DEMEI OTOBED, ALAN R. OLSEN[†], and MILANG EBERDONG, Belau National Museum, P.O. Box 666, Koror, Palau 96940

HEATHER KETEBENGANG, Palau Conservation Society, P.O. Box 1181, Koror, Palau 96940; palaubirdrecords@gmail.com

MANDY T. ETPISON, Etpison Museum, P.O. Box 7049, Koror, Palau 96940

H. DOUGLAS PRATT, 1205 Selwyn Lane, Cary, North Carolina 27511

 $GLENN\,H.\,McKINLAY,C/55\,Albert\,Road,Devonport,Auckland\,0624,New\,Zealand$

GARY J. WILES, 521 Rogers St. SW, Olympia, Washington 98502

ERIC A. VANDERWERF, Pacific Rim Conservation, P.O. Box 61827, Honolulu, Hawaii 96839

MARK O'BRIEN, BirdLife International Pacific Regional Office, 10 MacGregor Road, Suva, Fiji

RON LEIDICH, Planet Blue Kayak Tours, P.O. Box 7076, Koror, Palau 96940 UMAI BASILIUS and YALAP YALAP, Palau Conservation Society, P.O. Box 1181, Koror, Palau 96940

ABSTRACT: After compiling a historical list of 158 species of birds known to occur in Palau, the Palau Bird Records Committee accepted 10 first records of new occurrences of bird species: the Common Pochard (Aythya ferina), Black-faced Spoonbill (Platalea minor), Chinese Pond Heron (Ardeola bacchus), White-breasted Waterhen (Amaurornis phoenicurus), Eurasian Curlew (Numenius arquata), Gull-billed Tern (Gelochelidon nilotica), Channel-billed Cuckoo (Scythrops novaehollandiae), Ruddy Kingfisher (Halcyon coromanda), Common Kingfisher (Alcedo atthis), and Isabelline Wheatear (Oenanthe isabellina). These additions bring Palau's total list of accepted species to 168. We report Palau's second records of the Broad-billed Sandpiper (Calidris falcinellus), Chestnut-winged Cuckoo (Clamator coromandus), Channelbilled Cuckoo, White-throated Needletail (Hirundapus caudacutus) and Oriental Reed Warbler (Acrocephalus orientalis). This report concludes with a current list of the bird species known from Palau.

This is the first report of the Palau Bird Records Committee (PBRC). Situated in the western equatorial Pacific and within the East Asian/Australasian Flyway, Palau has the richest bird diversity of any island group in Micronesia (Wiles 2005). The board of trustees of Belau National Museum established the PBRC on 8 December 2014 as a committee of the museum's National Program for Monitoring Forest and Coastal Birds. The geographic scope of the committee is all islands that are part of the Republic of Palau and the waters within 200 nautical miles of the coast of the Palau Islands. The mission of the committee is to review noteworthy reports of field observations of Palau's birds for the purpose of maintaining an authoritative Palau Islands

[†]Alan R. Olsen, a passionate birder whose dedication to chronicling Palau's birds will be forever remembered and appreciated, died suddenly and unexpectedly on 24 June 2018. His labor of love resulted in the attainment of a number of significant forest conservation milestones. Palau is much richer in knowledge for having known and considered Alan as one of our own.

bird list and building a broader understanding of the avifauna of Palau. The PBRC is the first, and so far only, bird records committee in Micronesia and the second such committee in the tropical Pacific (Hawaii has the other).

Establishment of the PBRC was motivated by the entry into force of the United Nations Convention on the Conservation of Migratory Species of Wild Animals in the Republic of Palau and the designation of the Northern Peleliu Lkes in Palau as a globally Important Bird Area and regionally (Oceania) significant site for migratory shorebirds (BirdLife International 2018). The charge to review "noteworthy" reports is purposefully flexible to permit verification of sightings of banded birds, clarification of which species are passage migrants versus winter visitors, and monitoring of other developments in Palau's sector of the East Asian/Australasian Flyway.

MEMBERSHIP AND PROCEDURES

The PBRC's membership and procedures follow bylaws established by the board of trustees of Belau National Museum. The president of the board of trustees (Otobed) is ex officio chair of the PBRC. Other committee members serve at the discretion of the board of trustees. The committee consists of a records panel, a report review panel, and an advisory group. Membership in the records panel is restricted to residents of Palau who are affiliated with Belau National Museum, Palau Conservation Society, or other local conservation organizations. Membership in the report review panel is open to resident and off-island experts in the identification of birds, especially birds that are likely to appear in Palau. Membership in the advisory group is limited to residents of Palau. The records panel (Olsen, Eberdong, and Ketebengang) receives reports of bird observations, administers the review of the reports, and maintains an up-to-date list of the birds of Palau. The report review panel (Etpison, McKinlay, O'Brien, Pratt, Wiles, and VanderWerf) reviews all reports received by the records panel, recommending acceptance or rejection of new records; reports of the occurrence (or extirpation) of a species; and other noteworthy reports. The advisory group (Leidich, Basilius, and Yalap) coordinates with organizations and initiatives that share an interest in an authoritative checklist of Palau birds. The committee's review procedures reflect Palau's traditional consensus-based decision-making process. When the report review panel reaches consensus on the acceptance or rejection of a report, its decision is forwarded through the records panel to the chair for final approval/disapproval as an official decision of the committee. The chair's approval of a new record and subsequent publication in one of the committee's reports in Western Birds or other peer-reviewed journal places that species on the official Palau Islands bird list maintained by the records panel (see Table 2).

HISTORICAL LIST OF PALAU'S BIRDS

In his monograph on the avifauna of Micronesia, Baker (1951) provided accounts of 92 species from Palau based on field observations (Baker 1948), museum specimens, and a thorough critical review of the literature from the mid- 19^{th} century, when the first collectors for European museums

visited Palau, through the mid-20th century. Baker examined 791 museum specimens from Palau representing 63 species, including 221 specimens (47 species) that he collected and 570 additional specimens in the American Museum of Natural History, Museum of Comparative Zoology at Harvard University, University of Kansas Museum of Natural History, and U.S. National Museum of Natural History (USNM). He included accounts of 17 additional species on the basis of credible identifications and collection data provided by German ornithologists from specimens in the Godeffroy Museum in Hamburg (Hartlaub 1868, Hartlaub and Finsch 1868a, 1868b, 1872, Finsch 1875) and by Japanese ornithologists from specimens in their collections (Kuroda 1922a, 1922b, Momiyama 1922, Hachisuka et al. 1942). Baker did not mention contemporary Palau specimens in the Museum of Vertebrate Zoology, University of California, Berkeley (Marshall 1951) and the Yale Peabody Museum (YPM) (Ripley 1951), though the species represented by these specimens were included in Baker's monograph on the basis of specimens in the other museums. Baker accepted 10 additional migratory species listed by Mayr (1945), mentioned Ripley's (1948) report of the Oriental Darter (Anhinga melanogaster), and included the Far Eastern Curlew Numenius madagascariensis on the basis of his own party's sightings only.

Wiles (2005) compiled an annotated checklist of 148 species for Palau that accepted 90 of the 92 species itemized by Baker (1951). Wiles purged the Scalv-breasted Munia (Lonchura punctulata) as extirpated in Palau (Pyle and Engbring 1985) and the Oriental Darter as a record of questionable accuracy. He added 58 species on the basis of a combination of field observations (Wiles and Conry 1990, Wiles et al. 2000, 2004), a full review of Baker's (1948, 1951) monographs and references, and critical reviews of reports by field ornithologists who visited or lived in Palau after Baker (Marshall 1951, Ripley 1951. Dixon and Starrett 1952. Bruyns 1964. Owen 1977a. 1977b. Pratt et al. 1980, 1987, Engbring and Owen 1981, Engbring 1983, 1988, Rauzon 1988). Wiles found three anomalous reports that he subsequently verified from museum specimens, of the Black-headed Bunting (Emberiza melanocephala; USNM 336692, Owen 1977a), Pale-vented Bush-Hen (Amaurornis moluccana; USNM 582225, Engbring and Owen 1981), and Rufous Hawk-Cuckoo (Hierococcyx hyperythrus; YPM 12390, Ripley 1951), and a report of the Rainbow Bee-eater (Merops ornatus), which he verified from the observer's field notes (J. Engbring pers. comm.). Pratt and Etpison (2008) discussed all of the species listed for Palau by Wiles (2005) with recent photos and illustrations of 129 species.

The committee's first action (tracking number P001) was to approve a historical list of 158 species of Palau birds, including 146 listed by Wiles (2005), 10 (Table 1) subsequently reported by VanderWerf et al. (2006) and Pratt et al. (2010), and two additional species of *Caprimulgus* nightjars as a result of a taxonomic revision (Gill and Donsker 2018). Two of the species from Wiles' checklist were deleted: the nightjar *Caprimulgus* indicus, as a result of its taxonomic breakup into three species, and the Asian House Martin (*Delichon dasypus*), because of the equivocal nature of the evidence (Pratt et al. 2010).

English name	Scientific name	Date	Locality	Sourcea
Glossy Ibis	Plegadis falcinellus	17 Jun 2009	Koror	Р
Gray Heron	Ardea cinerea	3 May 2005	Peleliu	V
Common Snipe	Gallinago gallinago	17 Nov 2008	Koror	Р
Red-necked	Phalaropus lobatus	10 Oct 2006	Koror	P
Phalarope				
Green Sandpiper	Tringa ochropus	Oct 2006	Koror	P
Brown Hawk-Owl	Ninox scutulata	Nov 2004	Helen Reef	P
White-throated	Hirundapus	13 Apr 2004	Peleliu	P
Needletail	caudacutus			
Oriental Reed	Acrocephalus	11 Apr 2007	Koror	P
Warbler	orientalis			
Scaly Thrush	Zoothera dauma	Jan 2006	Koror	P
Blyth's Pipit ^b	Anthus godlewskii	23 Apr 2005	Koror	V

Table 1 Species First Recorded from Palau 2004–2009.

RECORDS ACCEPTED BY THE COMMITTEE

The committee accepted 15 of the 18 reports of bird observations it received as of 31 December 2016 as first or second records for Palau, as itemized below. The data for each species include its English name, scientific name, the committee's tracking number, number of birds constituting the record, their age and/or sex if evident (figure number), inclusive dates of occurrence, locality, responsible party, and a brief summary of other relevant information. The locality "Northern Peleliu Lkes Important Bird Area" is spelled correctly. "Lkes" is Palauan for "intertidal sand flats."

Common Pochard Aythya ferina. P006. Adult male (Figure 1a), 19 Nov 2014, Melekeok (Lake Ngardok Nature Reserve), Heather Ketebengang. Pratt et al. (2010) considered prior reports of the species in Palau to be equivocal. The only other Micronesian records are from Guam and the Northern Marianas (Wiles 2005).

Black-faced Spoonbill *Platalea minor*. P003. One bird (Figure 1b), 8 Dec 2013 to 15 Mar 2014, Peleliu (Northern Peleliu Lkes Important Bird Area), Glenn McKinlay. A separate report (McKinlay 2015) described the bird in detail sufficient to distinguish it from congeners. The Black-faced Spoonbill is an endangered species (IUCN 2017) with a restricted range. It migrates from breeding grounds on the west coast of the Korean peninsula, northeastern China, and northeastern Russia to winter in southern China, Taiwan, Vietnam, and southern Japan (Gill and Donsker 2018). It has not been previously reported from Micronesia.

Chinese Pond Heron Ardeola bacchus. P010. One adult in alternate plumage (Figure 1c), 12–14 May 2014, Koror (Malakal sewage treatment plant), Glenn McKinlay. Pratt et al. (2010) reported a heron of the genus Ardeola photographed 12–23 Dec 2008 at the Koror landfill by Heather Ketebengang. Although the photos showing a bird in basic plumage were "strongly suggestive" of A. bacchus, Pratt et al. (2010) concluded that species identification was equivocal because the basic plumage of A. bacchus is indistinguishable from that of the Javan Pond Heron (A. speciosa). Wiles et al. (2000, 2004) handled earlier reports of Ardeola in basic plumage from Guam and the Northern Marianas in similar fashion. This is the first unequivocal record for

aV, VanderWerf et al. (2006); P, Pratt et al. (2010).

bIdentification corrected: see Other Committee Actions.

Table 2 Palau Islands Bird List.

Family	Genus/species ^a	English name ^a	Status ^b
Anatidae	Spatula querquedula	Garganey	M
	Mareca penelope	Eurasian Wigeon	M
	Anas superciliosa	Pacific Black Duck	R
	Anas acuta	Northern Pintail	M
	Anas crecca	Eurasian Teal	M
	Aythya ferina	Common Pochard	*
	Aythya fuligula	Tufted Duck	M
Megapodiidae	Megapodius laperouse	Micronesian Megapode	R
Phasianidae	Gallus gallus	Red Junglefowl	Ī
Hydrobatidae	Oceanodroma matsudairae	Matsudaira's Storm Petrel	P
Procellariidae	Pterodroma solandri	Providence Petrel	P
i rocellarlidae	Calonectris leucomelas	Streaked Shearwater	P
	Ardenna pacifica	Wedge-tailed Shearwater	S
	Puffinus bailloni		R
	,,	Tropical Shearwater	n P
Dl	Bulweria bulwerii	Bulwer's Petrel	-
Phaethontidae	Phaethon rubricauda	Red-tailed Tropicbird	R
771 1	Phaethon lepturus	White-tailed Tropicbird	R
Threskiornithidae	Plegadis falcinellus	Glossy Ibis	M
	Platalea minor	Black-faced Spoonbill	*
Ardeidae	Ixobrychus sinensis	Yellow Bittern	R
	Ixobrychus eurhythmus	Von Schrenck's Bittern	V
	Gorsachius goisagi	Japanese Night Heron	V
	Gorsachius melanolophus	Malayan Night Heron	V
	Nycticorax nycticorax	Black-crowned Night Heron	M
	Nycticorax caledonicus	Rufous Night Heron	R
	Butorides striata	Striated Heron	M
	Ardeola bacchus	Chinese Pond Heron	*
	Bubulcus coromandus	Eastern Cattle Egret	M
	Ardea cinerea	Gray Heron	M
	Ardea alba	Great Egret	M
	Ardea intermedia	Intermediate Egret	М
	Egretta garzetta	Little Egret	M
	Egretta sacra	Pacific Reef Heron	R
Pelecanidae	Pelecanus conspicillatus	Australian Pelican	V
	-		R
Fregatidae	Fregata minor	Great Frigatebird	S
C. J. J.	Fregata ariel	Lesser Frigatebird	S
Sulidae	Sula dactylatra	Masked Booby	
	Sula sula	Red-footed Booby	R
DI I	Sula leucogaster	Brown Booby	R
Phalacrocoracidae		Little Pied Cormorant	R
	Phalacrocorax sulcirostris	Little Black Cormorant	V
Pandionidae	Pandion haliaetus	Western Osprey	M
Accipitridae	Accipiter soloensis	Chinese Sparrowhawk	M
	Milvus migrans	Black Kite	(M)
	Haliastur indus	Brahminy Kite	(V)
	Butastur indicus	Gray-faced Buzzard	(V)
Rallidae	Rallina fasciata	Red-legged Crake	V
- Tamada	Rallina eurizonoides	Slaty-legged Crake	R
	Gallirallus philippensis	Buff-banded Rail	R
	Amaurornis moluccana	Pale-vented Bush-hen	V

(continued)

 Table 2 (continued).

Family	Genus/species ^a	English name ^a	Status
	Amaurornis phoenicurus	White-breasted Waterhen	*
	Porzana cinerea	White-browed Crake	R
	Porphyrio melanotus	Australasian Swamphen	R
	Gallinula chloropus	Common Moorhen	R
Recurvirostridae	Himantopus himantopus	Black-winged Stilt	M
Charadriidae	Erythrogonys cinctus	Red-kneed Dotterel	V
	Pluvialis fulva	Pacific Golden Plover	M
	Pluvialis squatarola	Gray Plover	M
	Charadrius hiaticula	Common Ringed Plover	M
	Charadrius dubius	Little Ringed Plover	M
	Charadrius alexandrinus	Kentish Plover	M
	Charadrius mongolus	Lesser Sand Plover	M
	Charadrius leschenaultii	Greater Sand Plover	M
	Charadrius veredus	Oriental Plover	V
Scolopacidae	Numenius phaeopus	Whimbrel	M
•	Numenius minutus	Little Curlew	M
	Numenius madagascariensis		M
	Numenius arquata	Eurasian Curlew	*
	Limosa lapponica	Bar-tailed Godwit	M
	Limosa limosa	Black-tailed Godwit	M
	Arenaria interpres	Ruddy Turnstone	M
	Calidris tenuirostris	Great Knot	M
	Calidris canutus	Red Knot	V
			•
	Calidris pugnax	Ruff	M
	Calidris falcinellus	Broad-billed Sandpiper	V
	Calidris acuminata	Sharp-tailed Sandpiper	M
	Calidris ferruginea	Curlew Sandpiper	M
	Calidris subminuta	Long-toed Stint	M
	Calidris ruficollis	Red-necked Stint	M
	Calidris alba	Sanderling	M
	Calidris alpina	Dunlin	M
	Calidris melanotos	Pectoral Sandpiper	M
	Gallinago megala	Swinhoe's Snipe	M
	Gallinago gallinago	Common Snipe	M
	Xenus cinereus	Terek Sandpiper	M
	Phalaropus lobatus	Red-necked Phalarope	V
	Actitis hypoleucos	Common Sandpiper	M
	Tringa ochropus	Green Sandpiper	V
	Tringa incana	Wandering Tattler	M
	Tringa brevipes	Gray-tailed Tattler	M
	Tringa totanus	Common Redshank	М
	Tringa stagnatilis	Marsh Sandpiper	M
	Tringa glareola	Wood Sandpiper	M
	Tringa giareoia Tringa nebularia	Common Greenshank	M
Glareolidae	Glareola maldivarum	Oriental Pratincole	M
Giareolidae Laridae	Anous stolidus	Brown Noddy	R
Lariuae		,	R
	Anous minutus	Black Noddy	
	Gygis alba	White Tern	R
	Chroicocephalus ridibundus		M
	Gelochelidon nilotica	Gull-billed Tern	
	Thalasseus bergii	Greater Crested Tern	R

(continued)

 Table 2 (continued).

Family	Genus/species ^a	English name ^a	Status ^b
	Sternula albifrons	Little Tern	M
	Onychoprion lunatus	Spectacled Tern	S
	Onychoprion anaethetus	Bridled Tern	R
	Onychoprion fuscatus	Sooty Tern	R
	Sterna sumatrana	Black-naped Tern	R
	Sterna hirundo	Common Tern	M
	Chlidonias hybrida	Whiskered Tern	M
	Chlidonias leucopterus	White-winged Tern	M
Stercorariidae	Stercorarius longicaudus	Long-tailed Jaeger	P
Columbidae	Caloenas nicobarica	Nicobar Pigeon	R
	Alopecoenas canifrons	Palau Ground Dove	R
	Ptilinopus pelewensis	Palau Fruit Dove	R
	Ducula oceanica	Micronesian Imperial	R
Cuculidae	Clamator coromandus	Pigeon Chestnut-winged Cuckoo	V
	Urodynamis taitensis	Pacific Long-tailed Cuckoo	V
	Scythrops novaehollandiae	Channel-billed Cuckoo	*
	Cacomantis variolosus	Brush Cuckoo	V
	Hierococcyx hyperythrus	Rufous Hawk-Cuckoo	v
	Cuculus optatus	Oriental Cuckoo	M
	Cuculus canorus	Common Cuckoo	V
Ctuicidoo		Palau Owl	R
Strigidae	Pyrroglaux podargina Ninox scutulata	Brown Hawk-Owl	V
C			
Caprimulgidae	Caprimulgus jotaka	Gray Nightjar	M
Δ	Caprimulgus phalaena	Palau Nightjar	R
Apodidae	Aerodramus pelewensis	Palau Swiftlet	R
0 "1	Hirundapus caudacutus	White-throated Needletail	V
Coraciidae	Eurystomus orientalis	Oriental Dollarbird	M *
Alcedinidae	Halcyon coromanda	Ruddy Kingfisher	
	Todiramphus chloris	Collared Kingfisher	R
	Todiramphus	Rusty-capped Kingfisher	R
	pelewensis		
	Alcedo atthis	Common Kingfisher	*
Meropidae	Merops ornatus	Rainbow Bee-eater	V
Falconidae	Falco peregrinus	Peregrine Falcon	(M)
Cacatuidae	Cacatua galerita	Sulphur-crested Cockatoo	I
Psittaculidae	Eclectus roratus	Eclectus Parrot	I
Meliphagidae	Myzomela rubratra	Micronesian Myzomela	R
Artamidae	Artamus leucoryn	White-breasted	R
		Woodswallow	
Campephagidae	Coracina monacha	Palau Cicadabird	R
Pachycephalidae	Pachycephala tenebrosa		R
Laniidae	Lanius cristatus	Brown Shrike	V
Rhipiduridae	Rhipidura lepida	Palau Fantail	R
Monarchidae		Palau Flycatcher	R
	Myiagra erythrops		
Hirundinidae	Hirundo rustica	Barn Swallow	M
Cettiidae	Horornis annae	Palau Bush Warbler	R
Acrocephalidae	Acrocephalus orientalis	Oriental Reed Warbler	V
Locustellidae	Locustella lanceolata	Lanceolated Warbler	V
Zosteropidae	Megazosterops	Giant White-eye	R
	palauensis		

(continued)

Table 2 (continued).

Family	Genus/species ^a	English name ^a	Status ^b
	Zosterops semperi	Citrine White-eye	R
	Zosterops finschii	Dusky White-eye	R
Sturnidae	Aplonis opaca	Micronesian Starling	R
	Agropsar philippensis	Chestnut-cheeked Starling	V
Turdidae	Zoothera dauma	Scaly Thrush	V
	Turdus obscurus	Eyebrowed Thrush	V
Muscicapidae	Muscicapa griseisticta	Gray-streaked Flycatcher	M
	Calliope calliope	Siberian Rubythroat	V
	Ficedula narcissina	Narcissus Flycatcher	V
	Monticola solitarius	Blue Rock Thrush	V
	Oenanthe isabellina	Isabelline Wheatear	*
Passeridae	Passer montanus	Eurasian Tree Sparrow	I
Estrildidae	Erythrura trichroa	Blue-faced Parrotfinch	R
	Lonchura atricapilla	Chestnut Munia	I
Motacillidae	Motacilla tschutschensis	Eastern Yellow Wagtail	M
	Motacilla cinerea	Gray Wagtail	V
	Motacilla alba	White Wagtail	V
	Anthus godlewskii	Blyth's Pipit	V
	Anthus cervinus	Red-throated Pipit	V
Emberizidae	Emberiza melanocephala	Black-headed Bunting	V

 $^{^{}a}$ Endemic species are in boldface. Scientific and English names follow Gill and Donsker (2018) except as noted in text.

Palau. A sighting of a bird in alternate plumage on Guam represents the only other confirmed record for Micronesia (Wiles et al. 1993). The Chinese Pond Heron breeds widely in China, Korea, and Japan and winters south to Sumatra and Borneo.

White-breasted Waterhen Amaurornis phoenicurus. P007. One bird (Figure 1d), 30 Oct–3 Nov 2009, Ngaremlengui (Ngermetengel hamlet), Mark Vereen. Buden and Retogral (2010) mentioned this sighting in their report of the first record for Micronesia, based on a breeding population at Woleai Atoll, Yap, Federated States of Micronesia. The committee accepted photos taken by Vereen on 1 Nov 2009 as satisfactory confirmation of the first record for Palau and the second for Micronesia. The species occurs across southern and eastern Asia east to Japan and the Moluccas.

Eurasian Curlew Numenius arquata. P013. One bird (Figures 1e, 1f), 20 Mar–12 Apr 2014, Peleliu (Northern Peleliu Lkes Important Bird Area), Glenn McKinlay. The photograph of the bird in flight (Figure 1e) shows a diagnostic white V on the rump and lower back; the other photograph (Figure 1f) shows the bird in comparison with a Far Eastern Curlew (N. madagascariensis). This is the first record for Palau. Wiles (2005) listed the Eurasian Curlew as a migrant to Guam and the Northern Marianas.

Broad-billed Sandpiper *Calidris falcinellus*. P012. Up to three birds (Figure 2a), 27 Sep–27 Oct 2015, Ngiwal (sand flats at Ngirngemelas monument), Milang Eberdong, Glenn McKinlay, Alan Olsen, and Angelina Smaserui-Olsen. The committee accepted this record on the basis of photos showing the diagnostic bill. A male specimen (USNM 384772) taken 21 Sep 1945 on Angaur Island by Baker (1948, 1951) provides the only prior record for Palau and Micronesia.

^bStatus codes follow Wiles (2005): R, resident species; M, migratory species; S, seabird occasionally sighted near shore inside Palau's barrier reef; P, pelagic species seen only on open seas outside Palau's barrier reef; V, vagrant, I, introduced. Parentheses indicate that a status code is provisional and under review. *, Species newly added to the Palau list in this report.



Figure 1. First recorded occurrences in Palau of the (a) Common Pochard (Aythya ferina), Melekeok (Lake Ngardok), 19 Nov 2014; (b) Black-faced Spoonbill (Platalea minor), Peleliu, 12 Dec 2013; (c) Chinese Pond Heron (Ardeola bacchus), Koror, 12 May 2014; (d) White-breasted Waterhen (Amaurornis phoenicurus), Ngaremlengui, 1 Nov 2009; (e) Eurasian Curlew (Numenius arquata), Peleliu, 30 Mar 2014; (f) Eurasian Curlew (right) and Far Eastern Curlew (N. madagascariensis) (left), Peleliu, 30 Mar 2014; (g) Gull-billed Tern (Gelochelidon nilotica), Koror, 14 Dec 2014; (h) Ruddy Kingfisher (Halcyon coromanda), Kayangel, 26 Sep 2011; (i) Common Kingfisher, (Alcedo atthis) Rock Islands Southern Lagoon World Heritage Site, 1 Feb 2012; (j) Isabelline Wheatear (Oenanthe isabellina), Koror, 7 Oct 2014.

Photos by Heather Ketebengang (a), Ron Leidich (i), Glenn McKinlay (b,c,e,f,g,j), Mark Vereen (d), Ality Inawo (h).

Gull-billed Tern Gelochelidon nilotica. P011. One bird (Figure 1g), 14 Dec 2014, Peleliu (Northern Peleliu Lkes Important Bird Area), Glenn McKinlay. The bird's adult basic plumage (with no signs of breeding plumage in December) and bill shape (with prominent gonydeal angle) point to the southeast Asian subspecies G. n. affinis rather than the Australian G. n. macrotarsa. This is the first record for Palau. Wiles (2005) listed this species as vagrant to Guam.

Chestnut-winged Cuckoo Clamator coromandus. P018. One bird (Figure 2b), 1 Mar 2013, Kayangel, Vivian Eledui. Photos of the bird in hand show the distinctive black upperparts and crest, white hind collar, rufous wings and throat, and white underparts. The only previous record for Palau is of a specimen (USNM 526212) collected 4 Jun 1967 in Koror (Owen 1977a) and verified by C. Milensky (pers. comm.) as a Chestnut-winged Cuckoo. The species is widespread in south and southeast Asia and migratory at least in China.



Figure 2. Second recorded occurrences in Palau of the (a) Broad-billed Sandpiper (Calidris falcinellus), Ngiwal, 27 Oct 2015; (b) Chestnut-winged Cuckoo (Clamator coromandus), Kayangel, 1 March 2013; (c) Channel-billed Cuckoo (Scythrops novaehollandiae), Angaur, 3 Nov 2013; (d) White-throated Needletail (Hirundapus caudacutus), Kayangel, 21 Oct 2015; (e) Oriental Reed Warbler (Acrocephalus orientalis), Koror, 10 Dec 2013.

Photos by Alan Olsen (a), Vivian Eledui (b), Joel Miles (c), Heather Ketebengang (d), Glenn McKinlay (e).

Channel-billed Cuckoo Scythrops novaehollandiae P005a. One bird, 14 Jul 2011, Koror, Heather Ketebengang. The committee accepted this first record on the basis of Ketebengang's photo and description of the bird's distinctive morphology. The committee also accepted a second record (P005b) supported by a higher-quality photo (Figure 2c) of an immature bird with a diagnostic massive bill, red eye, buff areas on the wing and underparts, and a long tail with black and white tip, found on Angaur by Joel Miles, 3 Nov 2013. This Australasian species, migratory in the southern part of its range, has not been previously reported from Micronesia.

White-throated Needletail *Hirundapus caudacutus*. P017. One bird (Figure 2d), 21 Oct 2015, Kayangel, Heather Ketebengang. Photos of the bird in flight show a

diagnostic combination of white chin, dark underbody, and white undertail. The only previous record for Palau was of four birds sighted on 13 Apr 2004 on Bloody Nose Ridge, Peleliu (Pratt et al. 2010; Table 1).

Ruddy Kingfisher *Halcyon coromanda*. P008. Two birds (Figure 1h), 26 Sep 2011, Kayangel, Ality Inawo. The photos clearly show the ruddy plumage with a diagnostic blue dorsal streak. This species has not been previously reported from Micronesia. Its patchy distribution includes breeding in Japan and Korea and wintering in the Philippines.

Common Kingfisher *Alcedo atthis*. P004. One bird (Figure 1i), 1 Feb 2012, Koror (Rock Islands Southern Lagoon World Heritage Site), Ron Leidich. The photo shows the characteristic white chin and facial marks, reddish brown underparts, and bright blue dorsum. This is the first unequivocal record of this species from Palau. A sighting on Guam is the only other record for Micronesia (Wiles et al. 1993). The migratory subspecies *bengalensis* breeds as far east as the Kuril Islands and winters regularly east to the Philippines and Moluccas; resident subspecies occur as far east as the Solomon Islands.

Oriental Reed Warbler Acrocephalus orientalis. P014. Two birds (Figure 2e), 9 Dec 2013 to 18 Mar 2014, Koror (Malakal sewage treatment plant), Glenn McKinlay. The committee accepted this record on the basis of photos showing a plain warbler with a combination of bill, body, and tail proportions and body plumage typical of the Oriental Reed Warbler. A white supercilium and dark eye stripe, both distinctly extending well behind the eye, and white-tipped tail feathers, distinguish the bird from congeners in its range. McKinlay further informed the committee that the bird's call recorded on video matched that of the Oriental Reed Warbler, including a sharp harsh single "chkt," rapid sequences "cht-cht-cht," and longer warbling sequences. The only other record of this species for Palau is of a pair of birds photographed at the same location on 11 Apr 2007 (Pratt et al. 2010; Table 1). The Oriental Reed Warbler breeds from central China northeast to Sakhalin and winters in southeast Asia east regularly to the Philippines and Moluccas, rarely to New Guinea.

Isabelline Wheatear *Oenanthe isabellina*. P009. One bird (Figure 1j), 7 Oct 2014, Koror (Malakal sewage treatment plant), Glenn McKinlay. The photos show several diagnostic features, including a black alula that contrasts with the rest of the wing, wings not contrasting with the back, and an eyebrow white in front of the eye. This species has not been previously reported from Micronesia. Its normal range is central Asia to Arabia and north Africa, with vagrants recorded as far east as Australia, Japan, and the Korean peninsula (Shimba 2007, Christidis and Boles 2008, Gill and Donsker 2018).

OTHER COMMITTEE ACTIONS

The committee reviewed three additional items.

Chinese Sparrowhawk Accipiter soloensis. P016. One bird, 17 Sep 2015, Kayangel, Ality Inawo. The committee accepted this report as a valid but not particularly unusual observation because we consider this species the raptor that visits Palau most frequently (Wiles et al. 2000, Pratt and Etpison 2008). Because of uncertainty concerning the status of various raptors as migrant or vagrant in Palau (cf. Wiles 2005, Pratt and Etpison 2008), the committee reviews all reports of raptors to help clarify the status of each species.

Latham's Snipe Gallinago hardwickii. P015. This report of a possible first record was placed in abeyance pending receipt of additional information. Photos reviewed by the committee were inconclusive with regard to identification characteristics, especially

the number and shapes of the rectrices, which help distinguish *G. hardwickii* from other species of *Gallinago* known to occur in Palau.

Blyth's Pipit Anthus godlewskii. P002. One bird, 23 Apr 2005, Koror (Malakal sewage treatment plant), originally reported as Richard's Pipit (A. richardi; Vander-Werf et al. 2006). The original photos were re-examined by Lees and Vander-Werf (2011) and the identification was corrected to A. godlewskii. This correction is reflected in Tables 1 and 2.

THE PALAU ISLANDS BIRD LIST

As of December 2016, a total of 168 species are known to have occurred in Palau (Table 2): 158 species from the historical list and 10 new species accepted by the committee. Table 2 represents the official Palau Islands bird list of the PBRC. English and scientific names follow Gill and Donsker (2018) except the English name Rufous Night Heron is applied to *Nycticorax caledonicus* to reflect local usage for the resident subspecies *N. c. pelewensis*, and the spelling of the species name of the White-breasted Woodswallow is emended from *Artamus leucorynchus* to *A. leucocoryn* to be consistent with article 32.5.1 of the International Code of Zoological Nomenclature (David and Dickinson 2014).

ACKNOWLEDGMENTS

We are grateful for the support of the Belau National Museum and the Palau Conservation Society and for funding from the Marisla Foundation via the Global Greengrants Fund, Global Environment Facility Small Grants Program through UNDP, and Global Environment Facility Palau STAR Project through UN Environment (UNEP). We thank Daniel D. Gibson, Gary Rosenberg, and Kimball Garrett for their helpful in-depth reviews of our manuscript, Christopher Milensky of the U.S. National Museum of Natural History for assistance with the confirmation of the Chestnut-winged Cuckoo specimen, David Ramarui for organizing the database for this report, and the citizen scientists who contributed their observations and photos: Vivian Eledui, Ality Inawo, Joel Miles, Angelina Smaserui-Olsen and Mark Vereen. The PBRC welcomes noteworthy reports of bird observations sent to palaubirdrecords@gmail.com.

LITERATURE CITED

- Baker, R. H. 1948. Report of collections of birds made by United States Naval Medical Research Unit No. 2 in the Pacific war area. Smithson. Misc. Coll. 107:1–74.
- Baker, R. H. 1951. The avifauna of Micronesia, its origin, evolution and distribution. Univ. Kansas Publ., Mus. Nat. Hist. 3:1–359.
- BirdLife International. 2018. Important Bird Areas factsheet: Northern Peleliu Lkes (sandflats); www.birdlife.org (5 Jun 2018).
- Bruyns, W. F. J. M. 1964. Birds seen during west to east trans-Pacific crossing along equatorial counter-current around latitude 7° N. in the autumn of 1960. Sea Swallow 17:57–66.
- Buden, D. W., and Retogral, S. 2010. Range expansion of the White-breasted Waterhen (Amaurornis phoenicurus) into Micronesia. Wilson J. Ornithol. 122:784–788.
- Christidis, L., and Boles, W. E. 2008. Systematics and Taxonomy of Australian Birds. CSIRO Publishing, Collingwood, Victoria, Australia.
- David, N., and Dickinson, E. C. 2014. Appendix 8: Changes in the spellings of scientific names, in The Howard & Moore Complete Checklist of the Birds of the

- World (E. C. Dickinson and J. V. Remsen, eds.), vol. 2. Aves Press, Eastbourne, England.
- Dixon, K. L., and Starrett, W. C. 1952. Offshore observations of tropical sea birds in the western Pacific. Auk 69:266–272.
- Engbring, J. 1983. Avifauna of the southwest islands of Palau. Atoll Res. Bull. 267.
 Engbring, J. 1988. Field Guide to the Birds of Palau. Conservation Office, Koror,
 Palau.
- Engbring, J., and Owen, R. P. 1981. New bird records for Micronesia. Micronesica 17:186–192.
- Finsch, O. 1875. Zur ornithologie der Süsee-Inseln. I. Die Vögel der Palau-Gruppe. J. Mus. Godeffroy 8:133–183.
- Gill, F., and Donsker, D. (eds). 2018. IOC world bird list, version 8.1; www.world-birdnames.org (1 Mar 2018).
- Hachisuka, M. U., Kuroda, N., Takatsukasa, N., Uchida, S., and Yamashina, Y. 1942.
 A Hand-list of Japanese Birds, rev. ed. Ornithol. Soc. Japan, Tokyo.
- Hartlaub, G. 1868. On a collection of birds from some lesser-known localities in the western Pacific. Proc. Zool. Soc. London for 1867, pp. 828–832.
- Hartlaub, G., and Finsch, O. 1868a. On a collection of birds from the Pelew Islands. Proc. Zool. Soc. London for 1868, pp. 4–9.
- Hartlaub, G., and Finsch, O. 1868b. Additional notes on the ornithology of the Pelew Islands. Proc. Zool. Soc. London for 1868, pp. 116–118.
- Hartlaub, G., and Finsch, O. 1872. On a fourth collection of birds from the Pelew and Mackenzie Islands. Proc. Zool. Soc. London for 1872, pp. 87–114.
- IUCN. 2017. The IUCN Red List of threatened species, version 2017-3; www. iucnredlist.org (7 Mar 2018).
- Kuroda, N. 1922a. Descriptions of two new forms of birds from Pelew Islands, in Birds of Micronesia (T. Momiyama, ed.), part I, pp. 25–30. Ornithol. Soc. Japan, Tokyo.
- Kuroda, N. 1922b. A list of the birds of Micronesia Group, exclusive of Magalhaes, Gilbert and Ellis islands, in Birds of Micronesia (T. Momiyama, ed.), part I, pp. 31–78. Ornithol. Soc. Japan, Tokyo.
- Lees, A. C., and VanderWerf, E. A. 2011. First record of Blyth's Pipit, *Anthus godlewskii*, for Micronesia. Bull. Br. Ornithol. Club 131:121–216.
- Marshall, J. T. 1951. The endemic avifauna of Saipan, Tinian, Guam and Palau. Condor 51:200-221.
- Mayr, E. 1945. Birds of the Southwest Pacific. MacMillan, New York.
- McKinlay, G. 2015. First record of Black-faced Spoonbill *Platalea minor* for Palau: An identification challenge. BirdingASIA 23:135–136.
- Momiyama, T. (ed). 1922. Birds of Micronesia, part I. Ornithol. Soc. Japan, Tokyo. Owen, R. P. 1977a. New bird records for Micronesia and major island groups in Micronesia. Micronesica 13:57–63.
- Owen, R. P. 1977b. A checklist of the birds of Micronesia. Micronesica 13:65-81.
- Pratt, H. D., and Etpison, M. T. 2008. Birds and Bats of Palau. Mutual Publ., Honolulu.
 Pratt, H. D., Engbring, J., Bruner, P. L., and Berrett, D. G. 1980. Notes on the taxonomy, natural history, and status of the resident birds of Palau. Condor 82:117–131.
- Pratt, H. D., Bruner, P. L., and Berrett, D. G. 1987. A Field Guide to the Birds of Hawaii and the Tropical Pacific. Princeton Univ. Press, Princeton, NJ.
- Pratt, H. D., Falanruw, M., Etpison, M. T., Olsen, A., Buden, D. W., Clements, P., Gupta, A., Ketebengang, H., Yalap, Y., Herter, D. R., Klauber, D., Pisano, P., Vice, D. S., and Wiles, G. J. 2010. Noteworthy bird observations from the Caroline and Marshall Islands 1988–2009, including five new records for Micronesia. W. Birds 41:70–101.

- Pyle, P., and Engbring, J. 1985. Checklist of the birds of Micronesia. 'Elepaio 46:57–68.
- Rauzon, M. J. 1988. Red-kneed Dotterel in Belau: First record for Micronesia. 'Elepaio 48:56–57.
- Ripley, S. D. 1948. First record of Anhingidae in Micronesia. Auk 65:454-455.
- Ripley, S. D. 1951. Migrants and introduced species in the Palau Archipelago. Condor 53:299–300.
- Shimba, T. 2007. A Photographic Guide to the Birds of Japan and North-east Asia. Yale Univ. Press, New Haven, CT.
- VanderWerf, E. A., Wiles, G. J., Marshall, A. P., and Knecht, M. 2006. Observations of migrants and other birds in Palau, April–May 2006, including the first Micronesian record of a Richard's Pipit. Micronesica 39:11–29.
- Wiles, G. J. 2005. A checklist of the birds and mammals of Micronesia. Micronesica 38:141–189.
- