

JAPAN

LAND AREA 377,899 km² HUMAN POPULATION 127,590,000 (338 per km²)

NUMBER OF IBAs 167 TOTAL AREA OF IBAs 40,257 km² STATUS OF IBAs 71 protected; 63 partially protected; 33 unprotected



Mount Fuji (IBA 97) supports many characteristic north-east Asian forest bird species, including several that are endemic to Japan. (PHOTO: PETE MORRIS/BIRDLIFE)

KEY HABITATS AND BIRDS

- The taiga-like coniferous forests on Hokkaido have breeding populations of many of the characteristic species of this biome (*Biome AS02: Boreal forest – Taiga*), including the threatened Blakiston's Fish-owl *Ketupa blakistoni*.
- The characteristic habitats of much of Japan are cool-temperate broadleaf deciduous forest, with warm-temperate evergreen forest and subtropical forest in the south (*Biome AS03: North-east Asian temperate forest, SA 089: Central Honshu lowland forests* and *SA 090: Central Honshu montane forests*). Although the lowlands of Japan were extensively deforested in the past, the remaining forests are relatively secure, with just a few threatened species including Japanese Night-heron *Gorsachius goisagi*. However, in recent years substantial declines have been noted in the breeding populations of some forest species, but the reasons for this are not yet clear.
- The groups of small islands in southern Japan have many endemic species with restricted ranges (*EBA 146: Izu Islands, EBA 147: Ogasawara Islands, EBA 148: Nansei Shoto, SA 091: Iwo Islands* and *SA 092: Japanese and Korean offshore islands*), including the threatened Okinawa Rail *Gallirallus okinawae*, Ryukyu Woodcock *Scolopax mira*, Okinawa Woodpecker *Sapheopipo noguchii*, Amami Thrush *Zoothera major*, Amami Jay *Garrulus lidhi*, Ijima's Leaf-warbler *Phylloscopus ijimae* and Bonin White-eye *Apalopteron familiare*. Several species and subspecies endemic to these islands were already extinct by the early twentieth century, including Bonin Wood-pigeon *Columba versicolor*, Bonin Thrush *Zoothera terrestris* and Bonin Grosbeak *Chaunoproctus ferreorostris* from the Ogasawara islands, and Ryukyu Pigeon *Columba jouyi* from the Nansei Shoto islands.
- Natural wetlands have been greatly reduced in Japan by wetland drainage and coastal reclamation, particularly from the mid-twentieth century onwards. Only very small areas of intertidal

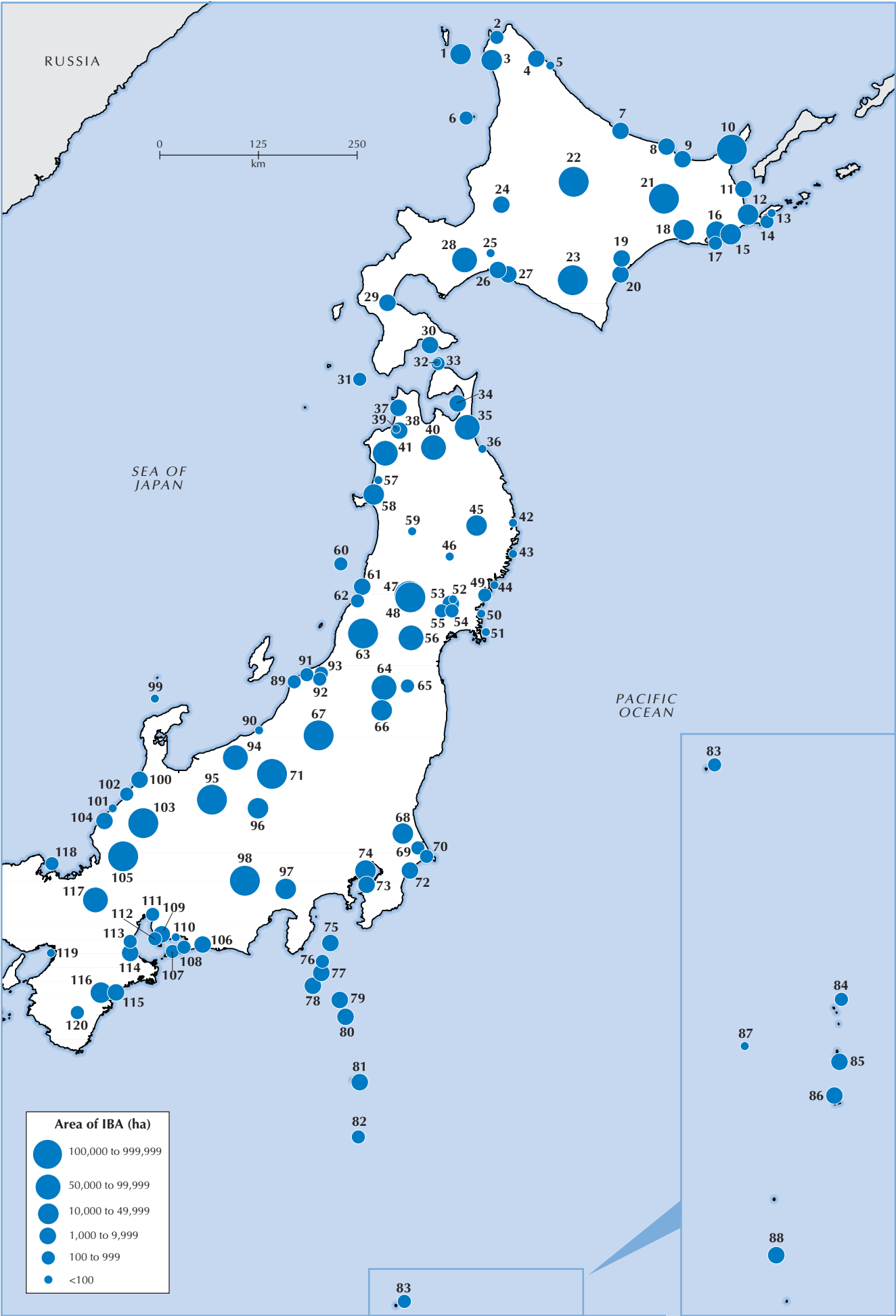
wetland remain on the coast of Japan, mainly on Kyushu where they support many shorebirds, including significant numbers of the threatened Black-faced Spoonbill *Platalea minor* and Saunders's Gull *Larus saundersi*. Farmlands at Izumi, southern Kyushu has been traditionally protected for wintering cranes and this site now holds more than 80% of the world population of Hooded Crane *Grus monacha* and almost half of the world's White-naped Cranes *G. vipio*. On Hokkaido in northern Japan, Red-crowned Crane *G. japonensis* is also well protected (and may now have increased to the natural carrying capacity in the wetlands in the east of the island), but the large wintering population of Steller's Sea-eagle *Haliaeetus pelagicus* is facing problems because of the reduced availability of fish. Almost all of the known world population of the threatened Marsh Grassbird *Megalurus pryri* nests at several wetland sites in northern Honshu (with recent reports of breeding Swinhoe's Rail *Coturnicops exquisitus* from one of these sites in Aomori Prefecture).

- The rich waters off Japan support important populations of seabirds, mostly breeding on small offshore islands, including almost the entire global populations of the threatened Short-tailed Albatross *Phoebastria albatrus* and Japanese Murrelet *Synthliboramphus wumizusume*.

CONSERVATION INFRASTRUCTURE AND PROTECTED AREAS SYSTEM

In Japan, the Ministry of the Environment is the principle agency with jurisdiction over wildlife conservation and protection of the natural environment, although other ministries and agencies such as the Ministry of Agriculture, Fishery and Forestry and the Ministry of Land, Infrastructure and Transport also play specific roles. The most important laws relevant to wildlife conservation

Map 1. Location and size of Important Bird Areas in Japan (IBAs 1–120).



and the establishment of protected areas are the Wildlife Protection and Hunting Law (enacted in 1918, most recent revision in 2002), and the Law for the Conservation of Endangered Species of Wild Fauna and Flora (enacted in 1992). These laws are under the more general Basic Environment Law (enacted in 1993) and Nature Conservation Law (enacted in 1972).

Other legislation relevant to IBAs includes the Law for Protection of Cultural Properties (enacted in 1950). Under this law 19 species of birds have been designated as natural monuments, and nine species as special natural monuments. Many breeding colonies, roosts and other important habitats have also been designated as natural monuments. In 2004, the Invasive Alien Species Act was enacted to deal with the problems caused by introduced species in Japan. The Environmental Impact Assessment Law (enacted in 1997), River Law (enacted in 1964, revised in 1997), and the Seacoast Law (enacted in 1956, revised in 1999) are also relevant to site conservation.

All wild birds are strictly protected in Japan under the Wildlife Protection and Hunting Law, apart from 28 species that are classified as gamebirds. The same law regulates hunting of these game species with five-year plans drafted on wildlife protection in each prefecture, as well as the establishment of Wildlife Protection Areas (where hunting is forbidden) and Special Protection Areas (parts of Wildlife Protection Areas where the natural habitat is also protected). At 2003, there were 58 National Wildlife Protection Areas and 3,871 Prefectural Wildlife Protection Areas.

The Law for the Conservation of Endangered Species of Wild Fauna and Flora protects both nationally and internationally (as listed in Appendix I of CITES and bilateral migratory bird agreements) threatened species. Natural Habitat Conservation Areas, where activities such as construction or tree cutting are regulated, are designated to protect the natural habitat of threatened species. At 2003, eight Natural Habitat Conservation Areas (total area 8.72 km²) had been established. The Ministry of the Environment develops programs (in cooperation with other concerned ministries and agencies) to promote the rehabilitation of natural habitats and the recovery or maintenance of viable populations of target species. At October 2003, 21 programs had been developed.

