

# BIRDS IMPORTED INTO THE UNITED STATES IN 1970



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Fish and Wildlife Service

Bureau of Sport Fisheries and Wildlife, Spencer H. Smith, Director

#### BIRDS IMPORTED INTO THE UNITED STATES IN 1970

By

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#### ABSTRACT

Birds imported into the United States in 1970 are tabulated by species and the numbers are compared to those for 1968 and 1969. The accuracy of this report is believed to be substantially greater than for the previous years. The number of birds imported in 1970 increased by about 45 percent over 1969, but much of that increase results from more extensive declarations of domestic canaries. Importation of birds other than canaries increased by about 11 percent, with more than half of that increase accounted for by psittacine birds. More than 937,000 individuals of 745 species were imported in 1970.

This report tallies imported birds by the country of origin. Eleven nations account for over 95 percent of all birds imported. Approximately 73 percent of all birds imported are of wild origin, the others having been propagated in captivity.

A table of contents appears on pages 23, 24, and 25.

The address of the Bird and Mammal Laboratories is:

Bird and Mammal Laboratories National Museum of Natural History Washington, D. C. 20560 This report is the third in a series listing the numbers and species of birds imported into the United States. Like the earlier reports (Banks, 1970; Banks and Clapp, 1972), it is based on import declaration forms (United States BSFW Form 3-177) filed at ports of entry where wildlife shipments are presented for customs clearance. A more exhaustive study of the declaration forms for 1970, coupled with experience gained in preparing the 1968 and 1969 listings, has led to what we believe are more accurate identifications of the species imported, at least in the sense of allotting the sometimes confusing names on the forms to valid names of birds. This year, for the first time, imported birds are enumerated by the country of origin.

# Plan of the Report

The sequence of listings in this compilation follows Wetmore (1960) for orders and families with the exception that the Estrildidae have been separated from the Ploceidae. Within a family the arrangement of species usually follows that in the volumes of Peters' (1931-1970) "Check-list of Birds of the World."

Method of Analysis.--Dissatifisfaction with the many inadequacies in the names found on the declaration forms led us to analyze all names relative to the country from which the shipment originated and to the importer who made the shipment. Attention was also paid to the occasional invoices that accompanied the declarations because it appeared that names used on these invoices, even if incorrect, strongly influenced the names that subsequently appeared on the declarations. A notebook was compiled, from original and xerographic copies of forms, which listed totals by species names, by country, and by importer.

We soon confirmed that, as assumed in the initial import listing (Banks, 1970) common names were far more reliable than scientific ones. It also became evident that many importers not only did not know the scientific names, or any reasonable variant thereof, of the birds they were importing, but in fact very frequently had little idea of the specific identity of the birds. This was particularly true of many firms importing birds from Central and South America.

Very frequently, particularly in groups such as raptors, waterbirds, and toucans, a firm would use a particular scientific name which apparently served as a "catch-all" for species that might be described by a common name such as "Toucanet," "hawk," or "falcon." For example,

of 1,104 hawks and falcons imported from Colombia, 790 (72%) were identified, probably erroneously, as "hawk--Circus cyaneus" or "falcon-Falco jugger" or some variant of these names. The former is only a winter visitor to Colombia, and the latter is an Asian species.

It seems likely that a certain amount of transshipment of birds does occur, but in most instances in which we have rejected the identifications listed on the declaration forms, every other species listed on the form, whether mammal, reptile, or bird, could have come from the country of origin.

By combining a knowledge of the ranges of the species indicated on the declaration forms with our assessment of the importing firms' competence in identification, we believe we have managed to obtain a much more accurate appraisal of the species listings and to have increased substantially the accuracy of this report compared to the earlier ones. It is alarming to realize, however, that perhaps more than half of all birds imported are improperly identified on the import declarations. On a world-wide basis, for example, no fewer than 977 (42%) of the 2,335 hawks and falcons imported in 1970 were almost certainly misidentified or were impossible to identify from the names given on the import forms. Perhaps fewer than 10% were listed with adequate combinations of common and scientific names. A number of other major groups imported also contained a remarkably large proportion of individuals which were either erroneously identified or impossible to place to species on the basis of available information. Table 1 indicates some of the more critical groups.

Table 1. Minimum proportions of birds in selected families probably misidentified on 1970 import declaration forms.

| Family       | Number (and percentage) Impossible to Identify to Species | Number (and percentage) Whose Identity is Suspect on Geographic Grounds | Combined<br>Percentage |
|--------------|-----------------------------------------------------------|-------------------------------------------------------------------------|------------------------|
| Coerebidae   | 289 (47.1)                                                | 0 ( 0.0)                                                                | 47.1                   |
| Corvidae     | 48 (7.2)                                                  | 196 (29.6)                                                              | 36.8                   |
| Trochilidae  | 431 (35.1)                                                | 0 ( 0.0)                                                                | 35.1                   |
| Thraupidae   | 914 (28.3)                                                | 121 ( 3.7)                                                              | 32.0                   |
| Ramphastidae | 519 (18.8)                                                | 247 ( 9.0)                                                              | 27.8                   |
| Strigidae    | 59 (12.9)                                                 | 3 ( 1.0)                                                                | 13.9                   |
| Icteridae    | 32 (7.2)                                                  | 13 ( 2.9)                                                               | 10.1                   |

Common Names.--We have placed greater reliance in common names than in the previous two reports and continue to list a number of the more common vernacular synonyms in hopes that the report will be of wider utility to readers. Our examination of declaration forms by country of origin of the shipment revealed that many of the more commonly imported species, particularly estrildids and ploceids, are known by different names in different countries (cf. Bates and Busenbark, 1970; Hall and Moreau, 1970). For example Lonchura punctulata imported from India and Holland is usually called Spice Bird, while the same species from Malaysia and Thailand are usually known as Spotted Munia. Vidua chalybeata from Senegal is usually termed Combassou, whereas from Holland and Belgium it is frequently called Steel Finch.

We have attempted throughout to use as the main listing for a species either a name of very wide use in the trade or to adhere to usage in recent monographic works and field guides, many of which were listed by Banks and Clapp (1972). Sources that proved particularly helpful included two volumes by Bates and Busenbark (1969, 1970) which often offered clues to some of the more esoteric vernacular names used on the declaration forms. Other works that were useful included the field guides by Bruun and Singer (1970), Davis (1972), Land (1970), Lekagul (1968), Olrog (1959, 1968), and Slater (1971). Distributional

Although, as noted above, the incidence of correct or even plausible combinations of common and scientific name on the import forms is astonishingly low, we feel that the accuracy of the listings is reasonably adequate for most groups. We have calculated that approximately 98% of the individuals identified by common name are probably adequately identified to species in this report.

works consulted in addition to those listed in Banks and Clapp (1972) include Deignan (1963), Eisenmann (1955), Hall and Moreau (1970, MacFarlane and MacDonald (1966), Mackworth-Praed and Grant (1952-1955, 1962-1963, 1970), Monroe (1968), Snyder (1966), and Slud (1964).

Scientific Names.--Minor spelling errors in scientific names have been corrected without comment. Scientific names have been updated to modern usage in standard reference works; any changed or added common or scientific name has been indicated by enclosing it in brackets. The proper scientific name appears opposite the first common name. Indented below the proper scientific name are synonyms and other combinations used in conjunction with one or more of the common names listed.

This compilation is in no way to be regarded as a systematic treatment, and no combination in the columns headed "Scientific Name" is used as a proposal of a new name.

Numbers. -- The total number of a particular species imported from a given country is given opposite each species entry. If more than one country is involved, as is frequently the case, the total number imported is also listed. All such entries apply to the common and scientific name listed for the taxon. An asterisk beside the name of a country indicates that to the best of our knowledge the species is not native to the country of origin. Birds so marked could have been transshipped, held or raised in captivity, or merely misidentified.

Footnotes.—We have greatly reduced the number of footnotes from that  $\overline{\text{utilized}}$  in the preceding reports because in most instances it appears that the birds can be validly identified to the first scientific name listed. Most of the aberrant scientific names found in the 1970 declaration forms were the same as those listed in the preceding reports. We have retained a fair number of footnotes to point out potential sources of error in the various species listings.

### Changes in Number Imported from 1969 to 1970

Much of the large increase (290,620, about 45 percent) in the number of birds imported from 1969 to 1970 can be attributed to the increase in the number of domestic canaries reported on the forms. However, even if canary totals for the two years are omitted the figures (639,053 vs. 708,007) show an increase of 68,954, or about 11 percent. Over half of that is accounted for by the large increase in the numbers of Psittacidae imported (Table 2). Other families showing a higher level of importation in 1970 included the Estrildidae, Sturnidae, and Timaliidae, although probably only the latter much exceeded the normal yearly variation in numbers imported. Increases in the numbers of Sturnidae and Timaliidae imported were largely the result of increased importation of two species, the Hill Mynah, Gracula religiosa, and the Pekin Robin, Leiothrix lutea. Certain species of

Families making principal contribution to numerical totals - 1968-1970. Table 2.

| 48.05 + 19,681 1,190,997 29.09 + 231,138 361,464 13.52 + 37,161 297,059 3.68 - 1,012 106,075 3.08 + 5,869 73,628 42 + 2,410 6,810 .34 - 1,088 11,191 .29 - 231 7,632 .18 - 441 4,429 .07 - 110 1,725 .07 + 22 1,574 .07 + 148 1,257 .07 - 174 1,996 .06 - 26 2,479 .05 + 117 1,168 .05 + 117 1,168 .05 - 183 1,370 .05 + 12 1,816 .05 - 1,719 6,278 .03 - 1,719 6,278                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Ordinal<br>Rank in<br>1968, 1969,<br>and 1970 | Family            | Number<br>Reported<br>1970 | Percent<br>of Total<br>Reported<br>1970 | Numerical<br>Change<br>Since 1969 | Number<br>Reported<br>1968-1970 | Percent<br>of Total<br>Reported<br>1968-1970 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------|----------------------------|-----------------------------------------|-----------------------------------|---------------------------------|----------------------------------------------|
| 3         2         Fringillidae         272,804         29.09         + 231,138         361,464         17           2         3         Psittacidae         126,814         13.52         + 37,161         297,059         14           4         4         Ploceidae         3,563         3.68         - 1,012         106,075         5           5         5         Sturnidae         28,861         3.68         - 1,088         11,191         106,075         5         5           11         6         Timalidae         3,231         - 34         - 1,088         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1 1 1                                         | Estrildidae       | 450,635                    | 48.05                                   | + 19,681                          | 1,190,997                       | 56.74                                        |
| 2 3 Psittacidae 126,814 13.52 + 37,161 297,059 14 4 4 Ploceidae 34,563 3.68 - 1,012 106,075 5 5 Sturnidae 3,861 3.08 + 2,410 6,810 6 7 Thraupidae 3,231 .34 - 1,088 11,191 7 Ramphastidae 1,649 .18 - 140 5,944 10 10 Trochilidae 1,649 .18 - 140 3,944 10 10 Trochilidae 663 .07 - 110 1,725 11 Accipitridae 663 .07 + 22 11,725 12 Corvidae 663 .07 + 148 1,257 13 14 Coerebidae 614 .07 - 174 1,996 15 15 16 Anatidae 5.54 .06 - 26 2,479 16 16 Anatidae 5.34 .06 - 26 2,479 17 18 Strigidae 471 .05 + 117 1,168 18 20 Capitonidae 429 .05 - 183 1,370 18 20 Capitonidae 429 .05 - 183 1,370 18 20 Capitonidae 261 .03 - 1,719 6,278 18 22 Phasianidae 261 .03 - 1,719 6,278 18 22 Spheniscidae 260 .03 + 56 278 19 10 Trochilidae 620 .03 + 107 19 6,278 19 10 Trochilidae 620 .03 + 107 1074 10 Trochilidae 620 .03 + 107 1074 11 Trochilidae 620 .03 + 107 1074 11 Trochilidae 620 .03 + 107 1074 11 Trochilidae 620 .03 + 107 1074 12 Trochilidae 620 .03 + 107 1074 13 Trochilidae 620 .03 + 107 1074 14 Trochilidae 620 .03 + 107 1074 15 Trochilidae 620 .03 + 1074 1074 15 Trochilidae 620 .03 + 1074 1074 15 Trochilidae 620 .03 + 1077 1074 1074 15 Trochilidae 620 .03 + 1074 1074 1074 1074 1074 1074 1074 1074 | 3 3 2                                         | Fringillidae      | 272,804                    | 29.09                                   | + 231,138                         | 361,464                         | 17.22                                        |
| 4 4 Ploceidae 34,563 3.68 - 1,012 106,075 5 5 Sturnidae 28,861 3.08 + 5,869 73,628 3 11 6 Timalidae 3,231 .34 - 1,088 11,191 6,810 7 8 Ramphastidae 2,757 .29 - 231 7,632 7,632 10 10 Trochilidae 1,229 .13 - 441 4,429 11 11 Accipitridae 686 .07 - 110 11,725 11 Accipitridae 686 .07 - 110 11,725 11 11 Accipitridae 683 .07 + 148 1,574 11,725 12 Corvidae 614 .07 - 114 11,996 12 15 Dicaeidae 534 .06 + 210 909 12 15 Dicaeidae 534 .06 + 210 909 16 16 Anatidae 524 .06 + 210 17 11 1,168 11,370 11 11 11 11,168 11,370 11 11 11 11,168 11 11 11,168 11 11 11,168 11 11 11,168 11 11 11,168 11 11 11,168 11 11 11,168 11 11 11,168 11 11 11,168 11 11 11,168 11 11 11,168 11 11 11,168 11 11 11,168 11 11 11,168 11 11 11,168 11 11 11,168 11 11 11,168 11 11 11,168 11 11 11,168 11 11 11 11,168 11 11 11,168 11 11 11,168 11 11 11,168 11 11 11,168 11,168 11 11 11,168 11 11 11,168 11 11 11,168 11 11 11,168 11 11 11,168 11 11 11,168 11 11 11,168 11 11 11,168 11 11 11 11,168 11 11 11,168 11 11 11 11 11,168 11 11 11 11 11,168 11 11 11 11 11,168 11 11 11 11 11,168 11 11 11 11 11 11 11,168 11 11 11 11 11 11,168 11 11 11 11 11 11 11 11 11 11 11 11 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2 2 3                                         | Psittacidae       | 126,814                    | 13.52                                   | + 37,161                          | 297,059                         | 14.15                                        |
| 5         Sturnidae         28,861         3.08         +         3,869         73,628         3           6         7         Thraulidae         3,966         .42         +         2,410         6,810         11,191           6         7         Trampladae         2,523         .34         -         1,088         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191         11,191                                                                                                                                                                                                                                                                                                                                                                                                                       | 4 4 4                                         | Ploceidae         | 34,563                     | 3.68                                    | - 1,012                           | 106,075                         | 5.05                                         |
| 11 6   Timaliidae   3,966   .42   + 2,410   6,810     6 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 5 5 5                                         | Sturnidae         | 28,861                     | 3.08                                    | + 3,869                           | 73,628                          | 3.49                                         |
| 6 7 Thraupidae 3,231 .34 - 1,088 11,191 7 8 Ramphastidae 2,757 .29 - 231 7,632 9 9 Falconidae 1,649 .18 - 140 3,944 10 10 Trochilidae 1,229 .13 - 441 4,429 112 11 Accipitridae 686 .07 - 110 1,725 115 12 Corvidae 663 .07 + 148 1,257 115 13 Threskiornithidae 614 .07 + 148 1,257 115 14 Coerebidae 536 .06 + 210 999 15 15 16 Anatidae 524 .06 - 26 2,479 16 16 Anatidae 524 .06 - 26 2,479 17 Phoenicopteridae 471 .05 + 117 1,168 18 18 20 Capitonidae 446 .05 + 12 183 1,370 19 19 Icteridae 446 .05 + 12 1,816 18 20 Capitonidae 429 .05 - 9 1,074 21 21 Chloropseidae 261 .03 - 1,719 6,278 22 23 Spheniscidae 260 .03 + 56 2086,478 99                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 11 11 6                                       | Timaliidae        | 3,966                      | .42                                     | + 2,410                           | 6,810                           | .32                                          |
| 7 8 Ramphastidae 2,757 .29 - 231 7,632 9 9 Falconidae 1,649 .18 - 140 3,944 10 10 10 Trochilidae 1,229 .13 - 441 4,429 11 1725 11 10 10 Trochilidae 663 .07 - 110 1,725 1,574 17 13 Threskiornithidae 663 .07 + 148 1,257 1,257 12 15 Locacidae 614 .07 - 174 1,996 10 12 15 Locacidae 536 .06 + 210 909 10 10 10 10 10 10 10 10 10 10 10 10 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 7 6 7                                         | Thraupidae        | 3,231                      | .34                                     | - 1,088                           | 11,191                          | .53                                          |
| 9 Falconidae 1,649 .18 - 140 3,944 10 10 Trochilidae 1,229 .13 - 441 4,429 12 11 Accipitridae 686 .07 - 110 1,725 15 12 Corvidae 663 .07 + 22 1,574 17 13 Threskiornithidae 639 .07 + 174 1,996 17 14 Coeridae 536 .06 + 210 909 18 14 18 Strigidae 471 .05 + 117 1,168 19 19 Icteridae 429 .05 - 183 1,370 19 19 Capitonidae 429 .05 + 12 1,816 18 20 Capitonidae 420 .05 + 67 872 18 21 Chloropseidae 410 .05 + 67 872 18 22 Phasianidae 261 .03 - 1,719 6,278 19 19 Total 932,906 99.48 2,086,478 99                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 8 7 8                                         | Ramphastidae      | 2,757                      | . 29                                    | - 231                             | 7,632                           | . 36                                         |
| 10 10 Trochilidae 1,229 .13 - 441 4,429 12 11 Accipitridae 686 .07 - 110 1,725 15 12 Corvidae 663 .07 + 22 1,574 17 13 Threskiornithidae 639 .07 + 148 1,527 18 14 Coerebidae 614 .07 + 148 1,257 19 15 Dicaeidae 524 .06 - 26 2,479 16 16 Anatidae 524 .06 - 26 2,479 17 Phoenicopteridae 471 .05 + 117 1,168 18 18 Strigidae 458 .05 - 183 1,370 19 19 Icteridae 446 .05 + 12 1,816 19 19 Capitonidae 429 .05 - 9 1,074 21 21 Chloropseidae 420 .05 - 9 1,074 22 25 Spheniscidae 260 .03 - 1,719 6,278 26 23 Spheniscidae 260 .03 + 56 731 27 Total 932,906 99.48 2,086,478 99                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 14 9 9                                        | Falconidae        | 1,649                      | .18                                     | - 140                             | 3,944                           | .19                                          |
| 12   11   Accipitridae   686   .07   -   110   1,725     15   12   Corvidae   663   .07   +   22   1,574     17   13   Threskiornithidae   639   .07   +   148   1,257     17   13   14   Coerebidae   614   .07   -   174   1,996     18   19   Caeidae   524   .06   +   210   909     10   10   10   10   1   1,168     10   10   10   10   1   1,168     10   10   10   10   1   1,816     10   10   10   10   1   1,816     10   10   10   10   1   1,816     10   10   10   10   1   1,816     10   10   10   10   10     10   10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 9 10 10                                       | Trochilidae       | 1,229                      | .13                                     | - 441                             | 4,429                           | . 21                                         |
| S   Corvidae   663   .07   + 22   1,574     Threskiornithidae   639   .07   + 148   1,257     Threskiornithidae   639   .07   + 148   1,257     Coerebidae   614   .07   - 174   1,996     Localidae   524   .06   + 210   909     Matidae   524   .06   - 26   2,479     Matidae   471   .05   + 117   1,168     Strigidae   446   .05   + 12   1,816     Capitonidae   429   .05   - 183   1,370     Capitonidae   429   .05   - 9   1,074     Chloropseidae   410   .04   + 67   872     S   Phasianidae   260   .03   - 1,719   6,278     Chloropseidae   260   .03   + 56   731     Total   70tal   932,906   99.48   2,086,478   99                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 20 12 11                                      | Accipitridae      | 989                        | .07                                     | - 110                             | 1,725                           | .08                                          |
| 17 13 Threskiornithidae 639 .07 + 148 1,257 13 14 Coerebidae 614 .07 - 174 1,996 22 15 Dicaeidae 536 .06 + 210 909 24 15 Anatidae 524 .06 - 26 2,479 25 17 Phoenicopteridae 471 .05 + 117 1,168 25 18 Strigidae 458 .05 - 183 1,370 26 27 Spheniscidae 410 .05 - 9 1,074 27 Chloropseidae 429 .05 - 9 1,074 28 22 Phasianidae 260 .03 - 1,719 6,278 29 Spheniscidae 260 .03 + 56 731 20 Total 932,906 99.48 2,086,478 99                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 16 15 12                                      | Corvidae          | 663                        | .07                                     | + 22                              | 1,574                           | .07                                          |
| 13 14 Coerebidae 614 .07 - 174 1,996 22 15 Dicaeidae 536 .06 + 210 909 16 16 Anatidae 524 .06 - 26 2,479 20 17 Phoenicopteridae 471 .05 + 117 1,168 14 18 Strigidae 458 .05 - 183 1,370 19 19 Icteridae 446 .05 + 12 1,816 18 20 Capitonidae 429 .05 - 9 1,074 21 21 Chloropseidae 410 .04 + 67 872 26 23 Spheniscidae 260 .03 + 56 731  Total 932,906 99.48 2.086,478 99                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 26 17 13                                      | Threskiornithidae | 639                        | .07                                     | + 148                             | 1,257                           | 90.                                          |
| 22 15 Dicaeidae 536 .06 + 210 909 16 16 Anatidae 524 .06 - 26 2,479 20 17 Phoenicopteridae 471 .05 + 117 1,168 14 18 Strigidae 458 .05 - 183 1,370 19 19 Icteridae 446 .05 + 12 1,816 18 20 Capitonidae 429 .05 - 9 1,074 21 21 Chloropseidae 410 .04 + 67 872 8 22 Phasianidae 261 .03 - 1,719 6,278 26 23 Spheniscidae 260 .03 + 56 731  Total 932,906 99.48 2,086,478 99                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 13 13 14                                      | Coerebidae        | 614                        | .07                                     | - 174                             | 1,996                           | .10                                          |
| 16 16       Anatidae       524       .06       -       26       2,479         20 17       Phoenicopteridae       471       .05       +       117       1,168         14 18       Strigidae       458       .05       -       183       1,370         19 19       Icteridae       446       .05       +       12       1,816         18 20       Capitonidae       429       .05       -       9       1,074         21 21       Chloropseidae       410       .04       +       67       872         8 22       Phasianidae       261       .03       -       1,719       6,278         26 23       Spheniscidae       260       .03       +       56       731         Total       932,906       99.48       2,086,478       99                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 43 22 15                                      | Dicaeidae         | 536                        | 90.                                     | + 210                             | 606                             | .04                                          |
| 20 17       Phoenicopteridae       471       .05       + 117       1,168         14 18       Strigidae       458       .05       - 183       1,370         19 19       Icteridae       446       .05       + 12       1,816         18 20       Capitonidae       429       .05       - 9       1,074         21 21       Chloropseidae       410       .04       + 67       872         8 22       Phasianidae       261       .03       - 1,719       6,278         26 23       Spheniscidae       260       .03       + 56       731         Total         Total       932,906       99.48       2,086,478       99                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                               | Anatidae          | 524                        | 90°                                     | - 26                              | 2,479                           | .12                                          |
| 14 18 Strigidae       458       .05       - 183       1,370         19 19 Icteridae       446       .05       + 12       1,816         18 20 Capitonidae       429       .05       - 9       1,074         21 21 Chloropseidae       410       .04       + 67       872         8 22 Phasianidae       261       .03       - 1,719       6,278         26 23 Spheniscidae       260       .03       + 56       731         Total       932,906       99.48       2,086,478       99                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                               | Phoenicopteridae  | 471                        | .05                                     | + 117                             | 1,168                           | 90.                                          |
| 19 19 Icteridae 446 .05 + 12 1,816 18 20 Capitonidae 429 .05 - 9 1,074 21 21 Chloropseidae 410 .04 + 67 872 8 22 Phasianidae 261 .03 - 1,719 6,278 26 23 Spheniscidae 260 .03 + 56 731  Total 932,906 99.48 2,086,478 99                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                               | Strigidae         | 458                        | .05                                     | - 183                             | 1,370                           | .07                                          |
| 18 20 Capitonidae 429 .05 - 9 1,074 21 21 Chloropseidae 410 .04 + 67 872 8 22 Phasianidae 261 .03 - 1,719 6,278 26 23 Spheniscidae 260 .03 + 56 731  Total 932,906 99.48 2,086,478 99                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 19                                            | Icteridae         | 446                        | .05                                     | + 12                              | 1,816                           | 60.                                          |
| 21 Chloropseidae 410 .04 + 67 872 22 Phasianidae 261 .03 - 1,719 6,278 23 Spheniscidae 260 .03 + 56 731                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 23 18 20                                      | Capitonidae       | 429                        | .05                                     | 6                                 | 1,074                           | .05                                          |
| 22 Phasianidae 261 .03 - 1,719 6,278 23 Spheniscidae 260 .03 + 56 731                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 27 21 21                                      | Chloropseidae     | 410                        | .04                                     | + 67                              | 872                             | .04                                          |
| 23 Spheniscidae 260 .03 + 56 731                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 6 8 22                                        | Phasianidae       | 261                        | .03                                     | - 1,719                           | 6,278                           | .30                                          |
| 932,906 99.48 2,086,478                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 18 26 23                                      | Spheniscidae      | 260                        | .03                                     | + 26                              | 731                             | .03                                          |
| 932,906 99.48 2,086,478                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                               |                   |                            |                                         |                                   |                                 |                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               | Total             | 932,906                    | 99.48                                   |                                   | 2,086,478                       | 99.37                                        |

Table 3. Species of birds most frequently imported in 1970.

| Number (and<br>percentage) of<br>Total Imported<br>1968-1970 | 241,660 (11.51) 183,524 (8.74) 221,390 (10.55) 130,524 (6.22) 123,721 (5.89) 117,307 (5.89) 117,307 (5.89) 112,755 (5.37) 86,669 (4.13) 72,776 (3.47) 53,024 (2.52) 74,686 (3.66) 33,406 (1.59) 34,942 (1.66) 23,749 (1.13) 24,938 (1.19) 29,082 (1.66) 23,749 (1.13) 24,938 (1.19) 25,082 (1.66) 11,776 (85) 11,776 (85) 11,736 (83) 11,366 (83) 11,366 (83)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ر                            |
|--------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| Number (and percentage) of Total Imported 1970               | 229,931 (24.51) 71,789 (7.65) 64,157 (6.84) 55,112 (5.88) 54,094 (5.77) 53,397 (5.69) 46,216 (4.93) 45,279 (4.83) 33,610 (3.58) 27,987 (2.98) 27,987 (2.98) 27,987 (1.97) 14,246 (1.52) 13,372 (1.43) 11,923 (1.27) 10,951 (1.17) 8,345 (.65) 6,143 (.65) 6,143 (.65) 6,144 (.50) 4,704 (.50) 4,653 (.50) 4,653 (.50) 4,653 (.50)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ٠                            |
| Species                                                      | Domestic Canary, Serinus canarius Strawberry Finch, Amandava amandava Red-eared Waxbill, Estrilda troglodytes Cordon Bleu, Uraeginthus bengalus Cordon Bleu, Uraeginthus bengalus Cordon Bleu, Uraeginthus bengalus Corange-cheeked Waxbill, Estrilda melpoda Black-headed Nun, Lonchura malacca Green Singing Finch, Serinus mozambicus Hill Mynah, Gracula religiosa Halfmoon Conure, Aratinga canicularis Silverbill, Lonchura striata Quaker Conure, Myiopsitta monachus Pin-tailed Nonpareil, Erythrura prasina Zebra Finch, Poephila guttata Orange Bishop, Euplectes orix Golden-breasted Waxbill, Amandava subflava White-headed Nun, Lonchura maja Golden-breasted Waxbill, Amandava subflava White-headed Nun, Lonchura maja Cutthroat Finch, Amadina fesciata Napoleon Weaver, Euplectes afer Nanday Conure, Nandayus nenday Combassou, Vidua chalybeata Lavender Finch, Estrilda caerulescens Pin-tail Whydah, Vidua macroura African Fince Finch, Lagonosticta senegala | realm nouth, letotaire luted |
| Ordinal<br>Rank in<br>1968, 1969,<br>and 1970                | 23 18 1 4 2 2 2 1 1 1 3 3 7 4 4 2 2 2 2 2 2 2 2 2 2 3 7 5 6 5 6 5 6 10 9 10 111 111 111 111 111 111 111 111                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                              |

Table 3. (cont'd)

| Ordinal |                                               | Number (and                              | Number (and                                   |
|---------|-----------------------------------------------|------------------------------------------|-----------------------------------------------|
| _       | Species                                       | percentage) or<br>Total Imported<br>1970 | percentage) or<br>Total Imported<br>1968-1970 |
|         | Bee Bee, Brotogeris jugularis                 | 2.724 (.29)                              | 21.886 (1.04)                                 |
|         | Blue-fronted Amazon, Amazona aestiva          | 2,490 (.27)                              | 4,3106(.21)                                   |
|         | Green-cheeked Amazon, Amazona viridigenalis   | $\overline{}$                            | $3,068^{6}(.15)$                              |
|         | African Gray Parrot, Psittacus emithacus      | 1,896 (.20)                              |                                               |
|         | St. Helena Waxbill, Estrilda astrild          | 1,881 (.20)                              | ب.                                            |
|         | Yellow-headed Amazon, Amazona ochrocephala    | 1,865 (.20)                              | ٠                                             |
|         | Ringneck Parakeet, Psittacula krameri         | 1,685 (.18)                              |                                               |
|         | Blue-breasted Waxbill, Uraeginthus angolensis | 1,472 (.16)                              | 2,565 ( .12)                                  |
|         | Pope Cardinal, Paroaria dominicana            | 1,369 (.15)                              | 1,630 ( .08)                                  |
|         | Lady Gouldian Finch, Chloebia gouldiae        | 1,270 (.13)                              | 6,427 ( .31)                                  |
|         | Gold-crowned Conure, Aratinga aurea           | 1,196 (.13)                              | _                                             |
|         | European Goldfinch, Carduelis carduelis       | 1,144 (.12)                              | 2,606 ( .12)                                  |
|         | Maximillian's Parrot, Pionus maximiliani      | 1,142 (.12)                              | ٺ                                             |
|         | Saffron Finch, Sicalis flaveola               | 1,112 (.12)                              | ٺ                                             |
|         | Green Avadavat, Amandava formosa              | 1,104 (.12)                              | J                                             |
|         | Rainbow Bunting, Passerina leclancheri        | 1,004 (.11)                              | _                                             |
|         | Red-crested Cardinal, Paroaria coronata       | 1,002 (.11)                              | 2,798 (.13)                                   |
|         | Total                                         | 892,612 (95.17)                          | 1,936,179 (92.25)                             |

<sup>1</sup>The ordinal ranking for 1968 varies slightly from that presented in Banks (1970) due to methods of 2 analysis used in this report. This total is probably reasonably accurate. This total is inexact but is probably reasonably accurate. The three-year total includes birds listed on forms both as  $Vidua\ orientalis$  and  $V.\ paradisaea$ .

