         | 0.486367            | 4661         |
| 345            | nacho                | 67              | 4.86         | 0.486356            | 1267         |
| 346            | calculator           | 66              | 4.86         | 0.486351            | 4195         |
| 347            | fence                | 819             | 4.82         | 0.486350            | 4975         |
| 348            | rhubarb              | 55              | 4.86         | 0.486292            | 1974         |
| 349<br>350     | stethoscope          | 48              | 4.86         | 0.486255            | 1516         |
|                | library              | 1170            | 4.80         | 0.486215            | 3303         |
| 351<br>352     | tadpole<br>dollhouse | 30 22           | 4.86         | 0.486159            | 1432         |
| 353            | trashcan             | 19              | 4.86<br>4.86 | 0.486117 $0.486101$ | 1894<br>1607 |
| 555            | uasiicali            | 19              | 4.00         | 0.400101            | 1007         |

|                |               | Continuation of | Table        |                     |             |
|----------------|---------------|-----------------|--------------|---------------------|-------------|
| category index | category name | word frequency  | concreteness | FCI                 | # of images |
| 354            | guava         | 13              | 4.86         | 0.486069            | 2038        |
| 355            | pomegranate   | 13              | 4.86         | 0.486069            | 2657        |
| 356            | tamale        | 12              | 4.86         | 0.486064            | 1389        |
| 357            | anteater      | 11              | 4.86         | 0.486058            | 3981        |
| 358            | plum          | 174             | 4.85         | 0.485924            | 1486        |
| 359            | oyster        | 156             | 4.85         | 0.485829            | 2797        |
| 360            | cinnamon      | 152             | 4.85         | 0.485807            | 2086        |
| 361            | bandage       | 146             | 4.85         | 0.485775            | 3133        |
| 362            | elevator      | 1245            | 4.79         | 0.485613            | 1066        |
| 363            | mistletoe     | 98              | 4.85         | 0.485521            | 2274        |
| 364            | marshmallow   | 77              | 4.85         | 0.485409            | 1056        |
| 365            | custard       | 64              | 4.85         | 0.485340            | 3760        |
| 366            | wristwatch    | 59              | 4.85         | 0.485313            | 1660        |
| 367            | corkscrew     | 57              | 4.85         | 0.485303            | 1512        |
| 368            | kazoo         | 31              | 4.85         | 0.485165            | 904         |
| 369            | kebab         | 31              | 4.85         | 0.485165            | 1758        |
| 370            | granola       | 30              | 4.85         | 0.485159            | 948         |
| 371            | gargoyle      | 27              | 4.85         | 0.485143            | 1911        |
| 372            | scone         | 25              | 4.85         | 0.485133            | 1867        |
| 373            | mantis        | 23              | 4.85         | 0.485122            | 2641        |
| 374            | parsnip       | 4               | 4.85         | 0.485021            | 856         |
| 375            | curtain       | 525             | 4.82         | 0.484789            | 2418        |
| 376            | scorpion      | 136             | 4.84         | 0.484722            | 1300        |
| 377            | crown         | 698             | 4.81         | 0.484708            | 2206        |
| 378            | lemonade      | 281             | 4.83         | 0.484493            | 1505        |
| 379            | wolf          | 1034            | 4.79         | 0.484492            | 3966        |
| 380            | bugle         | 88              | 4.84         | 0.484467            | 4817        |
| 381            | graveyard     | 272             | 4.83         | 0.484445            | 2622        |
| 382            | tumbleweed    | 22              | 4.84         | 0.484117            | 1302        |
| 383            | plate         | 1308            | 4.77         | 0.483948            | 2173        |
| 384            | dragonfly     | 145             | 4.83         | 0.483770            | 2111        |
| 385            | flag          | 892             | 4.79         | 0.483738            | 1598        |
| 386            | crocodile     | 115             | 4.83         | 0.483611            | 3261        |
