
**BIRDS OF
CONSERVATION CONCERN
2002**

**U.S. Fish and Wildlife Service
Division of Migratory Bird Management
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BIRDS OF CONSERVATION CONCERN 2002

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EXECUTIVE SUMMARY

The 1988 amendment to the Fish and Wildlife Conservation Act mandates the U.S. Fish and Wildlife Service (USFWS) to “identify species, subspecies, and populations of all migratory nongame birds that, without additional conservation actions, are likely to become candidates for listing under the Endangered Species Act of 1973.” *Birds of Conservation Concern 2002 (BCC 2002)* is the most recent effort to carry out this mandate. The overall goal of this report is to accurately identify the migratory and non-migratory bird species (beyond those already designated as Federally threatened or endangered) that represent our highest conservation priorities and draw attention to species in need of conservation action. The geographic scope of this endeavor is the United States in its entirety, including island "territories" in the Pacific and Caribbean. It is more comprehensive than previous versions. *BCC 2002* encompasses three distinct geographic scales—North American Bird Conservation Initiative (NABCI) Bird Conservation Regions (BCRs), USFWS Regions, and National—and is primarily derived from assessment scores from three major bird conservation plans: Partners in Flight, the United States Shorebird Conservation Plan, and the North American Waterbird Conservation Plan.

Bird species considered for inclusion on lists in this report include nongame birds, gamebirds without hunting seasons, subsistence-hunted nongame birds in Alaska; and Endangered Species Act candidate, proposed endangered or threatened, and recently delisted species. Assessment scores from all three bird conservation plans are based on several factors, including population trends, threats, distribution, abundance, and area importance. These assessment scores serve as the foundation on which we built the *BCC 2002* lists. Although the different bird conservation plans use somewhat different methods for determining the highest priority species, the scores from each represent true conservation priorities for each of the three species groups (landbirds, shorebirds, and waterbirds). We therefore view the conservation priorities within each plan as approximately equivalent. After creating BCR lists, we developed specific criteria for including species on USFWS Region and National lists. BCR lists include 8 to 48 species, USFWS Region lists include 28 to 88 species, and the National list contains 131 species. In virtually all cases, priority species make up 9 to 12 percent of all bird species in any given geographic unit.

While all of the bird species included in *BCC 2002* are priorities for conservation action, this list makes no finding with regard to whether they warrant consideration for ESA listing. Our goal is to prevent or remove the need for additional ESA bird listings by implementing proactive management and conservation actions. We recommend that these lists be consulted in accordance with Executive Order 13186, “Responsibilities of Federal Agencies To Protect Migratory Birds.” This report should also be used to develop research, monitoring, and management initiatives. *BCC 2002* is intended to stimulate coordinated and collaborative proactive conservation actions among Federal, State, and private partners. We hope that, by focusing attention on these highest priority species, this report will promote greater study and protection of the habitats and ecological communities upon which these species depend, thereby ensuring the future of healthy avian populations and communities.

ACKNOWLEDGMENTS

Primary responsibility for coordinating the completion of this project was shared by Steven R. Sheffield and John L. Trapp, including compilation and analysis of assessment scores, development of selection criteria, drafting and editing innumerable versions of the report, and preparing the tables and appendices.

We are especially indebted to our USFWS Region collaborators—Tara Zimmerman (Region 1), Bill Howe (Region 2), Tom Will (Region 3), William Hunter (Region 4), Randy Dettmers (Region 5), Stephanie L. Jones (Region 6), and Kenton D. Wohl (Region 7)—for providing invaluable assistance in helping to develop selection criteria, finalizing BCR and USFWS Region lists, and reviewing and commenting on several drafts of the report. This report could not have been completed without the active participation of these individuals.

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Finally, we must offer special thanks to four individuals who played key roles in providing access to the baseline data that were essential for preparing this report: Mike Carter and Arvind Panjabi (formerly and currently with the Rocky Mountain Bird Observatory, respectively) made available information from the PIF database and responded to our many questions, and Stephen Brown and Katherine Parsons (both with the Manomet Center for Conservation Sciences) supplied priority scores from the United States Shorebird Conservation Plan and the North American Waterbird Conservation Plan, respectively.

INTRODUCTION

The purpose of this document is to identify migratory and non-migratory birds of the United States and its territories that are of conservation concern so as to stimulate coordinated and proactive conservation actions among Federal, State, and private partners. The concerns may be the result of population declines, naturally small ranges or population sizes, threats to habitat, or other factors. The primary legal authority for *Birds of Conservation Concern 2002 (BCC 2002)* is the Fish and Wildlife Conservation Act of 1980 (FWCA), as amended; other authorities include the Endangered Species Act, the Fish and Wildlife Act of 1956, and 16 U.S.C. § 701. The 1988 amendment (Public Law 100-653, Title VIII) to the FWCA requires the Secretary of the Interior, through the USFWS, to “identify species, subspecies, and populations of all migratory nongame birds that, without additional conservation actions, are likely to become candidates for listing under the Endangered Species Act of 1973.” *BCC 2002* is the most recent effort by the USFWS to carry out this proactive conservation mandate. The overall goal of this report is to accurately identify those species (beyond those already Federally listed as threatened or endangered) in greatest need of conservation action at different geographic scales.

A primary goal of the USFWS is to conserve avian diversity in North America (USFWS 1990). This goal includes reducing or removing threats that may necessitate consideration for listing under the ESA. The underlying philosophy behind this report is that proactive bird conservation is necessary at a time when human impacts are at an all-time high. We strongly believe that a well-designed program that addresses resource management issues up front will prevent or remove the need to consider listing species as threatened or endangered, and will promote and conserve long-term avian diversity in the United States. In addition, proactive conservation clearly is more cost-effective than the extensive recovery efforts required once a species is Federally listed under the ESA. Our intent is for *BCC 2002* to stimulate coordinated efforts by Federal and State agencies, in collaboration with private organizations, to develop and implement comprehensive and integrated approaches for the study, management, and protection of non-ESA listed bird species deemed to be in the most need of additional conservation actions.

While the inclusion of non-MBTA species is beyond the scope of the FWCA, the Service has an incentive to encourage proactive management of these species by State agencies and other partners to ensure that they never have to be listed as endangered or threatened.

Bird species assemblages, guilds, or communities have recently been promoted as indicators of ecological integrity in a variety of habitats (Bradford et al. 1998, O’Connell et al. 1998, Canterbury et al. 2000, O’Connell et al. 2000), and at-risk bird species are good measures of ecosystem threats (Beissinger et al. 1996). Setting priorities in conservation is crucial because funding is limited. Many systems for setting wildlife conservation priorities have been proposed. Some have focused heavily on identifying and quantifying threats to endangered or rare species (Master 1991, Wilcove et al. 1998). Others have focused on highlighting species that deserve attention due to threats to their populations, widespread or long-term declines, or

low potential for population recovery (Millsap et al. 1990). The Canadian Wildlife Service developed a priority ranking system that focuses on conservation concerns and agency responsibilities to assist in setting conservation priorities for landbird species (Dunn 1997, Dunn et al. 1999). The mandate of the 1988 FWCA amendment requires a more proactive approach; namely, to identify species that, without additional conservation actions, may become listed as endangered or threatened under the ESA. *BCC 2002* uses current conservation assessment scores from three bird conservation plans: Partners in Flight (PIF; Pashley et al. 2000), the United States Shorebird Conservation Plan (USSCP; Brown et al. 2000), and the North American Waterbird Conservation Plan (NAWCP; North American Waterbird Conservation Plan Steering Committee 2001). Species in need of additional conservation attention are identified at three distinct geographic scales: North American Bird Conservation Initiative (NABCI) Bird Conservation Regions (BCRs; U.S. NABCI Committee 2000a, 2000b, 2000c), USFWS Regions, and National.

Assessment scores are based on several parameters including population trends, threats, distribution, abundance, and area importance. PIF, a coalition of Federal and State government agencies, non-governmental organizations, and private interests, developed species assessment scores out of concern for the sharp declines in many North American neotropical migrant songbirds (Pashley et al. 2000). The PIF approach has been peer-reviewed by an independent body of avian biologists (Beissinger et al. 2000, Carter et al. 2000, Partners in Flight 2001). Similar coalitions have prepared and reviewed conservation assessment scores for shorebirds (USSCP) at the National scale and in step-down regional shorebird conservation plans (Brown et al. 2000), and for waterbirds (NAWCP) at the continental scale (North American Waterbird Conservation Plan Steering Committee 2001). Additionally, we found it necessary to develop conservation assessment scores for a few species not yet evaluated by any of the bird conservation plans, such as Pacific Island landbirds. Taken together, these assessment scores can be used to develop a comprehensive set of integrated bird conservation priorities; this represents a unique conservation effort unmatched for any other major group of organisms in North America.

BACKGROUND

Why Did We Create Lists at Different Geographic Scales?

Listing birds of conservation concern at three geographic scales maximizes the utility of the lists for a variety of partner agencies and organizations. The different geographic scales, from smallest to largest, are as follows:

NABCI Bird Conservation Regions (BCRs). We have adopted BCRs as the smallest and ecologically most relevant of our geographic scales. BCRs have been endorsed by NABCI (U.S. NABCI Committee 2000a, 2000b, 2000c) as the basic ecological units within which all-bird conservation efforts will be planned and evaluated (Fig. 1). NABCI is an endeavor to increase the effectiveness of bird conservation at the continental level and currently includes the United States, Canada, and Mexico. Its goal is to deliver “the full spectrum of bird conservation through regionally based, biologically driven, landscape-oriented partnerships” (U.S. NABCI Committee 2000a). A published map of BCRs and accompanying written descriptions of each are available (U.S. NABCI Committee 2000b, 2000c, 2002). The BCR lists will be most useful to Federal land-managing agencies and their partners in their efforts to abide by the bird conservation principles embodied in the four bilateral conventions implemented by the Migratory Bird Treaty Act (MBTA); see Executive Order 13186 of January 10, 2001 (Clinton 2001). NABCI has recognized 35 BCRs that cover the contiguous 48 States, Alaska, and Hawaii (<http://www.nabci-us.org/bcrs.html>). These BCRs are numbered 1 to 5, 9 to 37, and 67 (U.S. NABCI Committee 2000a, 2000b, 2000c, 2002). For purposes of this report, we created two additional BCRs to encompass island “territories” of the United States¹, BCR 68 for the

¹ Island "territories" and other affiliations of the United States considered in this document include (a) *American Samoa* - an unincorporated and unorganized territory; (b) *Baker Island* - an unincorporated territory administered by the USFWS as a National Wildlife Refuge (NWR); (c) *Commonwealth of the Northern Marianas Islands* - aligned through a covenant of "political union"; (d) *Guam* - an unincorporated organized territory; (e) *Howland Island* - an unincorporated territory administered by the USFWS as a NWR; (f) *Jarvis Island* - an unincorporated territory administered by the USFWS as a NWR; (g) *Johnston Atoll* - an unincorporated and unorganized territory under joint operational control of the Department of Defense and USFWS (and administered as a NWR); (h) *Kingman Reef* - an unincorporated territory administered by the USFWS as a NWR; (i) *Midway Islands* - an unincorporated territory administered by the USFWS as a NWR; (j) *Navassa Island* - administered by the USFWS as a NWR; (k) *Palmyra Atoll* - a privately-owned incorporated territory; (l) *Commonwealth of Puerto Rico* - a commonwealth; (m) *U.S. Virgin Islands* - an unincorporated organized territory; and (n) *Wake Island* - an unincorporated territory administered by the Department of the Interior (Central Intelligence Agency 2001).

Pacific Ocean and BCR 69 for the Caribbean. There are 37 BCR lists of priority species.

USFWS Regions. There are seven USFWS Regions (<http://offices.fws.gov/directory/listofficeregion.cfm>), each encompassing multiple States in the same geographic area (except Alaska, which is its own region). The USFWS Region lists will be useful to USFWS administrators and biologists, other Federal and State agencies within a Region, and their partners and cooperators.

National. The National list encompasses the United States in its entirety, including island "territories" in the Caribbean and Pacific². The National list should be viewed as a barometer of the status of continental bird populations, providing an "early warning" of birds that may decline to levels requiring ESA protection unless additional conservation measures are taken. The National list will be most useful as an outreach tool for educating the public about the precarious status of bird species in the United States. It will also be useful for National bird conservation planning. The National list should not be used to foster bird conservation at smaller geographic scales; that is the purpose of the BCR and USFWS Region lists. Although there are other lists of this nature, such as the recent National Audubon Society (2001) and PIF (Carter et al. 1996, Pashley et al. 2000:12-14) Watch Lists, and the discontinued Blue List published by the National Audubon Society (Tate 1986), none of them is as comprehensive as *BCC 2002*.

What Bird Species Did We Consider?

The various species groups considered for inclusion on *BCC 2002* lists are described in Table 1. Our only deviation from the 1995 report in this regard was the consideration of non-MBTA species. The major groups of species not considered in this assessment are (1) migratory gamebirds for which hunting regulations are established (i.e., cooperatively managed by Federal-State flyway councils); (2) species that are peripheral to the United States (i.e., <1 percent of the rangewide population occurs in the United States); (3) species, subspecies, and populations endangered or threatened (i.e., subject to the provisions of the ESA); (4) resident gamebirds (i.e., managed by State wildlife agencies); and (5) non-native species.

Because the three bird conservation plans that we use here are all species-based, assessment scores were available only for full species. However, where appropriate, subspecies and populations are included in this assessment based on geographic range, Federal candidate status, or available local data. Subspecies and populations are represented on lists at all three geographic scales.

In the spirit of all-bird conservation, we include species not specifically covered by the MBTA when they are deemed to be conservation priorities. To avoid confusion, we clearly differentiate between MBTA and non-MBTA bird species (see Table 3). A list of species protected by the MBTA is found in Title 50, Part 10, of the *Code of Federal Regulations*.

How Does *BCC 2002* Compare to Previous Versions?

BCC 2002 is the latest product in a continuing effort to assess and prioritize bird species for conservation purposes (USFWS 1982, 1987, 1995; and U.S. Department of the Interior 1990). It is difficult to make meaningful comparisons among or between lists because of differences in the way each succeeding report was prepared. In chronological order, these efforts produced lists containing 28, 30, 77, and 124 species of conservation concern at a National scale in 1982, 1987, 1990, and 1995, respectively; by comparison, *BCC 2002* includes 131 species at the National scale. Do these figures reflect an actual decline in the conservation status of the Nation's birdlife, or do they merely reflect improvements in our ability to accurately identify and characterize species in real need of conservation attention? The truth probably lies somewhere in the middle. The preparation of prioritized species lists should be viewed as an evolving process, improving as our knowledge base increases, with each list reflecting the best available information at the time of its publication.

BCC 2002 is fundamentally different from previous lists that attempted to identify birds of concern. It derives primarily from conservation assessment scores from three different bird conservation initiatives, whereas previous editions used a variety of different sources to determine priorities (Table 2). Conservation assessment scores from the three initiatives were not available in 1987 or 1995. Species on the 1995 list that do not appear in *BCC 2002* did not score high enough as a conservation priority for a particular geographic area. *BCC 2002* includes three distinct geographic scales, whereas the 1987 list included one (National) and the 1995 list included two (National and USFWS Region). Birds of the Pacific Island "territories" such as American Samoa, Guam, and the Commonwealth of the Northern Marianas Islands (see footnote 2 for a complete list of Pacific Island "territories") are included in the assessment for the first time. Also unlike earlier versions, *BCC 2002* includes ESA proposed endangered or threatened and recently delisted species, Hawaiian and Pacific island endemics, and other species not specifically covered by the MBTA.

Overall, we believe that the data supporting the priority lists in *BCC 2002* are more quantitative and comprehensive than those of previous lists. The data from the three bird conservation initiatives are more standardized, include more geographic scales (including scales that are important for local conservation efforts), incorporate a great deal of input from many bird experts, and have wide acceptance among members of avian conservation and scientific communities. We are confident that the methods used in *BCC 2002* are the best available for identifying avian conservation priorities as directed by the FWCA amendment of 1988.