<sup>4</sup>Totals were less than 100 birds. Snot listed.

<sup>6</sup>The present analysis suggests that the 1968 totals for *Amazona aestiva*, A. viridigenalis, and A. ochrocephala were too low because of misinterpretation of names.

Table 4. Species of birds showing significant changes in numbers imported  $$1969\text{-}1970^{\scriptsize{1}}$$ 

| Species Showing<br>Greatest Increases                             | Number<br>Imported<br>1969 | Number<br>Imported<br>1970 | _ | merical<br>hange     | Inc | centage<br>crease<br>or<br>crease |
|-------------------------------------------------------------------|----------------------------|----------------------------|---|----------------------|-----|-----------------------------------|
| Anhinga<br>Anhinga anhinga                                        | 4                          | 239                        | + | 235                  | + 5 | 5,875                             |
| Canary Serinus canarius                                           | 8,265                      | 229,931                    | + | 221,666 <sup>2</sup> | + 2 | 2,682                             |
| Pope Cardinal Paroaria dominicana                                 | 57                         | 1,369                      | + | 1,312 <sup>2</sup>   | + 2 | 2,302                             |
| Black-chested Jay Cyanocorax affinis                              | 36                         | 234                        | + | 198 <sup>3</sup>     | +   | 550                               |
| Spotted Owlet Athene brama                                        | 38                         | 234                        | + | 1964                 | +   | 516                               |
| Chestnut-eared Aracari                                            | 96                         | 392                        | + | 296 <sup>3</sup>     | +   | 308                               |
| Pteroglossus castanotis Blue-breasted Waxbill                     | 371                        | 1,472                      | + | 1,1014               | +   | 297                               |
| Uraeginthus angolensis Nanday Conure                              | 1,513                      | 5,737                      | + | 4,224                | +   | 279                               |
| Nandayus nenday Golden-breasted Waxbill                           | 2,298                      | 8,345                      | + | 6,407                | +   | 262                               |
| Amandava subflava<br>Pekin Robin<br>Leiothrix lutea               | 971                        | 3,436                      | + | 2,465                | +   | 254                               |
| Scarlet-backed Flowerpecker                                       | 106                        | 365                        | + | 259                  | +   | 244                               |
| Dicaeum cruentatum African Gray Parrot                            | 558                        | 1,896                      | + | 1,338                | +   | 240                               |
| Psittacus erithacus "Hawk"                                        | 60                         | 192                        | + | 132 <sup>5</sup>     | +   | 220                               |
| "Circus cyaneus" Channel-billed Toucan                            | 222                        | 656                        | + | 434 <sup>3</sup>     | +   | 196                               |
| Ramphastos vitellinus St. Helena Waxbill                          | 680                        | 1,881                      | + | 1,2014               | +   | 177                               |
| Estrilda astrild Ringneck Parakeet                                | 726                        | 1,685                      | + | 959                  | +   | 132                               |
| Psittacula krameri Plush-crested Jay                              | 91                         | 209                        | + | 118 <sup>3</sup>     | +   | 130                               |
| Cyanocorax chrysops Halfmoon Conure                               | 12,287                     | 27,987                     | + | 15,700               | +   | 128                               |
| Aratinga canicularis Green Avadavat                               | 514                        | 1,104                      | + | 590 <sup>3</sup>     | +   | 115                               |
| Amandava formosa<br>Green-cheeked Amazon<br>Amazona viridigenalis | 1,006                      | 2,051                      | + | 1,045 <sup>3</sup>   | +   | 104                               |

Table 4. (cont'd)

| Species Showing<br>Greatest Increases     | Number<br>Imported<br>1969 | Number<br>Imported<br>1970 |   | merical<br>hange | Inc | entage<br>rease<br>or<br>rease |
|-------------------------------------------|----------------------------|----------------------------|---|------------------|-----|--------------------------------|
| European Goldfinch                        | 609                        | 1,144                      | + | 535              | +   | 88                             |
| Carduelis carduelis                       | 130                        | 244                        | + | 114 <sup>3</sup> |     | 88                             |
| Crimson-rumped Toucanet                   |                            | 244                        | • | 114              | •   | 00                             |
| Aulacorhynchus haematopygu                | .8<br>389                  | 726                        |   | 3375             |     | 87                             |
| Laggar Falcon                             | 389                        | 726                        | + | 337              | *   | 87                             |
| Falco jugger                              | 659                        | 1.196                      | + | 659              |     | 82                             |
| Golden-crowned Conure                     | 639                        | 1,190                      | • | 639              | •   | 02                             |
| Aratinga aurea                            | 42                         | 211                        | + | 160 <sup>3</sup> |     | 80                             |
| Silver-beaked Tanager                     | 42                         | 211                        | • | 160              | •   | 00                             |
| Ramphocelus carbo Pin-tailed Nonpareil    | 7,627                      | 13,372                     | + | 5,745            |     | 76                             |
|                                           | 7,027                      | 13,372                     | • | 3,743            | •   | 70                             |
| Erythrura prasina Golden-fronted Leafbird | 87                         | 151                        | + | 64               | 4   | 74                             |
| Chloropsis aurifrons                      | 07                         | 131                        | • | 04               | •   | 77                             |
| Rainbow Bunting                           | 585                        | 1,004                      | + | 535              |     | 72                             |
| Passerina leclancheri                     | 303                        | 1,004                      | • | 333              | •   | , 2                            |
| Ouaker Conure                             | 8,636                      | 14,246                     | + | 5,610            |     | 65                             |
| Myiopsitta monachus                       | ,,,,,                      | 14,240                     | • | 3,010            | •   | 05                             |
| Roseate Spoonbill                         | 145                        | 234                        | + | 89 <sup>4</sup>  | +   | 61                             |
| Ajaia ajaja                               | 143                        | 254                        | • | 0,5              | •   | 01                             |
| Society Finch                             | 11,717                     | 18,473                     | + | 6,756            | +   | 58                             |
| Lonchura striata                          | 11,717                     | 20,170                     | • | 0,.00            |     | •                              |
| Green Singing Finch                       | 21,800                     | 33,610                     | + | 11,810           | +   | 54                             |
| Serinus mozambicus                        | 21,000                     | 00,020                     |   |                  |     | •                              |
| Scarlet Ibis                              | 214                        | 328                        | + | 1144             | +   | 53                             |
| Eudocimus ruber                           |                            |                            |   |                  |     |                                |
| Red-cheeked Cordon Bleu                   | 36,110                     | 55,112                     | + | 19,002           | +   | 53                             |
| Uraeginthus bengalus                      | ,                          | •                          |   | •                |     |                                |
| Canary-winged Bee Bee                     | 37,150                     | 54,094                     | + | 16,944           | +   | 46                             |
| Brotogeris versicolurus                   | -                          | •                          |   |                  |     |                                |
| White-rumped Shama Thrush                 | 106                        | 149                        | + | 43               | +   | 40                             |
| Copsychus malabaricus                     |                            |                            |   |                  |     |                                |
|                                           |                            |                            |   |                  |     |                                |
| Species Showing Greatest Dec              | reases                     |                            |   |                  |     |                                |
|                                           |                            |                            |   | 4                |     |                                |
| Little Owl                                | 200                        | 0                          | - | 200 <sup>4</sup> | -   | 100                            |
| Athene noctua                             |                            |                            |   |                  |     |                                |
| Pheasants, Phasianidae                    | 1,600                      | 100                        | - | 1,500            | -   | 94                             |
| (=? Phasianus colchicus)                  |                            |                            |   |                  |     | _0                             |
| Toco Toucan                               | 163                        | 9                          | - | 154              | -   | 94                             |
| Ramphastos toco                           |                            |                            |   |                  |     |                                |

Table 4. (cont'd)

| Species Showing<br>Greatest Decreases               | Number<br>Imported<br>1969 | Number<br>Imported<br>1970 |   | merical<br>hange   | Inc | entage<br>rease<br>or<br>rease |
|-----------------------------------------------------|----------------------------|----------------------------|---|--------------------|-----|--------------------------------|
| Peregrine Falcon                                    | 253                        | 25                         | - | 2286               | -   | 90                             |
| Falco peregrinus Collared Jay Cyanolyca viridicyana | 66                         | 7                          | - | 593                | -   | 89                             |
| Spectacled Owl Pulsatrix perspicillata              | 91                         | 13                         | - | 78 <sup>4</sup>    | -   | 86                             |
| Green Jay Cyanocorax yncas                          | 98                         | 18                         | - | 81                 | -   | 83                             |
| Bronze Mannikin Lonchura cucullata                  | 1,583                      | 342                        | - | 1,241              | -   | 78                             |
| Yellow-bellied Waxbill Estrilda melanotis           | 1,398                      | 382                        | - | 1,016              | -   | 73                             |
| Bee Bee<br>Brotogeris jugularis                     | 9,371                      | 2,724                      | - | 6,627 <sup>4</sup> | -   | 71                             |
| Curl-crested Toucanet Pteroglossus beauharmaesii    | 223                        | 85                         | - | 1383               | -   | 62                             |
| Chestnut-mandibled Toucan Ramphastos swainsonii     | 125                        | 53                         | - | 723                | -   | 58                             |
| Red-billed Blue Magpie Urocissa erythrorhyncha      | 114                        | 49                         | - | 65                 | -   | 57                             |
| Lavender Finch Estrilda caerulescens                | 8,566                      | 4,653                      | - | 3,913              | -   | 46                             |
| Masked Crimson Tanager Ramphocelus nigrogularis     | 283                        | 158                        | - | 125                | -   | 44                             |
| Roadside Hawk Buteo magnirostris                    | 177                        | 105                        | - | 72 <sup>7</sup>    | -   | 41                             |

<sup>&</sup>lt;sup>1</sup>We have arbitrarily chosen <sup>±</sup> 40 percent as representing a significant change. Species of Psittacidae, Estrildidae, and Fringillidae considered in this table are only those of which more than 1,000 were imported in 1969 or 1970. Species from other families are usually those which regularly constitute a relatively large proportion of the total imported in the family.

in the family.

This increase almost certainly represents an increase in the numbers of birds reported rather than in the number imported.

<sup>&</sup>lt;sup>3</sup>Difficulties in interpreting some of the identifications on the

declaration forms suggest that this change may not be as large as indicated. <sup>4</sup>This change in part may result from the effect of differing methods of analysis in the two years.

<sup>&</sup>lt;sup>5</sup>The majority of these birds were certainly misidentified on the import forms.

Estrildidae are becoming much more frequently imported (Tables 3, 4). Two of these, the Pin-tailed Nonpareil, Erythrura prasina, and the Society Finch, Lonchura striata, are perhaps being imported in greater numbers as substitutes for the Java Sparrow (Padda oryzivora) which is no longer permitted entry into the U.S.

There was no marked increase in the number of species imported. In 1970 about 745 species were imported, compared to 815 in 1969 and 625 in 1968. However, 223 (30 percent) of those imported in 1970 were not listed in the previous two reports. In the three years for which data are now available, about 1,270 species of birds have been imported. This represents nearly 15 percent of the species in the world's avifauna.

One hundred and fourteen of the species newly listed in 1970 are in but eight families--Trochilidae (30), Fringillidae (14), Anatidae (14), Accipitridae (14), Psittacidae (12), Thraupidae (11), Columbidae (10) and Bucerotidae (9). Through the three years covered by these reports the families that have contributed most species to the list are the Psittacidae (118 species), Anatidae (93), Fringillidae (72), Accipitridae (65), Trochilidae (65), Thraupidae (63), Estrildidae (62), Strigidae (38), Turdidae (32), Phasianidae (29), Ploceidae (29), Ramphastidae (28), Columbidae (24), Capitonidae (24), Falconidae (22), Bucerotidae (22), and Sturnidae (22). These 17 families have accounted for 808 species or 64 percent of the species appearing on the import lists from 1968 through 1970. Unfortunately the numbers given are but close approximations. Because of uncertainties of identifications and interpretations of names, exact species counts are not possible.

# Proportion of Wild and Propagated Birds Imported

Our present method of analysis of the import forms revealed that a varying but moderately large proportion of the birds imported were undoubtedly raised in captivity. Virtually all the Australian Estrildidae imported are so raised, principally in Japan and Taiwan. Similarly, very few psittacines are legally exported from Australia, suggesting that a large proportion of those now being imported are the result of domestic propagation. The more exotic parrot species are most frequently received from West Germany, while the seldom imported Budgerigar (Melopsittacus undulatus) is most frequently imported from Germany, England, or Taiwan. Imports in the families Anatidae and Phasianidae, among others, apparently include a considerable number of birds that were propagated in captivity.

<sup>&</sup>lt;sup>6</sup>We suspect that the decrease in the number reported on the import forms primarily reflects Florida laws prohibiting entry of this species rather than indicating any great decline in the number actually imported. <sup>7</sup>We suspect that this difference is more apparent than real.

The principal species raised for export is the Domestic Canary (Serinus canarius) of which several hundreds of thousands are imported from Japan and Taiwan yearly. Smaller numbers regularly come from West Germany, England, Belgium, and Holland. The numbers of this species reported herein as having been imported in 1970 are certainly minimal as federal regulations have only recently required them to be listed on the standard declaration forms.

For certain families that contain species frequently propagated, we have attempted to estimate the proportions of imported birds that were most likely of wild origin and that were probably raised in captivity (Table 5). Estimates for 1968 and 1969 are based on the analysis of the 1970 declaration forms. We recognize that these figures are not accurate; probably the proportion of domestically raised birds is slightly underestimated. In 1970, approximately 73 percent of all birds imported are believed to have been of wild origin. That figure is probably true for earlier years as well, but the fact that few canaries were declared earlier precludes a more precise evaluation. If the canaries were excluded from consideration, approximately 96 percent of all birds imported are probably of wild origin.

For all birds listed in these reports for 1968, 1969, and 1970, we have estimated the number and proportion of birds that were of wild origin. These figures are given in the lower portion of Table 5.

Sources of Birds Imported into the United States

Our present analysis of importations by country of origin revealed that an overwhelming preponderance of imported birds comes from a relatively few countries. Although shipments in 1970 originated in 55 countries (Table 6, 7), the eleven countries exporting the largest numbers of birds account for over 95 percent of all individual birds imported.

Most of the countries listed were of particular significance in the importation of one or another taxon, however. For example, Ecuador, although exporting a relatively small number of birds to the United States, is the principal source of tanagers and hummingbirds. West Germany is the main source of what are evidently wild-caught European passerines. As another exaple, all the birds from Ghana appeared to belong to but a single species, the African Gray Parrot (Psittacus erithacus).

Table 5. Estimated numbers of wild and propagated birds imported in 1968-1970.

| Selected Families     |          | 1968    | 1969    | 1970    | Total<br>1968-1970 |
|-----------------------|----------|---------|---------|---------|--------------------|
| Anatidae              | ₩        | 703     | 275     | 262     | 1,240              |
|                       | P        | 702     | 275     | 262     | 1,239              |
| Phasianidae           | <b>W</b> | 51      | 186     | 161     | 398                |
|                       | P        | 3,986   | 1,794   | 100     | 5,880              |
| Columbidae            | W        | 83      | 165     | 183     | 431                |
|                       | P        | 6       | 6       | 18      | 30                 |
| Psittacidae           | W        | 80,221  | 89,298  | 126,718 | 296,237            |
|                       | P        | 371     | 355     | 96      | 822                |
| Estrildidae           | W        | 299,221 | 413,960 | 425,114 | 1,138,295          |
|                       | P        | 10,187  | 16,994  | 25,521  | 52,702             |
| Fringillidae          | W        | 43,530  | 33,401  | 42,873  | 119,804            |
|                       | P        | 3,464   | 8,265   | 229,931 | 241,660            |
| All Birds-            |          |         |         |         |                    |
| Total Imported        |          | 513,790 | 647,318 | 937,938 | 2,099,046          |
| Number of Wild Birds  |          | 495,074 | 619,629 | 682,010 | 1,796,713          |
| Percentage-Wild Birds |          | 96.36   | 95.72   | 72.71   | 85.60              |

Most of the countries listed in Tables 5 and 6 primarily shipped birds which were wild caught within the borders of the country. Many or most of the exports from a number of other countries, e.g. Singapore, Hong Kong, Belgium, and Holland, appeared to consist mainly of wild birds that had been transshipped from other sources in Asia and Africa. Two other nations, Japan and Taiwan, which accounted for at least one-quarter of all birds imported in 1970, apparently raise almost all birds exported. A large proportion of birds from England and Canada also appear to have been raised in captivity.

Table 6. Major sources from which the United States imported birds in 1970.

| Num<br>Per | ntry of Origin,<br>ber Imported,<br>centage of<br>al Imported | Principal<br>Families                                                                                                                    | Number<br>Imported                                                                                    | Percentage<br>of Total<br>from<br>Country                                                            | Percentage<br>of Total<br>in Family                                                                           |
|------------|---------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| 1          | INDIA<br>209,758<br>22.36                                     | Estrildidae Sturnidae Psittacidae Timaliidae Fringillidae Strigidae Falconidae Accipitridae Turdidae Nectariniidae Chloropseidae Gruidae | 198,154<br>8,341<br>1,986<br>324<br>200<br>194<br>172<br>132<br>82<br>44<br>35<br>24<br>22<br>209,710 | 94.47<br>3.98<br>.95<br>.15<br>.10<br>.09<br>.08<br>.06<br>.04<br>.02<br>.02<br>.01<br>.01<br>.99.98 | 43.97<br>28.90<br>15.66<br>8.17<br>.07<br>42.34<br>10.43<br>19.24<br>40.20<br>30.14<br>8.54<br>35.82<br>14.86 |
| 2          | SENEGAL<br>163,513<br>17.43                                   | Estrildidae<br>Ploceidae<br>Fringillidae<br>Sturnidae                                                                                    | 105,293<br>29,728<br>28,452<br>40<br>163,513                                                          | 64.39<br>18.18<br>17.40<br>.02<br>100.00                                                             | 23.37<br>86.01<br>10.43<br>.14                                                                                |
| 3          | JAPAN<br>146,421<br>15.61                                     | Fringillidae<br>Estrildidae<br>Anatidae                                                                                                  | 142,327<br>4,086<br>8<br>146,421                                                                      | 97.20<br>2.79<br>.01<br>100.00                                                                       | 52.17<br>.91<br>1.53                                                                                          |
| 4          | TAIWAN<br>95,774<br>10.21                                     | Fringillidae<br>Estrildidae<br>Psittacidae                                                                                               | 76,978<br>18,775<br>20<br>95,773                                                                      | 80.37<br>19.60<br>.02<br>99.99                                                                       | 28.21<br>4.17<br>.02                                                                                          |
| 5          | MALI<br>76,100<br>8.11                                        | Estrildidae<br>Fringillidae                                                                                                              | $\frac{73,100}{3,000}$ $\frac{76,100}$                                                                | $\frac{96.06}{3.94}$ $\overline{100.00}$                                                             | 16.22<br>1.10                                                                                                 |
| 5          | PERU<br>17,356<br>5,05                                        | Psittacidae<br>Thraupidae<br>Ramphastidae<br>Spheniscidae<br>Fringillidae<br>Laridae                                                     | 45,621<br>725<br>412<br>176<br>146<br>70                                                              | 96.34<br>1.53<br>.87<br>.37<br>.31                                                                   | 35.97<br>22.44<br>14.94<br>67.69<br>.05<br>94.59                                                              |

Table 6. (cont'd)

| Numb<br>Pero<br>Tota | ntry of Origin,<br>ber Imported,<br>centage of<br>al Imported<br>PERU (cont'd) | Principal<br>Families<br>Capitonidae<br>Psophiidae                                                                                                                      | Number<br>Imported<br>40<br>35                                                                         | Percentage<br>of Total<br>from<br>Country<br>.08<br>.07                                                               | Percentage<br>of Total<br>in Family<br>9.32<br>42.68                                                                              |
|----------------------|--------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
|                      |                                                                                | Eurypygidae<br>Accipitridae<br>Strigidae                                                                                                                                | 34<br>19<br>10<br>47,288                                                                               | .07<br>.04<br>.02<br>99.85                                                                                            | 100.00<br>2.76<br>2.18                                                                                                            |
| 7                    | THAILAND<br>43,837<br>4.67                                                     | Estrildidae Sturnidae Falconidae Dicaeidae Ploceidae Chloropseidae Timaliidae Zosteropidae Strigidae Accipitridae Turdidae Columbidae Bucerotidae Pycnonotidae Pittidae | 20,546<br>19,800<br>671<br>536<br>445<br>323<br>313<br>168<br>163<br>135<br>90<br>78<br>65<br>60<br>51 | 46.87<br>45.17<br>1.53<br>1.22<br>1.02<br>.74<br>.72<br>.38<br>.37<br>.31<br>.21<br>.18<br>.15<br>.14<br>.12<br>99.13 | 4.56<br>68.60<br>40.69<br>100.00<br>1.29<br>78.78<br>7.89<br>73.68<br>35.59<br>19.68<br>44.12<br>38.80<br>57.52<br>65.93<br>80.95 |
| 8                    | MEXICO<br>32,680<br>3.48                                                       | Psittacidae<br>Fringillidae<br>Phoenicopteridae<br>Phasianidae                                                                                                          | 31,384<br>1,007<br>204<br>80<br>32,675                                                                 | 96.03<br>3.08<br>.62<br>.24<br>99.97                                                                                  | 24.75<br>.37<br>43.31<br>30.65                                                                                                    |
| 9                    | PARAGUAY<br>32,521<br>3.47                                                     | Psittacidae<br>Fringillidae<br>Corvidae<br>Ramphastidae<br>Anhingidae<br>(unknown)                                                                                      | 28,000<br>2,093<br>412<br>317<br>212<br>1,181<br>32,215                                                | 86.10<br>6.44<br>1.27<br>.97<br>.65<br>3.63<br>99.06                                                                  | 22.08<br>.77<br>62.14<br>11.50<br>88.70                                                                                           |
| 10                   | HOLLAND<br>29,916<br>3.19                                                      | Estrildidae<br>Fringillidae<br>Ploceidae<br>Timaliidae                                                                                                                  | 15,856<br>11,692<br>2,125<br>159<br>29,832                                                             | 53.00<br>39.08<br>7.10<br>.53                                                                                         | 3.52<br>4.29<br>6.15<br>4.01                                                                                                      |

| Numb<br>Perc | er Imported,<br>centage of<br>al Imported | Principal<br>Families                                                                                                                                                                                  | Number<br>Imported                                                            | Percentage<br>of Total<br>from<br>Country                                                                               | Percentage<br>of Total<br>in Family                                                                                                         |
|--------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 11           | COLOMBIA<br>20,832<br>2.22                | Psittacidae Fringillidae Ramphastidae Thraupidae Falconidae Coerebidae Icteridae Accipitridae Capitonidae Threskiornithidae Trochilidae Corvidae Tyrannidae Anhimidae Psophiidae Cathartidae (unknown) | 12,697 2,452 1,730 897 709 553 411 305 215 181 181 100 54 43 37 35 201 20,801 | 60.95<br>11.77<br>8.30<br>4.31<br>3.40<br>2.65<br>1.97<br>1.46<br>1.03<br>.87<br>.48<br>.26<br>.21<br>.18<br>.17<br>.96 | 10.01<br>.90<br>62.75<br>27.76<br>43.00<br>90.07<br>92.15<br>44.46<br>50.12<br>28.33<br>14.73<br>15.08<br>100.00<br>91.49<br>45.12<br>77.78 |
| 12           | TANZANIA<br>6,771<br>.72                  | Estrildidae<br>Ploceidae<br>Psittacidae<br>Fringillidae<br>Sturnidae<br>Musophagidae<br>Nectariniidae<br>Bucerotidae                                                                                   | 5.453<br>371<br>326<br>320<br>153<br>46<br>40<br>26<br>6,735                  | 80.53<br>5.48<br>4.81<br>4.73<br>2.26<br>.68<br>.59<br>.39                                                              | 1.21<br>1.07<br>.26<br>.12<br>.53<br>36.22<br>27.40<br>23.01                                                                                |
| 13           | BELGIUM<br>4,862<br>.52                   | Estrildidae<br>Ploceidae<br>Fringillidae<br>Sturnidae                                                                                                                                                  | 3,158<br>1,035<br>654<br>9<br>4,856                                           | 64.95<br>21.29<br>13.45<br>.19                                                                                          | .70<br>2.99<br>.24<br>.03                                                                                                                   |
| 1.4          | SINGAPORE<br>4,083<br>.44                 | Psittacidae<br>Estrildidae<br>Sturnidae<br>Zosteropidae<br>Columbidae<br>Casuariidae                                                                                                                   | 3,104<br>516<br>315<br>50<br>34<br>22<br>4,041                                | 76.02<br>12.64<br>7.71<br>1.22<br>.83<br>.53<br>98.97                                                                   | 2.45<br>.11<br>1.09<br>21,93<br>16.91<br>88.00                                                                                              |

Table 6. (cont'd)

| Numb<br>Perc | try of Origin,<br>er Imported,<br>entage of<br>al Imported | Principal<br>Families                                                                                  | Number<br>Imported                                            | Percentage<br>of Total<br>from<br>Country                                            | Percentage<br>of Total<br>in Family                                             |
|--------------|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| 15           | HONG KONG<br>3,621<br>.39                                  | Timaliidae<br>Estrildidae<br>Fringillidae<br>Ploceidae<br>Gruidae<br>Cuculidae                         | 3,147<br>160<br>140<br>80<br>40<br>26<br>3,593                | 86.91<br>4.42<br>3.87<br>2.21<br>1.10<br>.72<br>99.23                                | 79.35<br>.04<br>.05<br>.23<br>27.03<br>92.86                                    |
| 16           | W. GERMANY<br>2,824<br>.30                                 | Fringillidae<br>Psittacidae<br>Estrildidae<br>Anatidae<br>Alaudidae                                    | 1,826<br>860<br>50<br>39<br>12<br>2,787                       | 64.66<br>30.45<br>1.77<br>1.38<br>.42<br>98.68                                       | .67<br>.68<br>.01<br>7.44<br>12.50                                              |
| 17           | ECUADOR<br>2,268<br>.24                                    | Thraupidae Trochilidae Ramphastidae Capitonidae Coerebidae Cotingidae Tersinidae Trogonidae            | 1,168<br>854<br>50<br>49<br>39<br>38<br>26<br>12<br>2,236     | 51.50<br>37.65<br>2.20<br>2.16<br>1.72<br>1.68<br>1.15<br>.53<br>98.59               | 36.12<br>69.49<br>1.81<br>11.42<br>6.35<br>44.71<br>100.00<br>66.67             |
| 18           | MOZAMBIQUE<br>2,179<br>.23                                 | Estrildidae Ploceidae Fringillidae Alaudidae Sturnidae Columbidae Turnicidae Rallidae Gruidae Coliidae | 1,391<br>366<br>120<br>84<br>66<br>50<br>37<br>17<br>16<br>10 | 63.84<br>16.80<br>5.51<br>3.85<br>3.03<br>2.29<br>1.70<br>.78<br>.73<br>.46<br>98.99 | .31<br>1.06<br>.04<br>87.50<br>.23<br>24.88<br>60.66<br>50.00<br>10.81<br>17.24 |
| 19           | ETHIOPIA<br>2,099<br>.22                                   | Estrildidae<br>Ploceidae<br>Musophagidae<br>Fringillidae                                               | 1,685<br>371<br>23<br>20<br>2,099                             | 80.28<br>17.68<br>1.10<br>.95                                                        | .37<br>1.07<br>18.11<br>.01                                                     |

99.46

| Numb<br>Perc | etry of Origin,<br>per Imported,<br>centage of<br>al Imported | Principal<br>Families                                                     | Number<br>Imported                     | Percentage<br>of Total<br>from<br>Country        | Percentage<br>of Total<br>in Family     |
|--------------|---------------------------------------------------------------|---------------------------------------------------------------------------|----------------------------------------|--------------------------------------------------|-----------------------------------------|
| 20           | GHANA<br>1,654<br>.18                                         | Psittacidae                                                               | 1,654                                  | 100.00                                           | 1.30                                    |
| 21           | MALAYSIA<br>1,650<br>.18                                      | Estrildidae                                                               | 1,650                                  | 100.00                                           | .37                                     |
| 22           | ARGENTINA<br>1,079<br>.12                                     | Fringillidae<br>Tinamidae<br>Anatidae<br>Phoenicopteridae<br>Spheniscidae | 640<br>172<br>155<br>66<br>30<br>1,063 | 59.31<br>15.94<br>14.37<br>6.12<br>2.78<br>98.52 | .23<br>92.97<br>29.58<br>14.01<br>11.54 |
| 23           | GUATEMALA<br>1,051<br>.11<br>932,849                          | Psittacidae<br>Thraupidae                                                 | 1,031<br>20<br>1,051                   | $\frac{1.90}{100.00}$                            | .81<br>.62                              |

Table 7. Minor sources of birds imported into the United States in 1970. The first figure in parentheses is the number imported; the second represents the percentage of birds in that family imported in 1970.