| 387            | mushroom      | 109             | 4.83         | 0.483579            | 4923        |
| 388            | beetle        | 105             | 4.83         | 0.483558            | 4961        |
| 389            | cucumber      | 101             | 4.83         | 0.483536            | 1741        |
| 390            | sloth         | 74              | 4.83         | 0.483393            | 2738        |
| 391            | dough         | 810             | 4.79         | 0.483302            | 2307        |
| 392            | sphinx        | 52              | 4.83         | 0.483276            | 1864        |
| 393            | canyon        | 418             | 4.81         | 0.483220            | 2102        |
| 394            | iguana        | 40              | 4.83         | 0.483212            | 3018        |
| 395            | chalice       | 32              | 4.83         | 0.483170            | 1524        |
| 396            | doormat       | 28              | 4.83         | 0.483149            | 1110        |
| 397            | hairpin       | 18              | 4.83         | 0.483096            | 2134        |
| 398            | aloe          | 15              | 4.83         | 0.483080            | 4531        |
| 399            | scaffolding   | 12              | 4.83         | 0.483064            | 1726        |
| 400            | platypus      | 3               | 4.83         | 0.483016            | 1022        |
| 401            | brownie       | 180             | 4.82         | 0.482956            | 825         |
| 402            | casino        | 1039            | 4.77         | 0.482519            | 1527        |
| 403            | shrimp        | 444             | 4.80         | 0.482358            | 3364        |
| 404            | grate         | 52              | 4.82         | 0.482276            | 2412        |
| 405            | loudspeaker   | 47              | 4.82         | 0.482250            | 4906        |
| 406            | tower         | 1165            | 4.76         | 0.482188            | 4899        |
| 407            | submarine     | 362             | 4.80         | 0.481923            | 2891        |
| 408            | rug           | 531             | 4.79         | 0.481820            | 4677        |
| 409            | ape           | 493             | 4.79         | 0.481619            | 2516        |
| 410            | banner        | 302             | 4.80         | 0.481604            | 1273        |
| 411            | syringe       | 99              | 4.81         | 0.481526            | 2228        |
| 412            | hanger        | 69              | 4.81         | 0.481320 $0.481367$ | 2212        |
| 712            | nanger        | 00              | 4.01         | 0.401001            | 2212        |

|                |                  | Continuation of | Table        |                     |              |
|----------------|------------------|-----------------|--------------|---------------------|--------------|
| category index | category name    | word frequency  | concreteness | FCI                 | # of images  |
| 413            | cannon           | 444             | 4.79         | 0.481358            | 3642         |
| 414            | kale             | 28              | 4.81         | 0.481149            | 2205         |
| 415            | pothole          | 25              | 4.81         | 0.481133            | 964          |
| 416            | chili            | 382             | 4.79         | 0.481029            | 2160         |
| 417            | waterspout       | 5               | 4.81         | 0.481027            | 890          |
| 418            | stadium          | 312             | 4.79         | 0.480657            | 3653         |
| 419            | spacecraft       | 115             | 4.80         | 0.480611            | 1597         |
| 420            | boar             | 111             | 4.80         | 0.480590            | 2068         |
| 421            | cheese           | 1991            | 4.70         | 0.480575            | 4826         |
| 422            | celery           | 95              | 4.80         | 0.480505            | 1215         |
| 423            | hammer           | 636             | 4.77         | 0.480378            | 3694         |
| 424            | matchbook        | 51              | 4.80         | 0.480271            | 1234         |
| 425            | coconut          | 234             | 4.79         | 0.480243            | 2438         |
| 426            | beet             | 14              | 4.80         | 0.480074            | 3154         |
| 427            | stegosaurus      | 5               | 4.80         | 0.480027            | 1010         |