What Sources of Information Did We Use?

PIF Assessment Scores. We used assessment scores from the PIF Species Assessment Database (version 8.0, November 2000) housed at the Rocky Mountain (formerly Colorado) Bird Observatory, which we believe were the best available data at the time this report was prepared. In this database, a panel of bird species experts has assigned each landbird species in the continental United States scores ranging from 1 (lowest priority or degree of concern) to 5 (highest priority or degree of concern) for each of 7 factors: breeding distribution, non-breeding distribution, relative abundance, threats in breeding season, threats in non-breeding season, population trend, and area importance (AI). AI is the relative importance of a given area to a species and its conservation, based on the abundance of the species in that area relative to all other areas in which it occurs. The first six scores (excluding AI) can be assessed on the basis of range-wide information, and their sum is referred to as the "global" assessment score for a species; this score was used to develop the National list. All of these factors are defined and discussed in detail in Panjabi et al. (2001). Factor scores for each species are summed to provide an overall assessment of the relative need for conservation attention, with higher scores reflecting higher degrees of concern. Both PIF breeding and wintering scores for landbirds were used in assessing species for inclusion in the *BCC 2002* report. We considered all landbird species with summary scores ≥ 22 . In consultation with experts, the USFWS prepared scores for landbirds of Hawaii and Pacific island "territories" using the PIF scheme (see <http://migratorybirds.pacific.fws.gov/reports.htm>).

USSCP Assessment Scores. For shorebird species, we considered assessment scores from the USSCP (Brown et al. 2000, Brown et al. 2001) to represent the best available data. The USSCP assessment process uses the same seven factor scores (with slightly different criteria) as PIF, but priorities are derived using a categorical (rather than a summation) approach (Brown et al. 2001). We considered all shorebird species in the USSCP "High Concern" and "Highly Imperiled" categories potentially eligible for inclusion in *BCC 2002* lists. A prioritization protocol for shorebirds (*in* Brown et al. 2001) describes prioritization categories and their relationship to factor scores.

NAWCP Assessment Scores. The NAWCP assessment process uses the same seven factors as the PIF and USSCP plans, but with slightly different criteria. We used draft continental assessment scores from the NAWCP plan (K. Parsons unpubl. data, North American Waterbird Conservation Plan Steering Committee 2001), which we considered to be the best available data for colonial waterbirds and seabirds. However, assessment scores were not available at the BCR or USFWS Region scales at the time this report was prepared. Some waterbirds are included in the PIF database, and these scores were reviewed and considered at the BCR scale. For other waterbirds, draft NAWCP scores were reviewed and revised to develop BCR and USFWS Region categorical rankings using a variety of information sources including Service expertise, available data, and consultations with local experts. We considered all colonial waterbird species in the NAWCP "High Concern" and "Highly Imperiled" categories potentially eligible

for inclusion in *BCC 2002* lists. A prioritization protocol for colonial waterbirds is available as an appendix to the NAWCP plan (North American Waterbird Conservation Plan Steering Committee 2001).

How Do Prioritization Methodologies Used By the Bird Conservation Initiatives Compare?

The methods used by PIF to prioritize species differ from those used by the USSCP and the NAWCP. In PIF, the sum total of the seven factor scores establishes a threshold value that defines priority species. PIF uses a four-tiered system in which Tier I species, those with summary scores ≥ 22 , are considered highest priority.

Although USSCP and NAWCP use the same factors as PIF and score them in the same manner, derivation of the scores is slightly different and priority species are not determined by a simple summation of scores. Rather, priority species are identified by particular combinations of factor scores which create prioritization categories ranging from "Highly Imperiled" to "Species Not at Risk". Prioritization categories are specifically described in the USSCP and NAWCP conservation plans and associated World Wide Web sites (Brown et al. 2000, 2001; North American Waterbird Conservation Plan Steering Committee 2001).

Although the methods for determining the highest priority species are somewhat different among the different initiatives, scoring reflects state-of-the-art conservation assessments for each of the three species groups (landbirds, shorebirds, waterbirds); we therefore view the conservation priorities within the three conservation plans as approximately equivalent.

What Selection Criteria Did We Use For Birds of Conservation Concern 2002 Lists?

We here describe the criteria used to select species for consideration and inclusion on BCR, USFWS Region, and National lists. At each scale, Service expertise and discretion refined the pool of species under consideration from the three bird conservation initiatives—as well as those selected for priority lists—to comply with the FWCA amendment of 1988. The term "species" means species, subspecies, or populations unless otherwise indicated.

BCR Criteria. Landbirds, shorebirds, and waterbirds were evaluated for inclusion at the BCR scale if they met at least one of the following criteria:

- (1) a PIF score of 22 or greater, with an AI score of 2 or greater [= Tier I]; or
- (2) a USSCP conservation category of "High Concern" or "Highly Imperiled" [= Tier I]; or
- (3) a draft NAWCP conservation category of "High Concern" or "Highly Imperiled" [= Tier I];
or

- (4) proposed for listing as Federal ESA endangered or threatened; or
- (5) current designation as a Federal ESA candidate species; or
- (6) recent delisting from the ESA (and subject to post-delisting monitoring).

An AI score of 2 or greater was used as a threshold below which a species was considered too peripheral to a given BCR to rank as a priority. We considered landbird species with PIF scores of 22 or 23, high scores (4 or 5) for AI, and low or moderate scores (≤ 3) for population trends or threats to be species of "high agency responsibility" (i.e., meriting continued monitoring rather than direct conservation or management action). These species were generally not included in the BCR lists unless additional information was available to indicate a need for conservation action (e.g., local information or USFWS expert opinion). Corresponding discretion was used for shorebirds and waterbirds. In a few cases, we added species to the BCR or USFWS Region lists when Service expertise, supplemental information, or local data indicated a greater degree of concern than that reflected by bird conservation initiative scoring. We automatically included Federal ESA candidate, proposed endangered or threatened, and recently delisted species on priority lists for all BCRs in which they occurred. We also considered subspecies and populations where appropriate and where information on their status was available.

USFWS Region Criteria. Species were evaluated for inclusion in a given USFWS Region if they met at least one of the following criteria:

- (1) Tier I status in 50 percent or more of the BCRs in which it occurs in the Region; or
- (2) proposed for listing as Federal ESA endangered or threatened; or
- (3) current designation as a Federal ESA candidate species; or
- (4) recent delisting from the ESA (and subject to post-delisting monitoring).

A species was dropped from consideration if ≤ 1 percent of its overall range was within the United States portion of a given USFWS Region. Subspecies and populations were also considered where appropriate.

National Criteria. Species were evaluated for inclusion at the National level if they met at least one of the following criteria:

- (1) a PIF global score of 21 or greater (but with the exclusion of all peripheral species and modification of scores for shorebirds and waterbirds, where appropriate); or
- (2) priority status in 3 or more USFWS Regions; or
- (3) priority status in (a) all USFWS Regions in which it occurs, or (b) over a majority of its geographic range in the United States; or
- (4) proposed for listing as Federal ESA endangered or threatened; or
- (5) current designation as a Federal ESA candidate species; or
- (6) recent delisting from the ESA.

There are likely to be additions to the lists over the next several years. Newly designated Federal candidate species, species proposed for listing, and species removed from the list of endangered and threatened species will automatically be added at the appropriate geographic scales effective the day of their designation or delisting, as published in the *Federal Register*.

THE BIRDS OF CONSERVATION CONCERN 2002 LISTS

To maximize the usefulness of this report to multiple partners, the *BCC 2002* lists are presented in 45 separate and distinct tables, comprising 37 BCR lists (Tables 4 to 40), 7 USFWS Region lists (Tables 41 to 47) and 1 National list (Table 48). Before perusing the BCC tables, users should familiarize themselves with the stylized conventions used to denote Federal protective status of the species that appear on the lists (Table 3). Summaries of the status of each species at each of the three distinct geographic scales are provided in Appendices B and C, and a list of scientific names of all species mentioned is found in Appendix D.

BCR Lists

The number of species on individual BCR lists (Tables 4 to 40) ranges from 8 to 48, averaging about 29. Lists are generally larger for BCRs in the southern United States, reflecting greater species diversity at lower latitudes and the importance of these regions for wintering migrants. Island birds are at increased risk of becoming endangered. Thus, it is not surprising that two of the island BCRs—Pacific (BCR 68) and Caribbean (BCR 69)—have relatively high proportions of their native species represented as birds of concern (15 and 17 percent, respectively; Table 49). Nine percent of the bird species native to Hawaii (BCR 67) are identified as birds of concern, but that region also has a disproportionately large number of bird species listed as either endangered or threatened under the ESA; combining birds of concern with endangered or threatened species, one finds that fully 23 percent of the native Hawaiian avifauna is at risk.

USFWS Region Lists

The number of species on individual USFWS Region lists (Tables 41 to 47) ranges from 28 to 87, averaging about 45. Following the trend seen in BCRs, USFWS Region lists of priority species are larger in the southern United States. The birds on the USFWS Region lists represent about 9 (range 6 to 14) percent of the species native to the respective Regions (Table 49); they also represent about 11 (range 7 to 16) percent of the MBTA nongame species in those Regions.

National List

The total number of species on the National list (Table 48) is 131, which represents approximately 12 percent of all native species and 16 percent of all MBTA nongame species (Table 49). The National list includes disproportionately large numbers of species from the orders Falconiformes (diurnal raptors), Charadriiformes (shorebirds, etc.), and Piciformes (woodpeckers). Within the Charadriiformes—a large and diverse order that includes shorebirds, gulls, terns, auks, and their allies—the families Charadriidae (plovers), Haematopodidae

(oystercatchers), Scolopacidae (sandpipers), and Alcidae (murrelets, murrelets, and auklets) are represented on the list by greater numbers of species than expected. Among the Passeriformes—a large and diverse order of perching birds—the families Parulidae (wood-warblers) and Emberizidae (sparrows) and the subfamily Drepanidinae (Hawaiian honeycreepers) dominate the list in terms of both actual and relative numbers.

DISCUSSION

Of 122 species on the 1995 list, 94 are retained (including 60 at the National level, 26 at the FWS Region level, and 8 at the BCR level) and 28 are deleted due to a lack of convincing evidence that continued concern is warranted). Seventy species are added to the National list, resulting in a net gain of 8 species and a current (2002) list of 131 species.

Of the 151 species on the *Audubon WatchList* (National Audubon Society 2002) that are not also (1) endangered or threatened or (2) hunted, 86 are on the *BCC 2002* National list and 27 are on FWS Region or BCR lists.

The selection criteria that we used identified 9 to 12 percent of all species at each geographic scale to be in need of additional conservation attention. For example, the various *BCC 2002* lists represent, on average, 9 percent (range 6 to 17 percent) of all native bird species and 12 percent (range 7 to 20 percent) of MBTA nongame species (Table 49).

Nongame migratory birds protected by the MBTA, the primary focus of this effort, make up an overwhelming proportion (88 to 96 percent) of the species on the *BCC 2002* lists (Table 50), but the proportional representation of non-MBTA species increases progressively at larger scales. The proportional representation of ESA candidate species also increases progressively at larger scales. ESA-delisted and ESA-proposed species make up a progressively smaller proportion of the species at larger scales. An overwhelming proportion (96 to 99 percent) of the taxa listed at all scales are full species (Table 50). Subspecies and populations do not represent more than about 4 percent of the taxa on any of the lists.

In the process of compiling prioritized lists of species for this report, we reviewed Breeding Bird Survey (BBS) data for population trends of more than 200 species. In doing so, we noted a few species that exhibited exceptionally sharp population declines (defined as $\geq 2.5\%$ annually), but that otherwise failed to meet prescribed thresholds for *BCC 2002* designation using the criteria established for the BCR, USFWS Region, or National lists.

An analysis of BBS data (Sauer et al. 2001) revealed 21 species with statistically significant ($P \leq 0.1$, $N \geq 100$) long-term (1966 - 2000) population declines of ≥ 2.5 percent annually, both in the United States and survey-wide. Of these 21 species, 13 qualified for the *BCC 2002* National list based on one or more criteria, and these species are denoted in Table 48. However, the remaining eight species did not qualify for the National list: White-throated Swift (decline of 2.6 percent/year), Pinyon Jay (3.1), Verdin (3.7), Curve-billed Thrasher (2.7), Field Sparrow (3.1), Lark Sparrow (3.5), Black-throated Sparrow (4.1), and Eastern Meadowlark (2.9). Most of these species are widely distributed and relatively abundant, factors that probably account for their failure to meet thresholds for inclusion on any of the *BCC 2002* lists. Still, their population declines are sharp, consistent, and long-term (amounting to a cumulative loss in excess of 50

percent since 1966), with little indication that populations are stabilizing. For this reason alone, we believe that these species deserve close scrutiny. By way of comparison, we note that species exhibiting similar characteristics (e.g., sharp population declines but still moderately abundant and widespread) are treated as "birds of conservation importance" in Great Britain (Joint Nature Conservation Committee 2002).

In examining assessment scores, we noticed that many species had scores of 3 for multiple factors, an indication that accurate assessments of status were not possible because of a paucity of data. These species tended to score just below the Tier I threshold for PIF, therefore not qualifying as priority species. Most of these species belong to groups that generally are difficult to survey or monitor due to their secretive nature or nocturnal activity patterns (e.g., marshbirds, nighthawks and nightjars, and owls). These groups deserve greater attention, in most cases requiring additional monitoring or life-history investigations to help determine their true conservation status.

BCC 2002 can be used as a barometer of the condition of our country's avifauna. Although there are general patterns that can be inferred from this report, there is no single reason why any species was found on any one of these lists; some are relatively common but are undergoing sharp declines in population numbers, others are rare but may actually be increasing in numbers in certain locations, and others may be both rare and declining. However, habitat loss due to alteration or destruction continues to be the major reason for the declines of many species (Askins et al. 1990, USFWS 1995, Samson et al. 1998, Askins 2000).

Birds included in the *BCC 2002* lists are deemed priorities for conservation actions and the list will be consulted for actions taken on Federal and State lands, and for research, monitoring, and management funding in accordance with Executive Order 13186 ("Responsibilities of Federal Agencies To Protect Migratory Birds"). Our hope is that *BCC 2002* will stimulate coordinated, collaborative proactive conservation actions among Federal, State, and private partners.