Wilderness areas and nature conservation areas are designated under the Nature Conservation Law. At March 2004, five wilderness areas (total area 56.31 km²) and 10 national nature conservation areas (total area 215.93 km²) had been designated. Prefectural governments have designated an additional 534 nature conservation areas (total area 763.33 km²). National parks (managed by the Ministry of the Environment) and “quasi-national parks” (managed at the prefectural level) are established under the Natural Parks Law. At March 2003, there were 28 national parks (total area 20,581 km²) and 55 “quasi-national parks” (total area 13,439 km²) in Japan. Japan ratified the Ramsar Convention in 1980, and 13 Ramsar Sites (total area 841 km²) had been designated by 2004.

OVERVIEW OF THE INVENTORY

- Of the 167 IBAs in Japan, 61 support globally threatened species, 27 have restricted-range species, 41 have biome-restricted species and 115 qualify as IBAs because they hold large congregations of waterbirds, seabirds or migratory bird-of-prey.
- Japan’s IBAs cover almost 11% of the total land area of the country, with the relatively large number of sites reflecting the fragmented nature of natural habitats on some Japanese islands.

- Terrestrial forest ecosystems are the dominant habitat in 53 IBAs (32%), with all major forest types and areas of forest bird endemism in Japan well represented. Outstanding forest IBAs include Miyakejima island (IBA 79) in the Izu Islands EBA; Hahajima islands (IBA 86) in the Ogasawara Islands EBA; and Amami islands (IBA 158) and Yambaru, northern Okinawa forest (IBA 159) in the Nansei Shoto EBA.
- Coastal wetlands are the main habitat in 45 IBAs (27%) and inland wetlands in 40 IBAs (24%). Outstanding wetland IBAs for threatened wetland birds include Notsuke bay, Odaito (IBA 11), Lake Furenko and nearby wetlands (IBA 12) and Kushiro marsh (IBA 18) on Hokkaido; Hotokenuma, Lake Ogawarako and nearby lakes (IBA 35), Iwakigawa river, Lake Jusanko (IBA 37), Tonegawa floodplain (IBA 69), Kahokugata, Takamatsu coast (IBA 100), Katano-kamoike (IBA 101) and Kumage-Yatsushiro (IBA 127) on Honshu; and Sone tidal flat (IBA 135), Hakata bay (IBA 139), Inner Ariake bay (IBA 140) and Izumi, Takaono (IBA 151) on Kyushu.
- Offshore islands and cliffs used by nesting seabirds are the main habitat in 29 IBAs (17%). Outstanding IBAs for threatened seabirds are Kozushima island (IBA 78) and Torishima island (IBA 83) in the Izu islands; Mukojima islands (IBA 84) in the Ogasawara islands; Nanatsujima islets (IBA 99), Kii Nagashima islets (IBA 115) and Kanmurijima and Kutsujima islets (IBA 118) off Honshu; Okinoshima islets (IBA 136) and Birojima islet (IBA 148) off Kyushu; and the Senkaku islands (IBA 167).

CONSERVATION ISSUES

- The forests in many parts of Japan are secure, but some forest IBAs and their biodiversity are under threat, notably those on the Nansei Shoto and Izu islands from the construction of roads and other infrastructure and from introduced predators. The pressures on wetland IBAs include agricultural intensification, water pollution, human disturbance, development (urban, industrial and infrastructural), dam and dyke construction, and reduction in the extent of rice paddies. The rocky islands and coasts used by nesting seabirds are often secure, but introduced species, human disturbance and fisheries are threats at some IBAs.
- Although the protection of Hooded and White-naped Cranes at Izumi, Takaono (IBA 151) and Red-crowned Cranes on Hokkaido (IBAs 8–9, 11–12 and 15–20) are great conservation success stories, the over-concentration of these cranes at a few sites is now a concern, and artificial feeding should be gradually reduced to encourage the cranes to disperse to other potential wintering sites.
- Of Japan’s 167 IBAs, 71 (43%) are wholly within protected areas and 63 (38%) are partially within protected areas, and 33 (20%) are unprotected. In terms of area, 53% of Japan’s IBA network is included within protected areas.

SOURCES OF IBA DATA

This list of IBAs in Japan was prepared by the Wild Bird Society of Japan (BirdLife in Japan). It was compiled by Yasuhiro Yamada (National Coordinator), Kazuaki Kato and Mutsuyuki Ueta, with helpful input from Yutaka Kanai and Yukihiro Kominami, and Simba Chan and Kazuo Koyama acting as international coordinators.

Table 1. Important Bird Areas in Japan.				
AP = IBA is wholly or partially an Asia-Pacific Waterbird Network site; BR = IBA is wholly or partially a Biosphere Reserve; R = IBA is wholly or partially a Ramsar Site; WH = IBA is wholly or partially a World Heritage Site				
1	Rishirito island	Protected	■ A3 ■ A4i	
Admin region Hokkaido Coordinates 45°10'N 141°14'E Altitude 0–1,700 m Area 17,544 ha Habitats Coastline; Grassland				
■ Biomes AS03: North-east Asian temperate forest ■ Congregatory waterbirds <i>Larus crassirostris</i>				
2	Lake Koetoi-Onuma	Protected	■ A4i	
Admin region Hokkaido Coordinates 45°22'N 141°45'E Altitude 0–5 m Area 830 ha Habitats Wetlands				
■ Congregatory waterbirds <i>Cygnus columbianus</i>				
3	Sarobetsu marsh	Partially protected	■ A4i	
Admin region Hokkaido Coordinates 45°06'N 141°41'E Altitude 0–10 m Area 15,000 ha Habitats Wetlands				
■ Congregatory waterbirds <i>Anser fabalis</i>				

Table 1 ... continued. Important Bird Areas in Japan.						
4	Lake Kuccharoko	Protected	AP,R			A4i,iii
Admin region Hokkaido Coordinates 45°08'N 142°18'E Altitude 0–5 m Area 2,803 ha Habitats Wetlands ■ Congregatory waterbirds <i>Cygnus columbianus</i>						
5	Esashi, Menashidomari	Unprotected				A4i
Admin region Hokkaido Coordinates 45°02'N 142°31'E Altitude 0–15 m Area 5 ha Habitats Coastline; Grassland ■ Congregatory waterbirds <i>Larus crassirostris</i>						
6	Teurito island	Protected				A4i,ii,iii
Admin region Hokkaido Coordinates 44°25'N 141°19'E Altitude 0–85 m Area 546 ha Habitats Coastline ■ Congregatory waterbirds <i>Larus crassirostris</i> , <i>Larus schistisagus</i> ■ Congregatory seabirds <i>Cerorhinca monocerata</i>						
7	Lake Komukeko and Lake Shibunotsunaiko	Protected				A4i
Admin region Hokkaido Coordinates 44°15'N 143°31'E Altitude 0–5 m Area 1,516 ha Habitats Wetlands ■ Congregatory waterbirds <i>Anas penelope</i> , <i>Anas acuta</i> , <i>Numenius phaeopus</i> , <i>Calidris ruficollis</i>						
8	Lake Notoroko and Lake Abashiriko	Protected	A1	A3		A4i
Admin region Hokkaido Coordinates 44°03'N 144°10'E Altitude 0–10 m Area 16,000 ha Habitats Forest; Wetlands ■ Threatened species <i>Grus japonensis</i> ■ Biomes AS03: North-east Asian temperate forest ■ Congregatory waterbirds <i>Heteroscelus brevipes</i>						
9	Lake Tofutsuko	Protected	A1	A3		A4i
Admin region Hokkaido Coordinates 43°56'N 144°24'E Altitude 0–5 m Area 2,200 ha Habitats Wetlands ■ Threatened species <i>Grus japonensis</i> ■ Biomes AS03: North-east Asian temperate forest ■ Congregatory waterbirds <i>Heteroscelus brevipes</i>						
10	Shiretoko, Mount Syari-dake	Partially protected	A1	A3		A4i
Admin region Hokkaido Coordinates 43°59'N 145°01'E Altitude 0–1,661 m Area 123,000 ha Habitats Coastline; Forest ■ Threatened species <i>Haliaeetus pelagicus</i> , <i>Ketupa blakistoni</i> ■ Biomes AS02: Boreal forest (Taiga) ■ Congregatory waterbirds <i>Phalacrocorax capillatus</i> , <i>Larus schistisagus</i>						
11	Notsuke bay, Odaito	Protected	A1	A3		A4i
Admin region Hokkaido Coordinates 43°35'N 145°16'E Altitude 0–10 m Area 8,300 ha Habitats Coastline; Wetlands ■ Threatened species <i>Haliaeetus pelagicus</i> , <i>Grus japonensis</i> ■ Biomes AS02: Boreal forest (Taiga); AS03: North-east Asian temperate forest ■ Congregatory waterbirds <i>Cygnus cygnus</i> , <i>Anser fabalis</i> , <i>Branta bernicla</i> , <i>Anas penelope</i> , <i>Aythya marila</i> , <i>Bucephala clangula</i> , <i>Heteroscelus brevipes</i> , <i>Arenaria interpres</i>						
12	Lake Furenko and nearby wetlands	Partially protected	A1	A3		A4i
Admin region Hokkaido Coordinates 43°18'N 145°21'E Altitude 0–40 m Area 25,000 ha Habitats Forest; Wetlands ■ Threatened species <i>Haliaeetus pelagicus</i> , <i>Grus japonensis</i> ■ Biomes AS02: Boreal forest (Taiga); AS03: North-east Asian temperate forest ■ Congregatory waterbirds <i>Cygnus cygnus</i> , <i>Anser fabalis</i> , <i>Branta bernicla</i> , <i>Anas penelope</i> , <i>Aythya marila</i> , <i>Bucephala clangula</i> , <i>Heteroscelus brevipes</i> , <i>Arenaria interpres</i> , <i>Calidris ruficollis</i>						
13	Tomoshirijima and Chitomoshirijima islets	Unprotected				A4i
Admin region Hokkaido Coordinates 43°18'N 145°41'E Altitude 0–20 m Area 9 ha Habitats Coastline; Grassland ■ Congregatory waterbirds <i>Larus schistisagus</i>						
14	Yururito and Moyururito islets	Protected				A4i,ii
Admin region Hokkaido Coordinates 43°13'N 145°36'E Altitude 0–40 m Area 200 ha Habitats Coastline; Grassland ■ Congregatory waterbirds <i>Larus schistisagus</i> ■ Congregatory seabirds <i>Cerorhinca monocerata</i>						

Teurito island (IBA 6) off Hokkaido has important seabird colonies. (PHOTO: KOJI ONO / HOKKAIDO SEABIRD CENTER)



Table 1 ... continued. Important Bird Areas in Japan.