| 428            | chocolate        | 1499            | 4.72         | 0.479962            | 3949         |
| 429            | muffin           | 297             | 4.78         | 0.479578            | 3628         |
| 430            | turnip           | 88              | 4.79         | 0.479467            | 2058         |
| 431            | wire             | 1403            | 4.72         | 0.479452            | 3476         |
| 432            | chandelier       | 72              | 4.79         | 0.479382            | 1968         |
| 433            | forklift         | 49              | 4.79         | 0.479260            | 1789         |
| 434            | fondue           | 47              | 4.79         | 0.479250            | 3425         |
| 435            | gazebo           | 46              | 4.79         | 0.479244            | 1864         |
| 436            | wheelbarrow      | 31              | 4.79         | 0.479165            | 1645         |
| 437            | melon            | 218             | 4.78         | 0.479158            | 4512         |
| 438            | earpiece         | 27              | 4.79         | 0.479143            | 2420         |
| 439            | paintbrush       | 27              | 4.79         | 0.479143            | 1300         |
| 440            | bib              | 25              | 4.79         | 0.479133            | 2013         |
| 441            | strongbox        | 16              | 4.79         | 0.479085            | 3333         |
| 442            | steamroller      | 12              | 4.79         | 0.479064            | 1310         |
| 443            | breadfruit       | 6               | 4.79         | 0.479032            | 1542         |
| 444            | dishrag          | 5               | 4.79         | 0.479027            | 1649         |
| 445            | anchor           | 378             | 4.77         | 0.479008            | 1945         |
| 446            | fountain         | 352             | 4.77         | 0.478870            | 2613         |
| 447            | parachute        | 162             | 4.78         | 0.478860            | 3052         |
| 448            | sink             | 863             | 4.74         | 0.478584            | 3101         |
| 449            | radiator         | 103             | 4.78         | 0.478547            | 2782         |
| 450            | burner           | 93              | 4.78         | 0.478494            | 2292         |
| 451            | llama            | 72              | 4.78         | 0.478382            | 4258         |
| 452            | playground       | 260             | 4.77         | 0.478381            | 3848         |
| 453            | okra             | 26              | 4.78         | 0.478138            | 2786         |
| 454            | gramophone       | 16              | 4.78         | 0.478085            | 2846         |
| 455            | burlap           | 11              | 4.78         | 0.478058            | 2451         |
| 456            | earwig           | 5               | 4.78         | 0.478027            | 2037         |
| 457            | calipers         | 1               | 4.78         | 0.478005            | 2896         |
| 458            | spinach          | 130             | 4.77         | 0.477691            | 1672         |
| 459            | couch            | 1197            | 4.71         | 0.477358            | 4592         |
| 460            | parsley          | 43              | 4.77         | 0.477228            | 2701         |
| 461            | koala            | 31              | 4.77         | 0.477165            | 2457         |
| 462            | bobsleigh        | 12              | 4.77         | 0.477064            | 1768         |
| 463            | highlighter      | 6               | 4.77         | 0.477032            | 1822         |
| 464            | silverfish       | 4               | 4.77         | 0.477021            | 1138         |
| 465            | greenhouse       | 112             | 4.76         | 0.476595            | 2400         |
| 466            | blimp            | 53              | 4.76         | 0.476282            | 2092         |
| 467            | tray             | 410             | 4.74         | 0.476178            | 1915         |
| 468            | mandolin         | 24              | 4.76         | 0.476127            | 2779         |
| 469            | spareribs        | 22              | 4.76         | 0.476117            | 2035         |
| 470<br>471     | gecko<br>volcano | 19<br>170       | 4.76<br>4.75 | 0.476101 $0.475903$ | 2238<br>1600 |
| 4/1            | voicano          | 110             | 4.70         | 0.479909            | 1000         |

|                |               | Continuation of | Table        |          |             |