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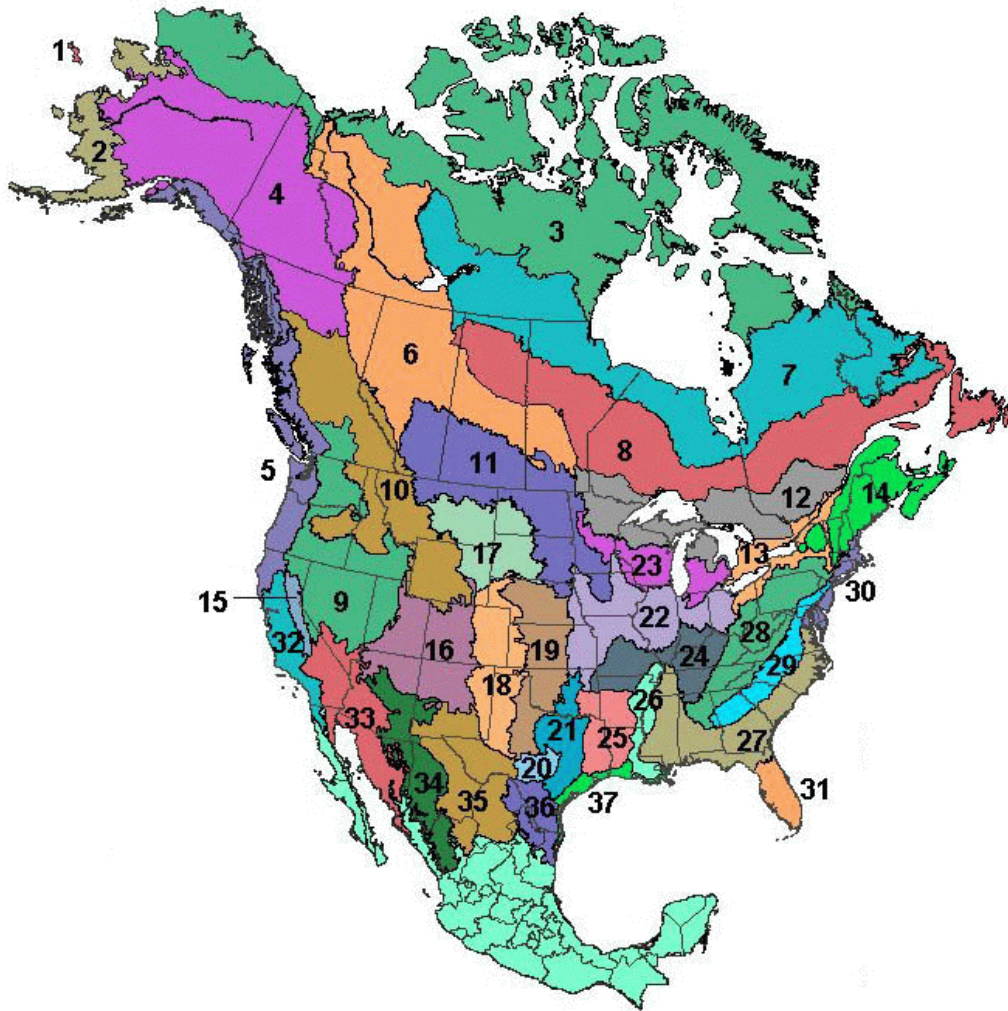


Figure 1 -
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Table 1. Eligibility of Various Species Groups for BCC 2002 Consideration.

Applicable Federal Authority	Eligible	Not Eligible
Migratory Bird Treaty Act	"Nongame" and "other" species (as variously defined by bilateral migratory bird conventions with Canada, Mexico, Japan, and Russia)	Species peripheral to the U.S. (e.g., population fragments too small to be managed capably)
	"Gamebirds" (as defined by 50 CFR 20.11) for which hunting seasons have not recently been established (e.g., most shorebirds)	"Gamebirds" (as defined by 50 CFR 20.11) for which sport hunting seasons are established
	All subsistence-hunted species in Alaska (except "gamebirds" with established sport hunting seasons)	
Endangered Species Act	Candidates, including "resident gamebirds" (see below)	Species, subspecies, and populations designated as Endangered or Threatened (as listed at 50 CFR 17.11)
	Proposed Endangered or Threatened (e.g., Mountain Plover)	
	Recently delisted MBTA species (e.g., Peregrine Falcon)	
	Other MBTA species delisted in the future	
None	Endemic Hawaiian honeycreepers of the subfamily Drepanididae (e.g., Hawaii Amakihi)	"Resident gamebirds" (generally hunted and managed by State wildlife agencies), unless listed as ESA Candidate (see above)
	Other Pacific Island endemics (e.g., Fiji Shrikebill)	Non-native species

	Other non-MBTA species (e.g., bananaquits)	
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Table 2. Comparison of Data Sources, Participants, and Selection Process Used in Compiling the 1995 and 2002 Lists.

	1995 List	2002 List
DATA SOURCES:		
Delphi exercise	Conducted in 3 phases: USFWS “experts,” <i>American Birds</i> Regional Editors and RMNBCs, and “area” experts.	Not used (outdated method).
Preliminary information on “degree of concern”	Preliminary rankings (Low, Moderate, High) from Phase I provided to Delphi participants.	Not used (outdated method).
Blue List data	Synopsis of 1972-1982 and 1986 lists provided to Delphi participants.	Not used (source not updated since 1986).
BBS data	Synopsis of 1966-1991 and 1982-1991 trends provided to Delphi participants, and 1966-1994 trends reviewed by DMBM (not provided to Delphi participants).	Survey-wide and U.S. trends for 1966-2000 reviewed by DMBM and used as one of the criteria for the National list; used as an inherent component of PIF data.
CBC data	Database (1959-1988) reviewed and summarized by DMBM (not provided to Delphi participants).	Used as an inherent component of PIF wintering scores.
ESA “candidate”	Status information summarized and provided to Delphi participants.	Status information reviewed and summarized by DMBM and provided to USFWS Regional participants.

ESA “proposed”	Not used.	Status information reviewed and summarized by DMBM and provided to USFWS Regional participants.
ESA “delisted”	Not used.	Status information reviewed and summarized by DMBM and provided to USFWS Regional participants.
PIF BCR scores	Not available.	Scores obtained from RMBO by DMBM and provided to USFWS Regional participants.
PIF USFWS Region scores	Reviewed and summarized by DMBM (not provided to Delphi participants).	Not available.
PIF global scores	Not used.	Scores obtained from RMBO by DMBM and used as one of the criteria for the National list.
PARTICIPANTS:		
USFWS Regional Office	Nongame Bird Coordinators used in Phase II.	Nongame Bird Coordinators and staffs engaged throughout the review and selection process.
USFWS “expert” panel	Used in Phase I to generate preliminary rankings of concern.	Regional Nongame Bird Coordinators and staffs performed this function throughout the review and selection process.
Area “experts”	Used in Phase III in Alaska, Hawaii, and Puerto Rico/U.S. Virgin Islands.	Used in Hawaii and the Pacific Island trust territories.
Species “experts”	Not used.	Used for colonial waterbirds, seabirds, and shorebirds.

Other “experts”	<i>American Birds</i> Regional Editors used in Phase II.	Not used (already part of the conservation scoring process for all three bird conservation initiatives).
THE SELECTION PROCESS:		
BCR criteria	Not applicable (BCR lists not prepared).	To qualify for BCR listing, a species had to meet threshold values for at least one of the following criteria: (1) PIF, (2) USSCP, (3) NAWCP, (4) ESA “candidate,” or (5) ESA “delisted” (see the text for precise definitions of thresholds for each of these criteria).
USFWS Region criteria	Once a species qualified for the National list, it became eligible for USFWS Regional lists on the basis of the following criteria: (1) Delphi, (2) BBS, (3) PIF, or (4) ESA “candidate.”	To qualify for a USFWS Regional list, a species had to meet threshold values for at least one of the following criteria: (1) PIF, (2) USSCP, (3) NAWCP, (4) ESA “candidate,” (5) ESA “delisted” (see the text for precise definitions of thresholds for each of these criteria).
National criteria	To qualify for the National list, a species had to meet threshold values for at least one of the following criteria: (1) Delphi, (2) BBS, (3) CBC, (4) PIF, or (5) ESA “candidate.”	To qualify for the National list, a species had to meet threshold values for at least one of the following criteria: (1) PIF, (2) USFWS Regional priority in multiple regions, (3) BBS, (4) ESA “candidate,” or (5) ESA “delisted” (see the text for precise definitions of thresholds for each of these criteria).

Key to Acronyms:

BCR = Bird Conservation Region

BBS = Breeding Bird Survey

CBC = Christmas Bird Count
ESA = Endangered Species Act
NAWCP = North American Waterbird Conservation Plan
PIF = Partners in Flight
RMBO = Rocky Mountain Bird Observatory
RNMBCs = Regional Nongame Migratory Bird Coordinators
USSCP = US Shorebird Conservation Plan

Table 3. Stylized Conventions Used to Illustrate Federal Protective Status of Species in the BCR, USFWS Regional, and National Lists in BCC 2002.

Federal Protective Status	Description of Convention	Example
ESA Proposed Threatened or Endangered	Common name is underlined with a single line	<u>Mountain Plover</u>
ESA Candidate	Common name is underlined with a wavy line	<u>Elfin-woods Warbler</u>
ESA Delisted	Common name is italicized	<i>Peregrine Falcon</i>
Protected by the MBTA	Common name is depicted in a normal font	Red-faced Cormorant
MBTA protection uncertain	Common name is enclosed in wavy brackets	{Polynesian Storm-Petrel}
Not protected by the MBTA	Common name is enclosed in straight brackets	[Elepaio]
MBTA protection uncertain and ESA Candidate	Common name is underlined with a wavy line and enclosed in wavy brackets	{ <u>Spotless Crake</u> }
Non-MBTA and ESA Candidate	Common name is underlined with a wavy line and enclosed in straight brackets	[<u>Greater Sage-Grouse</u>]

Table 4. BCR 1 (Aleutian/Bering Sea Islands) BCC 2002 List.

Red-faced Cormorant
Peregrine Falcon (resident *pealei* ssp. only)
Black Oystercatcher
Bar-tailed Godwit
Rock Sandpiper
Red-legged Kittiwake
Arctic Tern
Aleutian Tern
Marbled Murrelet
Kittlitz's Murrelet
Ancient Murrelet
Whiskered Auklet
McKay's Bunting

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 5. BCR 2 (Western Alaska) BCC 2002 List.

Red-throated Loon
Yellow-billed Loon
Red-faced Cormorant
Peregrine Falcon
American Golden-Plover
Pacific Golden-Plover
Whimbrel
Bristle-thighed Curlew
Hudsonian Godwit
Bar-tailed Godwit
Marbled Godwit (*beringiae* ssp. only)
Black Turnstone
Surfbird
Rock Sandpiper
Short-billed Dowitcher
Arctic Tern
Aleutian Tern
Marbled Murrelet
Kittlitz's Murrelet
Ancient Murrelet
Arctic Warbler
Blackpoll Warbler
McKay's Bunting

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 6. BCR 3 (Arctic Plains and Mountains–U.S. portion only) BCC 2002 List.

Yellow-billed Loon

Peregrine Falcon

American Golden-Plover

Whimbrel

Bar-tailed Godwit

Dunlin (*arcticola* ssp. only)

Buff-breasted Sandpiper

Arctic Warbler

Smith's Longspur

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 7. BCR 4 (Northwestern Interior Forest–U.S. portion only) BCC 2002 List.

Peregrine Falcon

American Golden-Plover

Whimbrel

Hudsonian Godwit

Surfbird

Rock Sandpiper

Short-billed Dowitcher

Arctic Warbler

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 8. BCR 5 (Northern Pacific Forest–U.S. portions only) BCC 2002 List.

Yellow-billed Loon
Black-footed Albatross
Northern Goshawk (resident *laingi* ssp. only)
Peregrine Falcon (including resident *pealei* ssp. in Alaska)
Black Oystercatcher
Whimbrel
Long-billed Curlew
Marbled Godwit (*beringiae* ssp. only)
Black Turnstone
Surfbird
Red Knot
Rock Sandpiper
Short-billed Dowitcher
Caspian Tern
Arctic Tern
Aleutian Tern
Marbled Murrelet (except where listed as Threatened)
Kittlitz's Murrelet
Yellow-billed Cuckoo
Flammulated Owl
Black Swift
Rufous Hummingbird
Lewis's Woodpecker
White-headed Woodpecker
Olive-sided Flycatcher
Horned Lark (*strigata* ssp. only)
Vesper Sparrow (*affinis* ssp. only)

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 9. BCR 9 (Great Basin) BCC 2002 List.

Swainson's Hawk
Ferruginous Hawk
Golden Eagle
Peregrine Falcon
Prairie Falcon
[Greater Sage-Grouse (Columbia Basin population)]
Yellow Rail
American Golden-Plover
Snowy Plover
American Avocet
Solitary Sandpiper
Whimbrel
Long-billed Curlew
Marbled Godwit
Sanderling
Wilson's Phalarope
Yellow-billed Cuckoo
Flammulated Owl
Burrowing Owl
Black Swift
Lewis's Woodpecker
Williamson's Sapsucker
White-headed Woodpecker
Loggerhead Shrike
Gray Vireo
Virginia's Warbler
Brewer's Sparrow
Sage Sparrow
Tricolored Blackbird

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 10. BCR 10 (Northern Rockies–U.S. portion only) BCC 2002 List.

Swainson's Hawk
Ferruginous Hawk
Golden Eagle
Peregrine Falcon
Prairie Falcon
Yellow Rail
American Golden-Plover
Snowy Plover
Mountain Plover
Solitary Sandpiper
Upland Sandpiper
Whimbrel
Long-billed Curlew
Marbled Godwit
Sanderling
Wilson's Phalarope
Yellow-billed Cuckoo
Flammulated Owl
Black Swift
Lewis's Woodpecker
Williamson's Sapsucker
Red-naped Sapsucker
White-headed Woodpecker
Loggerhead Shrike
Pygmy Nuthatch
Virginia's Warbler
Brewer's Sparrow
McCown's Longspur

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 11. BCR 11 (Prairie Potholes–U.S. portion only) BCC 2002 List.

American Bittern
Northern Harrier
Swainson's Hawk
Ferruginous Hawk
Peregrine Falcon
Yellow Rail
Solitary Sandpiper
Willet
Upland Sandpiper
Long-billed Curlew
Hudsonian Godwit
Marbled Godwit
Sanderling
White-rumped Sandpiper
Buff-breasted Sandpiper
Wilson's Phalarope
Black-billed Cuckoo
Burrowing Owl
Short-eared Owl
Red-headed Woodpecker
Loggerhead Shrike
Sprague's Pipit
Grasshopper Sparrow
Baird's Sparrow
Henslow's Sparrow
Le Conte's Sparrow
Nelson's Sharp-tailed Sparrow
McCown's Longspur
Chestnut-collared Longspur

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 12. BCR 12 (Boreal Hardwood Transition–U.S. portion only) BCC 2002 List.

American Bittern
Peregrine Falcon
Yellow Rail
Upland Sandpiper
Whimbrel
Marbled Godwit
Stilt Sandpiper
Buff-breasted Sandpiper
Short-billed Dowitcher
Wilson's Phalarope
Common Tern (Great Lakes population)
Black Tern
Wood Thrush
Golden-winged Warbler
Cape May Warbler
Black-throated Blue Warbler
Cerulean Warbler
Connecticut Warbler
Canada Warbler
Henslow's Sparrow
Le Conte's Sparrow
Bobolink

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 13. BCR 13 (Lower Great Lakes/St. Lawrence Plain–U.S. portion only) BCC 2002 List.

Peregrine Falcon
Upland Sandpiper
Whimbrel
Hudsonian Godwit
Marbled Godwit
Buff-breasted Sandpiper
Common Tern
Black-billed Cuckoo
Whip-poor-will
Red-headed Woodpecker
Sedge Wren
Golden-winged Warbler
Cerulean Warbler
Canada Warbler
Henslow's Sparrow
Bobolink

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 14. BCR 14 (Atlantic Northern Forests–U.S. portion only) BCC 2002 List.

Peregrine Falcon
Yellow Rail
Whimbrel
Hudsonian Godwit
Purple Sandpiper
Common Tern
Razorbill
Olive-sided Flycatcher
Bicknell's Thrush
Wood Thrush
Chestnut-sided Warbler
Cape May Warbler
Bay-breasted Warbler
Blackpoll Warbler
Canada Warbler
Nelson's Sharp-tailed Sparrow

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 15. BCR 15 (Sierra Nevada) BCC 2002 List.

Peregrine Falcon
Flammulated Owl
Spotted Owl (*occidentalis* ssp. only)
Black Swift
Rufous Hummingbird
Lewis's Woodpecker
Williamson's Sapsucker
White-headed Woodpecker
Olive-sided Flycatcher
Tricolored Blackbird

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 16. BCR 16 (Southern Rockies/Colorado Plateau) BCC 2002 List.