| Country of<br>Origin and<br>Number |                                                                                                                                                                                                                | Percentages<br>of Total<br>from |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| Imported                           | Principal Groups Imported                                                                                                                                                                                      | Country                         |
| BRAZIL857                          | Threskiornithidae (382-44.57), Fringillidae (24009), Ramphastidae (107-3.88), Anatidae (44-8.40), Cotingidae (24-28.24), Cochleariidae (22-56.41), Psittacidae (1501), Corvidae (10-1.15), Psophiidae (8-9.76) | 99.42                           |

| Country of<br>Origin and<br>Number<br>Imported | Principal Groups Imported                                                                                                                                                                                                                                                                                                                            | Percentages<br>of Total<br>from<br>Country |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| INDONESIA663                                   | Estrildidae (57513), Sturnidae (6924), Phasianidae (19-7.28)                                                                                                                                                                                                                                                                                         | 100.00                                     |
| NICARAGUA505                                   | Jacanidae (87-80.56), Threskiornithidae (60-9.39), Ramphastidae (46-1.67), Corvidae (38-5.73), Phalacrocoracidae (38-80.85), Strigidae (29-6.33), Falconidae (27-1.64), Accipitridae (26-3.79), Anhingidae (22-9.21), Burhinidae (21-100.0), Ciconiidae (20-21.74), Aramidae (15-100.0), Icteridae (14-3.14), Momotidae (12-12.77 Rallidae (8-23.53) | 91.68                                      |
| BOTSWANA496                                    | Fringillidae (14405), Estrildidae (11002), Ploceidae (4212), Coliidae (40-68.97), Capitonidae (36-8.39), Ciconiidae (19-20.65), Sturnidae (1907 Sagittariidae (17-60.71), Ardeidae (12-31.58), Otididae (11-78.57), Musophagidae (11-8.66)                                                                                                           | 92,94                                      |
| ENGLAND370                                     | Anatidae (195-37.21), Fringillidae (12705), Psittacidae (3102), Columbidae (10-4.98)                                                                                                                                                                                                                                                                 | 98.11                                      |
| GUYANA276                                      | Thraupidae (181-5.60), Fringillidae (9203)                                                                                                                                                                                                                                                                                                           | 98.91                                      |
| HAITI199                                       | Phoenicopteridae (184-39.07),<br>Pelecanidae (15-51.72)                                                                                                                                                                                                                                                                                              | 100.00                                     |
| COSTA RICA173                                  | Thraupidae (135-4.18), Momotidae (12-12.77), Trochilidae (1081), Icteridae (10-2.24)                                                                                                                                                                                                                                                                 | 96.53                                      |
| CANADA162                                      | Phasianidae (100-38.31), Anatidae (40-7.63), Columbidae (14-6.97)                                                                                                                                                                                                                                                                                    | 95.07                                      |
| HONDURAS156                                    | Ramphastidae (70-2.54), Momotidae (36-38.30), Strigidae (34-7.42), Corvidae (8-1.21)                                                                                                                                                                                                                                                                 | 94.87                                      |

Table 7. (cont'd)

| Table 7. (cont'd)                              |                                                                                                                                                                                                                                                                                    |                                            |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| Country of<br>Origin and<br>Number<br>Imported | Principal Groups Imported                                                                                                                                                                                                                                                          | Percentages<br>of Total<br>from<br>Country |
| BOLIVIA134                                     | Thraupidae (41-1.27), Trochilidae (37-3.01), Cotingidae (18-21.18), Formicariidae (8-100.0), Phoenicopteridae (5-1.06), Capitonidae (493), Fringillidae (400), Dendrocolaptidae (3-100.0)                                                                                          | 89.55                                      |
| NIGERIA127                                     | Gruidae (33-22.30), Ciconiidae (29-31.52), Glareolidae (20-90.91), Falconidae (1273), Accipitridae (11-1.60), Threskiornithidae (8-1.25), Musophagidae (6-4.72)                                                                                                                    | 93.70                                      |
| KENYA121                                       | Gruidae (20-13.51), Nectariniidae (19-13.01), Numididae (12-75.00), Phoeniculidae (11-100.00), Sagittariidae (10-35.71), Musophagidae (7-5.51), Columbidae (5-2.49), Pelecanidae (4-13.79), Coraciidae (4-5.97), Phoenicopteridae (485), Capitonidae (493), Muscicapidae (4-50.00) | 88.43                                      |
| TURKEY100                                      | Fringillidae (10004)                                                                                                                                                                                                                                                               | 100.00                                     |
| PANAMA44                                       | Psittacidae (2602), Thraupidae (1031), Ramphastidae (829)                                                                                                                                                                                                                          | 100.00                                     |
| SOUTH AFRICA39                                 | Spheniscidae (36-13.85), Falconidae (212), Accipitridae (115)                                                                                                                                                                                                                      | 100.00                                     |
| ANGOLA36                                       | Musophagidae (30-23.62), Bucerotidae (6-5.31)                                                                                                                                                                                                                                      | 100.00                                     |
| DENMARK35                                      | Turdidae (12-5.88), Scolopacidae (5-100.0), Anatidae (476), Laridae (4-5.41), Sylviidae (4-100.0), Haematopodidae (3-100.0), Timaliidae (308)                                                                                                                                      | 100.00                                     |
| AUSTRALIA33                                    | Psittacidae (2302), Spheniscidae (4-1.54), Accipitridae (458), Anatidae (238)                                                                                                                                                                                                      | 100.00                                     |

Table 7. (cont'd)

| Country of<br>Origin and<br>Number<br>Imported | Principal Groups Imported                                                                                                                                                                                              | Percentages<br>of Total<br>from<br>Country |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| PAKISTAN32                                     | Accipitridae (17-2.48), Falconidae                                                                                                                                                                                     | 100.00                                     |
|                                                | (1273), Ciconiidae (3-3.26)                                                                                                                                                                                            |                                            |
| (HAWAII)30                                     | Diomedeidae (24-100.0), Megapodiidae (6-100.0)                                                                                                                                                                         | 100.00                                     |
| SW. AFRICA25                                   | Struthionidae (25-69.44)                                                                                                                                                                                               | 100.00                                     |
| ISRAEL15                                       | Fringillidae (1501)                                                                                                                                                                                                    | 100.00                                     |
| NORWAY14                                       | Fringillidae (1300), Turdidae (149)                                                                                                                                                                                    | 100.00                                     |
| SWITZERLAND10                                  | Estrildidae (800), Strigidae (244)                                                                                                                                                                                     | 100.00                                     |
| FIJI8                                          | Rallidae (4-11.76), Columbidae (4-1.99)                                                                                                                                                                                | 100.00                                     |
| SCOTLAND6                                      | Tetraonidae (4-100.0), Anatidae (238)                                                                                                                                                                                  | 100.00                                     |
| YUGOSLAVIA6                                    | Anatidae (6-1.15)                                                                                                                                                                                                      | 100.00                                     |
| WESTERN SAMOA5                                 | Psittacidae (500)                                                                                                                                                                                                      | 100.00                                     |
| TONGA4                                         | Psittacidae (400)                                                                                                                                                                                                      | 100.00                                     |
| SAUDI ARABIA2                                  | Falconidae (212)                                                                                                                                                                                                       | 100.00                                     |
| SPAIN2                                         | Falconidae (212)                                                                                                                                                                                                       | 100.00                                     |
| SWEDEN1                                        | Accipitridae (115)                                                                                                                                                                                                     | 100.00                                     |
| Country Unknown403                             | Trochilidae (145-11.80), Estrildidae (5601), Thraupidae (47-1.45), Phasianidae (30-11.49), Coerebidae (22-3.58), Cracidae (21-80.77), Ramphastidae (1347), Tinamidae (13-7.03), Anatidae (12-2.29), Psittacidae (1101) | 91.81                                      |

Total--5,089

# Importation of Wild Birds' Eggs

Declaration forms filed in 1970 listed 1,172 wild birds' eggs, apparently intended for domestic propagation. Table 8 lists the totals by species. All the eggs from Iceland were obtained from a single dealer.

Table 8. Wild birds' eggs imported into the United States in 1970.

| Common Name            | Scientific Name     | Country of Origin | Number<br>Imported | Per Cent<br>of Total |
|------------------------|---------------------|-------------------|--------------------|----------------------|
| European Teal          | Anas crecca         | Iceland           | 53                 | 4.52                 |
| Versicolor Teal        | Anas versicolor     | Argentina         | 38                 | 3.24                 |
| Pintail                | Anas acuta          | Iceland           | 7                  | .60                  |
| Gadwall                | Anas strepera       | 11                | 24                 | 2.05                 |
| European Widgeon       | Anas penelope       | **                | 66                 | 5.63                 |
| Tufted Duck            | Aythya fuliqula     | **                | 147                | 12.54                |
| Greater Scaup          | Aythya marila       | **                | 291                | 24.83                |
| Barrow's Goldeneye     | Bucephala islandica | 11                | 472                | 40.27                |
| Red-breasted Merganser | Mergus serrator     | 11                | 69                 | 5.89                 |
| Rock Ptarmigan         | Lagopus mutus       | 11                | 5                  | .43                  |
| Totals                 |                     |                   | 1,172              | 100.00               |

## Acknowledgments

M. Ralph Browning aided in the initial sorting of the import declaration forms, and he and Linda Donley assisted in making xerographic copies. Shirley J. Artis typed the final manuscript. Declaration forms were made available to us through the courtesy of Marshall Stinnett, Division of Management and Enforcement, Bureau of Sport Fisheries and Wildlife.

# Number of Birds Imported, by Order and Family

The following list of the number of imported birds in the various orders and families (where there is more than one living family in an order) will serve both as a Summary and as a Table of Contents. Totals for 1968 through 1970 are included and should serve as a summary of the overall magnitude of bird importations during these three years. The first and third columns of numbers have counterparts for 1968 and 1969 in Banks (1970) and Banks and Clapp (1972).

|      |                   | Number<br>in<br>Family | Number<br>in<br>Family | Number<br>in<br>Order | Number<br>in<br>Order |
|------|-------------------|------------------------|------------------------|-----------------------|-----------------------|
| Page | Group             | 1970                   | 1968-1970              | 1970                  | 1968-1970             |
| 26   | Sphenisciformes   |                        |                        | 260                   | 731                   |
| 26   | Struthioniformes  |                        |                        | 36                    | 117                   |
| 26   | Rheiformes        |                        |                        | 35                    | 49                    |
| 26   | Casuariiformes    |                        |                        | 25                    | 77                    |
| 26   | Casuariidae       | 25                     | 75                     |                       |                       |
|      | Dromiceidae       | -                      | 2                      |                       |                       |
|      | Apterygiformes    |                        |                        | -                     | 2                     |
| 27   | Tinamiformes      |                        |                        | 185                   | 346                   |
| 27   | Procellariiformes |                        |                        | 24                    | 24                    |
| 27   | Diomedeidae       | 24                     | 24                     |                       |                       |
| 27   | Pelecaniformes    |                        |                        | 315                   | 470                   |
| 27   | Pelecanidae       | 29                     | 146                    |                       |                       |
|      | Sulidae           | -                      | 1                      |                       |                       |
| 27   | Phalacrocoracidae | 47                     | 80                     |                       |                       |
| 28   | Anhingidae        | 239                    | 243                    |                       |                       |
| 28   | Ciconiiformes     |                        |                        | 1,280                 | 2,890                 |
| 28   | Ardeidae          | 38                     | 125                    |                       |                       |
| 28   | Cochleariidae     | 39                     | 81                     |                       |                       |
| 29   | Scopidae          | 1                      | 16                     |                       |                       |
| 29   | Ciconiidae        | 92                     | 243                    |                       |                       |
| 30   | Threskiornithidae | 639                    | 1,257                  |                       |                       |
| 30   | Phoenicopteridae  | 471                    | 1,168                  |                       |                       |
| 31   | Anseriformes      |                        |                        | 571                   | 2,720                 |
| 31   | Anhimidae         | 47                     | 241                    |                       |                       |
| 31   | Anatidae          | 524                    | 2,479                  |                       |                       |
| 34   | Falconiformes     |                        |                        |                       |                       |
| 34   | Cathartidae       | 45                     | 241                    |                       |                       |
| 34   | Sagittariidae     | 28                     | 62                     |                       |                       |
| 34   | Accipitridae      | 686                    | 1,725                  |                       |                       |
| 38   | Pandionidae       | 1                      | 1                      |                       |                       |
| 38   | Falconidae        | 1,649                  | 3,944                  | 313                   | 6,396                 |
| 40   | Galliformes       | ,                      | 1.0                    | 313                   | 0,350                 |
| 40   | Megapodiidae      | 6                      | 18                     |                       |                       |
| 40   | Cracidae          | 26                     | 38                     |                       |                       |
| 41   | Tetraonidae       | 4                      | 16                     |                       |                       |
| 41   | Phasianidae       | 261                    | 6,278                  |                       |                       |
| 42   | Numididae         | 16                     | 40                     |                       |                       |
|      | Meleagrididae     | -                      | 5                      |                       |                       |
| 42   | Opisthocomidae    | -                      | 1                      | 390                   | 1,061                 |
| 42   | Gruiformes        | ۷1                     | 95                     | 350                   | 1,001                 |
| 42   | Turnicidae        | 61<br>148              | 283                    |                       |                       |
|      | Gruidae           |                        | 283<br>15              |                       |                       |
| 42   | Aramidae          | 15                     | 13                     |                       |                       |

| Page | Group            | Number<br>in<br>Family<br>1970 | Number<br>in<br>Family<br>1968-1970 | Numbe<br>in<br>Order<br>1970 | in         |
|------|------------------|--------------------------------|-------------------------------------|------------------------------|------------|
| 43   | Psophiidae       | 82                             | 325                                 |                              |            |
| 43   | Rallidae         | 34                             | 162                                 |                              |            |
| 43   | Eurypygidae      | 34                             | 111                                 |                              |            |
| 43   | Cariamidae       | 2                              | 42                                  |                              |            |
| 44   | Otididae         | 14                             | 28                                  |                              |            |
| 44   | Charadriiformes  | -,                             | 20                                  | 236                          | 782        |
| 44   | Jacanidae        | 108                            | 319                                 | 230                          | 702        |
| 44   | Haematopodidae   | 3                              | 3                                   |                              |            |
| 44   | Charadriidae     | 1                              | 58                                  |                              |            |
| 44   | Scolopacidae     | 5                              | 8                                   |                              |            |
| 44   | Recurvirostridae | 2                              | 17                                  |                              |            |
|      | Phalaropodidae   | -                              | 5                                   |                              |            |
| 45   | Burhinidae       | 21                             | 94                                  |                              |            |
| 45   | Glareolidae      | 22                             | 87                                  |                              |            |
|      | Thinocoridae     |                                | 1                                   |                              |            |
| 45   | Laridae          | 74                             | 190                                 |                              |            |
| 45   | Columbiformes    | , ,                            | 150                                 | 201                          | 461        |
| 45   | Columbidae       | 201                            | 461                                 | 201                          | 401        |
| 46   | Psittaciformes   | -01                            | 401                                 | 126,814                      | 297,059    |
| 53   | Cuculiformes     |                                |                                     | 155                          | 336        |
| 53   | Musophagidae     | 127                            | 279                                 | 155                          | 330        |
| 54   | Cuculidae        | 28                             | 57                                  |                              |            |
| 54   | Strigiformes     | 20                             | 37                                  | 504                          | 1 477      |
| 54   | Tytonidae        | 46                             | 107                                 | 304                          | 1,477      |
| 55   | Strigidae        | 458                            | 1,370                               |                              |            |
| 57   | Apodiformes      | 450                            | 1,370                               | 1,229                        | 4 420      |
| 57   | Trochilidae      | 1,229                          | 4,429                               | 1,225                        | 4,429      |
| 60   | Coliiformes      | -,                             | 7,740                               | 58                           | 100        |
| 61   | Trogoniformes    |                                |                                     | 18                           | 100<br>164 |
| 61   | Coraciiformes    |                                |                                     | 337                          | 1,062      |
| 61   | Alcedinidae      | 17                             | 171                                 | 337                          | 1,002      |
| 61   | Momotidae        | 94                             | 298                                 |                              |            |
| 62   | Coraciidae       | 67                             | 175                                 |                              |            |
| 62   | Upupidae         | 35                             | 137                                 |                              |            |
| 62   | Phoeniculidae    | 11                             | 38                                  |                              |            |
| 62   | Bucerotidae      | 113                            | 243                                 |                              |            |
| 64   | Piciformes       | 110                            | 243                                 | 3,212                        | 0 776      |
| 64   | Capitonidae      | 429                            | 1,074                               | كلكوك                        | 8,776      |
| 65   | Ramphastidae     | 2,757                          | 7,632                               |                              |            |
| 68   | Picidae          | 26                             | 7,032                               |                              |            |
| 68   | Passeriformes    | 20                             | / 0                                 | 797,938                      | 1 761 574  |
| 68   | Eurylaimidae     | 33                             | 126                                 | 131,330                      | 1,761,534  |
| 69   | Dendrocolaptidae | 3                              | 4                                   |                              |            |
| 69   | Furnariidae      | 1                              | 2                                   |                              |            |
| 22   |                  |                                | 4                                   |                              |            |

|      |                | Number<br>in | Number<br>in | Number<br>in | Number<br>in |
|------|----------------|--------------|--------------|--------------|--------------|
|      |                | Family       | Family       | Order        | Order        |
| Page | Group          | 1970         | 1968-1970    | 1970         | 1968-1970    |
| 69   | Formicariidae  | 8            | 20           |              |              |
| 69   | Cotingidae     | 85           | 587          |              |              |
| 70   | Pipridae       | 2            | 47           |              |              |
| 70   | Tyrannidae     | 54           | 64           |              |              |
| 70   | Pittidae       | 63           | 199          |              |              |
| 71   | Alaudidae      | 96           | 102          |              |              |
| 71   | Dicruridae     | 21           | 71           |              |              |
| 71   | Oriolidae      | 15           | 21           |              |              |
| 72   | Corvidae       | 663          | 1,574        |              |              |
| 73   | Paradisaeidae  | 9            | 12           |              |              |
|      | Paridae        | -            | 112          |              |              |
| 73   | Timaliidae     | 3,966        | 6,810        |              |              |
|      | Campephagidae  | -            | 20           |              |              |
| 74   | Pycnonotidae   | 91           | 505          |              |              |
| 75   | Chloropseidae  | 410          | 872          |              |              |
|      | Cinclidae      | 1            | 3            |              |              |
| 75   | Mimidae        | 2            | 2            |              |              |
| 75   | Turdidae       | 204          | 688          |              |              |
| 76   | Sylviidae      | 4            | 22           |              |              |
| 76   | Muscicapidae   | 8            | 62           |              |              |
|      | Prunellidae    | -            | 1            |              |              |
|      | Motacillidae   | -            | 11           |              |              |
| 77   | Laniidae       | 105          | 125          |              |              |
| 77   | Prionopidae    | 4            | 7            |              |              |
|      | Vireolaniidae  | -            | 153          |              |              |
| 77   | Cyclarhidae    | 1            | 1            |              |              |
| 77   | Sturnidae      | 28,861       | 73,628       |              |              |
| 78   | Nectariniidae  | 146          | 539          |              |              |
| 79   | Dicaeidae      | 536          | 909          |              |              |
| 79   | Zosteropidae   | 228          | 670          |              |              |
| 80   | Ploceidae      | 34,563       | 106,075      |              |              |
| 83   | Estrildidae    | 450,635      | 1,190,997    |              |              |
| 90   | Coerebidae     | 614          | 1,996        |              |              |
| 91   | Icteridae      | 446          | 1,816        |              |              |
| 92   | Tersinidae     | 26           | 26           |              |              |
| 92   | Thraupidae     | 3,231        | 11,191       |              |              |
| 95   | Fringillidae   | 272,804      | 361,464      |              |              |
| 100  | Family Unknown | 1,391        | 2,121        |              |              |
|      |                |              |              |              |              |
|      | Totals         | 937,938      | 2,099,046    |              |              |
|      | 101413         | 331,330      | 2,000,040    |              |              |

### SYSTEMATIC LIST

| Common Name                   | Scientific Name                                | Country of<br>Origin     | Number<br>Reported                                 |
|-------------------------------|------------------------------------------------|--------------------------|----------------------------------------------------|
|                               | SPHENISCIFORMES<br>SPHENISCIDAE                |                          |                                                    |
| Rockhopper Penguin            | Eudyptes crestatus                             | W. Germany<br>Unknown    | 4<br>4<br>8                                        |
| Fairy Penguin                 | Eudyptula minor                                | Australia                | 4                                                  |
| [Jackass] Penguin             | Spheniscus [demersus]                          | S. Africa                | 30                                                 |
| Humboldt Penguin              | Spheniscus humboldti<br>Aptenodytes patagonica | Peru                     | 176                                                |
| [Magellanic] Penguin          | *Spheniscus [magellanicus]                     | Argentina                | 30                                                 |
| Penguin                       | Spheniscus sp.                                 | *England<br>S. Africa    | $\begin{array}{c} 6 \\ 6 \\ \hline 12 \end{array}$ |
|                               | STRUTHIONIFORMES<br>STRUTHIONIDAE              |                          |                                                    |
| Ostrich<br>Masai Ostrich      | Struthio camelus<br>Struthio [c.] massaicus    | Tanzania<br>SW. Africa   | 11<br>25<br>36                                     |
|                               | RHEIFORMES<br>RHEIDAE                          |                          |                                                    |
| [Greater] Rhea                | Rhea americana                                 | Paraguay                 | 35                                                 |
|                               | CASUARIIFORMES<br>CASUARIIDAE                  |                          |                                                    |
| [Double-wattled]<br>Cassowary | Casuarius casuarius                            | *Hong Kong<br>*Singapore | $\frac{1}{9}$                                      |
| Bennett's Cassowary           | Casuarius bennetti                             | *Holland                 | 2                                                  |
| Cassowary                     | Casuarius sp.                                  | *Singapore               | 13                                                 |

<sup>+</sup>This species was not listed in reports for 1968 or 1969. \*This species is not native to the country from which shipped.

| Common Name                       | Scientific Name                  | Country of<br>Origin | Number<br>Reported          |
|-----------------------------------|----------------------------------|----------------------|-----------------------------|
|                                   | TINAMIFORMES<br>TINAMIDAE        |                      |                             |
| (Tataupa) Tinamou<br>Blue Tinamou | Crypturellus tataupa             | Argentina<br>Unknown | $\frac{12}{\frac{4}{16}}$   |
| (Brushland) Tinamou               | +Nothoprocta cinerascens         | Unknown              | 5                           |
| (Pentland's) Tinamou              | *Nothoprocta pentlandii          | Unknown              | 4                           |
| Spotted Tinamou                   | Nothura maculosa                 | Argentina            | 160                         |
|                                   | PROCELLARIIFORMES<br>DIOMEDEIDAE |                      |                             |
| Black-footed Albatross            | Diomedea nigripes                | Hawaii               | 12                          |
| Laysan Albatross                  | Diomedea immutabilis             | Hawaii               | 12                          |
|                                   | PELECANIFORMES PELECANIDAE       |                      |                             |
| White Pelican                     | Pelecanus onocrotalus            | *W. Germany          | 2                           |
| Pink-backed Pelican               | Pelecanus [rufescens]            | Kenya                | 4                           |
| White Pelican                     | Pelecanus erythrorhynchus        | Canada               | 2                           |
| (Brown) Pelican                   | Pelecanus occidentalis           | Haiti<br>Peru        | 15<br>4<br>19               |
| Pelican                           | Pelecanus sp.                    | Botswana             | 21                          |
|                                   | PHALACROCORACIDAE                |                      |                             |
| Double-crested<br>Cormorant       | Phalacrocorax auritus            | Canada               | 2                           |
| (Guanay) Cormorant                | Phalacrocorax<br>bougainvillii   | *Nicaragua<br>Peru   | $\frac{38^2}{\frac{6}{44}}$ |

<sup>&</sup>lt;sup>1</sup>These were presumably either *Pelecanus onocrotalus* or *P. rufescens*.
<sup>2</sup>It seems likely that these were really *Phalacrocorax olivaceus*.

| Common Name                          | Scientific Name                                  | Country of<br>Origin                      | Number<br>Reported              |
|--------------------------------------|--------------------------------------------------|-------------------------------------------|---------------------------------|
| Geishmi                              | [Phalacrocorax sp.?] Phalacrocorax bougainvillii | Nigeria                                   | 11                              |
|                                      | ANHINGIDAE                                       |                                           |                                 |
| Anhinga                              | Anhinga anhinga                                  | Colombia<br>Nicaragua<br>Paraguay<br>Peru | 3<br>22<br>212<br>2<br>2<br>239 |
|                                      | CICONIIFORMES<br>ARDEIDAE                        |                                           |                                 |
| Goliath Heron                        | [Ardea goliath]<br>Ardeidae sp.                  | Botswana                                  | 9                               |
| Gray Heron                           | [Ardea cinerea] Ardeidae sp.                     | Botswana                                  | 3 <sup>2</sup>                  |
| Purple Heron                         | Ardea purpurea                                   | Thailand                                  | 2                               |
| Pond Heron                           | [Ardeola ralloides]                              | Thailand                                  | 4                               |
| Cattle Egret                         | +Bubulcus ibis                                   | Thailand                                  | 4                               |
| [Black-crowned Night<br>Heron        | +Nycticorax nycticorax                           | Nicaragua                                 | 2                               |
| Lined Tiger Bittern<br>Tiger Bittern | Tigrisoma lineatum<br>Botaurus sp.               | Honduras<br>Nicaragua<br>Peru             | 3<br>5<br>6<br>14               |
|                                      | COCHLEARIIDAE                                    |                                           |                                 |
| Boat-billed Heron                    | Cochlearius cochlearius                          | Brazil<br>Colombia<br>Nicaragua<br>Peru   | 22<br>7<br>7<br>3<br>3          |

 $<sup>^{1}\</sup>mathrm{If}$  indeed a cormorant, this bird was probably  $\mathit{Phalacrocorax}$   $\mathit{lucidus}$  or P. africanus.

These birds may have been the Goliath Heron, listed above.

| Common Name                        | Scientific Name                                                                | Country of<br>Origin          | Number<br>Reported       |
|------------------------------------|--------------------------------------------------------------------------------|-------------------------------|--------------------------|
|                                    | SCOPIDAE                                                                       |                               |                          |
| Hammerhead Stork                   | [Scopus umbretta] Ciconiidae sp.                                               | Kenya                         | 1                        |
|                                    | CICONIIDAE                                                                     |                               |                          |
| [American Wood Ibis]<br>Wood Stork | Mycteria americana<br>Chrysoptilus punctigula                                  | Colombia<br>Nicaragua<br>Peru | 9<br>7<br><u>1</u><br>17 |
| [Asian Wood Ibis]<br>Painted Stork | [Ibis leucocephalus] "Dirusus adsimilis"                                       | India                         | 2                        |
| Openbill Stork                     | +[Anastomus oscitans]<br>Leptoptilos dubius                                    | India                         | 1                        |
| White-bell[ied] Stork              | [Sphenorhynchus abdimii]<br>Piranga leucoptera                                 | Nigeria                       | 8                        |
| European Stork                     | [Ciconia sp.]<br>Jabiru mycteria                                               | Nigeria                       | 5                        |
| Saddle-bill Stork<br>Jabiru        | [Ephippiorhynchus<br>senegalensis]<br>Jabiru sp.<br>Ciconiidae sp.             | Botswana<br>Nigeria           | 2<br>1<br>3              |
| Jabiru Stork                       | Jabiru mycteria                                                                | Nicaragua<br>Peru             | $\frac{13}{7}$           |
| Marabou Stork                      | Leptoptilos crumeniferus<br>Ephippiorhynchus<br>senegalensis<br>Momotus momota | Botswana<br>Nigeria           | $\frac{17}{15}$          |
| Stork                              | "Mycteria americana"                                                           | *Pakistan                     | 3 <sup>1</sup>           |
|                                    | "Ephippiorhynchus<br>senegalensis"                                             | *Peru                         | $\frac{1}{4}^2$          |

The geographic origin of these birds makes their identity as Jabiru mycteria highly suspect.
This bird was most likely Jabiru mycteria or Mycteria americana.

| Common Name                                                   | Scientific Name                                                        | Country of<br>Origin            | Number<br>Reported                   |
|---------------------------------------------------------------|------------------------------------------------------------------------|---------------------------------|--------------------------------------|
|                                                               | THRESKIORNITHIDAE                                                      |                                 |                                      |
| Sacred Ibis                                                   | Threskiornis aethiopica                                                | Botswana<br>Nigeria             | $\frac{8}{\frac{4}{12}}$             |
| White Ibis                                                    | Eudocimus albus                                                        | Nicaragua                       | 3                                    |
| Scarlet Ibis                                                  | Eudocimus ruber<br>Threskiornis aethipicus<br>Capito bourcierii        | Brazil                          | 328                                  |
| Glossy Ibis                                                   | Plegadis falcinellus<br>Pseudibis gigantea                             | Nicaragua                       | 21                                   |
| Spoonbil1                                                     | Platalea leucorodia                                                    | Nigeria                         | 4                                    |
| Roseate Spoonbill<br>Spoonbill                                | Ajaia ajaja<br>Platalea leucorodia                                     | Brazil<br>Colombia<br>Nicaragua | 54<br>147<br><u>33</u><br>234        |
| Ibis                                                          | Threskiornithidae<br>Threskiornis aethipicus                           | Columbia<br>Nicaragua<br>l      | $\frac{34}{37}$                      |
|                                                               | PHOENICOPTERIDAE                                                       |                                 |                                      |
| [Greater] Flamingo                                            | Phoenicopterus<br>[antiquorum]<br>Phoenicopterus ruber<br>P. r. roseus | Botswana<br>Kenya               | 8<br>4<br>12                         |
| [Roseate] Flamingo<br>American Flamingo<br>Caribbean Flamingo | Phoenicopterus ruber<br>Phoenicopterus sp.<br>"Aves de Ornato"         | *Argentina<br>Haiti<br>Mexico   | 20 <sup>2</sup><br>184<br>204<br>408 |
| [Chilean] Flamingo                                            | Phoenicopterus chilensis                                               | Argentina                       | 6                                    |
| James' Flamingo                                               | Phoenicoparrus jamesi                                                  | Bolivia                         | 5                                    |

The ten birds listed under this name (eight from Colombia and two from Nicaragua) were likely *Plegadis falcinellus*. <sup>2</sup>It seems likely that these birds were either *Phoenicopterus chilensis* or *Phoenicoparrus jamesi*.

| Common Name                                              | Scientific Name                               | Country of<br>Origin            | Number<br>Reported   |
|----------------------------------------------------------|-----------------------------------------------|---------------------------------|----------------------|
| Flamingo                                                 | Phoenicopterus sp.                            | Argentina                       | 40                   |
|                                                          | ANSERIFORMES<br>ANHIMIDAE                     |                                 |                      |
| Horned Screamer<br>Screamer                              | Anhima cornuta                                | Colombia<br>Peru                | 8<br>4<br>12         |
| [Crested] Screamer                                       | Chauna torquata                               | Colombia                        | 7                    |
| Black-necked Screamer<br>Screamer                        | Chauna chavaria                               | Colombia                        | 23                   |
| Screamer                                                 | Anatidae                                      | Colombia                        | 5                    |
|                                                          | ANATIDAE                                      |                                 |                      |
| Trumpeter Swan                                           | +[Olor buccinator]<br>Cygnus cygnus           | *England                        | 2 <sup>2</sup>       |
| [Mute] Swan                                              | Cygnus olor                                   | Unknown                         | 2                    |
| Black-necked Swan                                        | Cygnus melancoriphus<br>Cygnus atratus        | Argentina<br>Brazil<br>*England | 18<br>24<br>13<br>55 |
| [Snow Goose]                                             | [Chen] caerulescens                           | *England                        | 4                    |
| Ross' Snow Goose                                         | [Chen] rossii                                 | *England                        | 6                    |
| White-fronted Goose<br>Greenland White-<br>fronted Goose | +Anser albifrons<br>A. a. flavirostris        | England                         | 2                    |
| Lesser White-fronted<br>Goose                            | +Anser erythropus                             | *England                        | 2                    |
| Western Bean Goose                                       | +Anser [fabalis fabalis]<br>Anser ænser ænser | England                         | 2                    |
| Bar-headed Goose                                         | +Anser indicus                                | *England                        | 2                    |
| lit sooms likely that                                    | these birds were either Phot                  | enicontemus chi                 | lensis or            |

 $<sup>^1\</sup>mathrm{It}$  seems likely that these birds were either Phoenicopterus chilensis or Phoenicoparrus jamesi.  $^2\mathrm{These}$  birds may have been Whooping Swans, Olor cygnus.

| Common Name                               | Scientific Name                               | Country of<br>Origin             | Number<br>Reported                                |
|-------------------------------------------|-----------------------------------------------|----------------------------------|---------------------------------------------------|
| Swan Goose                                | Anser cygnoides                               | *England                         | 2                                                 |
| Canada Goose<br>Cackling Goose            | Branta canadensis<br>B. [c.] minima           | Canada<br>*England               | $\begin{array}{c} 26 \\ \frac{2}{28} \end{array}$ |
| Red-breasted Goose                        | Branta ruficollis                             | *Canada<br>*England              | 10<br>6<br>16                                     |
| Nene                                      | Branta sandvicensis                           | *England<br>Unknown              | 56<br>2<br>58                                     |
| Ashy-headed Goose                         | Chloephaga poliocephala                       | *England                         | 4                                                 |
| Ruddy-headed Goose                        | Chloephaga rubidiceps<br>Tadorna ferrugine:   | *England                         | 6                                                 |
| Abyssinian Blue-winged<br>Goose           | Cyanochen cyanopterus                         | *England                         | 6                                                 |
| Maned Goose                               | Chenonetta jubata                             | *England                         | 2                                                 |
| White-faced Tree Duck                     | Dendrocygna viduata                           | Argentina<br>*England<br>Unknown | 3<br>2<br>4<br>9                                  |
| Red-billed Tree Duck                      | Dendrocygna autumnalis<br>Anas erythrorhyncha | *England                         | 2                                                 |
| [Indian Whistling Duck]<br>Whistling Teal | +Dendrocygna javanica                         | Thailand                         | 4                                                 |
| Cuban Whistling Duck                      | Dendrocygna arborea                           | *England                         | 2                                                 |
| Eyton's Tree Duck                         | Dendrocygna eytoni                            | *England                         | 2                                                 |
| Tree Ducks                                | [Dendrocygna sp.]<br>Oxyura jamaicensis       | Nicaragua                        | 3                                                 |
| Comb Duck                                 | Sarkidiornis melanotos                        | *England                         | 4                                                 |
| Muscovy Duck                              | Cairina moschata                              | Argentina                        | 2                                                 |

| Common Name                                            | Scientific Name                                             | Country of<br>Origin                 | Number<br>Reported |
|--------------------------------------------------------|-------------------------------------------------------------|--------------------------------------|--------------------|
| [Australian Shelduck]<br>Chestnut-breasted<br>Shelduck | +[Tadorma] tadormoides<br>Casarca tadormoides               | Australia                            | 2                  |
| Paradise Shelduck                                      | Tadorma variegata                                           | *England                             | 2                  |
| [Common] Shelduck                                      | Tadorna tadorna                                             | England                              | 32                 |
| Laysan Teal                                            | [Anas laysanensis]                                          | Unknown                              | 4                  |
| New Zealand Grey Duck                                  | [Anas superciliosa]<br>Tadorna variegata                    | *England                             | 4                  |
| Australian Grey Teal                                   | +Anas gibberifrons<br>A. g. gracilis<br>Tadorna tadornoides | *Canada<br>*England                  | 2<br>2<br>4        |
| Cape Teal                                              | Anas capensis                                               | *England                             | 2                  |
| [Common] Teal                                          | Anas crecca                                                 | Denmark                              | 4                  |
| Baikal Teal                                            | +Anas formosa                                               | Japan<br>*W. Germany                 | 8<br>29<br>37      |
| Falcated Teal                                          | Anas falcata                                                | *England                             | 2                  |
| Ringed Teal                                            | [Anas]leucophrys                                            | Argentina<br>*England<br>*W. Germany | 3<br>4<br>10<br>17 |
| Brazilian Teal                                         | [Anas]brasiliensis                                          | Argentina<br>Brazil                  | 41<br>20<br>61     |
| [Patagonian] Crested<br>Duck                           | (Anas specularoides)<br>Anas rubripes                       | *Scotland                            | 2                  |
| Puna Teal<br>Silver Teal                               | Anas versicolor<br>A. v. puna<br>A. v. fretensis            | Argentina<br>*England                | 3<br>2<br>5        |
| Chilean Teal                                           | Anas flavirostris<br>A. f. flavirostris                     | Argentina<br>*England                | $\frac{3}{8}$      |

| Common Name                  | Scientific Name                             | Country of<br>Origin         | Number<br>Reported                                                          |
|------------------------------|---------------------------------------------|------------------------------|-----------------------------------------------------------------------------|
| Marbled Teal                 | +Anas angustirostris                        | *England                     | 2                                                                           |
| Red-billed Pintail           | Anas erythrorhyncha                         | *England                     | 2                                                                           |
| Chiloe Widgeon               | Anas sibilatrix                             | *England                     | 2                                                                           |
| Mandarin Duck                | *Aix galericulata                           | *Paraguay                    | 10                                                                          |
| Rosy-billed Pochard          | +Netta peposaca                             | Argentina                    | 82                                                                          |
| Ring-necked Duck             | Aythya collaris                             | *England                     | 2                                                                           |
| King Eider                   | Somateria spectabilis                       | Canada                       | 2                                                                           |
| Smew                         | +Mergus albellus                            | Yugoslavia                   | 6                                                                           |
|                              | FALCONIFORMES<br>CATHARTIDAE                |                              |                                                                             |
| Andean Condor                | Vultur gryphus                              | Argentina                    | 4                                                                           |
| King Vulture<br>Vulture      | Sarcoramphus papa                           | Colombia<br>Guyana<br>Peru   | 22<br>1<br>5<br>28                                                          |
| Black Vulture                | +[Coragyps atratus] Sarcoramphus sp.        | Colombia                     | 13                                                                          |
|                              | SAGITTARIIDAE                               |                              |                                                                             |
| Secretary Bird               | Sagittarius serpentarius<br>Gypogeranus sp. | Botswana<br>Kenya<br>Nigeria | $   \begin{array}{r}     17 \\     10 \\     \hline     128   \end{array} $ |
|                              | ACCIPITRIDAE                                |                              |                                                                             |
| Black-shouldered Kite        | Elanus caeruleus<br>Haliastur indus         | Thailand                     | 16                                                                          |
| White-tailed Kite            | Elanus leucurus                             | Nicaragua                    | 4                                                                           |
| Brown-crested Lizard<br>Hawk | +[Aviceda jerdoni] Accipiter sp.            | Thailand                     | 1                                                                           |

| Common Name                            | Scientific Name                                                                                                                                           | Country of<br>Origin                        | Number<br>Reported                                                                                     |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Black-crested Lizard<br>Hawk           | *[Aviceda leuphotes]<br>Morphnus guianensis                                                                                                               | Thailand                                    | 3                                                                                                      |
| Honey Buzzard                          | <sup>+</sup> [Pernis ptilorhynchus]<br>Buteo sp.                                                                                                          | India                                       | 2                                                                                                      |
| Double-toothed Kite                    | *Harpagus bidentatus                                                                                                                                      | Ecuador                                     | 2                                                                                                      |
| [Snail Kite]<br>Hawk                   | *Rostrhamus sociabilis                                                                                                                                    | Nicaragua                                   | 1                                                                                                      |
| Brahminy Kite                          | Haliastur indus                                                                                                                                           | Thailand                                    | 4                                                                                                      |
| [Northern] Goshawk                     | Accipiter gentilis<br>A. g. gentilis                                                                                                                      | Belgium<br>Sweden<br>Thailand<br>W. Germany | $   \begin{array}{c}     1 \\     1 \\     41 \\     \hline     8 \\     \hline     14   \end{array} $ |
| Shikra<br>Shikra Hawk<br>Shikra Falcon | Accipiter badius Accipitridae "Shikra" Falco jugger Falco sp. Lanarius atrococcineus Lanarius sp. Hemipus picatus Gramsorhynchus rufulus Melophus lathami | India<br>Pakistan<br>Thailand<br>Unknown    | 67<br>4<br>63<br>1<br>135                                                                              |
| Chinese Goshawk                        | *Accipiter [soloensis]                                                                                                                                    | Thailand                                    | 2                                                                                                      |
| Crested Goshawk<br>Crested Shikra      | Accipiter trivirgatus<br>Accipiter badius                                                                                                                 | Taiwan<br>Thailand                          | $\frac{1}{\frac{1}{2}}$                                                                                |
| Bicolored Hawk                         | Accipiter bicolor                                                                                                                                         | Colombia                                    | 1                                                                                                      |
| Hawk                                   | [Accipiter ? sp.?] Accipiter gentilis Accipiter superciliosus                                                                                             | Peru<br>Thailand                            | $\frac{33}{83}$                                                                                        |
|                                        |                                                                                                                                                           |                                             |                                                                                                        |

 $ar{\mathbf{I}}$  It seems more likely that these birds were *Accipiter trivirgatus* or A. soloensis.
<sup>2</sup>If indeed Accipiter, these birds were probably Accipiter bicolor or

A. superciliosus or A. poliogaster.

These birds were probably Accipiter trivirgatus or A. virgatus.

| Common Name                         | Scientific Name                                        | Country of<br>Origin          | Number<br>Reported      |
|-------------------------------------|--------------------------------------------------------|-------------------------------|-------------------------|
| [Savannah] Hawk                     | Heterospizias meridionalis                             | Colombia                      | 4                       |
| [Red-tailed] Hawk                   | Buteo jamaicensis                                      | Nicaragua                     | 2                       |
| Roadside Hawk<br>Hawk               | Buteo magnirostris                                     | Colombia<br>Nicaragua<br>Peru | 99<br>5<br>1<br>105     |
| Grey Hawk                           | *Buteo [nitidus] Buteo sp.                             | Colombia                      | 3                       |
| [Hawk]<br>Red-shouldered Hawk       | [Buteo ? sp.?] Buteo lineatus                          | Colombia                      | 21                      |
| Harris Hawk<br>Falcon               | *Parabuteo unicinctus<br>P. u. harrisi                 | Colombia<br>Mexico            | $\frac{1}{\frac{2}{3}}$ |
| [White] Hawk                        | Leucopternis albicollis<br>L. a. williaminae           | Colombia                      | 1                       |
| White-eyed [Teesa] Hawk             | Butastur teesa                                         | India                         | 22                      |
| [Great Black] Hawk                  | [Buteogallus urubitinga]<br>Urubitinga zonura          | Nicaragua                     | 7                       |
| Black Hawk                          | [Buteogallus sp.]<br>Circus cyaneus                    | Colombia                      | 2                       |
| Black [-collared] Hawk              | *[Busarellus] nigricollis                              | Colombia                      | 2                       |
| Crested Eagle                       | Morphnus guianensis                                    | Guyana                        | 1                       |
| [Ornate Hawk Eagle]<br>Giant Falcon | Spizaetus ornatus                                      | Colombia                      | 1                       |
| Mountain Hawk Eagle<br>Hawk Eagle   | Spizaetus nipalensis<br>Spizaetus tyrannus             | India<br>Thailand             | 1<br><u>5</u><br>6      |
| Changeable Hawk Eagle               | Spizaetus cirrhatus<br>Spizaetus ornatus<br>Aquila sp. | India<br>Thailand             | 2<br>3<br>5             |
|                                     |                                                        |                               |                         |

<sup>10</sup>n a geographic basis these birds are almost certainly misnamed. Possibly they were Paributeo unicinctus or Buteo albicaudatus.

| Common Name                                      | Scientific Name                                                                                            | Country of<br>Origin                                  | Number<br>Reported              |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|---------------------------------|
| Hawk Eagle<br>Hawk                               | [Spizaetus sp.] Spizaetus nipalensis Spizaetus ornatus Stephanoaetus coronatus Harpia harpyja Aquila rapax | Colombia<br>India<br>Thailand                         | 9<br>9<br>6<br>24               |
| [Bonelli's] Hawk Eagle                           | Hieraaetus fasciatus                                                                                       | *England                                              | 1                               |
| Tawny Eagle                                      | Aquila rapax<br>Aquila heliaca<br>Morphnus guianensis                                                      | India<br>Pakistan                                     | $\frac{13}{14}$                 |
| [Verreaux's Eagle]<br>Black Eagle                | Aquila verreauxi                                                                                           | S. Africa                                             | 1                               |
| Wedge-tailed Eagle                               | <sup>+</sup> Aquila audax                                                                                  | Australia                                             | 4                               |
| Black Eagle                                      | <sup>†</sup> [Ictinaetus malayensis]<br>Aquila sp.                                                         | India                                                 | 4                               |
| [White-bellied] Sea<br>Eagle                     | *Haliaeetus leucogaster                                                                                    | Thailand                                              | 4                               |
| Pallas' Fishing Eagle                            | *[Haliaeetus leucoryphus]                                                                                  | India                                                 | 2                               |
| Lappet-faced Vulture                             | <sup>+</sup> Torgos tracheliotus                                                                           | Botswana                                              | 4                               |
| Cinereous Vulture                                | [Aegypius] monachus                                                                                        | Pakistan                                              | 6                               |
| Hawk<br>Gavilan<br>Marsh Hawk Bird<br>Night Hawk | Circus cyaneus                                                                                             | *Brazil<br>Colombia<br>*Ecuador<br>Nicaragua<br>*Peru | 1<br>168<br>1<br>7<br>15<br>192 |
| Crane Hawk                                       | Geranospiza caerulescens                                                                                   | Colombia                                              | 9                               |
| Bateleur Eagle                                   | [Terathopius ecaudatus]                                                                                    | *Holland                                              | 12                              |

The majority, if not all, of these birds are probably misnamed. "Hawk--Circus cyaneus" is apparently a catchall used by several of the principal importers for any hawk imported from the new world tropics.

| Common Name                                                                        | Scientific Name                                                                                                       | Country of<br>Origin            | Number<br>Reported                    |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|---------------------------------|---------------------------------------|
| Crested Serpent Eagle                                                              | Spilornis cheela Spizaetus ornatus Terathopicus ecaudatus Aquila rapax Aquila sp. Dichoeros bicornis                  | India<br>Thailand               | 10<br>15<br>25                        |
| [Unidentifiable Hawks] <sup>1</sup> Hawk Black Hawk White Hawk Vulture Gold Chalck | [Accipitridae] Cyanicterus cyanicterus Sarcoramphus papa Caracara plancus Buteo magnirostris Geranospiza caerulescens | Colombia<br>Nigeria<br>Pakistan | $\frac{\frac{3}{11}}{\frac{6}{20}}$ . |
|                                                                                    | *PANDIONIDAE                                                                                                          |                                 |                                       |
| Osprey                                                                             | *Pandion haliaetus                                                                                                    | Mexico                          | 1                                     |
|                                                                                    | FALCONIDAE                                                                                                            |                                 |                                       |
| Collared Forest Falcon                                                             | Micrastur semitorquatus                                                                                               | Colombia                        | 1                                     |
| Lined Forest Falcon                                                                | *Micrastur ruficollis<br>Micrastur gilvicollis                                                                        | Colombia<br>Paraguay            | 1<br>4<br>5                           |
| Falcon                                                                             | [Mic astur sp.]<br>Micrastur aequatorialis                                                                            | Unknown                         | 1                                     |
| Yellow-headed Caracara                                                             | Milvago chimachima                                                                                                    | *Nicaragua                      | 1                                     |
| [Common] Caracara<br>Crested Caracara                                              | [Polyborus] plancus<br>Caracara cherivay<br>Polyborus brasiliensis                                                    | Colombia<br>Nicaragua           | 25<br>25<br>50                        |
| White-rumped Falconet                                                              | Polihierax insignis<br>Microhierax caerulescens<br>Trigonoceps caerulescens<br>"Falconets"                            |                                 | 15                                    |
| Red-thighed Falconet<br>Falconet                                                   | Microhierax caerulescens<br>Daptrius americanus<br>Falco peregrinus                                                   | Thailand                        | 643                                   |
| 1                                                                                  |                                                                                                                       |                                 | ,                                     |

On a geographic basis none of the names used in this entry could be identified adequately. It seems possible that two White Hawks from Nigeria were Neophron percnopterus.

| Common Name                            | Scientific Name                                                                  | Country of<br>Origin                         | Number<br>Reported                                       |
|----------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------|----------------------------------------------------------|
| Lanner Falcon                          | Falco biarmicus                                                                  | S. Africa                                    | 2                                                        |
| Saker Falcon                           | Falco cherrug                                                                    | India<br>Pakistan<br>Saudi Arabia<br>Unknown | 2<br>10<br>2<br>1<br>15                                  |
| Laggar Falcon                          | Falco jugger                                                                     | India *Nigeria Pakistan *Thailand Unknown    | 55<br>12 <sup>1</sup><br>2<br>10 <sup>1</sup><br>2<br>81 |
| Falcon                                 | Falco jugger                                                                     | *Colombia<br>*Ecuador<br>*Paraguay<br>*Peru  | 622<br>2<br>18<br>3<br>645 <sup>2</sup>                  |
| Peregrine Falcon<br>Shaheen Falcon     | Falco peregrinus<br>Falco pelegrinoides<br>Falco peregrinator<br>Falco "shaheen" | Colombia<br>India<br>Spain                   | $\frac{6}{17}$ $\frac{2}{25}$                            |
| [Bat] Falcon                           | Falco (rufigularis)<br>Falco albigularis                                         | Colombia                                     | 1                                                        |
| Red-headed Merlin<br>Red-headed Falcon | Falco chicquera<br>Falco c. chicquera<br>Falco columbarius<br>Falco aesalon      | India<br>Unknown                             | 26<br>2<br>28                                            |
| [Lesser] Kestrel                       | Falco naumanni                                                                   | India                                        | 3                                                        |
| Kestrel<br>Sparrow Hawk                | Falco tinnunculus<br>Falco sparverius                                            | India                                        | 69                                                       |
| [American] Kestrel<br>Hawk             | Falco sparverius<br>Caracara plancus                                             | Nicaragua<br>Paraguay                        | 1<br>6<br>7                                              |

<sup>&</sup>lt;sup>1</sup>These were likely some other species of falcon; those from Thailand were probably *Microhierax caerulescens* while those from Nigeria may well have been *Falco peregrinus*.

<sup>&</sup>lt;sup>2</sup>We believe that virtually all of these birds are misidentified. Many of the principal importers of falcons evidently use "Falcon--Falco jugger" as a catchall for any species of falcon occurring in South America.

| Common Name                              | Scientific Name                                                                                                | Country of Origin               | Number<br>Reported             |
|------------------------------------------|----------------------------------------------------------------------------------------------------------------|---------------------------------|--------------------------------|
| Falcon "Small Pangolin Falcon"           | Falco sp.                                                                                                      | Colombia<br>Thailand            | 6<br>1<br>7                    |
| Falcon<br>Crested Falconet               | [Falconidae] Microhierax caerulescens Spizaetus ornatus Melophus lathami Ramphastos cuvieri Buteo magnirostris | Colombia<br>Ecuador<br>Thailand | $\frac{471}{1}$ $\frac{2}{50}$ |
|                                          | GALLIFORMES<br>MEGAPODIIDAE                                                                                    |                                 |                                |
| Brush Turkey                             | Alectura lathami<br>A. l. lathami                                                                              | *Hawaii                         | 6                              |
|                                          | CRACIDAE                                                                                                       |                                 |                                |
| [Crestless] Curassow                     | *Mitu tomentosa                                                                                                | Unknown                         | 1                              |
| [Helmeted] Curassow                      | <sup>+</sup> Pauxi pauxi                                                                                       | Unknown                         | 1                              |
| [Black Curassow] "Petrel"                | Crax [nigra]<br>Crax alector                                                                                   | Unknown                         | 2                              |
| [Yellow-knobbed<br>Curassow]<br>"Petrel" | Crax [alherti]<br>Crax daubentoni                                                                              | Unknown                         | 5                              |
| [Great] Curassow                         | Crax rubra                                                                                                     | Mexico<br>Nicaragua             | 2<br>3<br>5                    |
| [Crested Guan]                           | *Penelope purpurascens                                                                                         | Unknown                         | 4                              |
| [Band-tailed Guan]                       | *Penelope argyrotis                                                                                            | Unknown                         | 2                              |
| [Little Chachalaca]                      | <sup>†</sup> Ortalis motmot                                                                                    | Unknown                         | 2                              |
| [Rufous-vented<br>Chachalaca]            | *Ortalis ruficauda                                                                                             | Unknown                         | 4                              |
| IPAGA AND AG AND AND A STATE             |                                                                                                                |                                 |                                |

<sup>&</sup>lt;sup>1</sup>Fifteen of these birds were listed on the import forms as *Microhierax* caerulescens which seems so unlikely that we doubt their identification.

| Common Name                              | Scientific Name                                    | Country of<br>Origin | Number<br>Reported |
|------------------------------------------|----------------------------------------------------|----------------------|--------------------|
|                                          | TETRAONIDAE                                        |                      |                    |
| Red Grouse                               | *[Lagopus scoticus]<br>Excalfactoria chinensis     | Scotland             | 4                  |
|                                          | PHASIANIDAE                                        |                      |                    |
| [Banded] Ouail                           | *Philortyx [fasciatus]                             | Mexico               | 4                  |
| Common Bobwhite<br>Masked Bobwhite Quail | Colinus virginianus<br>C. v. ridgwayi              | Mexico               | 66                 |
| Black-throated Bobwhite                  | * *Colinus nigrogularis                            | Mexico               | 5                  |
| Bobwhite                                 | Colinus sp.                                        | Mexico               | 5                  |
| Chukar                                   | <sup>†</sup> [Alectoris graeca]                    | Unknown              | 30                 |
| Chinese Francolin                        | *[Francolinus pintadeanus]                         | Thailand             | 4                  |
| Japanese Quail                           | Coturnix coturnix                                  | Thailand             | 4                  |
| Painted Quail                            | [Excalfactoria]<br>chinensis<br>Coturnix chinensis | Thailand             | 8                  |
| Brown-breasted Hill                      | <sup>†</sup> Arborophila                           | Thailand             | 4                  |
| Partridge                                | [brunneopectus]                                    | marrand              | •                  |
| Roulroul Partridge                       | Rollulus roulroul                                  | Indonesia            | 16                 |
| [Crested] Fireback                       | Lophura ignita                                     | Indonesia            | 3                  |
| Pheasant                                 | L. i. ignita                                       | Thailand             | <u>2</u><br>5      |
| [Grey] Peacock<br>[Pheasant]             | Polyplectron<br>bicalcaratum<br>P. b. bicalcaratum | India                | 2                  |
| [Argus] Pheasant                         | Argusianus argus<br>Argusianus a. argus            | Singapore            | 8                  |
| Pheasant                                 | Phasianidae                                        | *Canada              | 100 <sup>1</sup>   |

<sup>&</sup>lt;sup>1</sup>These were probably *Phasianus colchicus*, not otherwise listed.

| Common Name                                  | Scientific Name                                             | Country of<br>Origin         | Number<br>Reported   |
|----------------------------------------------|-------------------------------------------------------------|------------------------------|----------------------|
|                                              | NUMIDIDAE                                                   |                              | *                    |
| Vulturine Guinea Fowl                        | Acryllium vulturinum                                        | *Holland<br>Kenya            | 4<br>12<br>16        |
|                                              | GRUIFORMES<br>TURNICIDAE                                    |                              |                      |
| Natal Hemipode<br>Kurrichane Button<br>Quail | *Turnix sylvatica<br>Turnix hottentotta                     | Mozambique                   | 27                   |
| Hottentot Button Quail                       | <sup>†</sup> Turnix hottentotta                             | *Mozambique                  | 101                  |
| Yellow-legged Button<br>Quail                | *Turmix tanki                                               | Thailand                     | 24                   |
|                                              | GRUIDAE                                                     |                              |                      |
| Common Cranes<br>Eastern Gray Crane          | *Grus grus<br>Grus grus lilfordi                            | Hong Kong                    | 40                   |
| Saras Crane<br>Red-headed Saras<br>Crane     | Grus antigone<br>Tockus deckeni                             | India                        | 8                    |
| Demoiselle Crane                             | Anthropoides virgo                                          | India                        | 14                   |
| Blue Crane                                   | [Anthropoides] paradisea<br>Neotis stanleyi                 | Mozambique                   | 16                   |
| Crowned Crane                                | Balearica pavonina<br>Balearica regulorum<br>Aratinga aurea | *Holland<br>Kenya<br>Nigeria | 17<br>20<br>33<br>70 |
|                                              | *ARAMIDAE                                                   |                              |                      |
| Limpkin                                      | *Aramus guarauna                                            | Nicaragua                    | 15                   |

On a geographical basis, *Turnix nana* seems more likely. Advertisements by the firm that imported them suggest that they were actually African Harlequin Quail, *Coturnix delegorquei*, not otherwise listed.

| Common Name                                   | Scientific Name                                                             | Country of<br>Origin                    | Number<br>Reported       |
|-----------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------|--------------------------|
|                                               | PSOPHIIDAE                                                                  |                                         |                          |
| Gray-winged Trumpeter                         | Psophia crepitans<br>Chamesaura aenea                                       | Brazil<br>Colombia<br>*Paraguay<br>Peru | 8<br>31<br>2<br>33<br>74 |
| White-winged Trumpeter                        | Psophia leucoptera<br>Psophia crepitans                                     | *Colombia<br>Peru                       | 6<br>2<br>8              |
|                                               | RALLIDAE                                                                    |                                         |                          |
| [Kaffir Rail]<br>Cape Rail                    | *Rallus caerulescens<br>Rallus cinerescens                                  | Mozambique                              | 1                        |
| [Banded Rail]                                 | *Rallus philippensis                                                        | Fiji                                    | 4                        |
| [Gray-necked Wood]<br>Rail                    | Aramides cajanea                                                            | Peru                                    | 3                        |
| African Crake                                 | *[Crecopsis] egregia                                                        | Mozambique                              | 3                        |
| Black Crake                                   | *Limnocorax flavirostra                                                     | Mozambique                              | 13                       |
| Green Gallinule                               | Porphyrio porphyrio                                                         | *Hong Kong                              | 1                        |
| [American Coot]<br>Beach Hen<br>Beach Chicken | *Fulica americana                                                           | Nicaragua                               | 8                        |
| Rail                                          | [Rallidae]<br>Eubucco bourcierii                                            | Peru                                    | 1                        |
|                                               | EURYPYGIDAE                                                                 |                                         |                          |
| Sun Bittern                                   | Eurypyga helias<br>Botauris sp.<br>Chunga burmeisteri<br>Buthraupis montana | Peru                                    | 34                       |
|                                               | CARIAMIDAE                                                                  |                                         |                          |
| [Red-legged] Seriama                          | Cariama cristata                                                            | Brazil                                  | 2                        |

| Common Name                    | Scientific Name                                           | Country of<br>Origin           | Number<br>Reported  |
|--------------------------------|-----------------------------------------------------------|--------------------------------|---------------------|
|                                | OTIDIDAE                                                  |                                |                     |
| Kori Bustard                   | [Choriotis kori]<br>Otis tarda                            | *Holland                       | 3                   |
| Lesser Bustard<br>Korhaan      | [Otididae]<br>Tetrax tetrax<br>Laniarius barbarus         | Botswana                       | 1111                |
|                                | CHARADRIIFORMES<br>JACANIDAE                              |                                |                     |
| [Pheasant-tailed] Jacana       | *Hydrophasianus chirurgus                                 | Thailand                       | 15                  |
| [American] Jacana<br>Tanrrilla | Jacana spinosa<br>Jacana jacana<br>Actophilornis africana | Argentina<br>Nicaragua<br>Peru | 2<br>87<br>4<br>932 |
|                                | +HAEMATOPODIDAE                                           |                                |                     |
| Oystercatcher                  | <sup>†</sup> Haematopus ostralegus<br>Haematopus bachmani | Denmark                        | 3                   |
|                                | CHARADRIIDAE                                              |                                |                     |
| Little Ringed Plover           | [Charadrius sp.] SCOLOPACIDAE                             | Kenya                          | 1                   |
| Spotted Redshank               | *Tringa erythropus                                        | Denmark                        | 2                   |
| Ruff                           | *Philomachus pugnax                                       | Denmark                        | 3                   |
|                                | RECURVIROSTRIDAE                                          |                                |                     |
| Black-necked Stilt             | Himantopus [himantopus]                                   | Nicaragua                      | 2                   |

<sup>1</sup>The scientific and common names listed on the import forms, when taken in conjunction with the country of origin, are so unlikely that the placement of these birds is highly doubtful.

<sup>2</sup>Almost half (46) were listed as *Actophilornis africana*. However, an

Almost half (46) were listed as Actophilornis africana. However, an analysis of other species occurring on import forms on which jacanas were listed, as well as area of origin, indicates that these birds were really Jacana spinosa. In retrospect we think it likely that many of the birds listed in the 1969 import list as Actophilornis africanus were actually Jacana spinosa.

| Common Name                           | Scientific Name                               | Country of Origin | Number<br>Reported |
|---------------------------------------|-----------------------------------------------|-------------------|--------------------|
|                                       | BURHINIDAE                                    |                   |                    |
| [Double-striped] Thick-knee           | Burhinus bistriatus<br>Burhinus superciliaris | Nicaragua         | 21                 |
|                                       | GLAREOLIDAE                                   |                   |                    |
| Crocodile Bird<br>(= Egyptian Plover) | Pluvianus aegypticus                          | Nigeria           | 20                 |
| Pratincole                            | Glareola sp.                                  | Kenya             | 2                  |
|                                       | LARIDAE                                       |                   |                    |
| Black-headed Gull                     | *Larus ridibundus                             | Denmark           | 4                  |
| Inca Tern                             | Larosterna inca                               | Peru              | 70                 |
|                                       | COLUMBIFORMES<br>COLUMBIDAE                   |                   |                    |
| Thick-billed Green<br>Pigeon          | *Treron curvirostra                           | Thailand          | 14                 |
| Orange-breasted<br>Green Pigeon       | *Treron bicincta                              | Thailand          | 10                 |
| Yellow-footed Green<br>Pigeon         | *[Treron phoenicoptera]                       | Thailand          | 2                  |
| [Pacific Pigeon] Dove                 | *Ducula pacifica                              | Fiji              | 4                  |
| Pied Imperial Pigeon                  | *[Ducula bicolor]                             | Thailand          | 4                  |
| Pigeon                                | Columba livia                                 | Canada<br>Unknown | 14<br>4<br>18      |
| Red Turtle Dove                       | <sup>+</sup> [Streptopelia<br>tranquebarica]  | Thailand          | 6                  |
| Zebra Dove                            | Geopelia striata                              | Thailand          | 26                 |
| Pigmy Dove                            | <sup>+</sup> Columbigallina minuta            | *Belgium          | 2                  |

| Common Name                             | Scientific Name                                                            | Country of<br>Origin | Number<br>Reported |
|-----------------------------------------|----------------------------------------------------------------------------|----------------------|--------------------|
| [Namaqua] Dove<br>Cape Dove             | *Oena capensis                                                             | Mozambique           | 50                 |
| Tambourine Dove                         | *Tympanistria tympanistris                                                 | Kenya                | 5                  |
| Emerald Dove                            | <sup>†</sup> Chalcophaps [indica]<br>Chalcophaps b <del>r</del> unneopects | Thailand<br>us       | 12                 |
| Nicobar Pigeon                          | Caloenas nicobarica                                                        | Thailand             | 4                  |
| [Blue]-crowned Pigeon                   | Goura cristata                                                             | *Singapore           | 6                  |
| Victoria Crowned<br>Pigeon              | Goura victoria                                                             | *Singapore           | 4                  |
| Crowned Pigeon                          | [Goura sp.]<br>Columbidae                                                  | *Singapore           | 24                 |
| Blaze-faced Pigeon                      | [Columbidae]                                                               | England              | 10                 |
|                                         | PSITTACIFORMES<br>PSITTACIDAE                                              |                      |                    |
| Black Lory                              | [Chalcopsitta atra] "Psitticines"                                          | *Singapore           | 6                  |
| Black-winged Lory                       | *[Eos cyanogenia] "Psitticine sp."                                         | *Singapore           | 1                  |
| Blue-streaked Lory                      | <sup>†</sup> [Eos reticulata] "Psitticine sp."                             | *Singapore           | 9                  |
| Violet-neck[ed Lory]                    | <sup>†</sup> [Eos squamata]<br>"Psitticine sp."                            | *Singapore           | 12                 |
| Blue-tailed Lory                        | *Eos histrio                                                               | *Hong Kong           | 2                  |
| Red Moluccan Lory                       | [Eos bornea] "Psitticine sp."                                              | *Singapore           | 60                 |
| Ornate (Lory)                           | [Trichoglossus ornatus] ''Psitticine sp.''                                 | *Singapore           | 4                  |
| Rainbow Lorikeet<br>Mitchell's Lorikeet | [Trichoglossus haematod] "Psitticine sp."                                  | *Singapore           | 423                |

| Common Name                                                                          | Scientific Name                                           | Country of<br>Origin                               | Number<br>Reported                                                                                          |
|--------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| Dusky Lory                                                                           | <sup>†</sup> [Pseudeos fuscata]<br>"Psitticines"          | *Singapore                                         | 1                                                                                                           |
| Black-capped Lory                                                                    | [Domicella lory]<br>Pteruthius<br>erythropterus           | *Hong Kong<br>*Singapore                           | $\frac{1}{29}$ 1                                                                                            |
| Chattering Lory                                                                      | [Domicella garrula] "Psitticine sp."                      | Singapore                                          | 731                                                                                                         |
| [Blue-crowned] Lory<br>Blue-crested Lory                                             | *Vini australis                                           | W. Samoa                                           | 5                                                                                                           |
| Palm Cockatoo                                                                        | [Probosciger aterrimus]                                   | *Hong Kong                                         | 1                                                                                                           |
| Black Cockatoo                                                                       | [Calyptorhynchus sp.] "Psitticines"                       | *Singapore                                         | 6                                                                                                           |
| Greater Sulphur-<br>crested Cockatoo<br>Triton Cockatoo<br>Cockatoo                  | [Kakatoe] galerita "Psitticine sp."                       | Australia<br>*Colombia<br>*Hong Kong<br>*Singapore | $     \begin{array}{r}             1 \\             84^{2} \\             1 \\             3 \\           $ |
| Lesser Sulphur-<br>crested Cockatoo<br>Citron-crested<br>Cockatoo<br>Lesser Cockatoo | Kakatoe sulphurea K. s. citrino [-cristata] "Psitticines" | *Hong Kong<br>*Panama<br>*Singapore                | 1<br>16<br>33<br>50                                                                                         |
| White-crested Cockatoo<br>White-crested Umbrel<br>Cockatoo                           |                                                           | *Singapore                                         | 7                                                                                                           |
| Moluccan Cockatoo<br>Red-crested Moluccan<br>Cockatoo                                | Kakatoe moluccensis "Psitticine sp."                      | *Singapore                                         | 14                                                                                                          |
| Bare-eyed [Cockatoo]                                                                 | [Kakatoe sanguinea]<br>"Psitticines"                      | *Singapore                                         | 1                                                                                                           |
| Galah<br>Roseate Cockatoo                                                            | Kakatoe roseicapilla                                      | Australia                                          | 8                                                                                                           |

 $<sup>^{1}\</sup>mathrm{This}$  number is inexact as some birds were in mixed shipments.  $^{2}\mathrm{The}$  identity of these birds is highly doubtful.

|                                                 |                                                            |                                             | •                                                               |
|-------------------------------------------------|------------------------------------------------------------|---------------------------------------------|-----------------------------------------------------------------|
| Common Name                                     | Scientific Name                                            | Country of<br>Origin                        | Number<br>Reported                                              |
| Cockatoo                                        | Kakatoe sp.                                                | *Singapore                                  | 16                                                              |
| Blue and Gold Macaw<br>Colombian Macaw          | Ara ararauna<br>"Guacamaya azul"                           | Colombia<br>Panama<br>Paraguay<br>Peru      | 135<br>5<br>11<br>6<br>157                                      |
| Military Macaw                                  | Ara militaris                                              | Colombia<br>*Guatemala                      | 82<br>2<br>84                                                   |
| Scarlet Macaw<br>Red Macaw                      | Ara macao<br>Ara chloroptera <sup>1</sup><br>Ara sp.       | Colombia<br>Guatemala<br>Honduras<br>Panama | 50<br>13<br>2<br>5<br>70                                        |
| Green-winged Macaw                              | Ara chloroptera<br>Ara maracana<br>Ara ararauna<br>Ara sp. | Colombia<br>Paraguay<br>Peru                | 16<br>75<br><u>5</u><br>96                                      |
| Severe Macaw                                    | Ara severa<br>Ara s. severa                                | Colombia                                    | 9                                                               |
| Illiger's Macaw                                 | Ara maracana                                               | Paraguay                                    | 61                                                              |
| Macaw<br>Colombian Macaw                        | Psittacidae<br>"Guacamaya"                                 | Colombia<br>Peru<br>Unknown                 | $ \begin{array}{c} 31 \\ 1 \\ \underline{1} \\ 33 \end{array} $ |
| Sharp-tailed Conure                             | Aratinga acuticaudata                                      | Paraguay                                    | 70                                                              |
| [Queen of Bavaria]<br>Conure<br>"Garabu Conure" | Aratinga guarouba                                          | Brazil                                      | 5                                                               |
| Cherry [-headed] Conure                         | Aratinga erythrogenys                                      | *Guatemala                                  | 1                                                               |

 $<sup>\</sup>bar{\rm I}$  The four birds (from Colombia) listed with this name may be referable to the next species listed.

| Common Name                                                       | Scientific Name                                                                                                                       | Country of<br>Origin               | Number<br>Reported                 |
|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|------------------------------------|
| Green Conure                                                      | Aratinga leucophthalmus<br>Nandayus nenday                                                                                            | Colombia<br>*Guatemala<br>Paraguay | $\frac{20}{1}$ 1 $\frac{530}{551}$ |
| Jenday Conure<br>Yendaya Conure                                   | Aratinga jandaya                                                                                                                      | *W. Germany                        | 150                                |
| Aztec Conure                                                      | Aratinga astec<br>Aratinga a. astec                                                                                                   | Guatemala                          | 12                                 |
| Halfmoon Conure                                                   | Aratinga canicularis A. c. eburnirostrum "Cotorra Pecho Gris"                                                                         | Guatemala<br>Mexico                | 89<br>27,898<br>27,987             |
| [Brown-throated]<br>Conure<br>Margarita Conure                    | Aratinga pertinax<br>A. p. aeruginosa                                                                                                 | Colombia                           | 85                                 |
| Golden-crowned Conure                                             | Aratinga aurea<br>A. aurea aurea<br>A. aurea major                                                                                    | Paraguay                           | 1,196                              |
| Nanday Conure                                                     | Nandayus nenday                                                                                                                       | *Colombia<br>Paraguay              | $\frac{6}{5,731}$                  |
| Azara Conure<br>Red-fronted Conure<br>Chocolate-cheeked<br>Conure | [Pyrrhura] frontalis<br>Aratinga frontalis<br>Myiopsitta azara<br>Nandayus nenday                                                     | Paraguay                           | 530                                |
| Quaker Conure<br>(= Monk Parakeet)                                | Myiopsitta monachus                                                                                                                   | Paraguay                           | 14,246                             |
| Canary-winged Bee Bee<br>White-winged Parakeet                    | Brotogeris versicolurus B. v. versicolurus B. v. chiriri Brotogeris sp. Myiopsitta monachus "Perico Ala Amarilla" "Perico Ala Blanca" | Colombia<br>Paraguay<br>Peru       | 8,407<br>124<br>45,563<br>54,094   |

<sup>&</sup>lt;sup>1</sup>This bird may have been Aratinga holochlora, not otherwise listed.

| Common Name                                                      | Scientific Name                                                                                                                                    | Country of<br>Origin               | Number<br>Reported         |
|------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------|
| [Orange-chinned]<br>Parakeet<br>Tovi Parakeet                    | Brotogeris jugularis                                                                                                                               | Colombia<br>Guatemala<br>*Paraguay | 2,652<br>52<br>20<br>2,724 |
| Red-headed Conure<br>Cherry-head Conure<br>"Pyrrocephalus"       | <sup>†</sup> [Pionositta pileata?] <sup>1</sup> Aratinga pyrrhocephalus Pyrrhura pyrrhocephalus Nandayus nenday Pionus maximiliani "Pyrrocephalus" | Paraguay                           | 4491                       |
| Maximilian's Parrot<br>Maximilian Conure                         | Pionus maximiliani                                                                                                                                 | Paraguay                           | 1,142                      |
| White-crowned Parrot<br>White-capped Parrot                      | <sup>†</sup> Pionus senilis                                                                                                                        | *Colombia<br>Guatemala             | 24<br>14<br>38             |
| Bee Bee                                                          | "Perico Cabeza Azul"                                                                                                                               | Mexico                             | 500 <sup>2</sup>           |
| Spectacled Amazon                                                | Amazona albifrons                                                                                                                                  | Guatemala                          | 62                         |
| [Green-cheeked] Amazon<br>Red-headed Amazon<br>Red-headed Parrot | Amazona viridigenalis<br>Amazona autumnalis<br>"Lora Cejirojo"                                                                                     | Mexico                             | 2,051 <sup>3</sup>         |
| Finsch's Amazon                                                  | *Amazona finschi                                                                                                                                   | *Colombia                          | 9                          |
| Yellow-cheeked Amazon<br>Orange-cheeked Amazon                   | Amazona autumnalis<br>Amazona a. autumnalis<br>Amazona ochrocephala                                                                                | Guatemala                          | 280                        |
| [Festive Amazon]<br>Red-fronted Amazon<br>Parrot                 | Amazona festiva<br>A. f. festiva                                                                                                                   | Colombia                           | 79                         |

 $<sup>^{\</sup>rm l}$  We are uncertain of the identity of these birds, but the names used, as well as the area of origin, suggest to us that they may have been this species.

<sup>2</sup>We do not know the identity of these birds but suspect they may have

been Pionus senilis, listed above.

<sup>&</sup>lt;sup>3</sup>Some of these birds may have been *Amazona autumnalis*; the number listed is inexact as some birds were included in mixed shipments.

| Common Name                                                                                                                | Scientific Name                                                                                                                                                                         | Country of<br>Origin               | Number<br>Reported                                  |
|----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------------------------------------------|
| Blue-fronted Amazon<br>Amazon Parrot                                                                                       | Amazona aestiva <sup>l</sup><br>Psittacula alexandri<br>Psittinus cyanurus                                                                                                              | Brazil<br>Paraguay                 | $\begin{array}{c} 10 \\ 2,480 \\ 2,490 \end{array}$ |
| Yellow-headed Amazon<br>Yellow-fronted Amazon<br>Yellow-naped Amazon<br>Panama Amazon<br>Panama Parrot<br>Colombian Amazon | Amazona ochrocephala A. o. ochrocephala A. o. auropalliata A. o. panamensis A. o. oratrix Amazona oratrix Amazona panamensis Ara ararauna Chrysotis ochrocephala "Loro Frente Amarilla" | Colombia<br>Guatemala<br>Mexico    | 810<br>481<br>574 <sup>2</sup><br>1,865             |
| [Orange-winged Amazon] Blue-fronted Amazon Blue-fronted Parrot Amazon Parrot                                               | Amazona [amazonica]<br>Amazona aestiva<br>Amazona a. aestiva                                                                                                                            | Colombia<br>Peru                   | $\frac{45}{237}$                                    |
| Blue-crowned Amazon                                                                                                        | Amazona farinosa<br>Amazona f. guatemalae                                                                                                                                               | Guatemala                          | 18                                                  |
| Parrots<br>Green Amazon                                                                                                    | Amazona sp.<br>Psittacidae                                                                                                                                                              | Colombia<br>Peru<br>Paraguay       | 5<br>1<br>1,334<br>1,340                            |
| Jardine's Parrot                                                                                                           | <sup>†</sup> [Poicephalus gulielmi]<br>Erythrura sp.                                                                                                                                    | *Hong Kong                         | 1                                                   |
| Meyer's Parrot                                                                                                             | *[Poicephalus meyeri]                                                                                                                                                                   | Tanzania                           | 10                                                  |
| African Gray Parrot<br>Gray Parrot<br>Parrot                                                                               | Psittacus erithacus<br>P. e. erithacus<br>Amazona sp.<br>Psitticine sp.                                                                                                                 | Ghana<br>*Hong Kong<br>*W. Germany | 1,654<br>3<br>239<br>1,896                          |

<sup>1</sup> The vernacular Blue-fronted Amazon is used in the pet trade to refer to either this species or to Amazona amazonica, listed below. Import listings have largely been allocated by the respective ranges of the species in question. We think it likely that some of the birds listed as Amazona aestiva in a previous report (Banks and Clapp, 1972) were in fact A. amazonica.

<sup>2</sup>This number is inexact as some birds were included in mixed shipments.

| Common Name                                     | Scientific Name                                                                    | Country of<br>Origin              | Number<br>Reported         |
|-------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------|----------------------------|
| Eclectus Parrot                                 | Lorius roratus "Eclectus" "Psitticine sp."                                         | *Hong Kong<br>*Singapore          | 3<br>24<br>27              |
| Alexandrine Parakeet                            | Psittacula eupatria<br>P. e. nipalensis<br>"Psitticine sp."                        | India<br>Singapore                | 172<br>43<br>215           |
| Ringneck Parakeet<br>Ringneck Parrot            | Psittacula krameri<br>P. k. manillensis<br>Psittacus erithacus<br>"Psitticine sp." | India<br>Singapore<br>*W. Germany | 979<br>604<br>102<br>1,685 |
| Moustache Parakeet<br>Mustache Parrot           | Psittacula alexandri<br>P. a. fasciata<br>Psittacula fasciata                      | India                             | 160                        |
| Blossom-headed Parakeet<br>Plum-headed Parakeet | Psittacula cyanocephala<br>P. c. rosa<br>Platycercus elegans<br>"Psitticine sp."   | India *Singapore *W. Germany      | 375<br>120<br>164<br>659   |
| Barraband Parakeet                              | [Polytelis swainsonii]                                                             | *W. Germany                       | 4                          |
| [Red-breasted Musk]<br>Parrot                   | Prosopeia tabuensis                                                                | Tonga                             | 4                          |
| Fischer's Lovebird<br>Red-headed Lovebird       | Agapornis fischeri                                                                 | Tanzania<br>*W. Germany           | 138<br>140<br>278          |
| Black-masked Lovebird                           | Sgapornis personata                                                                | Tanzania                          | 178                        |
| Lovebird                                        | Agapornis sp. "Psitticine sp.                                                      | *Singapore<br>*W. Germany         | 29<br>20<br>49             |
| [Crimson Rosella]<br>Pennant Rosella            | [Platycercus elegans]                                                              | *W. Germany                       | 1                          |
| Eastern Rosella<br>Golden-mantled<br>Rosella    | Platycercus eximius<br>Tanygnathus<br>megalorhynchos                               | Australia<br>*W. Germany          | 4<br>2<br>6                |
| Red-capped Parrot                               | *Purpureicephalus spurius                                                          | Australia                         | 2                          |

| Common Name                              | Scientific Name                              | Country of Origin                                                               | Number<br>Reported                                         |
|------------------------------------------|----------------------------------------------|---------------------------------------------------------------------------------|------------------------------------------------------------|
| Redrump Parakeet                         | Psephotus haematonotus                       | *W. Germany                                                                     | 9                                                          |
| Turquoisine Parakeet                     | Neophema pulchella                           | Australia                                                                       | 4                                                          |
| Scarlet-chested<br>Parakeet              | Neophema splendida                           | Australia<br>*W. Germany                                                        | 4<br>4<br>8                                                |
| Bourk's Parakeet                         | Neophema bourkii<br>Alisterus scapularis     | *W. Germany                                                                     | 12                                                         |
| Budgerigar                               | Melopsittacus undulatus "Psitticine"         | *England<br>*Taiwan<br>*W. Germany<br>Unknown                                   | 31<br>20<br>6<br>7<br>64                                   |
| Parrot Parakeet Lorikeet Cockatoo Lory   | (Unidentifiable<br>Psittacidae) <sup>1</sup> | Colombia Guatemala Hong Kong India Mexico Paraguay Singapore W. Germany Unknown | 1<br>6<br>1<br>300<br>361<br>1<br>1,586<br>7<br>3<br>2,266 |
|                                          | CUCULIFORMES<br>MUSOPHAGIDAE                 |                                                                                 |                                                            |
| [Schalow's] Turaco                       | Tauraco [livingstonii]<br>Tauraco schalovi   | *Ethiopia                                                                       | 10                                                         |
| White-cheeked Turaco<br>Donaldson Turaco | Tauraco leucotis                             | Ethiopia<br>*Tanzania                                                           | $\frac{13}{\frac{4}{17}}$                                  |
| Hartlaub's Turaco<br>Turaco              | Tauraco hartlaubi                            | *Belgium<br>*Holland<br>Tanzania                                                | 2<br>2<br>30<br>34                                         |
|                                          |                                              |                                                                                 |                                                            |

<sup>&</sup>lt;sup>1</sup>Entered here are all Psittacidae which could not be identified adequately enough to enter in the listing above. All but one of those from Paraguay were most likely either Nandayus nenday or Myiopsitta monachus while most of those from Singapore were probably Psittacula spp.

| Common Name                                            | Scientific Name                                                                      | Country of<br>Origin                                  | Number<br>Reported            |
|--------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------------|
| [White-crested] Turaco                                 | Tauraco leucolophus                                                                  | *Angola                                               | 14                            |
| Turaco                                                 | Tauraco sp.                                                                          | Angola                                                | 16                            |
| Violet-crested Turaco<br>Purple-crested<br>Turaco      | Gallirex porphyreolophus<br>.Tauraco hartlaubi                                       | Tanzania                                              | 12                            |
| Ross' Turaco                                           | Musophaga [violacea]<br>Musophaga rossae                                             | Kenya                                                 | 4                             |
| White-bellied Go-away<br>Bird<br>White-breasted Turaco | *Crinifer leucogaster                                                                | Kenya                                                 | 3                             |
| [Grey Go-away Bird]<br>Grey Turaco                     | [Crinifer concolor]<br>Turaco schalowi<br>Turaco corythaix                           | Botswana                                              | 11                            |
| Turaco                                                 | Ramphastos vitellinus                                                                | Nigeria                                               | 6                             |
|                                                        | CUCULIDAE                                                                            |                                                       |                               |
| [Renauld's] Ground<br>Cuckoo                           | Carpococcyx renauldi                                                                 | *Hong Kong                                            | 10                            |
| Greater Coucal                                         | Centropus sinensis                                                                   | Hong Kong<br>Thailand                                 | $\frac{16}{2}$                |
|                                                        | STRIGIFORMES<br>TYTONIDAE                                                            |                                                       |                               |
| Barn Owl<br>White Owl <sup>1</sup>                     | Tyto alba<br>Tyto alba pratincola<br>Ciccaba nigrolineata<br>Pulsatrix perspicillata | Colombia<br>Nicaragua<br>Paraguay<br>Peru<br>Thailand | 7<br>12<br>14<br>8<br>5<br>46 |

<sup>&</sup>lt;sup>1</sup>Three from Thailand listed as White Owl (2 as *Ciccaba nigrolineata* and 1 as *Pulsatrix perspicillata*) are included here because of the descriptive nature of the common name used.

| Common Name                                       | Scientific Name                                               | Country of<br>Origin           | Number<br>Reported                |
|---------------------------------------------------|---------------------------------------------------------------|--------------------------------|-----------------------------------|
|                                                   | STRIGIDAE                                                     |                                |                                   |
| [Common] Scops Owl<br>Spotted Owl                 | Otus scops O. s. mantananensis                                | India<br>Thailand              | $\frac{50}{15}$ 1 $\frac{15}{65}$ |
| Collared Scops Owl<br>Scops Owl                   | [Otus bakkamoena]<br>Pulsatrix perspicillata<br>Pulsatrix sp. | Thailand                       | 112                               |
| [Vermiculated] Screech<br>Owl                     | Otus guatemalae<br>Otus vermiculatus                          | Honduras<br>Nicaragua<br>*Peru | 2<br>5<br>3<br>10                 |
| Screech Owl                                       | [Otus sp.?]<br>Otus asio<br>Bubo virginianus                  | Honduras<br>Nicaragua          | $\frac{26^3}{14^3}$               |
| [Great Horned] Owl                                | Bubo virginianus<br>Bubo bubo                                 | Nicaragua<br>Paraguay<br>Peru  | 2<br>3<br>2<br>74                 |
| [Eagle Owl] Great Horned Owl Turkmenian Eagle Owl | Bubo bubo<br>Bubo bubo omissus                                | India<br>W. Germany            | 2<br>2<br>4                       |
| 0w1                                               | [Ketupa sp.?]<br>Bubo bubo                                    | Thailand                       | 4 <sup>5</sup>                    |
| Brown Fish Owl                                    | [Ketupa zeylonensis]                                          | India                          | 2                                 |

<sup>1</sup>These may have been Athene brama or Otus bakkamoena.

Several birds are assigned here on the basis of McClure's (1971) analysis of the 1967-69 sales of the Bangkok bird market.

The owls from Honduras were probably Otus guatemalae or Otus trichopsis while those from Nicaragua were probably O. guatemalae or O. cooperi.

These birds may well have been some other species.

These birds were most likely Ketupa zeylanicus or Ketupa ketupu (see

McClure 1971).

| Common Name                           | Scientific Name                                                                                    | Country of<br>Origin                     | Number<br>Reported             |
|---------------------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------|--------------------------------|
| Spectacled Owl                        | Pulsatrix perspicillata                                                                            | Colombia<br>Ecuador<br>Nicaragua<br>Peru | 2<br>3<br>5<br>3<br>13         |
| Snowy Owl                             | Nyctea scandiaca                                                                                   | Switzerland                              | 2                              |
| Andean Pygmy Owl                      | Glaucidium jardinii                                                                                | Bolivia                                  | 1                              |
| [Ferruginous] Pygmy<br>Owl            | Glaucidium brasilianum                                                                             | Honduras<br>Paraguay<br>Unknown          | 4<br>2<br>1<br>7               |
| Pygmy Owl                             | [Glaucidium sp.]<br>Bubo virginianus                                                               | Peru                                     | 21                             |
| [Collared] Pygmy Owl[et] Spotted Owl  | Glaucidium brodiei                                                                                 | Thailand<br>India                        | 2<br>3<br>5                    |
| Jungle Owlet                          | [Glaucidium radiatum] Otus scops                                                                   | India                                    | 12                             |
| Barred Owl[et]                        | [Glaucidium cuculoides] Otus scops                                                                 | India                                    | 10                             |
| [Brown] Hawk Owl                      | *[Ninox scutulata]<br>Pulsatrix perspicillata                                                      | Thailand                                 | 3                              |
| Spotted Owlet<br>Spotted Owl<br>Owlet | Athene brama<br>Athene brama pulchra<br>Athene noctua<br>Pulsatrix perspicillata<br>Bubo africanus | India<br>Thailand                        | 115<br>119<br>234 <sup>2</sup> |

These were presumably one of the two previously listed species.

A large proportion of these birds were listed with improper scientific names on the import forms; 69 of the total were listed as Pulsatrix perspicillata. They are included here partly on the basis of the more frequent association of the common name Spotted Owl or Owlet with Athene brama and partly on the basis of the listing presented by McClure (1971). It is certainly possible that other species are subsumed in this listing, but it is probable that most were Athene brama.

| Common Name                                                    | Scientific Name                                            | Country of<br>Origin                           | Number<br>Reported      |
|----------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------|-------------------------|
| Burrowing Owl                                                  | Speotyto cunicularia                                       | Ecuador<br>Honduras                            | $\frac{1}{\frac{2}{3}}$ |
| [Mottled Owl]<br>Small Forest Owl                              | *Ciccaba virgata                                           | Paraguay                                       | 4                       |
| Tawny Owl                                                      | Strix aluco<br>Strix aluco sylvatica                       | Unknown                                        | 1                       |
| [Stygian Owl]<br>Short-ear Owl Birds                           | *Asio stygius                                              | Nicaragua                                      | 2                       |
| Short-eared Owl                                                | <sup>+</sup> Asio flammeus                                 | Canada                                         | 1                       |
| Buff-fronted Owl                                               | <sup>†</sup> Aegolius harrisii                             | Ecuador                                        | 2                       |
| Owl<br>Small Owl                                               | Unidentifiable Strigidae Pulsatrix perspicillata Tyto alba | Colombia<br>Hong Kong<br>Nicaragua<br>Thailand | 2<br>1<br>1<br>9<br>13  |
|                                                                | APODIFORMES<br>TROCHILIDAE                                 |                                                |                         |
| [Blue-fronted Lance-<br>bill]                                  | <sup>†</sup> Doryfera johannae                             | Ecuador                                        | 17                      |
| Lancebil1                                                      | *Doryfera sp.                                              | Ecuador                                        | 6                       |
| Band-tailed Barbthroat                                         | <sup>†</sup> Threnetes ruckeri                             | Ecuador                                        | 6                       |
| [White-tipped Sickle-<br>bill]<br>Sickle-billed<br>Hummingbird | *Eutoxeres aquila                                          | Ecuador                                        | 10                      |
| Brown Violetear                                                | Colibri delphinae                                          | Colombia<br>Ecuador                            | 23<br>15<br>38          |
| Green Violet-eared<br>Hummingbird                              | Colibri [thalassinus]<br>Colibri cyanotus                  | Bolivia                                        | 3                       |

| Common Name                                                                   | Scientific Name                                                    | Country of<br>Origin | Number<br>Reported        |
|-------------------------------------------------------------------------------|--------------------------------------------------------------------|----------------------|---------------------------|
| Sparkling Violetear<br>Gould Violetear<br>Violetear                           | Colibri coruscans<br>Colibri sp.                                   | Bolivia<br>Ecuador   | $\frac{1}{\frac{33}{34}}$ |
| Violet-headed Humming-<br>bird                                                | *Klais guimeti                                                     | Ecuador              | 2                         |
| [Spangled] Coquette                                                           | *L[ophormis] stictolopha                                           | Ecuador              | 2                         |
| Wire-crested Thorntail                                                        | *Popelairia p[opelairii]                                           | Ecuador              | 2                         |
| Green Thorntail                                                               | *Popelairia [conversii]                                            | Ecuador              | 2                         |
| Glittering [-bellied]<br>Emerald                                              | *Chlorostilbon<br>aureoventris                                     | Bolivia              | 1                         |
| Fork-tailed Woodnymph                                                         | *Thalurania [furcata]                                              | Ecuador              | 18                        |
| Violet-bellied Humming-<br>bird                                               | *Damophila julie<br>D. j. f[eliciana]                              | Ecuador              | 3                         |
| Blue-headed Sapphire                                                          | *Hylocharis grayi                                                  | Ecuador              | 4                         |
| [Golden-tailed<br>Sapphire]                                                   | *Chrysuronia oenone<br>C. o. oenone                                | Ecuador              | 3                         |
| Andean Emerald                                                                | Amazilia [franciae]                                                | Ecuador              | 38                        |
| Rufous-tailed Humming-<br>bird                                                | Amazilia tzacatl                                                   | Ecuador              | 23                        |
| [Amazilia] Hummingbird                                                        | <sup>†</sup> Amazilia amazilia<br>A. a. dumerilii                  | Ecuador              | 11                        |
| Speckled Hummingbird                                                          | *Adelomyia melanogenys                                             | Ecuador              | 19                        |
| [Fawn-breasted Brilliant] Lilac-throated Brilliant Penny-throated Hummingbird | Heliodoxa rubinoides<br>Phaiolaima r[ubinoides]<br>ae[quatorialis] | Ecuador              | 23                        |
| [Violet-fronted] Brilliant                                                    | *Heliodoxa leadbeaveri                                             | Ecuador              | 3                         |

| Common Name                                                                | Scientific Name                        | Country of<br>Origin | Number<br>Reported |
|----------------------------------------------------------------------------|----------------------------------------|----------------------|--------------------|
| [Black-throated<br>Brilliant]<br>Amethyst-throated<br>Brilliant            | *[Ionolaima] schreibersii              | Ecuador              | 2                  |
| [Stripe-bellied<br>Hillstar]<br>Estella's Hillstar                         | Oreotrochilus estella                  | Unknown              | 8                  |
| White-tailed Hillstar                                                      | *Urochroa bougueri                     | Ecuador              | 5                  |
| Shining Sunbeam                                                            | Aglaeactis cupripennis                 | Ecuador              | 17                 |
| Mountain Velvet-breast                                                     | Lafresnaya lafresnayi                  | Ecuador              | 11                 |
| Brown Inca                                                                 | Coeligena [wilsoni]                    | Ecuador              | 34                 |
| Collared Inca<br>Inca Hummingbird                                          | Coelingena torquata<br>Coelingena inca | Bolivia<br>Ecuador   | 2<br>13<br>15      |
| Buff-winged Star-<br>frontlet                                              | *Coeligena [lutetiae]                  | Unknown              | 6                  |
| Violet-throated [Star-<br>frontlet]<br>Violet-throated Inca<br>Hummingbird | *Coeligena violifer                    | Bolivia              | 7                  |
| Rainbow Star-frontlet                                                      | <sup>†</sup> Coeligena iris            | Ecuador              | 50                 |
| Star-frontlet                                                              | Coeligena sp.                          | Ecuador<br>Unknown   | 15<br>11<br>26     |
| Sword-billed Humming-<br>bird                                              | Ensifera ensifera                      | Ecuador              | 3                  |
| Chestnut-breasted<br>Coronet                                               | *Boissonneaua matthewsii               | Ecuador              | 39                 |
| Tourmaline Sunangel                                                        | *Heliangelus exortis                   | Ecuador              | 1                  |
| Purple-throated Sun-<br>angel                                              | *Heliangelus viola                     | Ecuador              | 71                 |

| Common Name                                            | Scientific Name                  | Country of<br>Origin                         | Number<br>Reported                                                |
|--------------------------------------------------------|----------------------------------|----------------------------------------------|-------------------------------------------------------------------|
| Glowing Puffleg                                        | *Eriocnemis vestitus             | Ecuador<br>Unknown                           | 20<br>4<br>24                                                     |
| [Booted Racket-tail]<br>Raquet-tailed<br>Hummingbird   | Ocreatus underwoodii             | Ecuador                                      | 9                                                                 |
| Black-tailed Train-<br>bearer                          | Lesbia victoriae                 | Colombia<br>Ecuador<br>Peru                  | $ \begin{array}{r} 31 \\ 68 \\ \underline{2} \\ 101 \end{array} $ |
| Green-tailed Train-<br>bearer<br>Green-tailed Sylph    | Lesbia nuna                      | Bolivia<br>Ecuador                           | 5<br>8<br>13                                                      |
| Sappho Comet                                           | *Sappho sparganura               | Bolivia                                      | 18                                                                |
| Blue-throated Sylph                                    | Aglaiocercus kingi               | Ecuador                                      | 31                                                                |
| Violet-tailed Sylph                                    | *Aglaiocercus coelestis          | Ecuador                                      | 58                                                                |
| Sy1ph                                                  | Aglaiocercus sp.                 | Ecuador                                      | 11                                                                |
| Purple-crowned Fairy                                   | *Heliothryx barroti              | Ecuador                                      | 5                                                                 |
| Purple-throated Wood-<br>star                          | *Philodice mitchellii            | Ecuador                                      | 4                                                                 |
| White-bellied Woodstar<br>White-throated Wood-<br>star | *Acestrura mulsant               | Ecuador<br>Unknown                           | 3<br>1<br>4                                                       |
| Hummingbird "Colibries"                                | Trochilidae<br>Cephalopterus sp. | Colombia<br>Costa Rica<br>Ecuador<br>Unknown | 127<br>10<br>136<br>115<br>388                                    |
|                                                        | COLIIFORMES<br>COLIIDAE          |                                              |                                                                   |
| Red-faced Mousebird                                    | Colius indicus                   | Botswana<br>Mozambique<br>*Paraguay          | 30<br>10<br><u>8</u><br>48                                        |

| Common Name                                        | Scientific Name                        | Country of<br>Origin                                       | Number<br>Reported             |
|----------------------------------------------------|----------------------------------------|------------------------------------------------------------|--------------------------------|
| Mousebird                                          | [Colius sp.]<br>Actophilornis africana | Botswana                                                   | 10                             |
|                                                    | TROGONIFORMES<br>TROGONIDAE            |                                                            |                                |
| [Long-tailed] Quetzal                              | Pharomachrus mocinno                   | Costa Rica                                                 | 2                              |
| Pavonine Quetzal                                   | Pharomachrus pavoninus                 | Ecuador<br>Unknown                                         | $\frac{6}{\frac{4}{10}}$       |
| [Slaty-tailed] Trogon                              | <sup>†</sup> Trogon massena            | Ecuador                                                    | 3                              |
| [Black-throated]<br>Trogon                         | <sup>†</sup> Trogon rufus              | Ecuador                                                    | 3                              |
|                                                    | CORACIIFORMES<br>ALCEDINIDAE           |                                                            |                                |
| [Greater Pied] King-<br>fisher<br>Giant Kingfisher | *Ceryle lugubris                       | Thailand                                                   | 5                              |
| [Amazon] Kingfisher                                | Chloroceryle amazona                   | Peru                                                       | 5                              |
| [Malachite] Kingfisher                             | [Alcedo] cristata                      | Mozambique                                                 | 2                              |
| Stork-billed King-<br>fisher                       | Pelargopsis capensis                   | Thailand                                                   | 4                              |
| Gray-headed Kingfisher                             | Halcyon leucocephala                   | Kenya                                                      | 1                              |
|                                                    | MOMOTIDAE                              |                                                            |                                |
| Rufous Motmot                                      | Baruphthengus<br>ruficapillus          | Nicaragua                                                  | 10                             |
| Blue-crowned Motmot                                | Momotus momota                         | Costa Rica<br>Honduras<br>Nicaragua<br>Paraguay<br>Unknown | 12<br>30<br>2<br>30<br>1<br>75 |

| Common Name                                                       | Scientific Name                                                                                           | Country of<br>Origin | Number<br>Reported      |
|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------|-------------------------|
| Motmot                                                            | Momotidae<br>Aspatha gularis <sup>l</sup><br>Chelus fimbriata                                             | Honduras<br>Ecuador  | $\frac{6}{\frac{3}{9}}$ |
|                                                                   | CORACIIDAE                                                                                                |                      |                         |
| Lilac-breasted Roller                                             | Coracias caudata<br>Coracias c. caudata<br>Coracias benghalensis                                          | Botswana<br>Kenya    | $\frac{1}{2}$           |
| Black-billed Roller<br>Black-billed Blue<br>Roller<br>Blue Roller | Coracias benghalensis<br>Eurystomus orientalis<br>Eurystomus glaucurus<br>Capito aurovirens<br>Coraciidae | India<br>Thailand    | 24<br>28<br>52          |
| Broad-billed Roller                                               | Eurystomus glaucurus <sup>2</sup>                                                                         | Kenya                | 2                       |
| Roller                                                            | [Coraciidae] Calyptomena viridis                                                                          | Thailand             | 10                      |
|                                                                   | UPUPIDAE                                                                                                  |                      |                         |
| Ноорое                                                            | Upupa epops<br>Phoeniculus purpureus                                                                      | Thailand             | 35                      |
|                                                                   | PHOENICULIDAE                                                                                             |                      |                         |
| Green Wood Hoopoe<br>Wood Hoopoe                                  | Phoeniculus purpureus<br>P. p. marwitzi                                                                   | Kenya                | 9                       |
| [White-headed] Wood<br>Hoopoe                                     | Phoeniculus bollei                                                                                        | Kenya                | 2                       |
|                                                                   | BUCEROTIDAE                                                                                               |                      |                         |
| Crowned Hornbill Casqued Hornbill                                 | Tockus alboterminatus<br>Lophoceros<br>alboterminatus                                                     | Kenya<br>Tanzania    | 2<br>6<br>8             |
| 1                                                                 |                                                                                                           |                      |                         |

One bird from Ecuador listed under this name seems so unlikely on a geographic basis that we cannot accept the identification and hence have included it among unidentified Momotidae.
Listing imports by country and considering McClure's (1971) report

Listing imports by country and considering McClure's (1971) report suggests that most rollers listed as Eurystomus glaucurus in the 1969 import listing (Banks and Clapp, 1972) were in fact Coracias benghalensis.

| Common Name                                          | Scientific Name                                                                            | Country of<br>Origin   | Number<br>Reported |
|------------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------|--------------------|
| Grey Hornbill                                        | <sup>†</sup> [Tockus] nasutus<br>Lophoceros nasutus                                        | Mozambique             | 7                  |
| Red-billed Hornbill                                  | *Tockus erythrorhynchus                                                                    | Botswana<br>Tanzania   | 2<br>9<br>11       |
| Yellow-billed Hornbill                               | * Tockus flavirostris                                                                      | Botswana               | 2                  |
| Von der Decken's Horn-<br>bill                       | *Tockus deckeni                                                                            | Tanzania               | 3                  |
| White-crested Hornbill                               | *Berenicornis comatus<br>Tockus alboterminatus<br>Dichoceros bicornis<br>Pyrrhula pyrrhula | Thailand               | 11                 |
| White-throated Brown<br>Hornbill                     | <sup>+</sup> Ptilolaemus tickelli                                                          | Thailand               | 1                  |
| Bushy-crested Hornbill                               | *[Anorrhinus galeritus]                                                                    | Thailand               | 1                  |
| Wrinkled Hornbill                                    | *[Aceros] leucocephalus                                                                    | Thailand               | 1                  |
| Wreathed Hornbill                                    | Aceros undulatus<br>Rhyticeros undulatus<br>Anthracoceros coronatus                        | Thai land              | 5                  |
| Pied Hornbill                                        | Anthracoceros malabaricus<br>Anthracoceros albirostr                                       |                        | 10                 |
| [Southern] Pied Horn-<br>bill                        | Anthracoceros coronatus                                                                    | Thailand               | 7                  |
| [Trumpeter] Hornbill                                 | *Bycanistes bucinator                                                                      | Angola                 | 6                  |
| Rhinoceros Hornbill                                  | [Buceros rhinoceros]                                                                       | Unknown                | 1                  |
| Great Hornbill<br>Concave Hornbill<br>Giant Hornbill | Buceros bicornis<br>Dichoceros bicornis                                                    | *Singapore<br>Thailand | $\frac{1}{26}$     |

| Common Name                          | Scientific Name                                                 | Country of<br>Origin            | Number<br>Reported                        |
|--------------------------------------|-----------------------------------------------------------------|---------------------------------|-------------------------------------------|
| Helmeted Hornbill                    | Rhinoplax vigil                                                 | Thailand                        | 2                                         |
| Hornbill                             | Bucerotidae<br>Buceros bicornis<br>Anhima cornuta<br>"Cascaris" | Nigeria<br>Tanzania<br>Thailand | $\begin{array}{c} 1\\8\\1\\10\end{array}$ |
|                                      | PICIFORMES<br>CAPITONIDAE                                       |                                 |                                           |
| [Orange-] fronted<br>Barbet          | [Capito squamatus]<br>Megalaima haemacephala                    | Ecuador                         | 1                                         |
| Red-headed Barbet                    | [Eubucco] bourcierii<br>Capito bourcierii                       | Ecuador                         | 21                                        |
| Versicolored Barbet                  | *Eubucco versicolor                                             | Bolivia                         | 4                                         |
| Toucan Barbet<br>Toucan <sup>1</sup> | Semnornis ramphastinus<br>Ramphastos vitellinus                 | Colombia<br>Ecuador<br>*Peru    | 215<br>27<br>37<br>279                    |
| Great Barbet                         | Megalaima virens<br>M. v. marshallorum<br>Megalaima lineatus    | Thailand                        | 3                                         |
| [Lineated] Barbet                    | Megalaima [zeylanica]<br>Megalaima lineatus                     | India                           | 8                                         |
| Gold-whiskered Barbet                | *Megalaima chrysopogon                                          | Thailand                        | 14                                        |
| Many-colored Barbet                  | <sup>†</sup> Megalaima rafflesii                                | Thailand                        | 1                                         |
| Gaudy Barbet                         | Megalaima (mystacophanos)<br>Megalaima asiatica                 | Thai land                       | 10                                        |
| Blue-throated Barbet                 | Megalaima asiatica<br>Cyanops a. asiatica                       | India<br>Thailand               | 2<br>6<br>8                               |

Some importers evidently list "toucan" as a common name for the toucan-barbet; 140 of the total were so listed. Some of the birds listed here, particularly those from Peru, may have been toucans, but most are probably listed accurately. Birds from Brazil listed as "Toucan-Semmornis ramphastinus," doubtfully toucan barbets, have been included in this report as unknown Ramphastidae.

| Common Name                                                 | Scientific Name                                                                                                   | Country of<br>Origin                                          | Number<br>Reported                          |
|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------|
| [Coppersmith Barbet] Crimson-breasted Barbet Crimson Barbet | Megalaima [haemacephala]                                                                                          | Thailand                                                      | 11                                          |
| Pied Barbet                                                 | [Tricholaema leucomelan]<br>Lybius torquatus<br>Capito aurovirens                                                 | Botswana                                                      | 17                                          |
| Black-collared Barbet                                       | Lybius torquatus                                                                                                  | Mozambique<br>Tanzania                                        | 4<br>15<br>19                               |
| Uganda Double-toothed<br>Barbet                             | Lybius bidentatus<br>L. b. aequatorialis                                                                          | Kenya                                                         | 4                                           |
| Crested Barbet                                              | Trachyphonus vaillantii<br>Capito bourcierii                                                                      | Botswana<br>Mozambique                                        | 4<br>2<br>6                                 |
| Barbet                                                      | [Capitonidae]<br>Megalaima lineatus                                                                               | Botswana<br>Peru<br>Thailand                                  | 15<br>3<br><u>5</u><br>23                   |
|                                                             | RAMPHASTIDAE                                                                                                      |                                                               |                                             |
| [Grooved-billed]<br>Toucanet                                | Aulacorhynchus sulcatus                                                                                           | *Peru                                                         | 19                                          |
| Yellow-billed Toucanet                                      | <sup>†</sup> Aulacorhynchus<br>calorhynchus                                                                       | Colombia                                                      | 8                                           |
| Emerald Toucanet<br>Green Toucanet                          | Aulacorhynchus prasinus<br>A. p. albivitta<br>Aulacorhynchus<br>haematopygus<br>Aulacorhynchus<br>coeruleicinctus | Colombia Costa Rica Ecuador Honduras Nicaragua *Paraguay Peru | 141<br>1<br>32<br>28<br>6<br>1<br>50<br>259 |

| Common Name                                                                           | Scientific Name                                      | Country of<br>Origin                                    | Number<br>Reported                                                                  |
|---------------------------------------------------------------------------------------|------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------------------------|
| Crimson-rumped Toucanet<br>Green Toucanet<br>Common Toucanet                          | Aulacorhynchus<br>haematopygus                       | *Brazil<br>Colombia<br>*Honduras<br>*Nicaragua<br>*Peru | 14 <sup>1</sup> 144 181 111 571 244                                                 |
| Toucanet                                                                              | Aulacorhynchus sp.                                   | Colombia<br>Peru                                        | 87<br>7<br>94                                                                       |
| [Collared] Aracari<br>Aracari Toucanet<br>Chestnut-eared<br>Aracari<br>Banded Aracari | Pteroglossus torquatus<br>Pteroglossus<br>inscriptus | Colombia<br>*Ecuador<br>Honduras                        | 23<br>3<br>9<br>35                                                                  |
| [Stripe-billed]<br>Aracari                                                            | Pteroglossus sanguineus                              | Colombia<br>Unknown                                     | $\frac{6}{\frac{1}{7}}$                                                             |
| Chestnut-eared Aracari<br>Red-eyed Toucanet                                           | Pteroglossus castanotis<br>Pteroglossus torquatus    | Colombia<br>*Honduras<br>Peru<br>Paraguay               | 15<br>9<br>78<br>290<br>392                                                         |
| [Many-]banded Aracari                                                                 | Pteroglossus pluricinctus                            | Ecuador                                                 | 9                                                                                   |
| Lettered Aracari                                                                      | Pteroglossus [viridis]<br>Pteroglossus<br>inscriptus | Colombia<br>*Nicaragua<br>Peru                          | $   \begin{array}{r}     11 \\     2 \\     10 \\     \hline     23   \end{array} $ |
| [Red-necked Aracari]                                                                  | Pteroglossus bitorquatus                             | *Ecuador                                                | 2                                                                                   |
| Ivory-billed Aracari                                                                  | Pteroglossus<br>flavirostris                         | Ecuador                                                 | 1                                                                                   |
| Curl-crested Toucanet                                                                 | Pteroglossus<br>beauharnaesii                        | *Colombia<br>Peru                                       | 32<br>53<br>85                                                                      |
| [Golden-collared] Toucanet                                                            | Selenidera reinwardtii                               | Colombia                                                | 6                                                                                   |
| 1-                                                                                    |                                                      |                                                         |                                                                                     |

<sup>&</sup>lt;sup>1</sup>Some, if not many, of these may have been *Pteroglossus* sp.

| Common Name                                                              | Scientific Name                                                          | Country of<br>Origin                                              | Number<br>Reported                   |
|--------------------------------------------------------------------------|--------------------------------------------------------------------------|-------------------------------------------------------------------|--------------------------------------|
| Condition Name                                                           | Scienciale Name                                                          | Oligin                                                            | керогеец                             |
| Plate-billed Mountain-<br>Toucan                                         | Andigena laminirostris                                                   | Fcuador                                                           | 2                                    |
| [Hooded] Mountain-<br>Toucan                                             | <sup>+</sup> Andigena cucullata                                          | Bolivia                                                           | 2                                    |
| [Unidentifiable<br>Toucanets]                                            | Ramphastidae Ramphastos vitellinus Ramphastos toco Ramphastos sulfuratus | Brazil<br>Colombia<br>Honduras<br>Peru                            | 6<br>95<br>2<br>8<br>111             |
| Channel-billed Toucan<br>White-breasted<br>Toucan<br>Tucane Pecho Blanco | Ramphastos vitellinus                                                    | Brazil<br>Colombia<br>Guyana<br>*Paraguay<br>Peru                 | 46<br>510<br>1<br>17<br>82<br>656    |
| Sulfur-breasted Toucan<br>Keel-billed Toucan                             | Ramphastos sulfuratus<br>Ramphastos piscivorus<br>Ramphastos suzinsonii  | Colombia<br>Honduras<br>Nicaragua<br>Panama<br>*Paraguay<br>*Peru | 318<br>4<br>27<br>8<br>4<br>9<br>370 |
| [Chestnut-mandibled]<br>Toucan                                           | Ramphastos swainsonii                                                    | Colombia<br>Ecuador<br>Unknown                                    | 46<br>1<br>6<br>53                   |
| White-breasted Toucan                                                    | Ramphastos tucanus                                                       | *Colombia<br>*Peru                                                | $\frac{6}{38}$                       |
| Cuvier's Toucan<br>White-breasted Toucan                                 | Ramphastos cuvieri<br>Ramphastos vitellinus                              | Brazil<br>Colombia                                                | $\frac{1}{\frac{11}{12}}$            |
| Toco Toucan                                                              | Ramphastos toco                                                          | Brazil<br>*Colombia<br>Paraguay                                   | 2<br>5<br>2<br>9                     |
|                                                                          |                                                                          |                                                                   |                                      |

These are probably referable to Ramphastos cuvieri, listed next.

| Common Name                                    | Scientific Name                              | Country of<br>Origin                      | Number<br>Reported                                           |
|------------------------------------------------|----------------------------------------------|-------------------------------------------|--------------------------------------------------------------|
| Toucan                                         | Ramphastos sp.                               | Brazil<br>Colombia<br>Peru                | $ \begin{array}{r} 2\\131\\ \underline{1}\\134 \end{array} $ |
| Toucan                                         | Ramphastidae<br>Semnornis ramphastinus       | Brazil<br>Colombia<br>Paraguay<br>Unknown | 36<br>135<br>3<br>6<br>180                                   |
|                                                | PICIDAE                                      |                                           |                                                              |
| [Bamboo] Green Wood-<br>pecker                 | *Picus vittatus                              | Thailand                                  | 4                                                            |
| [Greater] Yellow-naped<br>Woodpecker           | Picus flavinucha                             | *W. Germany                               | 4                                                            |
| Green Woodpecker                               | [Picus sp.]<br>Chrysoptilus punctigula       | Thailand                                  | 41                                                           |
| White-bellied Black<br>Woodpecker              | [Dryocopus javensis]<br>Melanerpes pucherani | Thailand                                  | 2                                                            |
| Golden-backed [Four-<br>toed] Woodpecker       | Chrysocolaptes lucidus                       | Thailand                                  | 2                                                            |
| Woodpecker                                     | [Picidae] Chrysoptilus punctigula            | India<br>Thailand                         | $\frac{\overset{4}{6}1}{10}$                                 |
|                                                | PASSERIFORMES<br>EURYLAIMIDAE                |                                           |                                                              |
| [African] Broadbill                            | *[Smithornis capensis]                       | Kenya                                     | 1                                                            |
| Green Broadbill<br>Lesser Green Broad-<br>bill | Calyptomena viridis                          | Thailand                                  | 32 <sup>2</sup>                                              |

These were very probably *Picus erythropygius*.

This number is inexact as some birds were in mixed shipments.

| Common Name                                   | Scientific Name                                                                       | Country of<br>Origin                        | Number<br>Reported                                                                  |
|-----------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------|-------------------------------------------------------------------------------------|
|                                               | DENDROCOLAPTIDAE                                                                      |                                             |                                                                                     |
| Woodhewer                                     | Xiphocolaptes sp.                                                                     | Bolivia                                     | 1                                                                                   |
| [Narrow-billed Wood-<br>creeper]<br>Woodhewer | †[Lepidocolaptes<br>angustirostris]<br>Campylorhamphus<br>lepidocolaptes              | Bolivia                                     | 1                                                                                   |
| Woodcreeper                                   | [Dendrocolaptidae]<br>Metropelia lacrimosus                                           | Bolivia                                     | 1                                                                                   |
|                                               | FURNAR I IDAE                                                                         |                                             |                                                                                     |
| [Pearled] Treerunner                          | Margarornis squamiger                                                                 | Bolivia                                     | 1                                                                                   |
|                                               | FORMICARIIDAE                                                                         |                                             |                                                                                     |
| [Undulated] Ant Pitta                         | Grallaria squamigera                                                                  | Bolivia                                     | 2                                                                                   |
| [Rufous-faced] Ant<br>Pitta                   | Grallaria erythrotis                                                                  | Bolivia                                     | 4                                                                                   |
| [Rufous] Ant Pitta                            | Grallaria rufula                                                                      | Bolivia                                     | 2                                                                                   |
|                                               | COTINGIDAE                                                                            |                                             |                                                                                     |
| Band-tailed Fruit-<br>eater                   | Pipreola intermedia                                                                   | Bolivia                                     | 6                                                                                   |
| [Barred Fruiteater]                           | *Pipreola arcuata                                                                     | Bolivia                                     | 1                                                                                   |
| Umbrellabird                                  | Cephalopterus ornatus<br>Cephalopterus penduliger<br>Pionus tumultuosus<br>Cotingidae | Bolivia<br>Costa Rica<br>Ecuador<br>Unknown | $   \begin{array}{c}     1 \\     3 \\     12 \\     \hline     171   \end{array} $ |
| Bellbird                                      | [Procnias sp.]                                                                        | Brazil                                      | 24                                                                                  |
| [Guianan] Cock-of-the-<br>Rock                | Rupicola rupicola                                                                     | *Ecuador                                    | 1                                                                                   |
|                                               |                                                                                       |                                             |                                                                                     |

<sup>&</sup>lt;sup>1</sup> If Cephalopterus is considered as containing three distinct species (De Schauensee, 1966) then 3 of the total were glabricollis, 4 were ornatus, 1 was penduliger, and 9 were either ornatus or penduliger.

| Common Name                                             | Scientific Name                                                                       | Country of<br>Origin           | Number<br>Reported        |
|---------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------|---------------------------|
| Andean Cock-of-the-Rock<br>Scarlet Cock-of-the-<br>Rock | Rupicola peruviana<br>R. p. saturata<br>R. p. sanguinolenta<br>Rupicola sanguinolenta | Bolivia<br>Colombia<br>Ecuador | 10<br>1<br>23<br>34       |
| Cotinga                                                 | Cotingidae<br>Cotinga amabilis <sup>1</sup>                                           | Ecuador                        | 2                         |
|                                                         | PIPRIDAE                                                                              |                                |                           |
| Blue-backed Manakin                                     | Chiroxiphia pareola                                                                   | Bolivia                        | 2                         |
|                                                         | TYRANNIDAE                                                                            |                                |                           |
| Black-tailed Fly-<br>catcher                            | *Myiobius atricaudus                                                                  | Colombia                       | 54                        |
|                                                         | PITTIDAE                                                                              |                                |                           |
| Giant Pitta                                             | Pitta caerulea<br>Pitta granatina                                                     | *Hong Kong<br>Thailand         | $\frac{6}{\frac{2}{8}}$   |
| [Fulvous] Pitta                                         | Pitta oatesi                                                                          | Thailand                       | 2                         |
| [Garnet] Pitta                                          | Pitta granatina                                                                       | *Thailand                      | 42                        |
| Blue Pitta                                              | *Pitta cyanea                                                                         | Thailand                       | 10 <sup>3</sup>           |
| Banded Pitta                                            | Pitta guajana<br>Pitta arcuata<br>"Sordida cucullata"                                 | Thailand                       | 10                        |
| Blue-winged Pitta                                       | Pitta [brachyura]<br>Pitta moluccensis<br>Pitta arcuata                               | Thailand                       | 3                         |
| Hooded Pitta                                            | Pitta sordida<br>Pitta brachyura<br>"Sordida cucullata"                               | India<br>Thailand              | $\frac{1}{\frac{16}{17}}$ |
|                                                         |                                                                                       |                                |                           |

The single bird imported under this name may be referable to Cotinga nattererii.

These birds were probably Pitta guajana or Pitta brachyura.

These birds may well have been Pitta caerulea.

| Common Name                    | Scientific Name                         | Country of<br>Origin | Number<br>Reported        |
|--------------------------------|-----------------------------------------|----------------------|---------------------------|
| [Gurney's Pitta]               | Pitta gurneyi                           | *W. Germany          | 4                         |
| Pitta                          | Pittidae<br>Pitta arcuata               | *Peru<br>Thailand    | $\frac{1^1}{\frac{4}{5}}$ |
|                                | ALAUDIDAE                               |                      |                           |
| Rufous-naped Lark              | *<br>Mirafra africana                   | Mozambique           | 3                         |
| Chestnut-backed Finch-<br>Lark | *Eremopterix leucotis                   | Mozambique           | 36                        |
| Grey-backed Finch-Lark         | *Eremopterix verticalis                 | *?Mozambique         | 36                        |
| Red-capped Lark                | *Calendrella cinerea                    | Mozambique           | 9                         |
| Wood Lark                      | *Lullula arborea                        | W. Germany           | 10                        |
| Skylark                        | [Alauda arvensis]                       | W. Germany           | 2                         |
|                                | DICRURIDAE                              |                      |                           |
| Racket-tailed Drongo           | Dicrurus paradiseus                     | Thailand             | 19                        |
| [Lesser] Racket-tailed         | *Dicrurus remifer<br>D. r. tectirostris | Thailand             | 2                         |
|                                | ORIOLIDAE                               |                      |                           |
| African Golden Oriole          | *Oriolus auratus                        | Mozambique           | 2                         |
| Black-winged Oriole            | <sup>†</sup> Oriolus nigripennis        | *Kenya               | 1                         |
| Maroon Oriole                  | †Oriolus traillii                       | *Hong Kong           | 2                         |
| Black-headed Oriole            | [Oriolus sp.] Gymnomystax mexicanus     | Thailand             | 10 <sup>2</sup>           |

<sup>&</sup>lt;sup>1</sup>This bird, listed as *Pitta arcuata*, may have been an Ant Pitta,

Formicariidae.

Two of these birds were very likely *Oriolus xanthornus*, the rest either that species or *O. chinensis*.

| Common Name                                                                         | Scientific Name CORVIDAE                     | Country of<br>Origin                                        | Number<br>Reported                                                                               |
|-------------------------------------------------------------------------------------|----------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Collared Jay<br>Colombian Jay<br>White-collared Blue<br>Jay                         | Cyanolyca viridicyana                        | Bolivia<br>Colombia                                         | 2<br>5<br>7                                                                                      |
| Colombian Jay                                                                       | Cyanolyca sp.                                | Colombia                                                    | 1                                                                                                |
| [Azure Jay]<br>Hycacinth Jay                                                        | C[yanocorax] caeruleus                       | Paraguay                                                    | 35                                                                                               |
| Black-chested Jay<br>Blue and White Jay<br>Colombian Jay                            | Cyanocorax affinis                           | *Brazil<br>Colombia<br>*Honduras<br>*Nicaragua<br>*Paraguay | 5<br>41<br>1<br>2<br>185<br>2341                                                                 |
| [Plush-crested] Jay<br>Pileated Jay<br>Colombian Jay<br>Hyacinth Jay<br>Urracas Jay | Cyanocorax chrysops<br>Cyanocorax cyanopogon | Colombia<br>*Ecuador<br>*Nicaragua<br>Paraguay              | $   \begin{array}{r}     14 \\     22 \\     1 \\     \underline{192} \\     209   \end{array} $ |
| Green Jay<br>Inca Jay                                                               | Cyanocorax yncas                             | Colombia<br>Ecuador<br>Honduras                             | 8<br>5<br>4<br>17                                                                                |
| Jay<br>Blue Jay<br>'Urraces''                                                       | Cyanocorax sp.<br>Cyanocitta cristata        | Argentina<br>Brazil<br>Ecuador                              | 10<br>5<br><u>1</u><br>16                                                                        |

Comparison of known distribution of species of *Cyanocorax* with areas of origin as listed on import forms indicates that a large proportion of jays are misidentified at time of entry. In this instance the birds from Middle America may have been *Cyanolyca* or *Calocitta*, those from Brazil were probably *Cyanocorax cayanus* or *chrysops* and those from Paraguay were presumably mostly *chrysops*.

These may have been *Cyanocorax mystacalis*.

| Common Name                                | Scientific Name                                                                               | Country of<br>Origin   | Number<br>Reported |
|--------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------|--------------------|
| Plumed Jay<br>Magpie [-Jay]                | Calocitta formosa<br>Cyanocitta cristata<br>Cyanolyca turcosa<br>Cissa ornata                 | Honduras<br>Nicaragua  | 3<br>35<br>38      |
| Jay                                        | <sup>+</sup> Garrulus glandarius                                                              | W. Germany             | 6                  |
| Blue Magpie                                | <sup>†</sup> Urocissa caerulea                                                                | *India                 | 7                  |
| Red-billed Blue Magpie                     | Urocissa erythrorhyncha<br>Cissa erythrorhyncha<br>Cissa ornata<br>Pica sp.                   | Hong Kong<br>Thailand  | 2<br>47<br>49      |
| Common Tree Pie                            | [Dendrocitta vagabunda]                                                                       | India                  | 8                  |
| Himalayan Tree Pie                         | [Dendrocitta formosae]                                                                        | India                  | 3                  |
| Racket-tailed Tree Pie                     | Crypsirina temia                                                                              | Thailand               | 2                  |
| Jay<br>Colombian Jay                       | [Corvidae]<br>Garrinulidae<br>Garrulus<br>Falco jugger                                        | Colombia               | 31                 |
|                                            | PARADISAEIDAE                                                                                 |                        |                    |
| [Magnificent Bird of Paradise]             | *Diphyllodes magnificus                                                                       | *Singapore             | 7                  |
| Red Bird of Paradise                       | <sup>†</sup> Paradisaea rubra                                                                 | *W. Germany            | 2                  |
|                                            | TIMALIIDAE                                                                                    |                        |                    |
| [Rufous-necked<br>Scimitar-] Babbler       | *Pomatorhinus ruficollis                                                                      | *Hong Kong             | 6                  |
| Jungle Babbler                             | <sup>†</sup> Turdoides [striatus]<br>Turdoies terricolor                                      | India                  | 15                 |
| White-crested Laughing<br>Thrush<br>Thrush | Garrulax leucolophus G. l. leucolophus Trochalopterum sp. Turdus albicollis Luscinia luscinia | *Hong Kong<br>Thailand | 20<br>270<br>290   |

| Common Name                                              | Scientific Name                                                               | Country of<br>Origin                        | Number<br>Reported                                                                                                 |
|----------------------------------------------------------|-------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| [Lesser] Necklaced<br>Laughing Thrush<br>"Lesser Necked" | Garrulax monileger                                                            | *Hong Kong<br>Thailand                      | $\frac{40}{\frac{2}{42}}$                                                                                          |
| Greater [Necklaced]<br>Laughing Thrush                   | Garrulax pectoralis                                                           | Thailand                                    | 41                                                                                                                 |
| Spectacled Jay Thrush                                    | Garrulax canorus                                                              | Hong Kong                                   | 21                                                                                                                 |
| Laughing Thrush                                          | Garrulax sp.                                                                  | India                                       | 56                                                                                                                 |
| Silver-eared Mesia<br>Silver-eared Pekin<br>Robin        | Mesia argentcuris<br>Leiothrix lutea                                          | *Holland<br>India                           | $\frac{31}{34}$                                                                                                    |
| Pekin Robin<br>Robin                                     | Leiothrix lutea<br>Ara manilata                                               | *Holland<br>Hong Kong<br>India<br>*Paraguay | $   \begin{array}{r}     156 \\     3,060 \\     200 \\     \hline     201 \\     \hline     3,436   \end{array} $ |
| [Black-capped Sibia]<br>Black-headed Sibia               | *[Heterophasia] capistrata<br>Leioptila capistrata<br>Leioptila c. capistrata | India                                       | 22                                                                                                                 |
| Bald Crow                                                | *Picathartes gymnocephalus PYCNONOTIDAE                                       | *Denmark                                    | 3                                                                                                                  |
| Black-crested Yellow<br>Bulbul                           | Pycnonotus [melanicterus]<br>P. dispar caecilii<br>Otocompsa flaviventris     | India<br>*Singapore                         | 6<br>10<br>16                                                                                                      |
| Red-whiskered Bulbul<br>Red-eared Bulbul                 | Pycnonotus jocosus<br>P. j. peguensis                                         | Thailand                                    | 60                                                                                                                 |
| White-cheeked Bulbul                                     | [Pycnonotus leucogenys]<br>Padda orizivora                                    | *Holland<br>India                           | 3<br>4<br>7                                                                                                        |

These birds were probably correctly identified. They occurred in one of the very few shipments from South America in which transshipment from another continent was clearly indicated.

| Common Name                                  | Scientific                            | Name                        | Country of<br>Origin                                    | Number<br>Reported                   |
|----------------------------------------------|---------------------------------------|-----------------------------|---------------------------------------------------------|--------------------------------------|
| Red-vented Bulbul                            | [Pycnonotus<br>''Motases<br>Padda bru | kafier"                     | *Holland                                                | 5 <sup>1</sup>                       |
| Black Bulbul                                 | [Hypsipetes<br>ma                     | adagascariensis             | *Holland                                                | 3                                    |
|                                              | CHLOROPSEIDAE                         | (IRENIDAE)                  |                                                         |                                      |
| Greater Green Leaf-<br>bird                  |                                       | [sonnerati]<br>is aurifrons | Thailand                                                | 12                                   |
| Lesser Green Leafbird                        | Chloropsis<br>Cyanocoro               | cyanopogon<br>w cyanopogon  | *Paraguay<br>Thailand                                   | $\frac{30^2}{\frac{10}{40}}$         |
| Blue-winged Leafbird                         | Chloropsis<br>co                      | ochinchinensis              | Thailand                                                | 9                                    |
| Gold-fronted Leafbird<br>Gold-fronted Bulbul | Chloropsis                            | aurifrons                   | *Belgium<br>*Holland<br>India<br>Thailand<br>*Singapore | 1<br>3<br>35<br>106<br>6<br>151      |
| Leafbird                                     | [Chloropsis                           | sp.]                        | Thailand                                                | 6                                    |
| Fairy Bluebird<br>Bluebird                   | Irena puell<br>I. p. mai              |                             | Thailand<br>Singapore                                   | $\frac{182^{3}}{\frac{10}{192^{3}}}$ |
|                                              | MIMIDA                                | E                           |                                                         |                                      |
| [Tropical] Mockingbird                       |                                       | ous]<br>lyglottos           | *Nicaragua                                              | 2                                    |
|                                              | TURDIDA                               | AE                          |                                                         |                                      |
| [European] Robin                             | Erithacus 1                           | rubecula                    | Denmark                                                 | 7                                    |

 $<sup>^1\</sup>mathrm{Three}$  of these were possibly Pycnonotus aurigaster, not otherwise listed.  $^2\mathrm{These}$  birds may represent an instance of transshipment through Paraguay.  $^3\mathrm{This}$  number is inexact as some birds were in mixed shipments.

| Common Name                         | Scientific Name                                  | Country of<br>Origin          | Number<br>Reported                               |
|-------------------------------------|--------------------------------------------------|-------------------------------|--------------------------------------------------|
| Robin Chat                          | *[Cossypha sp.]<br>Icteria sp.                   | Kenya                         | 2                                                |
| Dhyal Thrush<br>Magpie Robin        | Copsychus saularis<br>Urocissa melanocephala     | Hong Kong<br>India            | $\begin{array}{c} 1\\ \frac{18}{19} \end{array}$ |
| Shama Thrush                        | Copsychus malabaricus<br>Kittacincla macroura    | *Holland<br>India<br>Thailand | 3<br>56<br>90<br>149                             |
| Redstart                            | *Phoenicurus phoenicurus                         | Denmark                       | 5                                                |
| [Eastern] Bluebird                  | *Sialia sialis                                   | Canada                        | 3                                                |
| White-eared Solitaire               | Entomodestes leucotis                            | Bolivia                       | 3                                                |
| Blue Whistling Thrush               | *[Myiophoneus caeruleus]<br>Monticola solitarius | India                         | 6                                                |
| Orange-headed Ground<br>Thrush      | [Zoothera] citrina                               | India                         | 2                                                |
| Kurrichane Thrush                   | *Turdus libonyanus                               | Mozambique                    | 2                                                |
| European Blackbird                  | Turdus merula                                    | W. Germany                    | 5                                                |
| Fieldfare                           | *Turdus pilaris                                  | Norway                        | 1                                                |
|                                     | SYLVIIDAE                                        |                               |                                                  |
| Blackcap                            | Sylvia atricapilla                               | Denmark                       | 1                                                |
| Garden Warbler                      | *Sylvia borin                                    | Denmark                       | 3                                                |
|                                     | MUSCICAPIDAE                                     |                               |                                                  |
| White-throated Fantail [Flycatcher] | *Rhipidura albicollis                            | Thailand                      | 4                                                |
| East African Paradise<br>Flycatcher | Terpsiphone viridis<br>T. v. ferreti             | Kenya                         | 4                                                |

| Common Name                                         | Scientific Name                                      | Country of<br>Origin   | Number<br>Reported |
|-----------------------------------------------------|------------------------------------------------------|------------------------|--------------------|
|                                                     | LANIIDAE                                             |                        |                    |
| Crimson-breasted Bush-<br>Shrike                    | Laniarius atrococcineus                              | Botswana               | 4                  |
| Grey-headed Bush-Shrike                             | *Malaconotus [blanchoti]<br>Malaconotus poliocephali | Mozambique<br>us       | 1                  |
| Brown Shrike                                        | <sup>+</sup> Lanius cristatus                        | *Paraguay              | 100 <sup>1</sup>   |
|                                                     | PRIONOPIDAE                                          |                        |                    |
| Helmet-Shrike                                       | [Prionops sp.]<br>Smaragdolanius leucotis            | Botswana               | 4                  |
|                                                     | +CYCLARHIDAE                                         |                        |                    |
| [Rufous-browed]<br>Pepper-Shrike                    | <sup>+</sup> Cyclarhis gujanensis                    | Bolivia                | 1                  |
|                                                     | STURNIDAE                                            |                        |                    |
| Redwing Starling                                    | +Onychognathus morio                                 | Tanzania               | 5                  |
| Purple [-headed]<br>Glossy Starling                 | [Lamprotornis] purpureiceps                          | *Belgium               | 3                  |
| Purple Glossy Starling                              | *Lamprotornis purpureus                              | Senegal                | 20                 |
| Long-tailed Glossy<br>Starling                      | Lamprotornis caudatus                                | Senegal                | 20                 |
| Long-tailed Starling                                | [Lamprotornis sp.] Aplonis panauensis                | Botswana               | 22                 |
| Violet-backed Starling<br>Plum-coloured<br>Starling | Cinnyricinclus<br>leucogaster                        | Tanzania<br>Mozambique | 5<br>66<br>71      |
| Fischer's Starling                                  | <sup>†</sup> Spreo fischeri                          | Tanzania               | 8                  |

These birds may represent an instance of transshipment.

These birds were probably either Lamprotornis mevesii or L. australis.

| Common Name                                                                               | Scientific Name                                                                                                                                                   | Country of Origin                                            | Number<br>Reported                                                   |
|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------------------------------------------------------------|
| Superb Starling                                                                           | Spreo superbus                                                                                                                                                    | Tanzania                                                     | 105                                                                  |
| Hildebrandt's Starling                                                                    | <sup>+</sup> Spreo hildebrandti                                                                                                                                   | Tanzania                                                     | 9                                                                    |
| Golden-breasted<br>Starling<br>Golden Starling                                            | ·Cosmopsarus regius                                                                                                                                               | Kenya<br>Tanzania                                            | $\begin{array}{c} 3\\ \frac{21}{24} \end{array}$                     |
| Wattled Starling                                                                          | [Creatophora cinerea]<br>Cosmopsarus regius<br>Aplonis panayensis                                                                                                 | Botswana                                                     | 17                                                                   |
| Bali Mynah<br>Bali White Mynah<br>Rothchild's Mynah                                       | Leucopsar rothschildi                                                                                                                                             | *Singapore                                                   | 55 <sup>I</sup>                                                      |
| Common Mynah                                                                              | Acridotheres tristis                                                                                                                                              | India                                                        | 50                                                                   |
| Golden-crested Mynah                                                                      | Mino coronatus                                                                                                                                                    | *Belgium<br>Thailand                                         | 6<br>9<br>15                                                         |
| Hill Mynah<br>Greater, Lesser, and<br>Malaysian Hill Myna<br>Java Mynah<br>Indian Grackle | Gracula religiosa G. r. religiosa G. r. indica G. r. intermedia Gracula sp. Sturmus tristis Mino coronatus Aethipsar cristatellus Sturmia sp. Dichoceros bicornis | Holland India Indonesia *Paraguay Singapore Thailand Unknown | 27<br>8,291<br>69<br>10 <sup>2</sup><br>260<br>19,786<br>9<br>28,452 |
| Glossy Starling                                                                           | [Sturnidae] Sturnus vulgaris                                                                                                                                      | Thailand                                                     | 5                                                                    |
|                                                                                           | NECTARINIIDAE <sup>3</sup>                                                                                                                                        |                                                              |                                                                      |
| Rufous-throated Sun-<br>bird                                                              | <sup>†</sup> [Anthreptes malacensis]<br>Nectarinia psaltrina                                                                                                      | Thailand                                                     | 24                                                                   |

<sup>&</sup>lt;sup>1</sup>An additional 15 birds were refused entry.

<sup>2</sup>These birds were part of what appeared to be a transshipment from another

country.

3An additional 20 sunbirds, 9 Nectarinia asiatica from Thailand and 11 unidentified sunbirds from India, were listed on import declarations as dead on arrival.

| Common Name                                    | Scientific Name                                         | Country of<br>Origin  | Number<br>Reported                                                  |
|------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------------------|
| Violet-backed Sumbird                          | Anthreptes longuemarei                                  | Kenya                 | 1                                                                   |
| East African Violet-<br>backed Sunbird         | <sup>+</sup> Anthrepetes orientalis<br>A. o. orientalis | Kenya                 | 6                                                                   |
| Northern Scarlet-<br>chested Sunbird           | Nectarinia senegalensis<br>N. s. acik                   | Kenya                 | 7                                                                   |
| Purple-throated Sun-<br>bird                   | Nectarinia sperata                                      | India<br>Thailand     | $\begin{array}{r} 30 \\ \underline{6} \\ \overline{36} \end{array}$ |
| Purple Sunbird<br>Purple-chested Sun-<br>bird  | *Nectarinia asiatica                                    | Thailand              | 13                                                                  |
| Golden-winged Sunbird                          | Nectarinia reichenowi                                   | Kenya                 | 5                                                                   |
| Sunbirds                                       | [Nectarinia sp.] Cinnyris sp.                           | Tanzania              | 40                                                                  |
| Sunbird                                        | [Nectariniidae]<br>Eurypyga helias                      | India                 | 14                                                                  |
|                                                | DICAEIDAE                                               |                       |                                                                     |
| Yellow-vented Flower-<br>pecker                | *Dicaeum chrysorrheum                                   | Thailand              | 24                                                                  |
| Orange-bellied<br>Flowerpecker                 | Dicaeum trigonostigma<br>Dicaeum ignipectus             | Thailand              | 135                                                                 |
| Scarlet-backed<br>Flowerpecker<br>Flowerpecker | Dicaeum cruentatum                                      | Thailand              | 365                                                                 |
| Flowerpecker                                   | Dicaeum sp.                                             | Thailand              | 12                                                                  |
|                                                | ZOSTEROPIDAE                                            |                       |                                                                     |
| Indian White-eye                               | Zosterops palpebrosa<br>Zosterops everetti              | Singapore<br>Thailand | 50<br>145<br>195                                                    |

| Reported                                                                          |
|-----------------------------------------------------------------------------------|
| 8                                                                                 |
| $\frac{10}{15}$                                                                   |
|                                                                                   |
| $   \begin{array}{r} 171^{2} \\ 12 \\ 4,521^{2} \\ \hline 4,704^{2} \end{array} $ |
| 4                                                                                 |
| 70                                                                                |
| 20<br>40<br>60                                                                    |
| 20<br>32<br>28<br>80                                                              |
| 100<br>366<br>6<br>4,000<br>30<br>4,502                                           |
| 20<br>86<br>50<br>156                                                             |
|                                                                                   |

Country of

Number

<sup>1</sup>The birds from Tanzania were probably *Zosterops senegalensis* while those from Thailand were likely *Zosterops palpebrosa*.

<sup>2</sup>This number is inexact as some birds were included in mixed shipments for

been Vidua hypocherina.

which numbers of each species were not listed.

3This name, used for 12 birds from Mozambique, suggests that they may have

<sup>&</sup>lt;sup>4</sup>Thrity birds from Senegal listed under this name are included here as their true identity was most likely Vidua chalybeata.

| Common Name                                                                                                               | Scientific Name                                                                                               | Country of<br>Origin                              | Number<br>Reported                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Broad-tailed Paradise<br>Whydah <sup>1</sup><br>Paradise Whydah<br>Yellow-naped Whydah<br>Yellow-naped<br>Paradise Whydah | *Vidua orientalis<br>Vidua paradisaea<br>Vidua religiosa<br>Steganura verreauxi                               | *Belgium<br>*Holland<br>Mozambique<br>Senegal     | $   \begin{array}{r}     100 \\     533 \\     10^2 \\     5,499^3 \\     \hline     6,142^3   \end{array} $ |
| Grey-headed Sparrow                                                                                                       | <sup>†</sup> Passer griseus                                                                                   | Tanzania                                          | 35                                                                                                           |
| Golden Sparrow<br>Yellow Sparrow<br>Golden Sparrow Finch                                                                  | [Passer] luteus<br>Auripasser euchloris<br>Emberiza aureola<br>Steganopleura guttata<br>Diophorophia concreta | *Holland<br>Senegal                               | 131<br>160<br>291                                                                                            |
| Scaly-feathered Finch                                                                                                     | Sporopipes squamifrons                                                                                        | Botswana<br>*Holland<br>* <sup>?</sup> Mozambique | 12<br>20<br>184<br>216                                                                                       |
| Golden Palm Weaver                                                                                                        | Ploceus bojeri                                                                                                | Tanzania                                          | 40                                                                                                           |
| Rüppel's Bishop                                                                                                           | Ploceus galbula                                                                                               | *Holland                                          | 28                                                                                                           |
| Lesser Masked Weaver                                                                                                      | *Ploceus intermedius                                                                                          | Mozambique                                        | 36                                                                                                           |
| Halfmasked Bishop                                                                                                         | [Ploceus velatus]<br>Sitagra vitellina                                                                        | *Holland                                          | 10                                                                                                           |
| Rufous-necked Weaver                                                                                                      | [Ploceus] cucullatus                                                                                          | Senegal                                           | 200                                                                                                          |
| Striated Weaverbird                                                                                                       | *Ploceus manyar                                                                                               | Thailand                                          | 245                                                                                                          |

In previous import lists (Banks, 1970; Banks and Clapp, 1972) most birds included here were listed as *Vidua paradisaea*. The area of origin for most of these birds suggests that most were probably *Vidua orientalis aucupum*. Birds from Belgium and Holland are included here since many of the Paradise Whydahs listed as coming from these countries were transshipped from Senegal. Some, however, should presumably be listed with the preceding species.

<sup>&</sup>lt;sup>2</sup>Presumably these were *Vidua orientalis obtusa*, considered a distinct species by some authors.

<sup>&</sup>lt;sup>3</sup>This figure is inaccurate since some birds were from mixed shipments.

| Common Name                                     | Scientific Name                                                 | Country of<br>Origin                                    | Number<br>Reported                                                                                                                 |
|-------------------------------------------------|-----------------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Baya Weaver                                     | [Ploceus philippinus]                                           | *Hong Kong                                              | 80                                                                                                                                 |
| Yellow Weaver                                   | [Ploceus sp.]<br>Ploceus rubiginosus <sup>1</sup>               | Ethiopia                                                | 251                                                                                                                                |
| Red-billed Weaver                               | Quelea quelea<br>Quelea quelea quelea<br>Amadina erythrocephala | *Holland                                                | 74                                                                                                                                 |
| Napoleon Weaver<br>Taha Weaver                  | Euplectes [afer]<br>Euplectes icterus                           | *Belgium<br>Botswana<br>*Holland<br>Senegal<br>Tanzania | 200<br>10<br>268<br>5,345<br>40<br>5,863                                                                                           |
| Zanzibar Red Bishop<br>Red Bishop               | Euplectes nigroventris                                          | *Holland<br>Tanzania                                    | 24<br>40<br>64                                                                                                                     |
| [Crimson-crowned<br>Bishop]<br>Red Bishop       | Euplectes hordeaceus                                            | *Belgium<br>*Holland                                    | 235<br>10<br>245                                                                                                                   |
| Orange Bishop<br>Grenadier Bishop<br>Red Bishop | Euplectes orix<br>E. o. franciscanus<br>Euplectes afra          | *Belgium<br>Ethiopia<br>*Holland<br>Senegal<br>Tanzania | $   \begin{array}{r}     400 \\     100 \\     422 \\     10,003^2 \\     \hline     26 \\     \hline     10,951^2   \end{array} $ |
| Yellow-wing Weaver                              | *Euplectes [capensis?]<br>Euplectes aureola                     | *Holland                                                | 4                                                                                                                                  |
| Red-collared Whydah                             | Coliuspasser ardens                                             | *Holland                                                | 12                                                                                                                                 |
| Weaverbird                                      | [Ploceidae] Coliuspasser progne                                 | Thailand                                                | 200                                                                                                                                |

 $<sup>^{\</sup>rm l}$  The common name suggests an appearance quite disparate from that suggested by the scientific name. It seems likely that these birds were some other species of *Ploceus*.

This figure is inexact as some birds were in mixed shipments.

| Common Name                                                                   | Scientific Name                                                     | Country of<br>Origin                                      | Number<br>Reported                                       |
|-------------------------------------------------------------------------------|---------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------|
|                                                                               | ESTRILDIDAE                                                         |                                                           |                                                          |
| Aurora Waxbill                                                                | Putilia phoenicoptera<br>P. p. phoenicoptera                        | Holland                                                   | 24                                                       |
| [Orange-winged<br>Pytilia]                                                    | *Pytilia afra                                                       | Mozambique                                                | 10                                                       |
| Melba Finch                                                                   | Pytilia melba                                                       | Botswana<br>*Holland<br>Mozambique<br>Tanzania            | 26<br>34<br>81<br>145<br>286                             |
| Finch                                                                         | Pytilia sp.                                                         | *Singapore                                                | 6                                                        |
| Green Twinspot                                                                | Mandingoa nitidula<br>M. n. chubbi                                  | *Holland<br>Mozambique<br>Tanzania                        | 8<br>4<br>68<br>80                                       |
| Crimson Wing<br>Red-faced Crimson<br>Wing                                     | Cryptopiza reichenovii                                              | *Holland<br>Tanzania                                      | 4<br>20<br>24                                            |
| Red-headed Bluebill                                                           | Spermophaga ruficapilla                                             | Kenya<br>Tanzania                                         | $\frac{3}{10}$                                           |
| Peter's Twinspot                                                              | Hųpargos niveoguttatus                                              | *Holland<br>Mozambique<br>Tanzania                        | 32<br>49<br>145<br>226                                   |
| Red-billed Fire Finch<br>African Fire Finch<br>Large Fire Finch<br>Fire Finch | Lagonosticta senegala<br>Amandava subflava<br>Estrilda caerulescens | Botswana<br>*Holland<br>Mozambique<br>Senegal<br>Tanzania | 10<br>1,316<br>110<br>2,1481<br>4951<br>4,0791           |
| [Blue-billed] Fire<br>Finch                                                   | Lagonosticta rubricata                                              | Mozambique<br>Tanzania                                    | $\begin{array}{r} 52 \\ 3001 \\ \hline 3521 \end{array}$ |
|                                                                               |                                                                     |                                                           |                                                          |

 $<sup>$^{1}$</sup>$  This number is inaccurate since some birds were in mixed shipments.

| Common Name                                                                                        | Scientific Name                                                                                                                                            | Country of Origin                                                       | Number<br>Reported                                                                                                              |
|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Jameson's Fire Finch                                                                               | Lagonosticta rhodopareia<br>Lagonosticta jamesoni<br>Lagonosticta rubricata<br>rhodopareia                                                                 | *Holland<br>Ethiopia<br>Mozambique<br>Tanzania                          | $   \begin{array}{r}     102 \\     901 \\     120 \\     \underline{1451} \\     4571   \end{array} $                          |
| Fire Finch                                                                                         | [Lagonosticta sn.]<br>Amandava amandava                                                                                                                    | Tanzania                                                                | 10                                                                                                                              |
| Blue-breasted Waxbill<br>Blue Waxbill<br>Angola Cordon Bleu<br>Cordon Bleu                         | Uraeginthus angolensis<br>Uraeginthus bengalus<br>Granatina bengalus<br>G. b. angolensis<br>Amandava subflava                                              | Botswana<br>*Holland<br>Mozambique<br>Tanzania                          | 20<br>70<br>192<br>1,190<br>1,472                                                                                               |
| Red-cheeked Cordon Bleu Giant Cordon Bleu East African Cordon Bleu Cordon Bleu Waxbill Cordon Bleu | Uraeginthus bengalus U. b. schoanus Uraeginthus phoenicotis Estrilda estrilda Euplectes afra Lagonosticta senegala Irena puella Phalacrocorax bougainvilli | *Belgium Ethiopia *Holland Mali Mozambique Senegal Tanzania *W. Germany | 724<br>7901<br>2,174<br>7,000<br>40<br>43,7991<br>470<br>15<br>55,1121                                                          |
| Blue-capped Cordon Bleu Blue-capped Waxbill Blue cap                                               | Uraeginthus cyanocephala<br>Uraeginthus angolensis<br>Granatina bengala<br>Uraeginthus ianthinogasu                                                        | *Holland<br>Tanzania<br>ter                                             | 202<br>560<br>762                                                                                                               |
| Violet-eared Waxbill                                                                               | Prieginthus granatina                                                                                                                                      | *Holland<br>Mozambique                                                  | $\frac{8}{26}$                                                                                                                  |
| Purple Grenadier<br>Grenadier Waxbill                                                              | [Uraeginthus]<br>ianthinogaster                                                                                                                            | *Holland<br>Tanzania                                                    | $\frac{46}{287}$                                                                                                                |
| Lavender Finch Vinaigre Queue de Vinaigre                                                          | Estrilda caerulescens Estrilda locustella Estrilda sp. Lagonosticta Emberiza aureola Sporophila sp.                                                        | *Belgium<br>*Botswana<br>*Holland<br>Mali<br>Senegal                    | $   \begin{array}{r}     304 \\     10 \\     677 \\     3,000 \\     \underline{6621} \\     \overline{4,6531}   \end{array} $ |

 $<sup>^{\</sup>mathrm{1}}\mathrm{This}$  number is inaccurate since some birds were in mixed shipments.

| Common Name                                                                  | Scientific Name                                                                                              | Country of<br>Origin                                                   | Number<br>Reported                                                                                             |
|------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| [Black-tailed] Lavender [Finch]                                              | E[strilda] perreini                                                                                          | Mozambique                                                             | 6                                                                                                              |
| Yellow-bellied Waxbill                                                       | Estrilda melanotis<br>E. m. quartinia<br>Coccopygia kilimensis                                               | Ethiopia<br>*Holland<br>Mozambique                                     | $   \begin{array}{r}     150 \\     220 \\     \hline     12 \\     \hline     382   \end{array} $             |
| Orange-cheeked Waxbill<br>Joue Orange                                        | Estrilda melpoda E. m. melpoda Estrilda astrild Uraeginthus angolensis Coccopis gularis Crax rubra Tyto alba | *Belgium<br>*Holland<br>Mali<br>Senegal<br>*Tanzania                   | $   \begin{array}{r}     448 \\     784 \\     26,000 \\     18,9441 \\     \hline     40,2161   \end{array} $ |
| Rosy-rumped Waxbill<br>Red-eared Waxbill                                     | Estrilda rhodopyga                                                                                           | *Holland<br>Tanzania                                                   | $\frac{102^2}{20}$                                                                                             |
| Red-eared Waxbill<br>Bec du Corail<br>Pink-cheeked Waxbill<br>Common Waxbill | Estrilda troglodytes<br>Estrilda cinerea<br>Estrilda astrild<br>Pytilia afra                                 | *Belgium<br>Ethiopia<br>*Holland<br>Mali<br>Senegal<br>*Tanzania       | 400<br>50<br>1,114<br>37,000<br>25,5231<br>70<br>64,1571                                                       |
| St. Helena Waxbill<br>Sundervall's Waxbill<br>Red-eared Waxbill              | Estrilda astrild<br>Estrilda troglodytes<br>Amandava amandava                                                | *Belgium<br>Botswana<br>Ethiopia<br>*Holland<br>Mozambioue<br>Tanzania | 348<br>4<br>230<br>194<br>30<br>1,075<br>1,881                                                                 |
| Black-cheeked Waxbill                                                        | Estrilda erythronotos                                                                                        | Botswana *Holland *?Mozambique Tanzania                                | 30<br>6<br>1<br>40<br>77                                                                                       |

 $<sup>^1</sup>$ This figure is inexact as some birds were in mixed shipments.  $^2$ Twenty-four of these birds may have been one of the two species listed next.

| Common Name                                                       | Scientific Name                                                                                                                            | Country of<br>Origin                                          | Number<br>Reported                                                                                                                                                  |
|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Strawberry Finch<br>Tiger Finch<br>Red Avadavat<br>Avadavat Finch | Amandava amandava A. a. amandava A. a. punicea Amandava sp. Munia sp. Poephila castanotis Sicalis auriventris Ara chloroptera Fringillidae | *Holland India Indonesia *Japan *Senegal Thailand *W. Germany | $   \begin{array}{r}     913^{1} \\     70,159^{1} \\     190 \\     12 \\     200^{2} \\     300 \\     \hline     15 \\     \hline     71,789^{1}   \end{array} $ |
| Green Avadavat<br>Green Tiger Finch<br>Tiger Finch                | [Amandava] formosa<br>Amandina sp.                                                                                                         | Belgium<br>Holland<br>India                                   | 50<br>54<br>1,000 <sup>3</sup><br>1,104                                                                                                                             |
| Golden-breasted Wax-<br>bill<br>Orange-breasted Wax-<br>bill      | Amandava subflava Estrilda s. subflava E. s. clarkei Stictospiza amandava Estrilda melpoda Estrilda astrild Coccopygia bengalus            | *Belgium *Holland Mozambique Senegal Tanzania                 | $ \begin{array}{r} 222\\ 1,327\\ 210\\ 6,508\\ \hline 78\\ 8,345 \end{array} $                                                                                      |
| Ouail Finch                                                       | Ortygospiza atricollis<br>Ortygospiza polyzona                                                                                             | *Holland *?Mozambique                                         | $\frac{22}{238}$ $\frac{260}{260}$                                                                                                                                  |
| Painted Finch                                                     | Emblema picta                                                                                                                              | *Japan                                                        | 14                                                                                                                                                                  |
| Diamond Sparrow                                                   | [F b <sup>†</sup> ema] guttata                                                                                                             | *Belgium<br>*Holland                                          | $\frac{8}{174}$ $\overline{182}$                                                                                                                                    |
| Star Finch                                                        | 'eochimia] ruficauda<br>Bathilda sp.<br>Sicalis flaveola                                                                                   | *Holland<br>*Japan<br>*Taiwan                                 | 12<br>257<br><u>153</u><br>422                                                                                                                                      |

<sup>1</sup> This number is not accurate because birds were in mixed shipments.
2 Possibly these birds were Fire Finches, Lagonosticta senegala.
3 We suspect that most, if not all, of these birds may have been Amandava amandava, listed above.

| Common Name                                                                                                                                             | Scientific Name                                                                                                                                                         | Country of<br>Origin                                             | Number<br>Reported                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------|
| Zebra Finch White Zebra Finch Grey Zebra Finch Fawn Zebra Finch Cinnamon Zebra Finch Masked Zebra Finch Silverwing Zebra Finch White-headed Zebra Finch | [Poephila] guttata Poephila castanctis Amandina c. domestica Taeniopygia castanotis Taeniopygia guttata Estrilda sp. Poephila prasina Fringillidae Phoenicopterus ruber | *Belgium *Holland *Hong Kong *Japan *Taiwan                      | 1,9821<br>80<br>557<br>9,1221<br>11,9231             |
| Grey Zebra Finch                                                                                                                                        | [Estrildidae?]<br>Taeniopygia castanotis                                                                                                                                | *Senegal                                                         | 2,573 <sup>1</sup> , <sup>2</sup>                    |
| [Owl Finch]<br>Bichenow Finch                                                                                                                           | Poephila bichenovii                                                                                                                                                     | *Belgium<br>*Holland                                             | 6<br>36<br>42                                        |
| Masked Grassfinch                                                                                                                                       | Poephila personata                                                                                                                                                      | *Taiwan                                                          | 24                                                   |
| Long-tailed Nonpareil                                                                                                                                   | Poephila acuticauda<br>P. a. acuticauda<br>P. a. hecki<br>Erythrura prasina                                                                                             | *Belgium<br>*Holland<br>*Taiwan                                  | 2<br>2<br>123<br>127                                 |
| Grassfinch                                                                                                                                              | [Poephila sn.]<br>Carduelis carduelis                                                                                                                                   | *Holland<br>*Taiwan                                              | 4<br>64<br>68                                        |
| Pin-tailed Nonpareil<br>Indian Nonpareil                                                                                                                | Frythrura prasina<br>Passerina ciris<br>Lagonosticta senegala<br>Fringillidae                                                                                           | *Belgium *Holland Indonesia *Japan *Paraguay *Singapore Thailand | 40<br>12<br>100<br>6<br>4<br>110<br>13,100<br>13,372 |
| Tri-colored Parrot<br>Finch<br>Blue-faced Parrot<br>Finch                                                                                               | Erythrura trichroa<br>F. t. cyanofrons                                                                                                                                  | *Holland *India *Switzerland                                     | 2<br>4<br>2<br>8                                     |

<sup>&</sup>lt;sup>1</sup>This number is not accurate because some birds were included in mixed

shipments.

The identity of these birds seems questionable on a geographic basis.

Perhaps these were Amandava subflava which is sometimes known as Zebra Waxbill.

| Common Name                                                          | Scientific Name                                                                                                        | Country of<br>Origin                                 | Number<br>Reported                                  |
|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|-----------------------------------------------------|
| Red-headed Parrot<br>Finch<br>Red-faced Parrot<br>Finch              | Erythrura psittacea<br>Erythrura trichroa                                                                              | *Holland<br>*Japan<br>*Switzerland                   | 6<br>8<br>2<br>16                                   |
| Peale's Parrot Finch                                                 | *Erythrura cyaneovirens                                                                                                | *Switzerland                                         | 4                                                   |
| Lady Gouldian Finch                                                  | [Chloebia] gouldiae<br>Poephila g. gouldiae<br>P. g. mirabilis<br>Poephila ruficauda                                   | *Belgium<br>*Holland<br>*Japan<br>*Taiwan<br>Unknown | 10<br>16<br>376<br>812<br>56<br>1,270               |
| Cherry Finch                                                         | Aidemosyne modesta                                                                                                     | *Holland                                             | 6                                                   |
| Silverbill Indian Silverbill African Silverbill White-throated Munia | [Lonchura] malabarica Aidemosyne cantans Lonchura cantans Euodice m. cantans Lonchura leucogastra Xerospingus concolor | *Belgium *Holland India *Mozambique Senegal Tanzania | 54<br>4091<br>26,686<br>10<br>3941<br>10<br>27,5631 |
| Grey-headed Silver-<br>bill<br>Pearl-headed Silver-<br>bill          | [Lonchura griseicapilla]<br>Odontospiza caniceps<br>Fuodice cantans<br>E. c. "perla"<br>Fuodice molabarica can         | *Holland<br>Tanzania<br>tans                         | $\frac{98}{60}$                                     |
| Silverbill                                                           | [Lonchura sp.]<br>Ploceidae                                                                                            | Tanzania                                             | 25                                                  |
| Bronze Mannikin<br>Bronze-winged<br>Mannikin                         | [Lonchura] nana<br>Spermestes nana                                                                                     | *Holland                                             | 72 <sup>2</sup>                                     |
| Bronze Mannikin<br>Bronze-winged<br>Mannikin                         | Lonchura cucullota<br>Spermestes nana                                                                                  | *Holland<br>Mozambique<br>Senegal<br>Tanzania        | 58<br>150<br>104<br>30<br>342                       |

<sup>&</sup>lt;sup>1</sup>This number is inexact as some birds were included in mixed shipments. <sup>2</sup>Most of these birds were very likely *Lonchura cucullata*,,listed next.

| Common Name                                                                                            | Scientific Name                                                                                                                                                      | Country of<br>Origin                                           | Number<br>Reported                                                                               |
|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Rufous-backed Mannikin<br>Brown-backed Mannikin                                                        | Lonchura bicolor<br>Spermestes nigriceps                                                                                                                             | *Holland<br>Mozambique<br>Senegal<br>Tanzania                  | 157<br>24<br>25<br>110<br>316                                                                    |
| Magpie Mannikin<br>Pied Mannikin                                                                       | [Lonchura] fringilloides                                                                                                                                             | Tanzania<br>Mozambique                                         | $\frac{20}{10}$                                                                                  |
| Society Finch Bengalese, Bengalese Finch (with a variety of descriptive adjectives) White-rumped Munia | Lonchura striata L. s. acuticauda Lonchura domestica Uroloncha domestica Munia striata domestica Lonchura ferruginosa Lagonosticta senegala Fringillidae Cotinga sp. | *Holland<br>Hong Kong<br>India<br>*Japan<br>Taiwan<br>Thailand | 476<br>80<br>6,490<br>2,640<br>8,299<br>488<br>18,4731                                           |
| Spice Bird<br>Spice Finch<br>Spotted Munia                                                             | Lonchura punctulata Munia p. fretensis Munia castaneothorax Lonchura malacca Lonchura fuscans Lonchura striata Selenidera sp. Ara ararauna                           | *Holland<br>India<br>Malaysia<br>Thailand                      | 288<br>51,0991<br>550<br>1,460<br>53,3971                                                        |
| Black-headed Nun<br>Black-hooded Nun<br>Tri-colored Nun<br>Chestnut Munia                              | Lonchura malacca L. m. atricapilla Munia a. sinensis Lonchura ferruginosa Lonchura maja Lonchura "tricolora" Uroloncha "tricolora" Munia sp. Lonchura sp.            | *Holland<br>India<br>*Japan<br>Malaysia<br>Taiwan<br>Thailand  | $ \begin{array}{r} 912\\ 42,716^{1}\\ 12\\ 600\\ 178\\ 861^{1}\\ \hline 45,279^{1} \end{array} $ |

 $<sup>^{\</sup>rm l}$  This figure is inaccurate since some birds were included in mixed shipments.

| Common Name                                                                         | Scientific Name                                                                                              | Country of<br>Origin                                                              | Number<br>Reported                                                                                                                           |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| White-headed Nun<br>White-hooded Nun<br>White-headed Munia<br>White-headed Mannikin | Lonchura maja Lonchura ferruginosa Spermestes cucullatus Erythrura prasina Passerina ciris Gracula religiosa | *Holland<br>Indonesia<br>*Japan<br>Malaysia<br>*Paraguay<br>Singapore<br>Thailand | 774<br>200<br>6<br>500<br>6<br>400<br>4,257<br>6,143                                                                                         |
| Munia<br>Dasi Munia                                                                 | Lonchura sp.<br>Munia dasi                                                                                   | Indonesia<br>Thailand                                                             | 85<br>80<br>165                                                                                                                              |
| Red-headed Finch                                                                    | Amadina erythrocephala                                                                                       | Botswana<br>*Holland                                                              | $\frac{10}{90}$                                                                                                                              |
| Cut-throat Finch                                                                    | Amadina fasciata A. f. meridionalis Amandava subflava Crax rubra Pluvianus aegupticus Dicrurus paradiseus    | *Belgium Ethiopia *Holland Mozambique Senegal Tanzania *W. Germany                | $   \begin{array}{r}     360 \\     375 \\     8351 \\     16 \\     4,4131 \\     30 \\     \underline{20} \\     6,0491 \\   \end{array} $ |
| Finch                                                                               | [Estrildidae]<br>Fringillidae                                                                                | *Holland<br>Japan                                                                 | 2<br>198<br>200                                                                                                                              |
|                                                                                     | COEREBIDAE                                                                                                   |                                                                                   |                                                                                                                                              |
| Black-headed Green<br>Honeycreeper                                                  | Chlorophanes spiza<br>Cyanerpes cyaneus                                                                      | Ecuador<br>Colombia                                                               | 2<br>85<br>87                                                                                                                                |
| [Short-billed] Honey-<br>creeper                                                    | *Cyanerpes nitidus                                                                                           | Colombia                                                                          | 20                                                                                                                                           |
| Purple Honeycreeper                                                                 | Cyanerpes caeruleus                                                                                          | Ecuador<br>Colombia                                                               | 25<br>65<br>90                                                                                                                               |

 $<sup>$\</sup>overline{\mbox{$^{1}$}}$$  This figure is inexact since some birds were included in mixed shipments.

| Common Name                                            | Scientific Name                                                           | Country of<br>Origin                | Number<br>Reported                                                                                             |
|--------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Red-legged Honey-<br>creeper                           | Cyanerpes cyaneus                                                         | Ecuador<br>Colombia                 | $\frac{12}{20}$                                                                                                |
| Black-faced Dacnis                                     | *[Dacnis lineata]                                                         | Unknown                             | 4                                                                                                              |
| Yellow-bellied Dacnis                                  | *Dacnis flaviventer                                                       | Colombia                            | 12                                                                                                             |
| Honeycreeper                                           | Dacnis sp.                                                                | Colombia                            | 24                                                                                                             |
| Bananaquit                                             | [Coereba flaveola]                                                        | Colombia                            | 80                                                                                                             |
| Honeycreeper                                           | Coerebidae                                                                | Colombia<br>Unknown                 | $\frac{18}{265}$                                                                                               |
|                                                        | ICTERIDAE                                                                 |                                     |                                                                                                                |
| [Chestnut-headed]<br>Oropendola<br>Wagler's Oropendola | <sup>†</sup> Zarhynchus wagleri                                           | Ecuador<br>Colombia                 | $\frac{2}{9}$                                                                                                  |
| [Crested] Oropendola                                   | Psarocolius decumanus                                                     | *Nicaragua                          | 1                                                                                                              |
| [Russet-backed]<br>Oropendola<br>Green Oropendola      | <sup>†</sup> Psarocolius angustifrons<br>P. a. alfredi                    | Bolivia                             | 2                                                                                                              |
| [Montezuma] Oropendola                                 | Gymnostinops montezuma                                                    | Nicaragua                           | 1                                                                                                              |
| Oropendola                                             | Icteridae<br>Chlorophonia occipitalis<br>Paroaria gularis<br>Turdus feae  | Colombia<br>Costa Rica<br>Nicaragua | $     \begin{array}{r}       18 \\       10 \\       \hline       1 \\       \hline       29     \end{array} $ |
| Yellow-rumped Cacique                                  | Cacicus cela                                                              | Colombia                            | 6                                                                                                              |
| [Moriche] Oriole                                       | *Icterus chrysocephalus                                                   | Ecuador                             | 3                                                                                                              |
| Troupial                                               | Icterus icterus<br>Icteridae<br>Aramides cajanea<br>Terathopius ecaudatus | Colombia<br>*Honduras<br>*Nicaragua | $   \begin{array}{r}     378 \\     2 \\     \hline     10 \\     \hline     390   \end{array} $               |

| Common Name                                        | Scientific Name                                                                                     | Country of<br>Origin | Number .<br>Reported    |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------|----------------------|-------------------------|
| Oriole<br>Golden Oriole Bird                       | [Icterus sp.]<br>Thraupidae<br>Gymnostinops montezuma                                               | Ecuador<br>Nicaragua | $\frac{2}{\frac{1}{3}}$ |
|                                                    | *TERSINIDAE                                                                                         |                      |                         |
| Swallow-Tanager                                    | *Tersina viridis                                                                                    | Ecuador              | 26                      |
|                                                    | THRAUPIDAE                                                                                          |                      |                         |
| [Scrub] Euphonia                                   | <sup>†</sup> [Euphonia] affinis                                                                     | Guatemala            | 4                       |
| [Yellow-crowned Euphonia]                          | [Euphonia] luteicapilla                                                                             | Nicaragua            | 6                       |
| Yellow-throated<br>Euphonia<br>Bonaparte's Tanager | <sup>+</sup> [Euphonia hirundinacea]<br>Tanagra lauta                                               | Guatemala<br>Panama  | $\frac{6}{10}$          |
| Blue-hooded [Euphonia]                             | [Euphonia] musica<br>Tanagra musica                                                                 | Guatemala            | 5                       |
| Orange-bellied<br>Euphonia                         | *[Euphonia] xanthogaster                                                                            | Ecuador              | 54                      |
| Blue-Golden Euphonia                               | [Euphonia sp.]<br>Tanagra luteicapilla<br>Thraupis episcopus<br>Cissa ormata<br>Carduelis carduelis | Ecuador              | 23                      |
| Orange-eared Tanager                               | Chlorochrysa calliparaea                                                                            | Bolivia              | 3                       |
| Opal-rumped Tanager                                | *[Tangara] velia                                                                                    | Colombia<br>Ecuador  | 21<br>15<br>36          |
| Paradise Tanager                                   | Tangara chilensis                                                                                   | Ecuador<br>Peru      | $\frac{73}{209}$        |
| Green-and-Gold<br>Tanager                          | <sup>+</sup> Tangara schrankii                                                                      | Ecuador              | 48                      |

| Common Name                                  | Scientific Name                          | Country of Origin             | Number<br>Reported                                                                   |
|----------------------------------------------|------------------------------------------|-------------------------------|--------------------------------------------------------------------------------------|
| Golden Tanager                               | Tangara arthus                           | Bolivia<br>Ecuador<br>Unknown | $   \begin{array}{r}     10 \\     64 \\     \underline{6} \\     80   \end{array} $ |
| Yellow-crowned<br>Tanager                    | Tangara xanthocephala<br>T. x. lamprotis | Bolivia                       | 2                                                                                    |
| Golden-eared Tanager                         | Tangara chrysotis                        | Ecuador                       | 6                                                                                    |
| Flame-faced Tanager                          | Tangara parzudakii                       | Ecuador                       | 56                                                                                   |
| [Spotted] Tanager                            | *Tangara punctata                        | Bolivia                       | 1                                                                                    |
| Speckled Tanager                             | *Tangara guttata                         | *Bolivia                      | 11                                                                                   |
| Bay-headed Tanager                           | *Tangara [gyrola]                        | Ecuador                       | 6                                                                                    |
| Blue-necked Tanager                          | Tangara cyanicollis                      | Ecuador<br>Unknown            | 55<br>14<br>69                                                                       |
| Black and Green<br>Calliste                  | Tangara nigroviridis                     | Ecuador                       | 25                                                                                   |
| Blue and Black<br>Tanager<br>Vassori Tanager | Tangara vassorii                         | Bolivia<br>Ecuador<br>Unknown | 7<br>5<br>6<br>18                                                                    |
| Black-capped Tanager                         | Tangara heinei                           | Ecuador                       | 6                                                                                    |
| Tanager<br>Speckled Tanager                  | Tangara sp.                              | Ecuador                       | 63                                                                                   |
| Scarlet-bellied [Mountain-] Tanager          | [Anisognathus igniventris]               | Unknown                       | 4                                                                                    |
| Blue-winged Mountain-<br>Tanager             | Anisognathus flavinucha                  | Bolivia<br>Ecuador            | $\frac{11}{27}$                                                                      |

<sup>1</sup>Possibly this bird was Tangara punctata, listed above.

| Common Name                                  | Scientific Name                                                                    | Country of<br>Origin                                   | Number<br>Reported                  |
|----------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------|
| [Hooded Mountain-]<br>Tanager                | Buthraupis montana                                                                 | Colombia<br>Ecuador<br>Peru                            | 60<br>145<br>93<br><del>2</del> 981 |
| [Chestnut-bellied]<br>Mountain-Tanager       | Dubusia castaneoventris                                                            | Bolivia                                                | 1                                   |
| Blue Tanager<br>Blue-gray Tanager            | Thraupis episcopus Thraupis virens Thraupis cana Thraupis caerulea Ramphocelus sp. | Colombia<br>Ecuador<br>Guatemala<br>Guyana<br>Honduras | 116<br>50<br>5<br>181<br>1<br>353   |
| Palm Tanager                                 | Thraupis palmarum                                                                  | Ecuador<br>Peru                                        | 20<br>44<br>64                      |
| Blue-capped Tanager                          | Thraupis cyanocephala                                                              | Bolivia<br>Ecuador                                     | $\frac{2}{10}$                      |
| Blue and Yellow<br>Tanager                   | Thraupis bonariensis                                                               | Bolivia                                                | 1                                   |
| Tanager                                      | Thraupis sp.                                                                       | Colombia                                               | 9                                   |
| [Silver-beaked]<br>Tanager<br>Maroon Tanager | Ramphocelus carbo                                                                  | Colombia<br>Ecuador<br>Peru<br>Unknown                 | 78<br>24<br>92<br>17<br>211         |
| Masked Crimson<br>Tanager<br>''Hunchala''    | Ramphocelus nigrogularis                                                           | Peru                                                   | 158                                 |
| Flame-rumped Tanager                         | Ramphocelus flammigerus                                                            | Colombia                                               | 10                                  |

<sup>&</sup>lt;sup>1</sup>Judging by the size of some shipments, we think it likely that some importers use *Buthraupis montana* as a catchall name to cover mixed lots of tanagers.

| Common Name                                                                           | Scientific Name                                                                                                                                                | Country of<br>Origin                         | Number<br>Reported            |
|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-------------------------------|
| Scarlet Tanager                                                                       | Ramphocelus passerinii                                                                                                                                         | *Peru                                        | 1201                          |
| Tanager                                                                               | Ramphocelus                                                                                                                                                    | Colombia                                     | 25                            |
| [Red-crowned Ant-<br>Tanager]<br>Suisui                                               | Habia rubica                                                                                                                                                   | Peru                                         | 9                             |
| [Yellow-throated Bush-]<br>Tanager                                                    | *Chlorospingus<br>flavigularis                                                                                                                                 | Ecuador                                      | 1172                          |
| [Short-billed Bush-]<br>Tanager                                                       | <sup>†</sup> Chlorospingus<br>parvirostris                                                                                                                     | Colombia                                     | 60                            |
| [Black-backed Bush-]<br>Tanager                                                       | *Urothraupis stolzmanni                                                                                                                                        | Ecuador                                      | 1142                          |
| Tanager Assorted Tanagers Mountain-Tanagers Green Tanagers White-winged Blue Tanagers | Thraupidae <sup>3</sup> Tanagrella callophrys Buthraupis montana Piranga leucoptera Euphonia violacea "Arthu aeoutiorialis" Ramphocelus sp. Andigena cucullata | Bolivia<br>Colombia<br>Costa Rica<br>Ecuador | 2<br>518<br>135<br>162<br>817 |
|                                                                                       | FRINGILLIDAE                                                                                                                                                   |                                              |                               |
| Chaffinch                                                                             | Fringilla coelebs<br>Estrilda sp.                                                                                                                              | W. Germany                                   | 53                            |
| [European] Serin                                                                      | Serinus [serinus]                                                                                                                                              | W. Germany                                   | 10                            |

<sup>&</sup>lt;sup>1</sup>This identification seems very unlikely on a geographic basis.
<sup>2</sup>Each of these totals represents single shipments, the size of which suggests the possibility that they were mixed species shipments.
<sup>3</sup>These entries include all Tanagers not satisfactorily identified to species as well as several importations which seem exceedingly unlikely on a geographic basis.

| Common Name                   | Scientific Name                                                    | Country of<br>Origin                                                              | Number<br>Reported                                                                      |
|-------------------------------|--------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| Canary<br>Domestic Canary     | Serinus canaria<br>Serinus flavivertex<br>Carduelis canaria        | *Belgium *England *Holland *Japan *Taiwan *W. Germany                             | 212<br>127<br>9,734<br>142,227<br>76,922<br>709<br>229,931                              |
| Cape Canary                   | Serinus canicollis                                                 | Mozambique                                                                        | 2                                                                                       |
| Grey Singing Finch            | Serinus leucopygius<br>Serinus sp.                                 | Ethiopia<br>*Holland<br>Senegal                                                   | $   \begin{array}{r}     20 \\     171 \\     81 \\     \hline     1991   \end{array} $ |
| Yellow-rumped Serin           | [Serinus atrogularis]<br>Poliospiza angolensis                     | *Holland                                                                          | 53                                                                                      |
| Green Singing Finch<br>Canary | Serinus mozambicus<br>Serinus icterus<br>Estrilda sp.              | *Belgium *Holland *Hong Kong Mali Mozambique Senegal *Taiwan Tanzania *W. Germany | 380<br>1,2051<br>140<br>3,000<br>76<br>28,4441<br>56<br>290<br>19<br>33,6101            |
| Bully Seedeater               | *Serinus sulphuratus                                               | Mozambique                                                                        | 4                                                                                       |
| Mennell's Seedeater           | *Serinus mennelli                                                  | Mozambique                                                                        | 6                                                                                       |
| Canary                        | Serinus sp.<br>Carduelis canaria                                   | Botswana<br>Tanzania                                                              | $\frac{8}{20}$                                                                          |
| Green Finch                   | [Carduelis] chloris<br>Hypocanthis spinoides<br>Serinus mozambicus | W. Germany                                                                        | 53                                                                                      |

 $<sup>^{\</sup>mbox{\scriptsize $1$}}$  This number is inexact because some birds were included in mixed shipments.

| Common Name                                | Scientific Name                                                                  | Country of<br>Origin                                          | Number<br>Reported                                                          |
|--------------------------------------------|----------------------------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------------------------|
| European Siskin                            | [Carduelis] spinus                                                               | W. Germany                                                    | 82                                                                          |
| [Red] Siskin                               | <sup>†</sup> [Carduelis] cucullata                                               | *Guyana                                                       | 20                                                                          |
| European Goldfinch                         | Carduelis carduelis<br>C. c. britannica<br>Carduelis caniceps<br>Carduelis major | Belgium<br>Holland<br>India<br>Israel<br>Turkey<br>W. Germany | 50<br>14<br>200<br>15<br>100<br>765<br>1,144                                |
| Redpo11                                    | <sup>†</sup> Acanthis flammea<br>Acanthis sp.                                    | Norway<br>W. Germany                                          | 2<br><u>3</u><br><del>5</del>                                               |
| Twite                                      | <sup>†</sup> [Acanthis] flavirostris                                             | Norway                                                        | 11                                                                          |
| Linnet                                     | Acanthis cannabina<br>Carpodacus sp.                                             | W. Germany                                                    | 76                                                                          |
| Crossbill                                  | <sup>+</sup> [Loxia sp.]<br>Haematospiza sipahi                                  | W. Germany                                                    | 5                                                                           |
| Bullfinch                                  | Pyrrhula pyrrhula                                                                | W. Germany                                                    | 29                                                                          |
| <b>Hawfinch</b>                            | *[Coccothraustes<br>coccothraustes]                                              | W. Germany                                                    | 12                                                                          |
| Green Cardinal                             | Gubernatrix cristata                                                             | Argentina<br>*Belgium<br>*Holland                             | 370<br>10<br>23<br>403                                                      |
| Cardinal                                   | Gubernatrix cristata <sup>1</sup>                                                | *Colombia                                                     | 192                                                                         |
| Red-crested Cardinal<br>Brazilian Cardinal | Paroaria coronata<br>Paroaria cucullata<br>Paroaria cristata<br>Paroaria gularis | Argentina<br>Brazil<br>*Colombia<br>*Holland<br>Paraguay      | $ \begin{array}{r} 30\\220\\180^2\\39\\\underline{533}\\1,002 \end{array} $ |

 $<sup>^{1}\</sup>mathrm{This}$  identification appears inaccurate on a geographic basis.  $^{2}\mathrm{We}$  think it probable that many of these birds were misidentified on the import forms.

| Common Name                                                        | Scientific Name                                                               | Country of<br>Origin               | Number<br>Reported                      |
|--------------------------------------------------------------------|-------------------------------------------------------------------------------|------------------------------------|-----------------------------------------|
| Pope Cardinal                                                      | Paroaria dominicana<br>Paroaria larvata<br>Paroaria intake                    | *Colombia<br>*Holland<br>*Paraguay | 54<br>65<br>1,250 <sup>1</sup><br>1,369 |
| [Red-capped] Cardinal                                              | Paroaria gularis                                                              | Colombia<br>Peru                   | 88<br>15<br>103                         |
| Yellow-billed Pope<br>Cardinal                                     | Paroaria capitata                                                             | *Holland                           | 12                                      |
| Red Cardinal<br>Venezuelan Scarlet<br>Cardinal                     | [Cardinalis] phoenicea                                                        | *Argentina<br>Colombia             | 70<br>586<br>656                        |
| Cardinal                                                           | [Unidentified Paroaria/<br>Cardinalis]<br>Hyphessobrycon cardina<br>Cheirodon | Argentina<br>Colombia<br>lis       | 100<br>48<br>148                        |
| Yellow Grosbeak                                                    | Pheucticus chrysopeplus                                                       | Peru                               | 10                                      |
| [Black-backed]<br>Grosbeak                                         | *Pheucticus aureoventris                                                      | Bolivia                            | 1                                       |
| Rainbow Bunting<br>Orange-breasted<br>Bunting<br>Mexican Nonpareil | Passerina leclancherii<br>"Canarius marinos"                                  | *Belgium<br>*Holland<br>Mexico     | 2<br>2<br>1,000<br>1,004                |
| [Blue-black] Grassquit<br>Jacarini Finch                           | Volatinia jacarina                                                            | Colombia<br>*Holland               | 35<br>12<br>47                          |
| [Variable Seedeater]<br>Lined Finch                                | Sporophila americana                                                          | *Holland                           | 4                                       |
| Lined Seedeater                                                    | Sporophila lineola                                                            | Guyana                             | 9                                       |
| Reddish Finch                                                      | [Sporophila sp.?] Sporophila nigroarrants                                     | Holland<br>ia                      | 4                                       |
| 1                                                                  |                                                                               |                                    |                                         |

 $<sup>^{\</sup>mbox{\scriptsize l}}\mbox{\scriptsize We think it probable that many of these birds were misidentified on the import forms.}$ 

| Common Name                                           | Scientific Name                                                              | Country of<br>Origin                               | Number<br>Reported           |
|-------------------------------------------------------|------------------------------------------------------------------------------|----------------------------------------------------|------------------------------|
| Saffron Finch                                         | Sicalis flaveola<br>Sicalis auriventris<br>Estrilda subflava<br>Fringillidae | Colombia<br>*Holland<br>*Japan<br>Paraguay<br>Peru | 865<br>82<br>100<br>50<br>15 |
| Diuca Finch                                           | Diuca diuca                                                                  | *Holland                                           | 20                           |
| Black-crested Finch                                   | Lophospingus pusillus                                                        | *Holland                                           | 81                           |
| Red-crested Finch                                     | Coryphospingus<br>cucullatus<br>Coryphospingus pusillus                      | *Holland                                           | 84                           |
| Pileated Finch                                        | Coryphospingus pileatus                                                      | *Holland                                           | 48                           |
| [Rufous-naped Brush-<br>Finch]<br>Brown-naped Sparrow | *Atlapetes rufinucha                                                         | Bolivia                                            | 3                            |
| [Black and Rufous]<br>Warbling-Finch                  | *Poospiza nigrorufa                                                          | *Holland                                           | 10                           |
| Rock Bunting                                          | *Emberiza cia                                                                | W. Germany                                         | 10                           |
| [Cinnamon-breasted<br>Bunting<br>Rock Bunting         | *[Emberiza] tahapisi                                                         | Mozambique                                         | 6                            |
| Golden-breasted<br>Bunting                            | Emberiza flaviventris                                                        | Botswana<br>Mozambique                             | $\frac{14}{26}$              |
| [Three-streaked] Bunting                              | †Emberiza cabanisi<br>Emberiza orientalis                                    | Tanzania                                           | 10                           |
| Black-headed Bunting                                  | *Emberiza [melanocephala]<br>Emberiza bruniceps                              | *Holland                                           | 5                            |
| Indian Yellow Bunting<br>Red-headed Bunting           | Emberiza bruniceps<br>Emberiza maja<br>Emberiza rodopygia                    | *Holland                                           | 24                           |

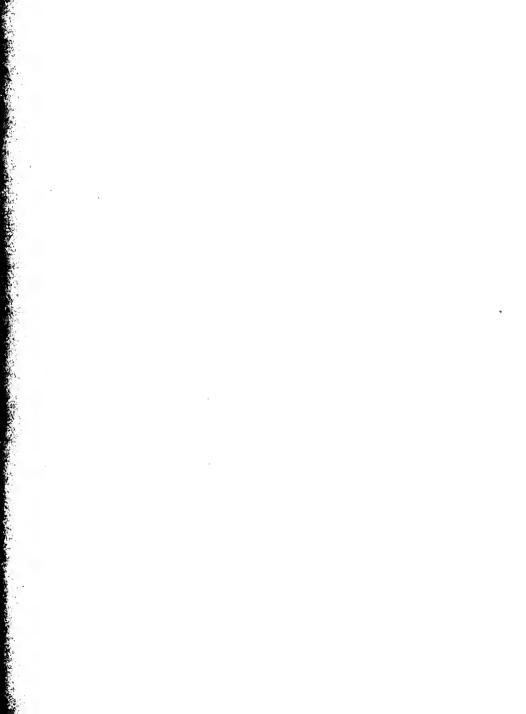
| Common Name                                                  | Scientific Name                                                                                                                                                                               | Country of Origin                                                      | Number<br>Reported                        |
|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-------------------------------------------|
| Bunting                                                      | [Emberiza sp.]<br>Passerina leclancheri                                                                                                                                                       | Botswana                                                               | 2                                         |
| Finch Assorted Finches "Little Bird Seed- eater" Canary Nuns | Fringillidae  Lagonosticta senegala Erythrura prasina Poephila castanotis Serinus mozambicus Serinus sp. Ara ararauna Carduelis canaria Lonchura ferruginosa Amadina fasciata  FAMILY UNKNOWN | Argentina Botswana Brazil Colombia Ecuador Guyana Mexico Paraguay Peru | 70 120 20 404 2 63 7 260 106              |
| Miscellaneous Birds                                          |                                                                                                                                                                                               | Brazil<br>Colombia<br>Mozambique<br>Nigeria<br>Paraguay<br>Peru        | 2<br>201<br>2<br>5<br>1,181<br>2<br>1,393 |

<sup>1</sup>While many of the names included here apply to valid species of Fringillidae or Estrildidae, all were reported from areas from which their importation seems very unlikely. Further, in most instances such names ocurred on import forms on which all other species listed were clearly native to the country of origin. Some are no doubt Estrildidae but the majority are probably Fringillidae.

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