|----------------|---------------|-----------------|--------------|----------|-------------|
| category index | category name | word frequency  | concreteness | FCI      | # of images |
| 472            | cabbage       | 148             | 4.75         | 0.475786 | 4473        |
| 473            | kettle        | 143             | 4.75         | 0.475760 | 2249        |
| 474            | antenna       | 122             | 4.75         | 0.475648 | 4809        |
| 475            | panda         | 108             | 4.75         | 0.475574 | 2015        |
| 476            | microchip     | 74              | 4.75         | 0.475393 | 3011        |
| 477            | toolbox       | 64              | 4.75         | 0.475340 | 1194        |
| 478            | weasel        | 250             | 4.74         | 0.475328 | 1465        |
| 479            | hairbrush     | 37              | 4.75         | 0.475197 | 1788        |
| 480            | squeegee      | 14              | 4.75         | 0.475074 | 866         |
| 481            | flashbulb     | 3               | 4.75         | 0.475016 | 1337        |
| 482            | pretzel       | 102             | 4.74         | 0.474542 | 2161        |
| 483            | sawmill       | 21              | 4.74         | 0.474112 | 1354        |
| 484            | joystick      | 15              | 4.74         | 0.474080 | 2388        |
| 485            | persimmon     | 4               | 4.74         | 0.474021 | 3484        |
| 486            | wand          | 157             | 4.73         | 0.473834 | 1373        |
| 487            | graffiti      | 103             | 4.73         | 0.473547 | 2019        |
| 488            | giraffe       | 76              | 4.73         | 0.473404 | 838         |
| 489            | chinchilla    | 27              | 4.72         | 0.472143 | 2365        |
| 490            | sundial       | 23              | 4.72         | 0.472122 | 1947        |
| 491            | beaker        | 22              | 4.72         | 0.472117 | 1500        |
| 492            | honeycomb     | 20              | 4.72         | 0.472106 | 1583        |
| 493            | fishnet       | 11              | 4.72         | 0.472058 | 938         |
| 494            | odometer      | 11              | 4.72         | 0.472058 | 1932        |
| 495            | scallion      | 8               | 4.72         | 0.472042 | 1441        |
| 496            | chess         | 380             | 4.70         | 0.472018 | 4018        |
| 497            | photocopier   | 2               | 4.72         | 0.472011 | 3268        |
| 498            | chair         | 2511            | 4.58         | 0.471338 | 4901        |
| 499            | locker        | 815             | 4.67         | 0.471329 | 1150        |
| 500            | newsstand     | 53              | 4.71         | 0.471282 | 1204        |
| 501            | reef          | 204             | 4.70         | 0.471084 | 3453        |
| 502            | cheetah       | 117             | 4.70         | 0.470621 | 2047        |
| 503            | salsa         | 109             | 4.70         | 0.470579 | 1103        |
| 504            | auditorium    | 80              | 4.70         | 0.470425 | 2610        |
| 505            | extinguisher  | 78              | 4.70         | 0.470414 | 1364        |
| 506            | battery       | 633             | 4.67         | 0.470362 | 3227        |
| 507            | dildo         | 68              | 4.70         | 0.470361 | 723         |
| 508            | chestnut      | 65              | 4.70         | 0.470345 | 3170        |
| 509            | manhole       | 38              | 4.70         | 0.470202 | 2923        |
| 510            | gooseberry    | 14              | 4.70         | 0.470074 | 1267        |
| 511            | salamander    | 8               | 4.70         | 0.470042 | 4195        |
| 512            | spearmint     | 6               | 4.70         | 0.470032 | 1409        |
| 513            | hotplate      | 5               | 4.70         | 0.470027 | 864         |
| 514            | moth          | 116             | 4.69         | 0.469616 | 4920        |
| 515            | lizard        | 247             | 4.68         | 0.469312 | 4936        |
| 516            | beaver        | 246             | 4.68         | 0.469307 | 2367        |
| 517            | nutmeg        | 36              | 4.69         | 0.469191 | 1360        |
| 518            | cannabis      | 23              | 4.69         | 0.469122 | 1181        |
| 519            | cogwheel      | 2               | 4.69         | 0.469011 | 1219        |
| 520            | bolt          | 351             | 4.67         | 0.468864 | 2443        |