15	Kiritappu marsh, Biwase bay	Partially protected ^{AP,R}	■ A1	■ A3
Admin region Hokkaido Coordinates 43°04'N 145°04'E Altitude 0–10 m Area 9,300 ha Habitats Coastline; Wetlands ■ Threatened species <i>Haliaeetus pelagicus</i> , <i>Grus japonensis</i> ■ Biomes AS02: Boreal forest (Taiga); AS03: North-east Asian temperate forest				
16	Lake Akkeshiko, Bekanbeushi Marsh	Partially protected ^{AP,R}	■ A1	■ A4i
Admin region Hokkaido Coordinates 43°05'N 144°53'E Altitude 0–10 m Area 20,000 ha Habitats Wetlands ■ Threatened species <i>Haliaeetus pelagicus</i> , <i>Grus japonensis</i> ■ Congregatory waterbirds <i>Cygnus cygnus</i>				
17	Daikokujima islet	Protected		■ A4i,ii,iii
Admin region Hokkaido Coordinates 42°57'N 144°52'E Altitude 0–100 m Area 107 ha Habitats Coastline; Grassland ■ Congregatory waterbirds <i>Larus schistisagus</i> ■ Congregatory seabirds <i>Oceanodroma leucorhoa</i>				
18	Kushiro marsh	Partially protected ^{AP,R}	■ A1	■ A3
Admin region Hokkaido Coordinates 43°07'N 144°25'E Altitude 0–20 m Area 33,000 ha Habitats Wetlands ■ Threatened species <i>Grus japonensis</i> ■ Biomes AS03: North-east Asian temperate forest				
19	Lower Tokachigawa river	Unprotected	■ A1	■ A3 ■ A4i
Admin region Hokkaido Coordinates 42°47'N 143°33'E Altitude 0–5 m Area 10,000 ha Habitats Wetlands ■ Threatened species <i>Grus japonensis</i> ■ Biomes AS03: North-east Asian temperate forest ■ Congregatory waterbirds <i>Anser fabalis</i>				
20	Tokachi coastal lakes	Partially protected	■ A1	■ A3 ■ A4i
Admin region Hokkaido Coordinates 42°34'N 143°30'E Altitude 0–10 m Area 5,300 ha Habitats Wetlands ■ Threatened species <i>Grus japonensis</i> ■ Biomes AS03: North-east Asian temperate forest ■ Congregatory waterbirds <i>Anser albifrons</i>				
21	Akan, Kussharo	Partially protected		■ A3
Admin region Hokkaido Coordinates 43°28'N 144°10'E Altitude 400–1,000 m Area 142,000 ha Habitats Forest; Wetlands ■ Biomes AS02: Boreal forest (Taiga); AS03: North-east Asian temperate forest				
22	Mount Taisetsu	Partially protected		■ A3
Admin region Hokkaido Coordinates 43°35'N 143°00'E Altitude 200–2,290 m Area 478,000 ha Habitats Forest ■ Biomes AS02: Boreal forest (Taiga); AS03: North-east Asian temperate forest				
23	Hidaka mountains	Partially protected		■ A3
Admin region Hokkaido Coordinates 42°31'N 142°50'E Altitude 50–2,052 m Area 395,000 ha Habitats Forest ■ Biomes AS02: Boreal forest (Taiga); AS03: North-east Asian temperate forest				
24	Middle Ishikarigawa basin	Partially protected		■ A4i,iii
Admin region Hokkaido Coordinates 43°24'N 141°50'E Altitude 10–15 m Area 19,000 ha Habitats Wetlands ■ Congregatory waterbirds <i>Cygnus cygnus</i> , <i>Cygnus columbianus</i> , <i>Anser fabalis</i> , <i>Anser albifrons</i>				
25	Kyu-Osatsunuma	Unprotected		■ A4i
Admin region Hokkaido Coordinates 42°54'N 141°41'E Altitude 0–5 m Area 130 ha Habitats Artificial landscapes (terrestrial); Wetlands ■ Congregatory waterbirds <i>Cygnus columbianus</i> , <i>Anser fabalis</i> , <i>Anser albifrons</i>				
26	Lake Utonaiko, Yufutsu plain	Partially protected ^{AP,R}		■ A4i
Admin region Hokkaido Coordinates 42°39'N 141°45'E Altitude 0–10 m Area 7,200 ha Habitats Artificial landscapes (terrestrial); Wetlands ■ Congregatory waterbirds <i>Cygnus columbianus</i> , <i>Anser fabalis</i> , <i>Anser albifrons</i> , <i>Gallinago hardwickii</i>				
27	Mukawa	Partially protected		■ A4i
Admin region Hokkaido Coordinates 42°35'N 141°56'E Altitude 0–5 m Area 3,800 ha Habitats Artificial landscapes (terrestrial); Wetlands ■ Congregatory waterbirds <i>Anser albifrons</i>				
28	Shikotsu, Toya	Partially protected		■ A3
Admin region Hokkaido Coordinates 42°45'N 141°20'E Altitude 80–1,322 m Area 116,000 ha Habitats Forest; Wetlands ■ Biomes AS02: Boreal forest (Taiga); AS03: North-east Asian temperate forest				
29	Yakumo	Unprotected	■ A1	■ A3
Admin region Hokkaido Coordinates 42°16'N 140°13'E Altitude 0–50 m Area 300 ha Habitats Forest; Wetlands ■ Threatened species <i>Haliaeetus pelagicus</i> ■ Biomes AS02: Boreal forest (Taiga)				
30	Hakodate bay, Southern Kameda coast	Unprotected		■ A4i
Admin region Hokkaido Coordinates 41°46'N 140°48'E Altitude Sea-level Area 4,300 ha Habitats Coastline ■ Congregatory waterbirds <i>Branta bernicla</i>				
31	Matsumaekojima islet	Protected		■ A4i,ii,iii
Admin region Hokkaido Coordinates 41°21'N 139°48'E Altitude 0–300 m Area 115 ha Habitats Coastline; Grassland ■ Congregatory waterbirds <i>Larus crassirostris</i> ■ Congregatory seabirds <i>Cerorhinca monocerata</i>				
32	Bentenjima islet	Unprotected		■ A4i,iii
Admin region Aomori Coordinates 41°33'N 140°55'E Altitude 0–2 m Area 9 ha Habitats Coastline; Grassland ■ Congregatory waterbirds <i>Larus crassirostris</i>				
33	Northern Shimokita coast	Unprotected		■ A4i
Admin region Aomori Coordinates 41°29'N 141°04'E Altitude Sea-level Area 2,700 ha Habitats Coastline ■ Congregatory waterbirds <i>Branta bernicla</i>				
34	Mutsu bay	Partially protected		■ A4i
Admin region Aomori Coordinates 40°59'N 140°58'E Altitude Sea-level Area 9,800 ha Habitats Coastline ■ Congregatory waterbirds <i>Cygnus cygnus</i> , <i>Branta bernicla</i>				
35	Hotokenuma, Lake Ogawarako and nearby lakes	Unprotected	■ A1	■ A3
Admin region Aomori Coordinates 40°49'N 141°21'E Altitude 0–25 m Area 10,000 ha Habitats Wetlands ■ Threatened species <i>Coturnicops exquisitus</i> , <i>Megalurus pryori</i> ■ Biomes AS03: North-east Asian temperate forest				

Table 1 ... continued. Important Bird Areas in Japan.									
36	Kabushima islet	Protected							A4i,iii
Admin region Aomori Coordinates 40°32'N 141°33'E Altitude 0–17 m Area 2 ha Habitats Coastline; Grassland Congregatory waterbirds <i>Larus crassirostris</i>									
37	Iwakigawa river, Lake Jusanko	Protected		A1					A3
Admin region Aomori Coordinates 41°01'N 140°22'E Altitude 0–3 m Area 2,727 ha Habitats Wetlands Threatened species <i>Megalurus pryori</i> Biomes AS03: North-east Asian temperate forest									
38	Mawarizeki and Sunazawa reservoir	Partially protected							A4i
Admin region Aomori Coordinates 40°45'N 140°24'E Altitude 0–30 m Area 570 ha Habitats Artificial landscapes (terrestrial); Wetlands Congregatory waterbirds <i>Cygnus columbianus</i> , <i>Anser fabalis</i> , <i>Anser albifrons</i> , <i>Anas acuta</i>									
39	Ezogadate reservoir	Unprotected							A4i
Admin region Aomori Coordinates 40°46'N 140°19'E Altitude 0–10 m Area 50 ha Habitats Artificial landscapes (terrestrial); Wetlands Congregatory waterbirds <i>Anser fabalis</i>									
40	Lake Towada, Mount Hakkoda	Partially protected							A3
Admin region Akita; Aomori; Iwate Coordinates 40°37'N 140°53'E Altitude 400–1,585 m Area 49,000 ha Habitats Forest Biomes AS03: North-east Asian temperate forest									
41	Shirakami mountains	Partially protected ^{WH}							A3
Admin region Akita; Aomori Coordinates 40°28'N 140°08'E Altitude 120–1,232 m Area 58,000 ha Habitats Forest Biomes AS03: North-east Asian temperate forest									
42	Hinodejima islet	Protected							A4ii
Admin region Iwate Coordinates 39°40'N 141°59'E Altitude 0–50 m Area 8 ha Habitats Coastline; Forest Congregatory seabirds <i>Oceanodroma castro</i>									
43	Sanganjima islet	Protected							A4i,ii,iii
Admin region Iwate Coordinates 39°18'N 141°59'E Altitude 0–128 m Area 25 ha Habitats Coastline; Forest Congregatory waterbirds <i>Larus crassirostris</i> Congregatory seabirds <i>Calonectris leucomelas</i>									
44	Tsubakijima and Aomatsushima islets	Protected							A4i
Admin region Iwate Coordinates 38°56'N 141°43'E Altitude 0–35 m Area 2 ha Habitats Coastline Congregatory waterbirds <i>Larus crassirostris</i>									
45	Mount Hayachine	Partially protected							A3
Admin region Iwate Coordinates 39°33'N 141°30'E Altitude 720–1,914 m Area 14,000 ha Habitats Forest Biomes AS03: North-east Asian temperate forest									
46	Shintsutsumi reservoir	Partially protected							A4i
Admin region Iwate Coordinates 39°16'N 141°07'E Altitude 50–90 m Area 60 ha Habitats Artificial landscapes (terrestrial); Wetlands Congregatory waterbirds <i>Cygnus cygnus</i>									
47	Mounts Hachimantai and Wagadake	Partially protected							A3
Admin region Akita; Iwate Coordinates 38°52'N 140°50'E Altitude 249–2,038 m Area 98,000 ha Habitats Forest Biomes AS03: North-east Asian temperate forest									
48	Mounts Kurikoma and Yakiishi	Partially protected							A3
Admin region Akita; Iwate; Miyagi; Yamagata Coordinates 38°57'N 140°47'E Altitude 700–1,628 m Area 112,000 ha Habitats Forest Biomes AS03: North-east Asian temperate forest									
49	South Sanriku coast	Unprotected							A4i
Admin region Miyagi Coordinates 38°49'N 141°35'E Altitude 0–5 m Area 140 ha Habitats Coastline Congregatory waterbirds <i>Branta bernicla</i>									
50	Futagojima islets	Protected							A4i
Admin region Miyagi Coordinates 38°37'N 141°32'E Altitude 0–5 m Area 1 ha Habitats Coastline Congregatory waterbirds <i>Larus crassirostris</i>									
51	Rikuzen Enoshima islets	Protected							A4i
Admin region Miyagi Coordinates 38°24'N 141°36'E Altitude 0–77 m Area 55 ha Habitats Coastline Congregatory waterbirds <i>Larus crassirostris</i>									
52	Hasamagawa river	Unprotected							A4i
Admin region Miyagi Coordinates 38°46'N 141°8'E Altitude 8–10 m Area 10 ha Habitats Wetlands Congregatory waterbirds <i>Cygnus columbianus</i>									
53	Izunuma and nearby lakes	Partially protected ^R							A4i,iii
Admin region Miyagi Coordinates 38°43'N 141°07'E Altitude 0–40 m Area 1,800 ha Habitats Artificial landscapes (terrestrial); Wetlands Congregatory waterbirds <i>Cygnus cygnus</i> , <i>Anser albifrons</i> , <i>Anas acuta</i>									
54	Lake Kabukurinuma	Unprotected ^{AP}							A4i,iii
Admin region Miyagi Coordinates 38°38'N 141°06'E Altitude 0–7 m Area 150 ha Habitats Artificial landscapes (terrestrial); Wetlands Congregatory waterbirds <i>Anser albifrons</i>									
55	Lake Kejonuma	Protected							A4i
Admin region Miyagi Coordinates 38°38'N 140°58'E Altitude 0–60 m Area 351 ha Habitats Artificial landscapes (terrestrial) Congregatory waterbirds <i>Anser fabalis</i> , <i>Anser albifrons</i>									
56	Mounts Zao and Funagata	Partially protected							A3
Admin region Miyagi; Yamagata Coordinates 38°18'N 140°32'E Altitude 810–1,817 m Area 52,000 ha Habitats Forest Biomes AS03: North-east Asian temperate forest									

Table 1 ... continued. Important Bird Areas in Japan.									
57	Otomonuma reservoir	Protected ^{AP}							A4i,iii
Admin region Akita Coordinates 40°10'N 140°04'E Altitude 0–30 m Area 60 ha Habitats Artificial landscapes (terrestrial); Wetlands Congregatory waterbirds <i>Anser fabalis</i> , <i>Anser albifrons</i> , <i>Anas acuta</i>									
58	Hachirogata	Partially protected	A1		A3				A4i,iii
Admin region Akita Coordinates 40°00'N 140°00'E Altitude 0–5 m Area 20,000 ha Habitats Artificial landscapes (terrestrial); Wetlands Threatened species <i>Megalurus pryeri</i> Biomes AS03: North-east Asian temperate forest Congregatory waterbirds <i>Cygnus columbianus</i> , <i>Anser fabalis</i> , <i>Anser albifrons</i>									
59	Tamagawa river	Protected							A4i
Admin region Akita Coordinates 39°34'N 140°33'E Altitude 0–20 m Area 44 ha Habitats Wetlands Congregatory waterbirds <i>Cygnus cygnus</i>									
60	Tobishima and Osyakujima islands	Protected							A4i,iii
Admin region Yamagata Coordinates 39°11'N 139°32'E Altitude 0–70 m Area 249 ha Habitats Coastline Congregatory waterbirds <i>Larus crassirostris</i>									
61	Mogamigawa estuary	Protected							A4i,iii
Admin region Yamagata Coordinates 38°54'N 139°50'E Altitude 0–8 m Area 1,732 ha Habitats Wetlands Congregatory waterbirds <i>Cygnus cygnus</i> , <i>Cygnus columbianus</i> , <i>Anas acuta</i>									
62	Lakes Oyama Kamiike and Shimoike	Protected							A4i,iii
Admin region Yamagata Coordinates 38°46'N 139°46'E Altitude 0–273 m Area 970 ha Habitats Wetlands Congregatory waterbirds <i>Anas platyrhynchos</i>									
63	Mounts Asahidake and Gassan	Partially protected			A3				
Admin region Fukushima; Niigata; Yamagata Coordinates 38°20'N 139°51'E Altitude 320–1,984 m Area 190,000 ha Habitats Forest Biomes AS03: North-east Asian temperate forest									
64	Mounts Azuma and Bandai	Partially protected			A3				
Admin region Fukushima; Miyagi; Yamagata Coordinates 37°44'N 140°11'E Altitude 520–2,105 m Area 29,000 ha Habitats Forest Biomes AS03: North-east Asian temperate forest									
65	Abukumagawa river	Partially protected							A4i
Admin region Fukushima Coordinates 37°46'N 140°30'E Altitude 0–420 m Area 660 ha Habitats Wetlands Congregatory waterbirds <i>Anas acuta</i>									
66	Lake Inawashiroko	Protected							A4i
Admin region Fukushima Coordinates 37°29'N 140°06'E Altitude 0–514 m Area 10,933 ha Habitats Wetlands Congregatory waterbirds <i>Cygnus columbianus</i>									
67	Okutadami, Okunikko and Okutone mountains	Partially protected			A3				
Admin region Fukushima; Gunma; Niigata; Tochigi Coordinates 37°00'N 139°14'E Altitude 1,200–2,578 m Area 313,000 ha Habitats Forest Biomes AS03: North-east Asian temperate forest									
68	Lake Kasumigaura, Ukisima	Protected	A1		A3				A4i
Admin region Ibaraki Coordinates 36°02'N 140°24'E Altitude 0–15 m Area 17,000 ha Habitats Wetlands Threatened species <i>Megalurus pryeri</i> Biomes AS03: North-east Asian temperate forest Congregatory waterbirds <i>Anas crecca</i> , <i>Pluvialis fulva</i> , <i>Charadrius dubius</i>									
69	Tonegawa floodplain	Protected	A1		A3				A4i
Admin region Chiba; Ibaraki Coordinates 35°52'N 140°38'E Altitude 0–10 m Area 2,300 ha Habitats Artificial landscapes (terrestrial); Wetlands Threatened species <i>Megalurus pryeri</i> Biomes AS03: North-east Asian temperate forest Congregatory waterbirds <i>Numenius phaeopus</i>									

Tonegawa floodplain (IBA 69) is an important breeding site for the threatened Marsh Grassbird *Megalurus pryeri*. (PHOTO: SIMBA CHAN)



Table 1 ... continued. Important Bird Areas in Japan.

70	Tonegawa estuary, Hazaki coast	Partially protected	■ A4i
Admin region Ibaraki Coordinates 35°45'N 140°50'E Altitude 0–3 m Area 1,200 ha Habitats Wetlands ■ Congregatory waterbirds <i>Calidris alba</i>			
71	Mounts Asama, Shirane and Tanigawa	Partially protected	■ A3
Admin region Gunma; Nagano; Niigata Coordinates 36°43'N 138°35'E Altitude 850–2,568 m Area 103,000 ha Habitats Forest ■ Biomes AS03: North-east Asian temperate forest			
72	Kujukuri coast	Protected	■ A4i
Admin region Chiba Coordinates 35°35'N 140°31'E Altitude 0–10 m Area 19,000 ha Habitats Wetlands ■ Congregatory waterbirds <i>Calidris alba</i>			
73	Banzu and Futtsu tidal flat	Partially protected	■ A4i
Admin region Chiba Coordinates 35°24'N 139°54'E Altitude 0–5 m Area 2,400 ha Habitats Wetlands ■ Congregatory waterbirds <i>Aythya marila</i> , <i>Charadrius alexandrinus</i> , <i>Heteroscelus brevipes</i> , <i>Calidris alba</i>			
74	Inner Tokyo bay	Partially protected ^{AP}	■ A4i,iii
Admin region Chiba; Tokyo Coordinates 35°36'N 139°53'E Altitude 0–5 m Area 16,000 ha Habitats Wetlands ■ Congregatory waterbirds <i>Phalacrocorax carbo</i> , <i>Aythya marila</i> , <i>Pluvialis squatarola</i> , <i>Numenius phaeopus</i> , <i>Heteroscelus brevipes</i> , <i>Arenaria interpres</i> , <i>Calidris alba</i> , <i>Calidris alpina</i>			
75	Oshima island	Protected	■ A1 ■ A2
Admin region Tokyo Coordinates 34°44'N 139°24'E Altitude 0–764 m Area 9,105 ha Habitats Forest ■ Threatened species <i>Turdus celaenops</i> , <i>Locustella pleskei</i> , <i>Phylloscopus ijimae</i> ■ Endemic Bird Areas 146: Izu Islands			
76	Toshima island	Protected	■ A1 ■ A2
Admin region Tokyo Coordinates 34°31'N 139°17'E Altitude 0–507 m Area 412 ha Habitats Forest ■ Threatened species <i>Turdus celaenops</i> , <i>Locustella pleskei</i> , <i>Phylloscopus ijimae</i> ■ Endemic Bird Areas 146: Izu Islands			
77	Niijima and Shikinejima islands	Protected	■ A1 ■ A2 ■ A4ii
Admin region Tokyo Coordinates 34°22'N 139°16'E Altitude 0–432 m Area 2,686 ha Habitats Coastline; Forest ■ Threatened species <i>Synthliboramphus wumizusume</i> , <i>Turdus celaenops</i> , <i>Locustella pleskei</i> , <i>Phylloscopus ijimae</i> ■ Endemic Bird Areas 146: Izu Islands ■ Congregatory seabirds <i>Synthliboramphus wumizusume</i>			
78	Kozushima island	Protected	■ A1 ■ A2 ■ A4ii
Admin region Tokyo Coordinates 34°13'N 139°09'E Altitude 0–574 m Area 1,848 ha Habitats Coastline; Forest ■ Threatened species <i>Synthliboramphus wumizusume</i> , <i>Turdus celaenops</i> , <i>Locustella pleskei</i> , <i>Phylloscopus ijimae</i> ■ Endemic Bird Areas 146: Izu Islands ■ Congregatory seabirds <i>Oceanodroma tristrami</i> , <i>Synthliboramphus wumizusume</i>			
79	Miyakejima island	Protected	■ A1 ■ A2 ■ A4ii
Admin region Tokyo Coordinates 34°05'N 139°32'E Altitude 0–814 m Area 5,550 ha Habitats Coastline; Forest ■ Threatened species <i>Synthliboramphus wumizusume</i> , <i>Turdus celaenops</i> , <i>Locustella pleskei</i> , <i>Phylloscopus ijimae</i> ■ Endemic Bird Areas 146: Izu Islands ■ Congregatory seabirds <i>Synthliboramphus wumizusume</i>			
80	Mikurajima island	Protected	■ A1 ■ A2 ■ A4ii
Admin region Tokyo Coordinates 33°52'N 139°36'E Altitude 0–850 m Area 2,058 ha Habitats Coastline; Forest ■ Threatened species <i>Synthliboramphus wumizusume</i> , <i>Turdus celaenops</i> , <i>Locustella pleskei</i> , <i>Phylloscopus ijimae</i> ■ Endemic Bird Areas 146: Izu Islands ■ Congregatory seabirds <i>Calonectris leucomelas</i>			
81	Hachijojima island	Protected	■ A1 ■ A2 ■ A4ii
Admin region Tokyo Coordinates 33°06'N 139°48'E Altitude 0–700 m Area 6,948 ha Habitats Coastline; Forest ■ Threatened species <i>Synthliboramphus wumizusume</i> , <i>Turdus celaenops</i> , <i>Locustella pleskei</i> , <i>Phylloscopus ijimae</i> ■ Endemic Bird Areas 146: Izu Islands ■ Congregatory seabirds <i>Synthliboramphus wumizusume</i>			
82	Aogashima island	Protected	■ A1 ■ A2
Admin region Tokyo Coordinates 32°27'N 139°46'E Altitude 0–423 m Area 597 ha Habitats Forest ■ Threatened species <i>Turdus celaenops</i> , <i>Locustella pleskei</i> , <i>Phylloscopus ijimae</i> ■ Endemic Bird Areas 146: Izu Islands			
83	Torishima island	Protected	■ A1 ■ A4ii
Admin region Tokyo Coordinates 30°29'N 140°18'E Altitude 0–400 m Area 453 ha Habitats Grassland ■ Threatened species <i>Phoebastria albatrus</i> , <i>Phoebastria nigripes</i> , <i>Synthliboramphus wumizusume</i> ■ Congregatory seabirds <i>Phoebastria albatrus</i>			
84	Mukojima islands	Protected	■ A1 ■ A2
Admin region Tokyo Coordinates 27°40'N 142°08'E Altitude 0–159 m Area 586 ha Habitats Coastline; Forest ■ Threatened species <i>Phoebastria nigripes</i> ■ Endemic Bird Areas 147: Ogasawara Islands			
85	Chichijima islands	Protected	■ A2
Admin region Tokyo Coordinates 27°03'N 142°13'E Altitude 0–317 m Area 3,862 ha Habitats Forest ■ Endemic Bird Areas 147: Ogasawara Islands			
86	Hahajima islands	Protected	■ A1 ■ A2
Admin region Tokyo Coordinates 26°39'N 142°09'E Altitude 0–462 m Area 2,650 ha Habitats Forest ■ Threatened species <i>Apalopteron familiare</i> ■ Endemic Bird Areas 147: Ogasawara Islands			
87	Nishinoshima islet	Unprotected	■ A4i
Admin region Tokyo Coordinates 27°15'N 140°53'E Altitude 0–25 m Area 25 ha Habitats Coastline; Grassland ■ Congregatory waterbirds <i>Sterna bergii</i>			
88	Iwo islands	Protected	■ A2 ■ A4ii
Admin region Tokyo Coordinates 24°47'N 141°19'E Altitude 0–916 m Area 3,255 ha Habitats Coastline; Forest; Grassland ■ Endemic Bird Areas s091: Iwo Islands ■ Congregatory seabirds <i>Oceanodroma matsudairae</i> , <i>Phaethon rubricauda</i>			
89	Lake Sakata	Protected ^{AP,R}	■ A4i
Admin region Niigata Coordinates 37°49'N 138°53'E Altitude 0–5 m Area 251 ha Habitats Wetlands ■ Congregatory waterbirds <i>Cygnus columbianus</i>			

Table 1 ... continued. Important Bird Areas in Japan.						
90	Lake Asahiike and Lake Unoiike	Protected		A4i		
Admin region Niigata Coordinates 37°14'N 138°22'E Altitude 0–5 m Area 80 ha Habitats Wetlands Congregatory waterbirds <i>Anser fabalis</i> , <i>Anser albifrons</i>						
91	Lake Toyanogata	Protected		A4i		
Admin region Niigata Coordinates 37°53'N 139°03'E Altitude 0–1 m Area 264 ha Habitats Wetlands Congregatory waterbirds <i>Cygnus columbianus</i>						
92	Lake Hyoko	Protected ^{AP}		A4i,iii		
Admin region Niigata Coordinates 37°50'N 139°14'E Altitude 0–5 m Area 310 ha Habitats Wetlands Congregatory waterbirds <i>Cygnus columbianus</i> , <i>Anas platyrhynchos</i> , <i>Anas acuta</i>						
93	Lake Fukushima-gata	Protected ^{AP}		A4i		
Admin region Niigata Coordinates 37°54'N 139°15'E Altitude 0–5 m Area 163 ha Habitats Wetlands Congregatory waterbirds <i>Cygnus columbianus</i> , <i>Anser fabalis</i>						
94	Myoko, Togakushi highlands	Partially protected		A3		
Admin region Nagano; Niigata Coordinates 36°55'N 138°04'E Altitude 580–2,454 m Area 55,000 ha Habitats Forest Biomes AS03: North-east Asian temperate forest						
95	Northern Japan Alps	Partially protected		A3		
Admin region Gifu; Nagano; Niigata; Toyama Coordinates 36°32'N 137°37'E Altitude 1,088–2,986 m Area 293,000 ha Habitats Forest Biomes AS03: North-east Asian temperate forest						
96	Mount Yatsugatake	Partially protected		A3		
Admin region Nagano; Yamanashi Coordinates 36°01'N 138°22'E Altitude 1,345–2,899 m Area 15,000 ha Habitats Forest Biomes AS03: North-east Asian temperate forest						
97	Mount Fuji	Partially protected		A3		
Admin region Shizuoka; Yamanashi Coordinates 35°22'N 138°44'E Altitude 900–3,776 m Area 15,000 ha Habitats Forest Biomes AS03: North-east Asian temperate forest						
98	Southern Japan Alps	Partially protected		A3		
Admin region Nagano; Shizuoka; Yamanashi Coordinates 35°28'N 138°10'E Altitude 2,000–3,192 m Area 114,000 ha Habitats Forest Biomes AS03: North-east Asian temperate forest						
99	Nanatsujima islets	Protected		A1		
Admin region Ishikawa Coordinates 37°36'N 136°54'E Altitude 0–62 m Area 24 ha Habitats Coastline; Grassland Threatened species <i>Synthliboramphus wumizusume</i>						
100	Kahokugata, Takamatsu coast	Partially protected		A1		A4i,iii
Admin region Ishikawa Coordinates 36°39'N 136°40'E Altitude 0–5 m Area 2,700 ha Habitats Wetlands Threatened species <i>Anas formosa</i> Congregatory waterbirds <i>Calidris alba</i>						
101	Katano-Kamoike	Partially protected ^{AP,R}		A1		A4i
Admin region Ishikawa Coordinates 36°19'N 136°18'E Altitude 0–5 m Area 100 ha Habitats Wetlands Threatened species <i>Anas formosa</i> Congregatory waterbirds <i>Anser albifrons</i>						

Alpine habitats on Mount Takeyama in the Northern Japan Alps (IBA 95) support birds such as Rock Ptarmigan *Lagopus mutus*. (PHOTO: KEI ITO)



Table 1 ... continued. Important Bird Areas in Japan.

102	Komaiko coast	Unprotected	A4i
Admin region Ishikawa Coordinates 36°29'N 136°29'E Altitude 0–5 m Area 170 ha Habitats Wetlands ■ Congregatory waterbirds <i>Calidris alba</i>			
103	Mount Hakusan	Partially protected^{BR}	A3
Admin region Fukui; Gifu; Ishikawa; Toyama Coordinates 36°09'N 136°46'E Altitude 600–2,702 m Area 119,000 ha Habitats Forest ■ Biomes AS03: North-east Asian temperate forest			
104	Lower Kuzuryugawa river, Sakai plain	Unprotected	A4i
Admin region Fukui Coordinates 36°11'N 136°11'E Altitude 0–10 m Area 7,500 ha Habitats Artificial landscapes (terrestrial); Wetlands ■ Congregatory waterbirds <i>Anser albifrons</i>			
105	Mounts Nogo-hakusan and Ibuki	Partially protected	A3
Admin region Fukui; Gifu; Shiga Coordinates 35°46'N 136°26'E Altitude 850–1,617 m Area 79,000 ha Habitats Forest ■ Biomes AS03: North-east Asian temperate forest			
106	Lake Hamanako	Protected	A4i,iii
Admin region Shizuoka Coordinates 34°43'N 137°35'E Altitude 0–5 m Area 7,800 ha Habitats Wetlands ■ Congregatory waterbirds <i>Anas falcata</i> , <i>Aythya ferina</i> , <i>Aythya marila</i> , <i>Sterna albifrons</i>			
107	Ikawazu	Partially protected	A4i
Admin region Aichi Coordinates 34°39'N 137°08'E Altitude 0–20 m Area 870 ha Habitats Wetlands ■ Congregatory waterbirds <i>Arenaria interpres</i>			
108	Shiokawa tidal flat	Unprotected	A4i
Admin region Aichi Coordinates 34°41'N 137°18'E Altitude 0–3 m Area 900 ha Habitats Wetlands ■ Congregatory waterbirds <i>Aythya marila</i> , <i>Charadrius dubius</i> , <i>Vanellus cinereus</i> , <i>Numenius phaeopus</i> , <i>Heteroscelus brevipes</i> , <i>Arenaria interpres</i> , <i>Calidris ruficollis</i> , <i>Calidris alpina</i>			
109	Yahagigawa estuary	Unprotected	A4i
Admin region Aichi Coordinates 34°50'N 136°59'E Altitude 0–5 m Area 1,400 ha Habitats Wetlands ■ Congregatory waterbirds <i>Aythya marila</i> , <i>Vanellus cinereus</i>			
110	Asai-shinden fishpond	Unprotected	A4i
Admin region Aichi Coordinates 34°48'N 137°12'E Altitude 0–10 m Area 6 ha Habitats Wetlands ■ Congregatory waterbirds <i>Aythya ferina</i>			
111	Fujimae tidal flat	Protected^R	A4i
Admin region Aichi Coordinates 35°04'N 136°50'E Altitude 0–5 m Area 770 ha Habitats Wetlands ■ Congregatory waterbirds <i>Xenus cinereus</i> , <i>Heteroscelus brevipes</i> , <i>Calidris ruficollis</i> , <i>Calidris alpina</i>			
112	Unoyama	Protected	A4i
Admin region Aichi Coordinates 34°48'N 136°53'E Altitude 0–30 m Area 331 ha Habitats Forest; Wetlands ■ Congregatory waterbirds <i>Phalacrocorax carbo</i>			
113	Anogawa and Shitomogawa estuaries, Toyotsuura	Protected	A4i
Admin region Mie Coordinates 34°44'N 136°32'E Altitude 0–5 m Area 160 ha Habitats Wetlands ■ Congregatory waterbirds <i>Heteroscelus brevipes</i> , <i>Calidris alba</i>			
114	Kumozugawa, Atagogawa and Kongogawa estuaries	Partially protected	A4i
Admin region Mie Coordinates 34°37'N 136°33'E Altitude 0–5 m Area 1,200 ha Habitats Wetlands ■ Congregatory waterbirds <i>Numenius phaeopus</i> , <i>Heteroscelus brevipes</i>			
115	Kii Nagashima islets	Protected	A1 A2
Admin region Mie Coordinates 34°10'N 136°21'E Altitude 0–30 m Area 7,452 ha Habitats Coastline; Forest ■ Threatened species <i>Synthliboramphus wumizusume</i> , <i>Locustella pleskei</i> ■ Endemic Bird Areas s092: Japanese and Korean offshore islands			
116	Omine and Daiko mountains	Partially protected^{BR}	A3
Admin region Mie; Nara; Wakayama Coordinates 34°11'N 136°07'E Altitude 700–1,695 m Area 40,000 ha Habitats Forest ■ Biomes AS03: North-east Asian temperate forest			
117	Lake Biwako	Protected^{APR}	A4i,iii
Admin region Shiga Coordinates 35°15'N 136°05'E Altitude 0–85 m Area 72,224 ha Habitats Wetlands ■ Congregatory waterbirds <i>Anas falcata</i> , <i>Anas penelope</i> , <i>Aythya ferina</i> , <i>Aythya fuligula</i>			
118	Kanmurijima and Kutsujima islets	Protected	A1 A2 A4ii,iii
Admin region Kyoto Coordinates 35°41'N 135°26'E Altitude 0–169 m Area 471 ha Habitats Coastline ■ Threatened species <i>Synthliboramphus wumizusume</i> ■ Endemic Bird Areas s092: Japanese and Korean offshore islands ■ Congregatory seabirds <i>Calonectris leucomelas</i> , <i>Oceanodroma monorhis</i>			
119	Osaka Nanko	Unprotected	A4i
Admin region Osaka Coordinates 34°38'N 135°24'E Altitude 0–5 m Area 19 ha Habitats Wetlands ■ Congregatory waterbirds <i>Charadrius dubius</i> , <i>Charadrius alexandrinus</i>			
120	Futatsuno reservoir	Unprotected	A4i
Admin region Nara Coordinates 33°56'N 135°46'E Altitude 20–100 m Area 230 ha Habitats Wetlands ■ Congregatory waterbirds <i>Aix galericulata</i>			
121	Mount Hyonosen	Partially protected	A3
Admin region Hyogo; Tottori Coordinates 35°21'N 134°31'E Altitude 50–1,510 m Area 10,000 ha Habitats Forest ■ Biomes AS03: North-east Asian temperate forest			
122	Lake Nakaumi	Partially protected^{AP}	A4i,iii
Admin region Shimane; Tottori Coordinates 35°28'N 133°12'E Altitude 0–5 m Area 10,000 ha Habitats Wetlands ■ Congregatory waterbirds <i>Cygnus columbianus</i> , <i>Aythya ferina</i> , <i>Aythya fuligula</i> , <i>Aythya marila</i>			

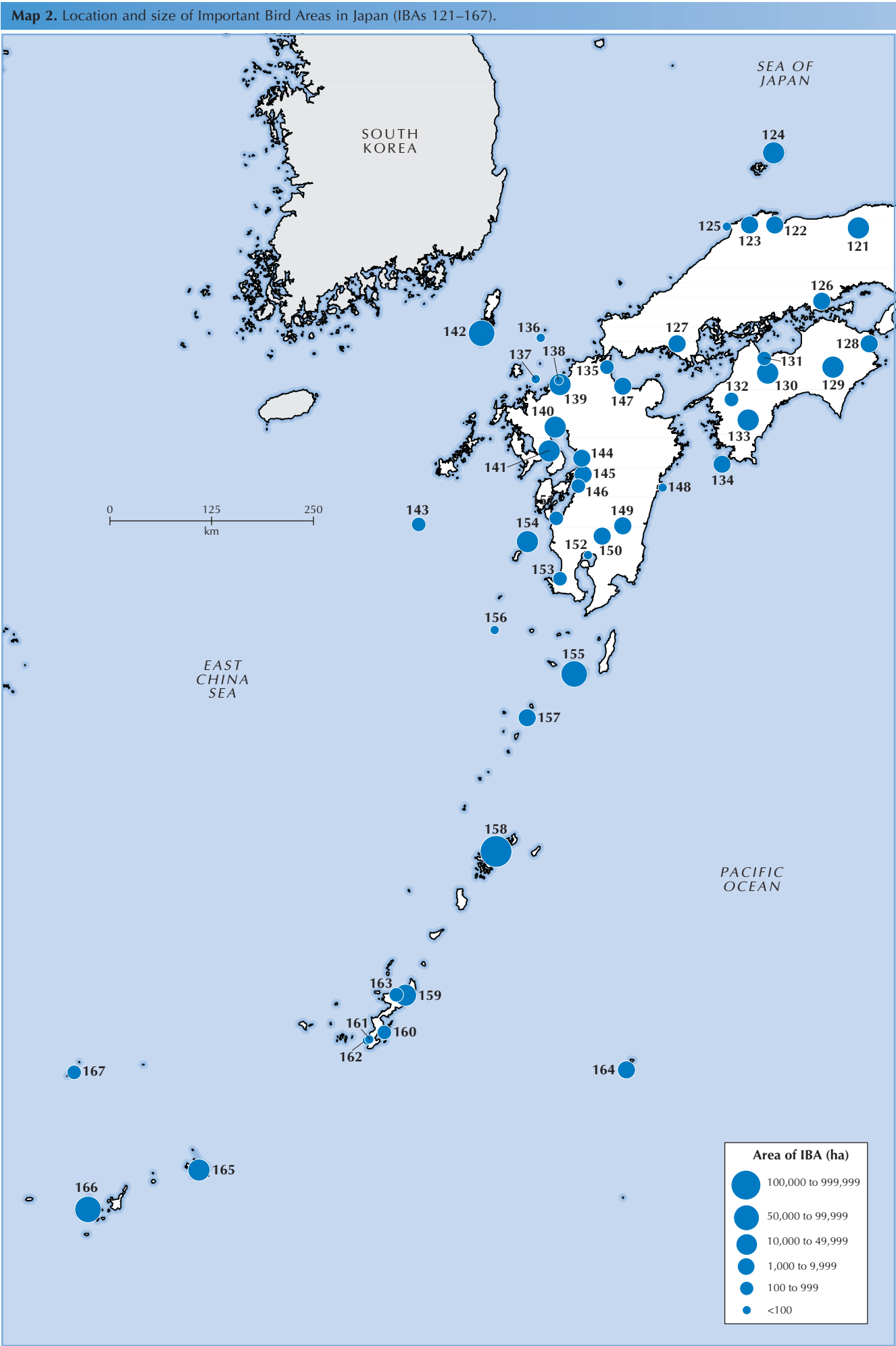


Table 1 ... continued. Important Bird Areas in Japan.						
123	Lake Shinjiko		Protected			■ A4i,iii
Admin region Shimane Coordinates 35°26'N 132°56'E Altitude 0–20 m Area 9,639 ha Habitats Wetlands ■ Congregatory waterbirds <i>Anser albifrons</i> , <i>Aythya fuligula</i> , <i>Aythya marila</i>						
124	Oki islands		Partially protected		■ A2	
Admin region Shimane Coordinates 36°15'N 133°17'E Altitude 0–608 m Area 34,800 ha Habitats Coastline; Forest ■ Endemic Bird Areas s092: Japanese and Korean offshore islands						
125	Fumishima		Protected			■ A4i
Admin region Shimane Coordinates 35°26'N 132°38'E Altitude 0–70 m Area 1 ha Habitats Coastline ■ Congregatory waterbirds <i>Larus crassirostris</i>						
126	Lake Kojimako and Lake Abeike		Protected			■ A4iii
Admin region Okayama Coordinates 34°35'N 133°57'E Altitude 0–5 m Area 1,000 ha Habitats Wetlands						
127	Kumage-Yatsushiro		Protected ^{AP}	■ A1		
Admin region Yamaguchi Coordinates 34°05'N 131°56'E Altitude 300–600 m Area 1,038 ha Habitats Artificial landscapes (terrestrial) ■ Threatened species <i>Grus monacha</i>						
128	Lower Yoshinogawa river		Partially protected ^{AP}			■ A4i
Admin region Tokushima Coordinates 34°05'N 134°35'E Altitude 0–6 m Area 3,800 ha Habitats Wetlands ■ Congregatory waterbirds <i>Anas penelope</i>						
129	Tsurugi range		Partially protected		■ A3	
Admin region Kochi; Tokushima Coordinates 33°49'N 134°02'E Altitude 700–1,955 m Area 14,000 ha Habitats Forest ■ Biomes AS03: North-east Asian temperate forest						
130	Ishizuchi range		Partially protected		■ A3	
Admin region Ehime; Kochi Coordinates 33°44'N 133°09'E Altitude 900–1,982 m Area 12,000 ha Habitats Forest ■ Biomes AS03: North-east Asian temperate forest						
131	Kamogawa estuary		Partially protected	■ A1		■ A4i
Admin region Ehime Coordinates 33°56'N 133°09'E Altitude 0–6 m Area 470 ha Habitats Wetlands ■ Threatened species <i>Larus saundersi</i> ■ Congregatory waterbirds <i>Numenius phaeopus</i> , <i>Heteroscelus brevipes</i>						
132	Kanogawa reservoir		Protected			■ A4i
Admin region Ehime Coordinates 33°26'N 132°42'E Altitude 90–210 m Area 1,216 ha Habitats Artificial landscapes (terrestrial) ■ Congregatory waterbirds <i>Aix galericulata</i>						
133	Middle Shimantogawa basin		Partially protected	■ A1		
Admin region Ehime; Kochi Coordinates 33°14'N 132°51'E Altitude 30–1,200 m Area 16,000 ha Habitats Forest ■ Threatened species <i>Pitta nympha</i>						
134	Seinan islands		Protected	■ A1	■ A2	
Admin region Kochi Coordinates 32°44'N 132°33'E Altitude 0–404 m Area 1,200 ha Habitats Coastline; Forest ■ Threatened species <i>Synthliboramphus wumizusume</i> ■ Endemic Bird Areas s092: Japanese and Korean offshore islands						
135	Sone tidal flat		Unprotected	■ A1		■ A4i
Admin region Fukuoka Coordinates 33°49'N 130°58'E Altitude 0–5 m Area 660 ha Habitats Wetlands ■ Threatened species <i>Larus saundersi</i> ■ Congregatory waterbirds <i>Charadrius alexandrinus</i> , <i>Numenius phaeopus</i> , <i>Heteroscelus brevipes</i> , <i>Larus saundersi</i>						
136	Okinoshima islets		Protected	■ A1	■ A2	■ A4ii
Admin region Fukuoka Coordinates 34°14'N 130°06'E Altitude 0–243 m Area 97 ha Habitats Coastline; Forest ■ Threatened species <i>Synthliboramphus wumizusume</i> , <i>Locustella pleskei</i> ■ Endemic Bird Areas s092: Japanese and Korean offshore islands ■ Congregatory seabirds <i>Calonectris leucomelas</i> , <i>Synthliboramphus wumizusume</i>						
137	Eboshijima islet		Protected	■ A1		■ A4ii
Admin region Fukuoka Coordinates 33°41'N 129°59'E Altitude 0–42 m Area 1 ha Habitats Coastline ■ Threatened species <i>Synthliboramphus wumizusume</i> ■ Congregatory seabirds <i>Synthliboramphus wumizusume</i>						
138	Tsukuejima islets		Protected	■ A1		
Admin region Fukuoka Coordinates 33°41'N 130°13'E Altitude 0–56 m Area 5 ha Habitats Coastline; Forest ■ Threatened species <i>Synthliboramphus wumizusume</i> , <i>Locustella pleskei</i>						
139	Hakata bay		Protected	■ A1		■ A4i
Admin region Fukuoka Coordinates 33°37'N 130°21'E Altitude 0–5 m Area 9,000 ha Habitats Wetlands ■ Threatened species <i>Platalea minor</i> , <i>Larus saundersi</i> , <i>Locustella pleskei</i> ■ Congregatory waterbirds <i>Numenius phaeopus</i> , <i>Tringa nebularia</i> , <i>Xenus cinereus</i> , <i>Heteroscelus brevipes</i> , <i>Calidris ruficollis</i> , <i>Calidris alpina</i>						
140	Inner Ariake bay		Unprotected	■ A1		■ A4i
Admin region Fukuoka; Saga Coordinates 33°08'N 130°15'E Altitude 0–5 m Area 19,000 ha Habitats Wetlands ■ Threatened species <i>Larus saundersi</i> ■ Congregatory waterbirds <i>Pluvialis squatarola</i> , <i>Numenius phaeopus</i> , <i>Tringa nebularia</i> , <i>Calidris alpina</i> , <i>Larus saundersi</i>						
141	Isahaya bay		Unprotected			■ A4i,iii
Admin region Nagasaki Coordinates 32°52'N 130°10'E Altitude 0–5 m Area 4,600 ha Habitats Wetlands ■ Congregatory waterbirds <i>Aythya marila</i>						
142	Tsushima islands		Partially protected	■ A1	■ A2	■ A4iv
Admin region Nagasaki Coordinates 34°12'N 129°14'E Altitude 130–650 m Area 69,710 ha Habitats Forest ■ Threatened species <i>Locustella pleskei</i> ■ Endemic Bird Areas s092: Japanese and Korean offshore islands						
143	Danjo islands		Protected	■ A1	■ A2	■ A4ii,iii
Admin region Nagasaki Coordinates 32°02'N 128°24'E Altitude 0–125 m Area 416 ha Habitats Coastline; Forest ■ Threatened species <i>Synthliboramphus wumizusume</i> , <i>Locustella pleskei</i> ■ Endemic Bird Areas 148: Nansei Shoto ■ Congregatory seabirds <i>Calonectris leucomelas</i> , <i>Sula leucogaster</i>						

Table 1 ... continued. Important Bird Areas in Japan.					
144	Shirakawa estuary		Unprotected	A1	A4i
Admin region Kumamoto Coordinates 32°47'N 130°36'E Altitude 0–5 m Area 1,200 ha Habitats Wetlands					
Threatened species <i>Platalea minor</i> Congregatory waterbirds <i>Platalea minor</i> , <i>Numenius phaeopus</i> , <i>Xenus cinereus</i> , <i>Heteroscelus brevipes</i>					
145	Hikawa estuary, Shiranui		Unprotected	A1	A4i
Admin region Kumamoto Coordinates 32°37'N 130°37'E Altitude 0–15 m Area 1,300 ha Habitats Wetlands					
Threatened species <i>Platalea minor</i> , <i>Larus saundersi</i> Congregatory waterbirds <i>Platalea minor</i> , <i>Numenius phaeopus</i> , <i>Heteroscelus brevipes</i>					
146	Kumakawa estuary		Unprotected	A1	A4i
Admin region Kumamoto Coordinates 32°28'N 130°33'E Altitude 0–5 m Area 1,200 ha Habitats Wetlands					
Threatened species <i>Larus saundersi</i> Congregatory waterbirds <i>Numenius phaeopus</i> , <i>Xenus cinereus</i>					
147	Nakatsu and Usa tidal flats		Unprotected	A1	A4i
Admin region Oita Coordinates 33°35'N 131°19'E Altitude 0–5 m Area 3,800 ha Habitats Wetlands					
Threatened species <i>Larus saundersi</i> Congregatory waterbirds <i>Numenius phaeopus</i> , <i>Xenus cinereus</i> , <i>Heteroscelus brevipes</i>					
148	Birojima islet		Protected	A1	A4ii
Admin region Miyazaki Coordinates 32°28'N 131°44'E Altitude 0–75 m Area 8 ha Habitats Coastline; Forest					
Threatened species <i>Synthliboramphus wumizusume</i> , <i>Locustella pleskei</i> Congregatory seabirds <i>Synthliboramphus wumizusume</i>					
149	Ayakawa valley		Protected	A1	
Admin region Miyazaki Coordinates 32°02'N 131°11'E Altitude 80–1,000 m Area 3,000 ha Habitats Forest					
Threatened species <i>Pitta nympha</i>					
150	Kirishima mountains and Lake Miike		Partially protected	A1	A3
Admin region Miyazaki Coordinates 31°55'N 130°53'E Altitude 500–1,700 m Area 8,500 ha Habitats Forest					
Threatened species <i>Pitta nympha</i> Biomes AS03: North-east Asian temperate forest					
151	Izumi, Takaono		Protected ^{AP}	A1	A4i
Admin region Kagoshima Coordinates 32°06'N 130°17'E Altitude 0–10 m Area 842 ha Habitats Artificial landscapes (terrestrial); Wetlands					
Threatened species <i>Grus vipio</i> , <i>Grus monacha</i> Congregatory waterbirds <i>Grus vipio</i> , <i>Grus monacha</i>					
152	Okikojima islet		Unprotected	A1	
Admin region Kagoshima Coordinates 31°42'N 130°43'E Altitude 0–94 m Area 5 ha Habitats Forest; Grassland					
Threatened species <i>Locustella pleskei</i>					
153	Manosegawa estuary		Unprotected	A1	A4i
Admin region Kagoshima Coordinates 31°26'N 130°18'E Altitude 0–5 m Area 100 ha Habitats Wetlands					
Threatened species <i>Platalea minor</i> Congregatory waterbirds <i>Platalea minor</i>					
154	Koshikijima islands		Partially protected	A1	A2
Admin region Kagoshima Coordinates 31°50'N 129°53'E Altitude 0–604 m Area 11,910 ha Habitats Coastline; Forest					
Threatened species <i>Locustella pleskei</i> Endemic Bird Areas s092: Japanese and Korean offshore islands					

Two bird species are unique to the forests at Yambaru in northern Okinawa (IBA 159), Okinawa Rail *Gallirallus okinawae* and Okinawa Woodpecker *Sapheopipo noguchii*. (PHOTO: MASAKAZU KUDAKA)



Table 1 ... continued. Important Bird Areas in Japan.

155 Yakushima and Tanegashima islands	Partially protected ^{BR,WH}	■ A2
Admin region Kagoshima Coordinates 30°20'N 130°32'E Altitude 0–1,935 m Area 50,455 ha Habitats Forest ■ Endemic Bird Areas 148: Nansei Shoto		
156 Kusagaki islets	Partially protected	■ A4ii,iii
Admin region Kagoshima Coordinates 30°51'N 129°28'E Altitude 0–160 m Area 50 ha Habitats Coastline; Forest ■ Congregatory seabirds <i>Calonectris leucomelas</i>		
157 Tokara islands	Protected	■ A1 ■ A2
Admin region Kagoshima Coordinates 29°51'N 129°52'E Altitude 0–979 m Area 8,400 ha Habitats Forest ■ Threatened species <i>Turdus celanops</i> , <i>Phylloscopus ijimae</i> ■ Endemic Bird Areas 148: Nansei Shoto		
158 Amami islands	Partially protected	■ A1 ■ A2
Admin region Kagoshima Coordinates 28°19'N 129°26'E Altitude 0–415 m Area 123,910 ha Habitats Forest ■ Threatened species <i>Scolopax mira</i> , <i>Zoothera major</i> , <i>Garrulus lidthi</i> ■ Endemic Bird Areas 148: Nansei Shoto		
159 Yambaru, northern Okinawa forest	Partially protected	■ A1 ■ A2
Admin region Okinawa Coordinates 26°41'N 128°11'E Altitude 0–500 m Area 37,000 ha Habitats Forest ■ Threatened species <i>Gallirallus okinawae</i> , <i>Scolopax mira</i> , <i>Sapheopipo noguchii</i> ■ Endemic Bird Areas 148: Nansei Shoto		
160 Awase tidal flat	Unprotected	■ A4i
Admin region Okinawa Coordinates 26°18'N 127°50'E Altitude 0–5 m Area 550 ha Habitats Forest; Wetlands ■ Congregatory waterbirds <i>Pluvialis fulva</i> , <i>Arenaria interpres</i>		
161 Manko tidal flat	Protected ^{AP,R}	■ A1 ■ A4i
Admin region Okinawa Coordinates 26°12'N 127°41'E Altitude 0–5 m Area 58 ha Habitats Wetlands ■ Threatened species <i>Platalea minor</i> ■ Congregatory waterbirds <i>Heteroscelus brevipes</i>		
162 Yone and Gushi tidal flats	Unprotected	■ A1 ■ A4i
Admin region Okinawa Coordinates 26°10'N 127°39'E Altitude 0–5 m Area 180 ha Habitats Wetlands (inland) ■ Threatened species <i>Platalea minor</i> ■ Congregatory waterbirds <i>Platalea minor</i>		
163 Okinawa coastal islets	Partially protected	■ A4i
Admin region Okinawa Coordinates 26°39'N 128°02'E Altitude 0–50 m Area 100 ha Habitats Coastline ■ Congregatory waterbirds <i>Sterna dougallii</i> , <i>Sterna sumatrana</i>		
164 Daito islands	Protected	■ A2
Admin region Okinawa Coordinates 25°51'N 131°15'E Altitude 0–75 m Area 4,250 ha Habitats Forest ■ Endemic Bird Areas 148: Nansei Shoto		
165 Miyako islands	Partially protected	■ A2 ■ A4i,iv
Admin region Okinawa Coordinates 24°47'N 125°20'E Altitude 0–109 m Area 20,297 ha Habitats Forest ■ Endemic Bird Areas 148: Nansei Shoto ■ Congregatory waterbirds <i>Numenius phaeopus</i>		
166 Yaeyama islands	Partially protected	■ A2 ■ A4i
Admin region Okinawa Coordinates 24°20'N 123°50'E Altitude 0–526 m Area 58,345 ha Habitats Coastline; Forest; Wetlands (inland) ■ Endemic Bird Areas 148: Nansei Shoto ■ Congregatory waterbirds <i>Heteroscelus brevipes</i> , <i>Arenaria interpres</i> , <i>Sterna dougallii</i> , <i>Sterna sumatrana</i> , <i>Sterna anaethetus</i>		
167 Senkaku islands	Unprotected	■ A1 ■ A4i,ii
Admin region Okinawa Coordinates 25°50'N 123°35'E Altitude 0–118 m Area 630 ha Habitats Coastline; Forest; Grassland ■ Threatened species <i>Phoebastria albatrus</i> , <i>Phoebastria nigripes</i> ■ Congregatory waterbirds <i>Sterna bergii</i> ■ Congregatory seabirds <i>Phoebastria albatrus</i> , <i>Phoebastria nigripes</i> , <i>Sula leucogaster</i>		