Northern Harrier
Swainson's Hawk
Ferruginous Hawk
Golden Eagle
Peregrine Falcon
Prairie Falcon
~~[Gunnison Sage-Grouse]~~
Snowy Plover
Mountain Plover
Solitary Sandpiper
Marbled Godwit
Wilson's Phalarope
Yellow-billed Cuckoo
Flammulated Owl
Burrowing Owl
Short-eared Owl
Black Swift
Lewis's Woodpecker
Williamson's Sapsucker
Gray Vireo
Pinyon Jay
Bendire's Thrasher
Crissal Thrasher
Sprague's Pipit
Virginia's Warbler
Black-throated Gray Warbler
Grace's Warbler
Sage Sparrow
Chestnut-collared Longspur

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 17. BCR 17 (Badlands and Prairies) BCC 2002 List.

Ferruginous Hawk
Golden Eagle
Peregrine Falcon
Prairie Falcon
American Golden-Plover
Mountain Plover
Upland Sandpiper
Long-billed Curlew
Marbled Godwit
Sanderling
Wilson's Phalarope
Black-billed Cuckoo
Burrowing Owl
Short-eared Owl
Lewis's Woodpecker
Red-naped Sapsucker
Sprague's Pipit
Brewer's Sparrow
Grasshopper Sparrow
Baird's Sparrow
Le Conte's Sparrow
McCown's Longspur
Chestnut-collared Longspur
Dickcissel

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 18. BCR 18 (Shortgrass Prairie) BCC 2002 List.

Northern Harrier
Ferruginous Hawk
Peregrine Falcon
Prairie Falcon
[Lesser Prairie-Chicken]
American Golden-Plover (USFWS Region 6 only)
Snowy Plover
Mountain Plover
Solitary Sandpiper
Long-billed Curlew
Buff-breasted Sandpiper (USFWS Region 6 only)
Burrowing Owl
Lewis's Woodpecker
Bell's Vireo
Sprague's Pipit
Cassin's Sparrow
Lark Bunting
McCown's Longspur
Chestnut-collared Longspur

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 19. BCR 19 (Central Mixed-Grass Prairie) BCC 2002 List.

Little Blue Heron
Mississippi Kite
Northern Harrier
Swainson's Hawk
Peregrine Falcon
[Lesser Prairie-Chicken]
Black Rail
American Golden-Plover
Snowy Plover
Mountain Plover
Solitary Sandpiper
Long-billed Curlew
Hudsonian Godwit
Buff-breasted Sandpiper
Wilson's Phalarope
Red-headed Woodpecker
Scissor-tailed Flycatcher
Bell's Vireo
Sprague's Pipit
Cassin's Sparrow
Le Conte's Sparrow
Harris's Sparrow
McCown's Longspur
Smith's Longspur
Chestnut-collared Longspur

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 20. BCR 20 (Edwards Plateau) BCC 2002 List.

Peregrine Falcon

Mountain Plover

Buff-breasted Sandpiper

Elf Owl

Ladder-backed Woodpecker

Loggerhead Shrike

Bell's Vireo

Gray Vireo

Sprague's Pipit

Prothonotary Warbler

Kentucky Warbler

Cassin's Sparrow

Rufous-crowned Sparrow

Field Sparrow

Le Conte's Sparrow

Harris's Sparrow

McCown's Longspur

Chestnut-collared Longspur

Varied Bunting

Painted Bunting

Orchard Oriole

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 21. BCR 21 (Oaks and Prairies) BCC 2002 List.

Little Blue Heron
Northern Harrier
Peregrine Falcon
American Golden-Plover
Long-billed Curlew
Hudsonian Godwit
Buff-breasted Sandpiper
Red-headed Woodpecker
Scissor-tailed Flycatcher
Loggerhead Shrike
Bell's Vireo
Sprague's Pipit
Prothonotary Warbler
Worm-eating Warbler
Swainson's Warbler
Kentucky Warbler
Field Sparrow
Henslow's Sparrow
Le Conte's Sparrow
Harris's Sparrow
Smith's Longspur
Chestnut-collared Longspur
Painted Bunting

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 22. BCR 22 (Eastern Tallgrass Prairie) BCC 2002 List.

Peregrine Falcon
Black Rail
Greater Yellowlegs
Upland Sandpiper
Hudsonian Godwit
Marbled Godwit
Stilt Sandpiper
Buff-breasted Sandpiper
Short-billed Dowitcher
Wilson's Phalarope
Common Tern (Great Lakes population)
Black-billed Cuckoo
Short-eared Owl
Chuck-will's-widow
Whip-poor-will
Red-headed Woodpecker
Acadian Flycatcher
Loggerhead Shrike
Bell's Vireo
Bewick's Wren (*bewickii* ssp. only)
Wood Thrush
Blue-winged Warbler
Cerulean Warbler
Prothonotary Warbler
Worm-eating Warbler
Louisiana Waterthrush
Kentucky Warbler
Field Sparrow
Grasshopper Sparrow
Henslow's Sparrow
Le Conte's Sparrow
Smith's Longspur
Dickcissel
Rusty Blackbird
Orchard Oriole

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 23. BCR 23 (Prairie Hardwood Transition) BCC 2002 List.

Peregrine Falcon
Greater Yellowlegs
Upland Sandpiper
Hudsonian Godwit
Marbled Godwit
Stilt Sandpiper
Buff-breasted Sandpiper
Short-billed Dowitcher
Wilson's Phalarope
Common Tern (Great Lakes population)
Black Tern
Black-billed Cuckoo
Long-eared Owl
Short-eared Owl
Red-headed Woodpecker
Acadian Flycatcher
Loggerhead Shrike
Bell's Vireo
Sedge Wren
Wood Thrush
Blue-winged Warbler
Golden-winged Warbler
Cerulean Warbler
Kentucky Warbler
Henslow's Sparrow
Dickcissel
Bobolink

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 24. BCR 24 (Central Hardwoods) BCC 2002 List.

Peregrine Falcon
Stilt Sandpiper
Buff-breasted Sandpiper
Short-eared Owl
Whip-poor-will
Red-headed Woodpecker
Bell's Vireo
Bewick's Wren
Wood Thrush
Blue-winged Warbler
Prairie Warbler
Cerulean Warbler
Worm-eating Warbler
Swainson's Warbler
Louisiana Waterthrush
Bachman's Sparrow
Henslow's Sparrow
Le Conte's Sparrow
Smith's Longspur
Rusty Blackbird

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 25. BCR 25 (West Gulf Coastal Plain/Ouachitas) BCC 2002 List.

Little Blue Heron
Swallow-tailed Kite
American Kestrel (resident *paulus* ssp. only)
Peregrine Falcon
Hudsonian Godwit
Stilt Sandpiper
Buff-breasted Sandpiper
Short-eared Owl
Chuck-will's-widow
Red-headed Woodpecker
Acadian Flycatcher
Scissor-tailed Flycatcher
Bell's Vireo
Brown-headed Nuthatch
Bewick's Wren
Wood Thrush
Sprague's Pipit
Prairie Warbler
Cerulean Warbler
Prothonotary Warbler
Worm-eating Warbler
Swainson's Warbler
Louisiana Waterthrush
Kentucky Warbler
Bachman's Sparrow
Henslow's Sparrow
Le Conte's Sparrow
Harris's Sparrow
Smith's Longspur
Orchard Oriole

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 26. BCR 26 (Mississippi Alluvial Valley) BCC 2002 List.

American White Pelican
Little Blue Heron
Swallow-tailed Kite
Mississippi Kite
Peregrine Falcon
Yellow Rail
Hudsonian Godwit
Marbled Godwit
Stilt Sandpiper
Buff-breasted Sandpiper
Short-eared Owl
Red-headed Woodpecker
Bell's Vireo
Sedge Wren
Wood Thrush
Northern Parula
Cerulean Warbler
Prothonotary Warbler
Swainson's Warbler
Henslow's Sparrow
Le Conte's Sparrow
Smith's Longspur
Painted Bunting
Rusty Blackbird
Orchard Oriole

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 27. BCR 27 (Southeastern Coastal Plain) BCC 2002 List.

Black-capped Petrel	Nelson's Sharp-tailed Sparrow
Audubon's Shearwater	Saltmarsh Sharp-tailed Sparrow
Little Blue Heron	Seaside Sparrow
Reddish Egret	Painted Bunting
Swallow-tailed Kite	Orchard Oriole
Short-tailed Hawk	
American Kestrel (resident <i>paulus</i> ssp. only)	
<i>Peregrine Falcon</i>	
Yellow Rail	
Black Rail	
Limpkin	
Snowy Plover	
Wilson's Plover	
American Oystercatcher	
Whimbrel	
Marbled Godwit	
Red Knot	
Semipalmated Sandpiper	
Stilt Sandpiper	
Buff-breasted Sandpiper	
Short-billed Dowitcher	
Gull-billed Tern	
Common Tern	
Least Tern (except where Endangered)	
Black Tern	
Black Skimmer	
Common Ground-Dove	
Burrowing Owl	
Chuck-will's-widow	
Brown-headed Nuthatch	
Bewick's Wren	
Wood Thrush	
Northern Parula	
Black-throated Green Warbler	
Prairie Warbler	
Cerulean Warbler	
Swainson's Warbler	
Bachman's Sparrow	
Henslow's Sparrow	
Le Conte's Sparrow	

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 28. BCR 28 (Appalachian Mountains) BCC 2002 List.

Peregrine Falcon
Upland Sandpiper
Buff-breasted Sandpiper
Black-billed Cuckoo
Short-eared Owl
Northern Saw-whet Owl (breeding populations only)
Chuck-will's-widow
Whip-poor-will
Red-headed Woodpecker
Yellow-bellied Sapsucker (breeding populations only)
Olive-sided Flycatcher
Acadian Flycatcher
Black-capped Chickadee (southern Blue Ridge populations only)
Bewick's Wren
Sedge Wren
Wood Thrush
Golden-winged Warbler
Prairie Warbler
Cerulean Warbler
Prothonotary Warbler
Worm-eating Warbler
Swainson's Warbler
Louisiana Waterthrush
Kentucky Warbler
Bachman's Sparrow
Henslow's Sparrow
Red Crossbill (southern Appalachian populations only)

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 29. BCR 29 (Piedmont) BCC 2002 List.

Peregrine Falcon
Black Rail
Upland Sandpiper
Chuck-will's-widow
Whip-poor-will
Bewick's Wren
Wood Thrush
Prairie Warbler
Cerulean Warbler
Prothonotary Warbler
Swainson's Warbler
Kentucky Warbler
Bachman's Sparrow
Henslow's Sparrow
Rusty Blackbird

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 30. BCR 30 (New England/Mid-Atlantic Coast) BCC 2002 List.

Peregrine Falcon
Black Rail
Wilson's Plover
American Oystercatcher
Upland Sandpiper
Whimbrel
Hudsonian Godwit
Marbled Godwit
Red Knot
Purple Sandpiper
Buff-breasted Sandpiper
Common Tern
Least Tern
Black Skimmer
Razorbill
Short-eared Owl
Whip-poor-will
Red-headed Woodpecker
Sedge Wren
Marsh Wren
Wood Thrush
Blue-winged Warbler
Golden-winged Warbler
Prairie Warbler
Cerulean Warbler
Worm-eating Warbler
Kentucky Warbler
Canada Warbler
Henslow's Sparrow
Saltmarsh Sharp-tailed Sparrow
Seaside Sparrow
Baltimore Oriole

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 31. BCR 31 (Peninsular Florida) BCC 2002 List.

Black-capped Petrel	Yellow-throated Warbler
Audubon's Shearwater	Prairie Warbler
Magnificent Frigatebird	Bachman's Sparrow
American Bittern	Henslow's Sparrow
Little Blue Heron	Nelson's Sharp-tailed Sparrow
Reddish Egret	Saltmarsh Sharp-tailed Sparrow
White Ibis	Seaside Sparrow
Swallow-tailed Kite	Painted Bunting
Short-tailed Hawk	
American Kestrel (resident <i>paulus</i> ssp. only)	
<i>Peregrine Falcon</i>	
Yellow Rail	
Black Rail	
Limpkin	
Snowy Plover	
Wilson's Plover	
American Oystercatcher	
Whimbrel	
Marbled Godwit	
Red Knot	
Semipalmated Sandpiper	
Stilt Sandpiper	
Buff-breasted Sandpiper	
Short-billed Dowitcher	
Gull-billed Tern	
Common Tern	
Least Tern	
Black Tern	
Black Skimmer	
White-crowned Pigeon	
Common Ground-Dove	
Mangrove Cuckoo	
Smooth-billed Ani	
Burrowing Owl	
Chuck-will's-widow	
Red-headed Woodpecker	
Loggerhead Shrike	
Black-whiskered Vireo	
Brown-headed Nuthatch	
Yellow Warbler (resident <i>gundlachi</i> ssp. only)	

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 32. BCR 32 (Coastal California–U.S. portion only) BCC 2002 List.

Black-footed Albatross
Ashy Storm-Petrel
Swainson's Hawk
Peregrine Falcon
Prairie Falcon
Black Rail
Mountain Plover
Black Oystercatcher
Whimbrel
Long-billed Curlew
Marbled Godwit
Black Turnstone
Red Knot
Short-billed Dowitcher
Gull-billed Tern
Elegant Tern
Black Skimmer
Xantus's Murrelet
Cassin's Auklet
Yellow-billed Cuckoo
Flammulated Owl
Burrowing Owl
Spotted Owl (*occidentalis* ssp. only)
Black Swift
Lewis's Woodpecker
White-headed Woodpecker
Loggerhead Shrike (all except Endangered *mearnsi* ssp.)
Island Scrub-Jay
Cactus Wren
Le Conte's Thrasher
Common Yellowthroat (*sinuosa* ssp. only)
Spotted Towhee (*clementae* ssp. only)
Black-chinned Sparrow
Song Sparrow (*graminea*, *maxillaris*, *pusillula*, and *samuelis* ssp. only)
Tricolored Blackbird
Lawrence's Goldfinch

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 33. BCR 33 (Sonoran and Mojave Deserts–U.S. portion only) BCC 2002 List.

Peregrine Falcon
Black Rail
Snowy Plover
Mountain Plover
Whimbrel
Long-billed Curlew
Marbled Godwit
Red Knot
Gull-billed Tern
Black Skimmer
Yellow-billed Cuckoo
Elf Owl
Burrowing Owl
Gila Woodpecker
Gilded Flicker
Loggerhead Shrike
Bell's Vireo
Gray Vireo
Bendire's Thrasher
Crissal Thrasher
Le Conte's Thrasher
Yellow Warbler (*sonorana* ssp. only)
Rufous-winged Sparrow
Black-chinned Sparrow
Sage Sparrow
Lark Bunting
Tricolored Blackbird
Lawrence's Goldfinch

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 34. BCR 34 (Sierra Madre Occidental–U.S. portion only) BCC 2002 List.

Northern Goshawk
Gray Hawk
Common Black-Hawk
Ferruginous Hawk
Peregrine Falcon
Snowy Plover
Mountain Plover
Yellow-billed Cuckoo
Flammulated Owl
Whiskered Screech-Owl
Elf Owl
Broad-billed Hummingbird
Lucifer Hummingbird
Costa's Hummingbird
Elegant Trogon
Lewis's Woodpecker
Arizona Woodpecker
Gilded Flicker
Northern Beardless-Tyrannulet
Greater Pewee
Buff-breasted Flycatcher
Bell's Vireo
Gray Vireo
Bendire's Thrasher
Crissal Thrasher
Sprague's Pipit
Olive Warbler
Black-throated Gray Warbler
Grace's Warbler
Red-faced Warbler
Rufous-winged Sparrow
Botteri's Sparrow
Black-chinned Sparrow
Sage Sparrow
Lark Bunting
Grasshopper Sparrow
Baird's Sparrow
Chestnut-collared Longspur
Varied Bunting

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 35. BCR 35 (Chihuahuan Desert–U.S. portion only) BCC 2002 Lists.

Northern Harrier
Common Black-Hawk
Ferruginous Hawk
Peregrine Falcon
Snowy Plover
Mountain Plover
Long-billed Curlew
Yellow-billed Cuckoo
Flammulated Owl
Elf Owl
Burrowing Owl
Lucifer Hummingbird
Loggerhead Shrike
Bell's Vireo
Gray Vireo
Bendire's Thrasher
Crissal Thrasher
Sprague's Pipit
Colima Warbler
Grace's Warbler
Red-faced Warbler
Cassin's Sparrow
Black-chinned Sparrow
Sage Sparrow
Lark Bunting
Baird's Sparrow
McCown's Longspur
Chestnut-collared Longspur
Varied Bunting
Painted Bunting
Hooded Oriole

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 36. BCR 36 (Tamaulipan Brushlands–U.S. portion only) BCC 2002 List.

Northern Harrier
Harris's Hawk
Swainson's Hawk
Peregrine Falcon
Snowy Plover
Mountain Plover
Long-billed Curlew
Stilt Sandpiper
Buff-breasted Sandpiper
Gull-billed Tern
Red-billed Pigeon
Ferruginous Pygmy-Owl
Elf Owl
Burrowing Owl
Buff-bellied Hummingbird
Northern Beardless-Tyrannulet
Rose-throated Becard
Loggerhead Shrike
Bell's Vireo
Verdin
Cactus Wren
Curve-billed Thrasher
Sprague's Pipit
Tropical Parula
Cassin's Sparrow
Lark Bunting
Harris's Sparrow
McCown's Longspur
Chestnut-collared Longspur
Pyrrhuloxia
Varied Bunting
Painted Bunting
Dickcissel
Hooded Oriole
Altamira Oriole
Audubon's Oriole

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 37. BCR 37 (Gulf Coastal Prairie–U.S. portion only) BCC 2002 List.

American Bittern	Grasshopper Sparrow
Reddish Egret	Henslow's Sparrow
White Ibis	Le Conte's Sparrow
Swallow-tailed Kite	Nelson's Sharp-tailed Sparrow
Northern Harrier	Seaside Sparrow
White-tailed Hawk (Texas only)	Painted Bunting
<i>Peregrine Falcon</i>	Hooded Oriole (Texas only)
Yellow Rail	Audubon's Oriole (Texas only)
Black Rail	
American Golden-Plover	
Snowy Plover	
Wilson's Plover	
American Oystercatcher	
Whimbrel	
Long-billed Curlew	
Hudsonian Godwit	
Marbled Godwit	
Red Knot	
Stilt Sandpiper	
Buff-breasted Sandpiper	
Short-billed Dowitcher	
Gull-billed Tern	
Least Tern	
Black Tern	
Black Skimmer	
Ferruginous Pygmy-Owl (Texas only)	
Short-eared Owl	
Buff-bellied Hummingbird	
Red-headed Woodpecker	
Northern Beardless-Tyrannulet (Texas only)	
Loggerhead Shrike	
Bell's Vireo (Texas only)	
Bewick's Wren	
Sedge Wren	
Sprague's Pipit	
Tropical Parula (Texas only)	
Prothonotary Warbler	
Swainson's Warbler	
Kentucky Warbler	
Botteri's Sparrow (Texas only)	

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 38. BCR 67 (Hawaii) BCC 2002 List.

Laysan Albatross
Black-footed Albatross
Christmas Shearwater
Band-rumped Storm-Petrel
Tristram's Storm-Petrel
Pacific Golden-Plover
Bristle-thighed Curlew
Blue-gray Noddy
Short-eared Owl
[Elepaio (all except Endangered *ibidus* ssp.)]
Omao
[Hawaii Amakihi]
[Oahu Amakihi]
[Kauai Amakihi]
[Anianiau]
[Akikiki]
[Maui Alauahio]
[Akekee]
[Iiwi]
[Apapane]

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 39. BCR 68 (Pacific Islands–U.S. Territories only) BCC 2002 List.

Laysan Albatross
Black-footed Albatross
{Tahiti Petrel}
{Phoenix Petrel}
Herald Petrel
Christmas Shearwater
{Polynesian Storm-Petrel}
Lesser Frigatebird
{Buff-banded Rail}
{Spotless Crake}
{Purple Swamphen}
Pacific Golden-Plover
Bristle-thighed Curlew
Blue-gray Noddy
{White-throated Ground-Dove}
{Friendly Ground-Dove}
{Many-colored Fruit-Dove}
{Crimson-crowned Fruit-Dove}
{Mariana Fruit-Dove}
[Blue-crowned Lorikeet]
{Long-tailed Koel}
{White-rumped Swiftlet}
[Rufous Fantail]
[Fiji Shrikebill]
[Bridled White-eye (*rotensis* ssp. only)]
[Golden White-eye]
[Micronesian Myzomela]
[Cardinal Myzomela]
[Wattled Honeyeater]
[Mao]
[Samoan Starling]

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 40. BCR 69 (Caribbean Islands–Puerto Rico and U.S. Virgin Islands only) BCC 2002 List.

Audubon's Shearwater	Greater Antillean Oriole
White-tailed Tropicbird	
Red-billed Tropicbird	
Masked Booby	
Brown Booby	
Red-footed Booby	
Magnificent Frigatebird	
West Indian Whistling-Duck	
White-cheeked Pintail	
Masked Duck	
Ruddy Duck (resident <i>jamaicensis</i> ssp. only)	
<i>Peregrine Falcon</i>	
Black Rail	
Yellow-breasted Crake	
Caribbean Coot	
Limpkin	
Snowy Plover	
Wilson's Plover	
American Oystercatcher	
Semipalmated Sandpiper	
Stilt Sandpiper	
Least Tern	
White-crowned Pigeon	
Key West Quail-Dove	
Bridled Quail-Dove	
Short-eared Owl	
Black Swift	
Lesser Antillean Pewee	
Puerto Rican Flycatcher	
Puerto Rican Vireo	
Bicknell's Thrush	
Yellow Warbler (resident <i>cruciana</i> ssp. only)	
Black-throated Blue Warbler	
Adelaide's Warbler	
Prairie Warbler	
<u>Elfin-woods Warbler</u>	
Worm-eating Warbler	
Northern Waterthrush	
Louisiana Waterthrush	
Grasshopper Sparrow	

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 41. USFWS Region 1 (Pacific Region)¹ BCC 2002 List.

	<u>a</u>	<u>b</u>	<u>c</u>		<u>a</u>	<u>b</u>	<u>c</u>
Black-footed Albatross	X	X	X	{Mariana Fruit-Dove}			X
{Tahiti Petrel}			X	<u>Yellow-billed Cuckoo</u>	X		
{Phoenix Petrel}			X	Flammulated Owl	X		
{Polynesian Storm-Petrel}			X	Burrowing Owl	X		
Ashy Storm-Petrel	X			Black Swift	X		
<u>Band-rumped Storm-Petrel</u>		X		Lewis's Woodpecker	X		
Tristram's Storm-Petrel		X		Williamson's Sapsucker	X		
Swainson's Hawk	X			Red-naped Sapsucker	X		
<i>Peregrine Falcon</i>	X			White-headed Woodpecker	X		
Prairie Falcon	X			Olive-sided Flycatcher	X		
Greater Sage-Grouse	X			Loggerhead Shrike	X		
(Columbia Basin population only)				(except where Endangered)			
Yellow Rail	X			Gray Vireo	X		
Black Rail	X			[Rufous Fantail]			X
{ <u>Spotless Crake</u> }			X	[Elepaio]	X		
Pacific Golden-Plover		X	X	(except where Endangered)			
Snowy Plover	X			[Fiji Shrikebill]			X
(except where Endangered)				<u>Horned Lark</u> (<i>strigata</i> ssp. only)	X		
<u>Mountain Plover</u>	X			Omao		X	
Black Oystercatcher	X			[<u>Bridled White-eye</u> (<i>rotensis</i> ssp. only)]			X
Whimbrel	X			[Golden White-eye]			X
Bristle-thighed Curlew		X	X	Crissal Thrasher	X		
Long-billed Curlew	X			Le Conte's Thrasher	X		
Marbled Godwit	X			Brewer's Sparrow	X		
Black Turnstone	X			Tricolored Blackbird	X		
Red Knot	X			Lawrence's Goldfinch	X		
Short-billed Dowitcher	X			[Hawaii Amakihi]		X	
Gull-billed Tern	X			[Oahu Amakihi]		X	
Elegant Tern	X			[Kauai Amakihi]		X	
Blue-gray Noddy			X	[Anianiau]		X	
Black Skimmer	X			[<u>Akikiki</u>]		X	
Xantus's Murrelet	X			[Maui Alauahio]		X	
{White-throated Ground-Dove}		X		[Akekee]		X	
{ <u>Friendly Ground-Dove</u> }		X		[Iiwi]		X	
{ <u>Many-colored Fruit-Dove</u> }		X		[Apapane]		X	

¹ a = mainland U.S. portion of Region, b = Hawaiian Islands portion of Region, and c = Pacific Island "trust territories."

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 42. USFWS Region 2 (Southwest Region) BCC 2002 List.

Reddish Egret	Greater Pewee
Swallow-tailed Kite	Buff-breasted Flycatcher
Northern Harrier	Scissor-tailed Flycatcher
Gray Hawk	Rose-throated Becard
Common Black-Hawk	Loggerhead Shrike
White-tailed Hawk	Bell's Vireo
Ferruginous Hawk	Gray Vireo
<i>Peregrine Falcon</i>	Brown-headed Nuthatch
<u>[Lesser Prairie-Chicken]</u>	Sedge Wren
Yellow Rail	Bendire's Thrasher
Black Rail	Crissal Thrasher
American Golden-Plover	Le Conte's Thrasher
Snowy Plover	Sprague's Pipit
Wilson's Plover	Olive Warbler
<u>Mountain Plover</u>	Colima Warbler
American Oystercatcher	Tropical Parula
Long-billed Curlew	Black-throated Gray Warbler
Hudsonian Godwit	Grace's Warbler
Red Knot	Prairie Warbler
Stilt Sandpiper	Cerulean Warbler
Buff-breasted Sandpiper	Prothonotary Warbler
Gull-billed Tern	Worm-eating Warbler
Least Tern (except where Endangered)	Swainson's Warbler
Black Skimmer	Louisiana Waterthrush
Red-billed Pigeon	Kentucky Warbler
<u>Yellow-billed Cuckoo</u> (western BCRs only)	Red-faced Warbler
Flammulated Owl	Rufous-winged Sparrow
Whiskered Screech-Owl	Cassin's Sparrow
Ferruginous Pygmy-Owl (Texas only)	Bachman's Sparrow
Elf Owl	Botteri's Sparrow
Burrowing Owl	Black-chinned Sparrow
Broad-billed Hummingbird	Sage Sparrow
Buff-bellied Hummingbird	Lark Bunting
Lucifer Hummingbird	Baird's Sparrow
Elegant Trogon	Henslow's Sparrow
Lewis's Woodpecker	Le Conte's Sparrow
Red-headed Woodpecker	Nelson's Sharp-tailed Sparrow
Arizona Woodpecker	Seaside Sparrow
Gilded Flicker	
Northern Beardless-Tyrannulet	(continued)

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 42 (continued)

Harris's Sparrow
McCown's Longspur
Smith's Longspur
Chestnut-collared Longspur
Varied Bunting
Painted Bunting
Hooded Oriole
Altamira Oriole
Audubon's Oriole

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 43. USFWS Region 3 (Great Lakes-Big Rivers Region) BCC 2002 List.

American Bittern	Dickcissel
Swainson's Hawk	Bobolink
<i>Peregrine Falcon</i>	Rusty Blackbird
Yellow Rail	
Black Rail	
Upland Sandpiper	
Whimbrel	
Hudsonian Godwit	
Marbled Godwit	
Stilt Sandpiper	
Buff-breasted Sandpiper	
Short-billed Dowitcher	
Wilson's Phalarope	
Common Tern (Great Lakes population)	
Black Tern	
Black-billed Cuckoo	
Short-eared Owl	
Chuck-will's-widow	
Red-headed Woodpecker	
Acadian Flycatcher	
Loggerhead Shrike	
Bell's Vireo	
Bewick's Wren	
Wood Thrush	
Blue-winged Warbler	
Golden-winged Warbler	
Cape May Warbler	
Black-throated Blue Warbler	
Prairie Warbler	
Cerulean Warbler	
Worm-eating Warbler	
Swainson's Warbler	
Louisiana Waterthrush	
Kentucky Warbler	
Connecticut Warbler	
Canada Warbler	
Bachman's Sparrow	
Henslow's Sparrow	
Le Conte's Sparrow	
Nelson's Sharp-tailed Sparrow	

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 44. USFWS Region 4 (Southeast Region)² BCC 2002 List.

	<u>a</u>	<u>b</u>		<u>a</u>	<u>b</u>
Black-capped Petrel	X		White-crowned Pigeon	X	X
Audubon's Shearwater	X	X	Key West Quail-Dove		X
White-tailed Tropicbird		X	Bridled Quail-Dove		X
Red-billed Tropicbird		X	Mangrove Cuckoo	X	
Masked Booby		X	Smooth-billed Ani	X	
Brown Booby		X	Burrowing Owl	X	
Red-footed Booby		X	Short-eared Owl	X	
Magnificent Frigatebird		X	Chuck-will's-widow	X	
Little Blue Heron	X		Black Swift		X
Reddish Egret	X		Red-headed Woodpecker	X	
West Indian Whistling-Duck		X	Olive-sided Flycatcher	X	
White-cheeked Pintail		X	Lesser Antillean Pewee		X
Masked Duck		X	Puerto Rican Flycatcher		X
Ruddy Duck (<i>resident jamaicensis</i> ssp. only)		X	Puerto Rican Vireo		X
Swallow-tailed Kite	X		Bell's Vireo	X	
Short-tailed Hawk	X		Black-whiskered Vireo	X	
<i>Peregrine Falcon</i>	X	X	Brown-headed Nuthatch	X	
Yellow Rail	X		Bewick's Wren	X	
Black Rail	X	X	Bicknell's Thrush		X
Yellow-breasted Crake		X	Wood Thrush	X	
Caribbean Coot		X	Golden-winged Warbler	X	
Limpkin	X	X	Yellow Warbler (<i>resident cruciana</i> ssp. only)		X
Snowy Plover	X	X	Black-throated Blue Warbler		X
Wilson's Plover	X	X	Adelaide's Warbler		X
American Oystercatcher	X	X	Prairie Warbler	X	X
Whimbrel	X		Cerulean Warbler	X	
Long-billed Curlew	X		<u>Elfin-woods Warbler</u>		X
Hudsonian Godwit	X		Prothonotary Warbler	X	
Marbled Godwit	X		Worm-eating Warbler	X	X
Red Knot	X		Swainson's Warbler	X	
Semipalmated Sandpiper		X	Northern Waterthrush		X
Stilt Sandpiper	X	X	Louisiana Waterthrush		X
Buff-breasted Sandpiper	X		Bachman's Sparrow	X	
Gull-billed Tern	X		Grasshopper Sparrow		X
Least Tern (except where endangered)	X	X			
Black Skimmer	X				

(continued)
Table 44 (continued)

² a = mainland U.S. portion of Region, and b = Puerto Rico and/or U.S. Virgin Islands.

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

	<u>a</u>	<u>b</u>
Henslow's Sparrow	X	
Le Conte's Sparrow	X	
Nelson's Sharp-tailed Sparrow	X	
Saltmarsh Sharp-tailed Sparrow	X	
Seaside Sparrow	X	
Smith's Longspur	X	
Painted Bunting	X	
Greater Antillean Oriole		X

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 45. USFWS Region 5 (Northeast Region) BCC 2002 List.

Peregrine Falcon
Yellow Rail
Black Rail
American Oystercatcher
Upland Sandpiper
Whimbrel
Hudsonian Godwit
Marbled Godwit
Red Knot
Purple Sandpiper
Buff-breasted Sandpiper
Common Tern
Least Tern
Black Skimmer
Razorbill
Short-eared Owl
Whip-poor-will
Red-headed Woodpecker
Olive-sided Flycatcher
Loggerhead Shrike
Bewick's Wren
Sedge Wren
Bicknell's Thrush
Wood Thrush
Golden-winged Warbler
Prairie Warbler
Bay-breasted Warbler
Cerulean Warbler
Worm-eating Warbler
Swainson's Warbler
Kentucky Warbler
Canada Warbler
Henslow's Sparrow
Nelson's Sharp-tailed Sparrow
Saltmarsh Sharp-tailed Sparrow
Seaside Sparrow

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 46. USFWS Region 6 (Mountain-Prairie Region) BCC 2002 List.

Northern Harrier	Nelson's Sharp-tailed Sparrow
Swainson's Hawk	McCown's Longspur
Ferruginous Hawk	Chestnut-collared Longspur
Golden Eagle	Dickcissel
<i>Peregrine Falcon</i>	Bobolink
Prairie Falcon	
[<u>Gunnison Sage-Grouse</u>]	
[<u>Lesser Prairie-Chicken</u>]	
Yellow Rail	
Black Rail	
American Golden-Plover	
Snowy Plover	
<u>Mountain Plover</u>	
Solitary Sandpiper	
Upland Sandpiper	
Long-billed Curlew	
Marbled Godwit	
Buff-breasted Sandpiper	
Wilson's Phalarope	
Black-billed Cuckoo	
Flammulated Owl	
Burrowing Owl	
Short-eared Owl	
Lewis's Woodpecker	
Red-headed Woodpecker	
Williamson's Sapsucker	
Red-naped Sapsucker	
White-headed Woodpecker	
Loggerhead Shrike	
Bell's Vireo	
Gray Vireo	
Bewick's Wren	
Sprague's Pipit	
Virginia's Warbler	
Cassin's Sparrow	
Brewer's Sparrow	
Grasshopper Sparrow	
Baird's Sparrow	
Henslow's Sparrow	
Le Conte's Sparrow	

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 47. USFWS Region 7 (Alaska Region) BCC 2002 List.

Yellow-billed Loon
Black-footed Albatross
Peregrine Falcon
American Golden-Plover
Pacific Golden-Plover
Black Oystercatcher
Whimbrel
Bristle-thighed Curlew
Hudsonian Godwit
Bar-tailed Godwit
Marbled Godwit
Black Turnstone
Surfbird
Rock Sandpiper
Dunlin
Buff-breasted Sandpiper
Short-billed Dowitcher
Red-legged Kittiwake
Arctic Tern
Aleutian Tern
Marbled Murrelet
Kittlitz's Murrelet
Whiskered Auklet
Black Swift
Arctic Warbler
Blackpoll Warbler
Smith's Longspur
McKay's Bunting

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 48. National (including Caribbean and Pacific Island "Territories") BCC 2002 List.

Yellow-billed Loon	Rock Sandpiper	[Elepaio‡]
Black-footed Albatross	Stilt Sandpiper	<u>Horned Lark</u> (<i>strigata</i> ssp. only)
Black-capped Petrel	Buff-breasted Sandpiper	Brown-headed Nuthatch
{Phoenix Petrel}	Short-billed Dowitcher	Bewick's Wren (<i>altus</i> and
Ashy Storm-Petrel	Wilson's Phalarope	<i>bewickii</i> ssp. only)
<u>Band-rumped Storm-Petrel</u>	Red-legged Kittiwake	Sedge Wren
Little Blue Heron*	Gull-billed Tern	Omao
Reddish Egret	Common Tern	Bicknell's Thrush
Swallow-tailed Kite	Least Tern‡	Wood Thrush
Northern Harrier	Aleutian Tern	[<u>Bridled White-eye</u> (<i>rotensis</i> ssp.
Swainson's Hawk	Black Skimmer	only)]
Ferruginous Hawk	Razorbill	Bendire's Thrasher
<i>Peregrine Falcon</i>	Marbled Murrelet (Alaska	Crissal Thrasher
Prairie Falcon	populations only)	Le Conte's Thrasher
[<u>Greater Sage-Grouse</u> (Columbia	Kittlitz's Murrelet	Sprague's Pipit
Basin population only)]	Xantus's Murrelet	Golden-winged Warbler*
[<u>Gunnison Sage-Grouse</u>]	Whiskered Auklet	Grace's Warbler
[<u>Lesser Prairie-Chicken</u>]	{ <u>Friendly Ground-Dove</u> }	Prairie Warbler
Yellow Rail	{ <u>Many-colored Fruit-Dove</u> }	Cerulean Warbler*
Black Rail	Black-billed Cuckoo	<u>Elfin-woods Warbler</u>
{ <u>Spotless Crake</u> }	<u>Yellow-billed Cuckoo</u> (western	Prothonotary Warbler
Limpkin	populations only)	Worm-eating Warbler
American Golden-Plover	Flammulated Owl	Swainson's Warbler
Pacific Golden-Plover	Burrowing Owl	Louisiana Waterthrush
Snowy Plover†	Short-eared Owl	Kentucky Warbler
Wilson's Plover	Chuck-will's Widow	Canada Warbler
<u>Mountain Plover</u>	Whip-poor-will	Rufous-winged Sparrow
American Oystercatcher	Black Swift	Cassin's Sparrow
Black Oystercatcher	Rufous Hummingbird*	Bachman's Sparrow*
Solitary Sandpiper	Lewis's Woodpecker	Brewer's Sparrow*
Upland Sandpiper	Red-headed Woodpecker*	Black-chinned Sparrow
Whimbrel	Williamson's Sapsucker	Grasshopper Sparrow‡*
Bristle-thighed Curlew	Red-naped Sapsucker	Baird's Sparrow
Long-billed Curlew	White-headed Woodpecker	Henslow's Sparrow*
Hudsonian Godwit	Olive-sided Flycatcher*	Le Conte's Sparrow
Bar-tailed Godwit	Scissor-tailed Flycatcher	Nelson's Sharp-tailed Sparrow
Marbled Godwit	Loggerhead Shrike‡*	Saltmarsh Sharp-tailed Sparrow
Black Turnstone	Bell's Vireo‡*	Seaside Sparrow
Surfbird	Gray Vireo	
Red Knot	Island Scrub-Jay	(continued)

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 48 (continued)

Harris's Sparrow
McCown's Longspur
Smith's Longspur
Chestnut-collared Longspur
McKay's Bunting
Painted Bunting*
Dickcissel
Tricolored Blackbird
Lawrence's Goldfinch
[Hawaii Amakihi]
[Oahu Amakihi]
[Kauai Amakihi]
[Anianiau (=Lesser Amakihi)]
[Akikiki (=Kauai Creeper)]
[Maui Alauahio (=Maui Creeper)]
[Akekee (=Kauai Akepa)]
[Iiwi]
[Apapane]

† except where Threatened.

‡ except where Endangered

* denotes species that met the rigorous criteria mentioned on p. 10 for statistically significant ($P \leq 0.1$, $N \geq 100$), long-term (1966-2000) populations declines of ≥ 2.5 percent annually, both in the United States and survey-wide, using BBS data.

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 49. BCC 2002 Species as a Proportion of the Total Avifauna in Various Geographic Regions.

Region	BCC 2002 Species Totals	BCC 2002 Species Totals as a Proportion (Per Cent) of:	
		All Native Species*	MBTA Nongame Species*
USFWS 1 (mainland only)	37	6 (586)	7 (513)
USFWS 2	88	14 (627)	16 (543)
USFWS 3	43	9 (459)	11 (400)
USFWS 4 (mainland only)	48	9 (536)	10 (459)
USFWS 5	36	7 (510)	8 (428)
USFWS 6	46	9 (496)	11 (425)
USFWS 7	28	6 (429)	14 (202)
Hawaii (BCR 67)	20	9 (218)	13 (157)
Pacific Islands (BCR 68)	31	15 (213)	-
Caribbean Islands (BCR 69)	42	17 (249)	20 (211)
National	131	12 (1064)	16 (780)

* Figures in parentheses represent regional species totals.

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

Table 50. Proportional Representation of Various Regulatory and Taxonomic Groups at Different Geographic Scales (all figures are percentages).

Regulatory and Taxonomic Groups	Geographic Scale		
	BCR (n=990)	USFWS (n=381)	National (n=131)
Regulatory:			
MBTA	96.3	93.2	86.7
Non-MBTA	3.7	6.8	13.3
ESA Delisted	3.4	1.8	0.8
ESA Candidate	1.7	3.4	7.0
ESA Proposed	1.1	0.8	0.8
Taxonomic:			
Species	96.5	99.0	96.2
Subspecies	1.9	0.5	1.5
Population	1.6	0.5	2.3

NOTE: Please refer to Table 3 for descriptions of the stylized conventions used to indicate the Federal protective status of species on this list.

LIST OF APPENDICES

<u>Appendix</u>	<u>Title</u>
A	Definition of Acronyms.
B	Summary of Species Occurrences on BCR, USFWS Region, and National Lists in <i>BCC 2002</i> , Arranged Alphabetically by Common Group Name.
C	Matrix of Species Occurrences on BCR, USFWS Region, and National Lists in <i>BCC 2002</i> , Arranged Taxonomically.
D	Index of Scientific Names of Species Appearing in the <i>BCC 2002</i> Lists (Tables 4-48), Arranged Alphabetically by Common Group Name.

Appendix A. Definition of Acronyms.

Acronym	Definition
AI	Area Importance (an assessment factor)
BBS	Breeding Bird Survey
BCC	Birds of Conservation Concern
BCR	Bird Conservation Region
ESA	Endangered Species Act
FWCA	Fish and Wildlife Conservation Act
MBTA	Migratory Bird Treaty Act
NABCI	North American Bird Conservation Initiative
NAWCP	North American Waterbird Conservation Plan
NWR	National Wildlife Refuge
PIF	Partners in Flight
USFWS	U.S. Fish and Wildlife Service
USSCP	United States Shorebird Conservation Plan

Appendix B. Summary of Species Occurrences on BCR, USFWS Region, and National Lists in BCC 2002, Arranged Alphabetically by Common Group Name.

Name, Common	BCRs	USFWS Regions	National
Akekee	67	1(b)	X
Akikiki	67	1(b)	X
Alauahio, Maui	67	1(b)	X
Albatross, Black-footed	5, 32, 67, 68	1(a,b,c), 7	X
Albatross, Laysan	67, 68		
Amakihi, Hawaii	67	1(b)	
Amakihi, Kauai	67	1(b)	
Amakihi, Oahu	67	1(b)	
Ani, Smooth-billed	31	4(a)	
Anianiau	67	1(b)	X
Apapane	67	1(b)	X
Auklet, Cassin's	32		
Auklet, Whiskered	1	7	X
Avocet, American	9		
Beardless-Tyrannulet, Northern	34, 36, 37	2	
Becard, Rose-throated	36	2	
Bittern, American	11, 12, 31, 37	3	
Blackbird, Rusty	22, 24, 26, 29	3	
Blackbird, Tricolored	9, 15, 32, 33	1(a)	X
Black-Hawk, Common	34, 35	2	
Bobolink	12, 13, 23	3, 6	
Booby, Brown	69	4(b)	
Booby, Masked	69	4(b)	
Booby, Red-footed	69	4(b)	
Bunting, Lark	18, 33, 34, 35, 36	2	
Bunting, McKay's	1, 2	7	X
Bunting, Painted	20, 21, 26, 27, 31, 35, 36, 37	2, 4(a)	X
Bunting, Varied	20, 34, 35, 36	2	
Chickadee, Black-capped	28		
Chuck-will's-widow	22, 25, 27, 28, 29, 31	3, 4(a)	X
Coot, Caribbean	69	4(b)	
Cormorant, Red-faced	1, 2		
Crake, Spotless	68	1(c)	X
Crake, Yellow-breasted	69	4b	
Crossbill, Red	28		
Cuckoo, Black-billed	11, 13, 17, 22, 23, 28	3, 6	X
Cuckoo, Mangrove	31	4(a)	
Cuckoo, Yellow-billed	5, 9, 10, 16, 32, 33, 34, 35	1(a), 2	X
Curlew, Bristle-thighed	2, 67, 68	1(b,c), 7	X
Curlew, Long-billed	5, 9, 10, 11, 17, 18, 19, 21, 32, 33, 35, 36, 37	1(a), 2, 4(a), 6	X
Dickcissel	17, 22, 23, 36	3, 6	X

Dowitcher, Short-billed	2, 4, 5, 12, 22, 23, 27, 31, 32, 37	1(a), 3, 7	X
Duck, Masked	69	4(b)	
Duck, Ruddy	69	4(b)	
Dunlin	3	7	
Eagle, Golden	9, 10, 16, 17	6	
Egret, Reddish	27, 31, 37	2, 4(a)	X
Elepaio	67	1(b)	X
Falcon, Peregrine	1, 2, 3, 4, 5, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 69	1(a), 2, 3, 4(a,b), 5, 6, 7	X
Falcon, Prairie	9, 10, 16, 17, 18, 32	1(a), 6	X
Fantail, Rufous	68	1(c)	
Flicker, Gilded	33, 34	2	
Flycatcher, Acadian	22, 23, 25, 28	3	
Flycatcher, Buff-breasted	34	2	
Flycatcher, Olive-sided	5, 14, 15, 28	1(a), 4(a), 5	X
Flycatcher, Puerto Rican	69	4(b)	
Flycatcher, Scissor-tailed	19, 21, 25	2	X
Frigatebird, Lesser	68		
Frigatebird, Magnificent	31, 69	4(b)	
Fruit-Dove, Crimson-crowned	68		
Fruit-Dove, Many-colored	68	1(c)	X
Fruit-Dove, Mariana	68	1(c)	
Godwit, Bar-tailed	1, 2, 3	7	X
Godwit, Hudsonian	2, 4, 11, 13, 14, 19, 21, 22, 23, 25, 26, 30, 37	2, 3, 4(a), 5, 7	X
Godwit, Marbled	2, 5, 9, 10, 11, 12, 13, 16, 17, 22, 23, 26, 27, 30, 31, 32, 33, 37	1(a), 3, 4(a), 5, 6, 7	X
Golden-Plover, American	2, 3, 4, 9, 10, 17, 18, 19, 21, 37	2, 6, 7	X
Golden-Plover, Pacific	2, 67, 68	1(b,c), 7	X
Goldfinch, Lawrence's	32, 33	1(a)	X
Goshawk, Northern	5, 34		
Ground-Dove, Common	27, 31		
Ground-Dove, Friendly	68	1(c)	X
Ground-Dove, White-throated	68	1(c)	
Harrier, Northern	11, 16, 18, 19, 21, 35, 36, 37	2, 6	X
Hawk, Ferruginous	9, 10, 11, 16, 17, 18, 34, 35	2, 6	X
Hawk, Gray	34	2	
Hawk, Harris's	36		
Hawk, Short-tailed	27, 31	4(a)	

Hawk, Swainson's	9, 10, 11, 16, 19, 32, 36	1(a), 3, 6	X
Hawk, White-tailed	37	2	
Heron, Little Blue	19, 21, 25, 26, 27, 31	4(a)	X
Honeyeater, Wattled	68		
Hummingbird, Broad-billed	34	2	
Hummingbird, Buff-bellied	36, 37	2	
Hummingbird, Costa's	34		
Hummingbird, Lucifer	34, 35	2	
Hummingbird, Rufous	5, 15		X
Ibis, White	31, 37		
Iiwi	67	1(b)	X
Jay, Pinyon	16		
Kestrel, American	25, 27, 31		
Kite, Mississippi	19, 26		
Kite, Swallow-tailed	25, 26, 27, 31, 37	2, 4(a)	X
Kittiwake, Red-legged	1	7	X
Knot, Red	5, 27, 30, 31, 32, 33, 37	1(a), 2, 4(a), 5	X
Koel, Long-tailed	68		
Lark, Horned	5	1(a)	X
Limpkin	27, 31, 69	4(a,b)	X
Longspur, Chestnut-collared	11, 16, 17, 18, 19, 20, 21, 34, 35, 36	2, 6	X
Longspur, McCown's	10, 11, 17, 18, 19, 20, 35, 36	2, 6	X
Longspur, Smith's	3, 19, 21, 22, 24, 25, 26	2, 4(a), 7	X
Loon, Red-throated	2		
Loon, Yellow-billed	2, 3, 5	7	X
Lorikeet, Blue-crowned	68		
Mao	68		
Murrelet, Ancient	1, 2		
Murrelet, Kittlitz's	1, 2, 5	7	X
Murrelet, Marbled	1, 2, 5	7	X
Murrelet, Xantus's	32	1(a)	X
Myzomela, Cardinal	68		
Myzomela, Micronesian	68		
Noddy, Blue-gray	67, 68	1(b, c)	
Nuthatch, Brown-headed	25, 27, 31	2, 4(a)	X
Nuthatch, Pygmy	10		
Omao	67	1(b)	X
Oriole, Altamira	36	2	
Oriole, Audubon's	36, 37	2	
Oriole, Baltimore	30		
Oriole, Greater Antillean	69	4(b)	
Oriole, Hooded	35, 36, 37	2	
Oriole, Orchard	20, 22, 25, 26, 27		
Owl, Burrowing	9, 11, 16, 17, 18, 27, 31, 32, 33, 35, 36	1, 2, 4, 6	X

Owl, Elf	20, 33, 34, 35, 36	2	
Owl, Flammulated	5, 9, 10, 15, 16, 32, 34,35	1(a), 2, 6	X
Owl, Long-eared	23		
Owl, Northern Saw-whet	28		
Owl, Short-eared	11, 16, 17, 22, 23, 24, 25, 26, 28, 30, 37, 67, 69	3, 4(a), 5, 6	X
Owl, Spotted	15, 32		
Oystercatcher, American	27, 30, 31, 37, 69	2, 4(a,b), 5	X
Oystercatcher, Black	1, 5, 32	1(a), 7	X
Parula, Northern	26, 27		
Parula, Tropical	36, 37	2	
Pelican, American White	26		
Petrel, Black-capped	27, 31	4(a)	X
Petrel, Herald	68		
Petrel, Phoenix	68	1(c)	X
Petrel, Tahiti	68	1(c)	
Pewee, Greater	34	2	
Pewee, Lesser Antillean	69	4(b)	
Phalarope, Wilson's	9, 10, 11, 12, 16, 17, 19, 22, 23	3, 6	X
Pigeon, Red-billed	36	2	
Pigeon, White-crowned	31, 69	4(a,b)	
Pintail, White-cheeked	69	4(b)	
Pipit, Sprague's	11, 16, 17, 18, 19, 20, 21, 25, 34, 35, 36, 37	2, 6	X
Plover, Mountain	10, 16, 17, 18, 19, 20, 32, 33, 34, 35, 36	1(a), 2, 6	X
Plover, Snowy	9, 10, 16, 18, 19, 27, 31, 33, 34, 35, 36, 37, 69	1(a), 2, 4(a,b), 6	X
Plover, Wilson's	27, 30, 31, 37, 69	2, 4(a,b)	X
Prairie-Chicken, Lesser	18, 19	2, 6	X
Pygmy-Owl, Ferruginous	36, 37	2	
Pyrrhuloxia	36		
Quail-Dove, Bridled	69	4(b)	
Quail-Dove, Key West	69	4(b)	
Rail, Black	19, 22, 27, 29, 30, 31, 32, 33, 37, 69	1(a), 2, 3, 4(a,b), 5, 6	X
Rail, Buff-banded	68		
Rail, Yellow	9, 10, 11, 12, 14, 26, 27, 31, 37	1(a), 2, 3, 4(a), 5, 6	X
Razorbill	14, 30	5	X
Sage-Grouse, Greater	9	1	X
Sage-Grouse, Gunnison	16	6	X
Sanderling	9, 10, 11, 17		
Sandpiper, Buff-breasted	3, 11, 12, 13, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 31, 36, 37	2, 3, 4(a), 5, 6, 7	X

Sandpiper, Purple	14, 30	5	
Sandpiper, Rock	1, 2, 4, 5	7	X
Sandpiper, Semipalmated	27, 31, 69	4(b)	
Sandpiper, Solitary	9, 10, 11, 16, 18, 19	6	X
Sandpiper, Stilt	12, 22, 23, 24, 25, 26, 27, 31, 36, 37, 69	2, 3, 4(a,b)	X
Sandpiper, Upland	10, 11, 12, 13, 17, 22, 23, 28, 29, 30	3, 5, 6	X
Sandpiper, White-rumped	11		
Sapsucker, Red-naped	10, 17	1(a), 6	X
Sapsucker, Williamson's	9, 10, 15, 16	1(a), 6	X
Sapsucker, Yellow-bellied	28		
Screech-Owl, Whiskered	34	2	
Scrub-Jay, Island	32		X
Shearwater, Audubon's	27, 31, 69	4(a,b)	
Shearwater, Christmas	67, 68		
Shrike, Loggerhead	9, 10, 11, 20, 21, 22, 23, 31, 32, 33, 35, 36, 37	1(a), 2, 3, 5, 6	X
Shrikebill, Fiji	68	1(c)	
Skimmer, Black	27, 30, 31, 32, 33, 37	1(a), 2, 4(a), 5	X
Sparrow, Bachman's	22, 24, 25, 27, 28, 29, 31	2, 3, 4(a)	X
Sparrow, Baird's	11, 17, 34, 35	2, 6	X
Sparrow, Black-chinned	32, 33, 34, 35	2	X
Sparrow, Botteri's	34, 37	2	
Sparrow, Brewer's	9, 10, 17	1(a), 6	X
Sparrow, Cassin's	18, 19, 20, 35, 36	2, 6	X
Sparrow, Field	20, 21, 22		
Sparrow, Grasshopper	11, 17, 22, 34, 37, 69	4(b), 6	X
Sparrow, Harris's	19, 20, 21, 25, 36	2	X
Sparrow, Henslow's	11, 12, 13, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 37	2, 3, 4(a), 5, 6	X
Sparrow, Le Conte's	11, 12, 17, 19, 20, 21, 22, 24, 25, 26, 27, 37	2, 3, 4(a), 6	X
Sparrow, Nelson's Sharp-tailed	11, 14, 27, 31, 37	2, 3, 4(a), 5, 6	X
Sparrow, Rufous-crowned	20		
Sparrow, Rufous-winged	33, 34	2	X
Sparrow, Sage	9, 16, 33, 34, 35	2	
Sparrow, Saltmarsh Sharp-tailed	27, 30, 31	4(a), 5	X
Sparrow, Seaside	27, 30, 31, 37	2, 4(a), 5	X
Sparrow, Song	32		
Sparrow, Vesper	5		
Starling, Samoan	68		
Storm-Petrel, Ashy	32	1(a)	X
Storm-Petrel, Band-rumped	67	1(b)	X
Storm-Petrel, Polynesian	68	1(c)	
Storm-Petrel, Tristram's	67	1(b)	

Surfbird	2, 4, 5	7	X
Swamphen, Purple	68		
Swift, Black	5, 9, 10, 15, 16, 32, 69	1(a), 4b, 7	X
Swiftlet, White-rumped	68		
Tern, Aleutian	1, 2, 5	7	X
Tern, Arctic	1, 2, 5	7	
Tern, Black	12, 23, 27, 31, 37	3	
Tern, Caspian	5		
Tern, Common	12, 13, 14, 22, 23, 27, 30, 31	3, 5	X
Tern, Elegant	32	1(a)	
Tern, Gull-billed	27, 31, 32, 33, 36, 37	1, 2, 4(a)	X
Tern, Least	27, 30, 31, 37, 69	2, 4(a,b), 5	X
Thrasher, Bendire's	16, 33, 34, 35	2	X
Thrasher, Crissal	16, 33, 34, 35	1(a), 2	X
Thrasher, Curve-billed	36		
Thrasher, Le Conte's	32, 33	1(a), 2	X
Thrush, Bicknell's	14, 69	4(b), 5	X
Thrush, Wood	12, 14, 22, 23, 24, 25, 26, 27, 28, 29, 30	3, 4(a), 5	X
Towhee, Spotted	32		
Trogon, Elegant	34	2	
Tropicbird, Red-billed	69	4(b)	
Tropicbird, White-tailed	69	4(b)	
Turnstone, Black	2, 5, 32	1(a), 7	X
Verdin	36		
Vireo, Bell's	18, 19, 20, 21, 22, 23, 24, 25, 26, 33, 34, 35, 36, 37	2, 3, 4(a), 6	X
Vireo, Black-whiskered	31	4(a)	
Vireo, Gray	9, 16, 20, 33, 34, 35	1(a), 2, 6	X
Vireo, Puerto Rican	69	4(b)	
Warbler, Adelaide's	69	4(b)	
Warbler, Arctic	2, 3, 4	7	
Warbler, Bay-breasted	14	5	
Warbler, Blackpoll	2, 14	7	
Warbler, Black-throated Blue	12, 69	3, 4(b)	
Warbler, Black-throated Gray	16, 34	2	
Warbler, Black-throated Green	27		
Warbler, Blue-winged	22, 23, 24, 30	3	
Warbler, Canada	12, 13, 14, 30	3, 5	X
Warbler, Cape May	12, 14	3	
Warbler, Cerulean	12, 13, 22, 23, 24, 25, 26, 27, 28, 29, 30	2, 3, 4(a), 5	X
Warbler, Chestnut-sided	14		
Warbler, Colima	35	2	
Warbler, Connecticut	12	3	
Warbler, Elfin-woods	69	4(b)	X

Warbler, Golden-winged	12, 13, 23, 28, 30	3, 4(a), 5	X
Warbler, Grace's	16, 34, 35	2	X
Warbler, Kentucky	20, 21, 22, 23, 25, 28, 29, 30, 37	2, 3, 5	X
Warbler, Olive	34	2	
Warbler, Prairie	24, 25, 27, 28, 29, 30, 31, 69	2, 3, 4(a,b), 5	X
Warbler, Prothonotary	20, 21, 22, 25, 26, 28, 29, 37	2, 4(a)	X
Warbler, Red-faced	34, 35	2	
Warbler, Swainson's	21, 24, 25, 26, 27, 28, 29, 37	2, 3, 4(a), 5	X
Warbler, Virginia's	9, 10, 16	6	
Warbler, Worm-eating	21, 22, 24, 25, 28, 30, 69	2, 3, 4(a,b), 5	X
Warbler, Yellow	31, 33, 69	4(b)	
Warbler, Yellow-throated	31		
Waterthrush, Louisiana	22, 24, 25, 28, 69	2, 3, 4(b)	X
Waterthrush, Northern	69	4(b)	
Whimbrel	2, 3, 4, 5, 9, 10, 12, 13, 14, 27, 30, 31, 32, 33, 37	1(a), 3, 4(a), 5, 7	X
Whip-poor-will	13, 22, 24, 28, 29, 30	5	X
Whistling-Duck, West Indian	69	4(b)	
White-eye, Bridled	68	1(c)	X
White-eye, Golden	68	1(c)	
Willet	11		
Woodpecker, Arizona	34	2	
Woodpecker, Gila	33		
Woodpecker, Ladder-backed	20		
Woodpecker, Lewis's	5, 9, 10, 15, 16, 17, 18, 32, 34	1(a), 2, 6	X
Woodpecker, Red-headed	11, 13, 19, 21, 22, 23, 24, 25, 26, 28, 30, 31, 37	2, 3, 4(a), 5, 6	X
Woodpecker, White-headed	5, 9, 10, 15, 32	1(a), 6	X
Wren, Bewick's	22, 24, 25, 27, 28, 29, 37	3, 4(a), 5, 6	X
Wren, Cactus	32, 36		
Wren, Marsh	30		
Wren, Sedge	13, 23, 26, 28, 30, 37	2, 5	X
Yellowlegs, Greater	22, 23		
Yellowthroat, Common	32		

Appendix C. Matrix of Species Occurrences on BCR, USFWS Region, and National Lists in *BCC 2002*, Arranged Taxonomically.

Species Name	Bird Conservation Regions																											USFWS Regions							National			
						1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	6	6	6	1	2	3	4		5	6	7
	1	2	3	4	5	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7				
Red-throated Loon	x																																					
Yellow-billed Loon	x	x		x																																x	x	
Laysan Albatross																											x	x										
Black-footed Albatross				x																																x	x	
Black-capped Petrel																x																					x	
Tahiti Petrel																																					x	
Phoenix Petrel																																					x	
Herald Petrel																																					x	
Christmas Shearwater																																					x	
Audubon's Shearwater																																					x	
Polynesian Storm-Petrel																																					x	
Ashy Storm-Petrel																																					x	
Band-rumped Storm-Petrel																																					x	
Tristram's Storm-Petrel																																					x	
White-tailed Tropicbird																																					x	
Red-billed Tropicbird																																					x	
Masked Booby																																					x	
Brown Booby																																					x	
Red-footed Booby																																					x	
American White Pelican																																					x	
Red-faced Cormorant	x	x																																				
Magnificent Frigatebird																																					x	
Lesser Frigatebird																																					x	
American Bittern								x	x																												x	
Little Blue Heron																																					x	
Reddish Egret																																					x	
White Ibis																																					x	
West Indian Whistling-Duck																																					x	
White-cheeked Pintail																																					x	

Appendix D. Index of Scientific Names of Species Appearing in the BCC 2002 Lists (Tables 4-48), Arranged Alphabetically by Common Name.

Name, Common	Scientific Name
Akekee	<i>Loxops caeruleirostris</i>
Akikiki	<i>Oreomystis bairdi</i>
Alauahio, Maui	<i>Paroreomyza maculata</i>
Albatross, Black-footed	<i>Phoebastria nigripes</i>
Albatross, Laysan	<i>Phoebastria immutabilis</i>
Amakihi, Hawaii	<i>Hemignathus virens</i>
Amakihi, Kauai	<i>Hemignathus kauaiensis</i>
Amakihi, Oahu	<i>Hemignathus flavus</i>
Ani, Smooth-billed	<i>Crotophaga ani</i>
Anianiau	<i>Hemignathus parvus</i>
Apapane	<i>Mimotione sanguinea</i>
Auklet, Cassin's	<i>Ptychoramphus aleuticus</i>
Auklet, Whiskered	<i>Aethia pygmaea</i>
Avocet, American	<i>Recurvirostra americana</i>
Beardless-Tyrannulet, Northern	<i>Camptostoma imberbe</i>
Becard, Rose-throated	<i>Pachyramphus aglaiae</i>
Bittern, American	<i>Botaurus lentiginosus</i>
Blackbird, Rusty	<i>Euphagus carolinus</i>
Blackbird, Tricolored	<i>Agelaius tricolor</i>
Black-Hawk, Common	<i>Buteogallus anthracinus</i>
Bobolink	<i>Dolichonyx oryzivorus</i>
Booby, Brown	<i>Sula leucogaster</i>
Booby, Masked	<i>Sula dactylatra</i>
Booby, Red-footed	<i>Sula sula</i>
Bunting, Lark	<i>Calamospiza melanocorys</i>
Bunting, McKay's	<i>Plectrophenax hyperboreus</i>
Bunting, Painted	<i>Passerina ciris</i>
Bunting, Varied	<i>Passerina versicolor</i>
Chickadee, Black-capped	<i>Poecile atricapilla</i>
Chuck-will's-widow	<i>Caprimulgus carolinensis</i>
Coot, Caribbean	<i>Fulica caribaea</i>
Cormorant, Red-faced	<i>Phalacrocorax urile</i>
Crake, Spotless	<i>Porzana tabuensis</i>
Crake, Yellow-breasted	<i>Porzana flaviventer</i>
Crossbill, Red	<i>Loxia curvirostra</i>
Cuckoo, Black-billed	<i>Coccyzus erythrophthalmus</i>
Cuckoo, Mangrove	<i>Coccyzus minor</i>
Cuckoo, Yellow-billed	<i>Coccyzus americanus</i>
Curlew, Bristle-thighed	<i>Numenius tahitiensis</i>
Curlew, Long-billed	<i>Numenius americanus</i>
Dickcissel	<i>Spiza americana</i>
Dowitcher, Short-billed	<i>Limnodromus griseus</i>
Duck, Masked	<i>Nomonyx dominica</i>

Duck, Ruddy	<i>Oxyura jamaicensis</i>
Dunlin	<i>Calidris alpina</i>
Eagle, Golden	<i>Aquila chrysaetos</i>
Egret, Reddish	<i>Egretta rufescens</i>
Elepaio	<i>Chasiempis sandwichensis</i>
Falcon, Peregrine	<i>Falco peregrinus</i>
Falcon, Prairie	<i>Falco mexicanus</i>
Fantail, Rufous	<i>Rhipidura rufifrons</i>
Flicker, Gilded	<i>Colaptes chrysoides</i>
Flycatcher, Acadian	<i>Empidonax virescens</i>
Flycatcher, Buff-breasted	<i>Empidonax fulvifrons</i>
Flycatcher, Olive-sided	<i>Contopus cooperi</i>
Flycatcher, Puerto Rican	<i>Myiarchus antillarum</i>
Flycatcher, Scissor-tailed	<i>Tyrannus forficatus</i>
Frigatebird, Lesser	<i>Fregata ariel</i>
Frigatebird, Magnificent	<i>Fregata magnificens</i>
Fruit-Dove, Crimson-crowned	<i>Ptilinopus porphyraceus</i>
Fruit-Dove, Many-colored	<i>Ptilinopus superbus</i>
Fruit-Dove, Mariana	<i>Ptilinopus roseicapilla</i>
Godwit, Bar-tailed	<i>Limosa lapponica</i>
Godwit, Hudsonian	<i>Limosa haemastica</i>
Godwit, Marbled	<i>Limosa fedoa</i>
Golden-Plover, American	<i>Pluvialis dominica</i>
Golden-Plover, Pacific	<i>Pluvialis fulva</i>
Goldfinch, Lawrence's	<i>Carduelis lawrencei</i>
Goshawk, Northern	<i>Accipiter gentilis</i>
Ground-Dove, Common	<i>Columbina passerina</i>
Ground-Dove, Friendly	<i>Gallicolumba stairi</i>
Ground-Dove, White-throated	<i>Gallicolumba xanthonura</i>
Harrier, Northern	<i>Circus cyaneus</i>
Hawk, Ferruginous	<i>Buteo regalis</i>
Hawk, Gray	<i>Asturina nitida</i>
Hawk, Harris's	<i>Parabuteo unicinctus</i>
Hawk, Short-tailed	<i>Buteo brachyurus</i>
Hawk, Swainson's	<i>Buteo swainsoni</i>
Hawk, White-tailed	<i>Buteo albicaudatus</i>
Heron, Little Blue	<i>Egretta caerulea</i>
Honeyeater, Wattled	<i>Foulehaio carunculata</i>
Hummingbird, Broad-billed	<i>Cynanthus latirostris</i>
Hummingbird, Buff-bellied	<i>Amazilia yucatanensis</i>
Hummingbird, Costa's	<i>Calypte costae</i>
Hummingbird, Lucifer	<i>Calothorax lucifer</i>
Hummingbird, Rufous	<i>Selasphorus rufus</i>
Ibis, White	<i>Eudocimus albus</i>
Iiwi	<i>Vestiaria coccinea</i>
Jay, Pinyon	<i>Gymnorhinus cyanocephalus</i>
Kestrel, American	<i>Falco sparverius</i>

Kite, Mississippi	<i>Ictinia mississippiensis</i>
Kite, Swallow-tailed	<i>Elanoides forficatus</i>
Kittiwake, Red-legged	<i>Rissa brevirostris</i>
Knot, Red	<i>Calidris canutus</i>
Koel, Long-tailed	<i>Eudynamys taitensis</i>
Lark, Horned	<i>Eremophila alpestris</i>
Limpkin	<i>Aramus guarauna</i>
Longspur, Chestnut-collared	<i>Calcarius ornatus</i>
Longspur, McCown's	<i>Calcarius mccownii</i>
Longspur, Smith's	<i>Calcarius pictus</i>
Loon, Red-throated	<i>Gavia stellata</i>
Loon, Yellow-billed	<i>Gavia adamsii</i>
Lorikeet, Blue-crowned	<i>Vini australis</i>
Mao	<i>Gymnomyza samoensis</i>
Murrelet, Ancient	<i>Synthliboramphus antiquus</i>
Murrelet, Kittlitz's	<i>Brachyramphus brevirostris</i>
Murrelet, Marbled	<i>Brachyramphus marmoratus</i>
Murrelet, Xantus's	<i>Synthliboramphus hypoleucus</i>
Myzomela, Cardinal	<i>Myzomela cardinalis</i>
Myzomela, Micronesian	<i>Myzomela rubrata</i>
Noddy, Blue-gray	<i>Procelsterna cerulea</i>
Nuthatch, Brown-headed	<i>Sitta pusilla</i>
Nuthatch, Pygmy	<i>Sitta pygmaea</i>
Omao	<i>Myadestes obscurus</i>
Oriole, Altamira	<i>Icterus gularis</i>
Oriole, Audubon's	<i>Icterus graduacauda</i>
Oriole, Baltimore	<i>Icterus galbula</i>
Oriole, Greater Antillean	<i>Icterus dominicensis</i>
Oriole, Hooded	<i>Icterus cucullatus</i>
Oriole, Orchard	<i>Icterus spurius</i>
Owl, Burrowing	<i>Athene cunicularia</i>
Owl, Elf	<i>Micrathene whitneyi</i>
Owl, Flammulated	<i>Otus flammeolus</i>
Owl, Long-eared	<i>Asio otus</i>
Owl, Northern Saw-whet	<i>Aegolius acadicus</i>
Owl, Short-eared	<i>Asio flammeus</i>
Owl, Spotted	<i>Strix occidentalis</i>
Oystercatcher, American	<i>Haematopus palliatus</i>
Oystercatcher, Black	<i>Haematopus bachmani</i>
Parula, Northern	<i>Parula americana</i>
Parula, Tropical	<i>Parula pitaiayumi</i>
Pelican, American White	<i>Pelecanus erythrorhynchos</i>
Petrel, Black-capped	<i>Pterodroma hasitata</i>
Petrel, Herald	<i>Pterodroma arminjoniana</i>
Petrel, Phoenix	<i>Pterodroma alba</i>
Petrel, Tahiti	<i>Pterodroma rostrata</i>
Pewee, Greater	<i>Contopus pertinax</i>

Pewee, Lesser Antillean	<i>Contopus latirostris</i>
Phalarope, Wilson's	<i>Phalaropus tricolor</i>
Pigeon, Red-billed	<i>Columba flavirostris</i>
Pigeon, White-crowned	<i>Columba leucocephala</i>
Pintail, White-cheeked	<i>Anas bahamensis</i>
Pipit, Sprague's	<i>Anthus spragueii</i>
Plover, Mountain	<i>Charadrius montanus</i>
Plover, Snowy	<i>Charadrius alexandrinus</i>
Plover, Wilson's	<i>Charadrius wilsonia</i>
Prairie-Chicken, Lesser	<i>Tympanuchus pallidicinctus</i>
Pygmy-Owl, Ferruginous	<i>Glaucidium brasilianum</i>
Pyrrhuloxia	<i>Cardinalis sinuatus</i>
Quail-Dove, Bridled	<i>Geotrygon mystacea</i>
Quail-Dove, Key West	<i>Geotrygon chrysia</i>
Rail, Black	<i>Laterallus jamaicensis</i>
Rail, Buff-banded	<i>Gallirallus philippensis</i>
Rail, Yellow	<i>Coturnicops noveboracensis</i>
Razorbill	<i>Alca torda</i>
Sage-Grouse, Greater	<i>Centrocercus urophasianus</i>
Sage-Grouse, Gunnison	<i>Centrocercus minimus</i>
Sanderling	<i>Calidris alba</i>
Sandpiper, Buff-breasted	<i>Tryngites subruficollis</i>
Sandpiper, Purple	<i>Calidris maritima</i>
Sandpiper, Rock	<i>Calidris ptilocnemis</i>
Sandpiper, Semipalmated	<i>Calidris pusilla</i>
Sandpiper, Solitary	<i>Tringa solitaria</i>
Sandpiper, Stilt	<i>Calidris himantopus</i>
Sandpiper, Upland	<i>Bartramia longicauda</i>
Sandpiper, White-rumped	<i>Calidris fuscicollis</i>
Sapsucker, Red-naped	<i>Sphyrapicus nuchalis</i>
Sapsucker, Williamson's	<i>Sphyrapicus thyroideus</i>
Sapsucker, Yellow-bellied	<i>Sphyrapicus varius</i>
Screech-Owl, Whiskered	<i>Otus trichopsis</i>
Scrub-Jay, Island	<i>Aphelocoma insularis</i>
Shearwater, Audubon's	<i>Puffinus lherminieri</i>
Shearwater, Christmas	<i>Puffinus nativitatis</i>
Shrike, Loggerhead	<i>Lanius ludovicianus</i>
Shrikebill, Fiji	<i>Clytorhynchus vitiensis</i>
Skimmer, Black	<i>Pynchops niger</i>
Sparrow, Bachman's	<i>Aimophila aestivalis</i>
Sparrow, Baird's	<i>Ammodramus bairdii</i>
Sparrow, Black-chinned	<i>Spizella atrogularis</i>
Sparrow, Botteri's	<i>Aimophila botterii</i>
Sparrow, Brewer's	<i>Spizella breweri</i>
Sparrow, Cassin's	<i>Aimophila cassinii</i>
Sparrow, Field	<i>Spizella pusilla</i>
Sparrow, Grasshopper	<i>Ammodramus savannarum</i>

Sparrow, Harris's	<i>Zonotrichia querula</i>
Sparrow, Henslow's	<i>Ammodramus henslowii</i>
Sparrow, Le Conte's	<i>Ammodramus leconteii</i>
Sparrow, Nelson's Sharp-tailed	<i>Ammodramus nelsoni</i>
Sparrow, Rufous-crowned	<i>Aimophila ruficeps</i>
Sparrow, Rufous-winged	<i>Aimophila carpalis</i>
Sparrow, Sage	<i>Amphispiza belli</i>
Sparrow, Saltmarsh Sharp-tailed	<i>Ammodramus caudacutus</i>
Sparrow, Seaside	<i>Ammodramus maritimus</i>
Sparrow, Song	<i>Melospiza melodia</i>
Sparrow, Vesper	<i>Poocetes gramineus</i>
Starling, Samoan	<i>Aplonis atrifusca</i>
Storm-Petrel, Ashy	<i>Oceanodroma homochroa</i>
Storm-Petrel, Band-rumped	<i>Oceanodroma castro</i>
Storm-Petrel, Polynesian	<i>Nesofregatta fuliginosa</i>
Storm-Petrel, Tristram's	<i>Oceanodroma tristrami</i>
Surfbird	<i>Aphriza virgata</i>
Swamphen, Purple	<i>Porphyrio porphyrio</i>
Swift, Black	<i>Crypseloides niger</i>
Swiftlet, White-rumped	<i>Aerodramus spodiopygius</i>
Tern, Caspian	<i>Sterna caspia</i>
Tern, Aleutian	<i>Sterna aleutica</i>
Tern, Arctic	<i>Sterna paradisaea</i>
Tern, Black	<i>Chlidonias niger</i>
Tern, Common	<i>Sterna hirundo</i>
Tern, Elegant	<i>Sterna elegans</i>
Tern, Gull-billed	<i>Sterna nilotica</i>
Tern, Least	<i>Sterna antillarum</i>
Thrasher, Bendire's	<i>Toxostoma bendirei</i>
Thrasher, Crissal	<i>Toxostoma crissale</i>
Thrasher, Curve-billed	<i>Toxostoma curvirostre</i>
Thrasher, Le Conte's	<i>Toxostoma lecontei</i>
Thrush, Bicknell's	<i>Catharus bicknelli</i>
Thrush, Wood	<i>Hylocichla mustelina</i>
Towhee, Spotted	<i>Pipilo maculatus</i>
Trogon, Elegant	<i>Trogon elegans</i>
Tropicbird, Red-billed	<i>Phaethon aethereus</i>
Tropicbird, White-tailed	<i>Phaethon lepturus</i>
Turnstone, Black	<i>Arenaria melanocephala</i>
Verdin	<i>Auriparus flaviceps</i>
Vireo, Bell's	<i>Vireo bellii</i>
Vireo, Black-whiskered	<i>Vireo altiloquus</i>
Vireo, Gray	<i>Vireo vicinior</i>
Vireo, Puerto Rican	<i>Vireo latimeri</i>
Warbler, Adelaide's	<i>Dendroica adelaidae</i>
Warbler, Arctic	<i>Phylloscopus borealis</i>
Warbler, Bay-breasted	<i>Dendroica castanea</i>
Warbler, Blackpoll	<i>Dendroica striata</i>

Warbler, Black-throated Blue	<i>Dendroica caerulescens</i>
Warbler, Black-throated Gray	<i>Dendroica nigrescens</i>
Warbler, Black-throated Green	<i>Dendroica virens</i>
Warbler, Blue-winged	<i>Vermivora pinus</i>
Warbler, Canada	<i>Wilsonia canadensis</i>
Warbler, Cape May	<i>Dendroica tigrina</i>
Warbler, Cerulean	<i>Dendroica cerulea</i>
Warbler, Chestnut-sided	<i>Dendroica pensylvanica</i>
Warbler, Colima	<i>Vermivora crissalis</i>
Warbler, Connecticut	<i>Oporornis agilis</i>
Warbler, Elfin-woods	<i>Dendroica angelae</i>
Warbler, Golden-winged	<i>Vermivora chrysoptera</i>
Warbler, Grace's	<i>Dendroica graciae</i>
Warbler, Kentucky	<i>Oporornis formosus</i>
Warbler, Olive	<i>Peucedramus taeniatus</i>
Warbler, Prairie	<i>Dendroica discolor</i>
Warbler, Prothonotary	<i>Protonotaria citrea</i>
Warbler, Red-faced	<i>Cardellina rubrifrons</i>
Warbler, Swainson's	<i>Limnothlypis swainsonii</i>
Warbler, Virginia's	<i>Vermivora virginiae</i>
Warbler, Worm-eating	<i>Helmitheros vermivorus</i>
Warbler, Yellow	<i>Dendroica petechia</i>
Warbler, Yellow-throated	<i>Dendroica dominica</i>
Waterthrush, Louisiana	<i>Seiurus motacilla</i>
Waterthrush, Northern	<i>Seiurus noveboracensis</i>
Whimbrel	<i>Numenius phaeopus</i>
Whip-poor-will	<i>Caprimulgus vociferus</i>
Whistling-Duck, West Indian	<i>Dendrocygna arborea</i>
White-eye, Bridled	<i>Zosterops conspicillatus</i>
White-eye, Golden	<i>Cleptornis marchei</i>
Willet	<i>Catoptrophorus semipalmatus</i>
Woodpecker, Arizona	<i>Picoides arizonae</i>
Woodpecker, Gila	<i>Melanerpes uropygialis</i>
Woodpecker, Ladder-backed	<i>Picoides scalaris</i>
Woodpecker, Lewis's	<i>Melanerpes lewis</i>
Woodpecker, Red-headed	<i>Melanerpes erythrocephalus</i>
Woodpecker, White-headed	<i>Picoides albolarvatus</i>
Wren, Bewick's	<i>Thryothorus bewickii</i>
Wren, Cactus	<i>Campylorhynchus brunneicapillus</i>
Wren, Marsh	<i>Cistothorus palustris</i>
Wren, Sedge	<i>Cistothorus platensis</i>
Yellowlegs, Greater	<i>Tringa melanoleuca</i>
Yellowthroat, Common	<i>Geothlypis trichas</i>