| 521            | hut           | 674             | 4.65         | 0.468580 | 4732        |
| 522            | robot         | 621             | 4.65         | 0.468299 | 3519        |
| 523            | shield        | 418             | 4.66         | 0.468220 | 1933        |
| 524            | chameleon     | 37              | 4.68         | 0.468197 | 3301        |
| 525            | defibrillator | 24              | 4.68         | 0.468127 | 845         |
| 526            | bison         | 17              | 4.68         | 0.46809  | 3621        |
| 527            | geyser        | 11              | 4.68         | 0.468058 | 2147        |
| 528            | raccoon       | 73              | 4.67         | 0.467388 | 3115        |
| 529            | coleslaw      | 63              | 4.67         | 0.467335 | 1847        |
| 530            | thermos       | 57              | 4.67         | 0.467303 | 1477        |

| Continuation of Table |               |                |              |          |             |  |
|-----------------------|---------------|----------------|--------------|----------|-------------|--|
| category index        | category name | word frequency | concreteness | FCI      | # of images |  |
| 531                   | macadamia     | 31             | 4.67         | 0.467165 | 812         |  |
| 532                   | compass       | 207            | 4.66         | 0.467100 | 2848        |  |
| 533                   | ruler         | 162            | 4.66         | 0.466860 | 1740        |  |
| 534                   | helicopter    | 806            | 4.62         | 0.466281 | 3081        |  |
| 535                   | manatee       | 10             | 4.66         | 0.466053 | 1645        |  |
| 536                   | pinwheel      | 7              | 4.66         | 0.466037 | 1820        |  |
| 537                   | cherry        | 693            | 4.62         | 0.465681 | 4362        |  |
| 538                   | pickle        | 235            | 4.64         | 0.465248 | 1357        |  |
| 539                   | projector     | 62             | 4.64         | 0.464329 | 4628        |  |
| 540                   | guillotine    | 42             | 4.64         | 0.464223 | 920         |  |
| 541                   | tapioca       | 31             | 4.64         | 0.464165 | 1167        |  |
| 542                   | birdcage      | 24             | 4.64         | 0.464127 | 1320        |  |
| 543                   | coffeepot     | 21             | 4.64         | 0.464112 | 3052        |  |
| 544                   | sharpener     | 17             | 4.64         | 0.464090 | 1589        |  |
| 545                   | baguette      | 14             | 4.64         | 0.464074 | 1440        |  |
| 546                   | gearshift     | 11             | 4.64         | 0.464058 | 1702        |  |
| 547                   | pier          | 334            | 4.62         | 0.463774 | 1576        |  |
| 548                   | drain         | 440            | 4.61         | 0.463337 | 1258        |  |
| 549                   | artichoke     | 28             | 4.63         | 0.463149 | 2371        |  |
| 550                   | oscilloscope  | 4              | 4.63         | 0.463021 | 1908        |  |
| 551                   | cube          | 152            | 4.62         | 0.462807 | 2400        |  |
| 552                   | stapler       | 44             | 4.62         | 0.462234 | 1737        |  |
| 553                   | bubble        | 408            | 4.60         | 0.462167 | 3882        |  |
| 554                   | ukulele       | 29             | 4.62         | 0.462154 | 1811        |  |
| 555                   | tyrannosaurus | 20             | 4.62         | 0.462106 | 1255        |  |
| 556                   | winterberry   | 1              | 4.62         | 0.462005 | 805         |  |
| 557                   | cauldron      | 24             | 4.61         | 0.461127 | 1028        |  |
| 558                   | cassette      | 93             | 4.60         | 0.460494 | 2583        |  |
| 559                   | meteorite     | 41             | 4.60         | 0.460218 | 990         |  |
| 560                   | urinal        | 39             | 4.60         | 0.460207 | 770         |  |
| 561                   | hazelnut      | 9              | 4.60         | 0.460048 | 907         |  |
| 562                   | rainbow       | 407            | 4.57         | 0.459162 | 2085        |  |
| 563                   | sieve         | 27             | 4.59         | 0.459143 | 1916        |  |
| 564                   | shredder      | 17             | 4.59         | 0.459090 | 1007        |  |
| 565                   | hovercraft    | 26             | 4.58         | 0.458138 | 1590        |  |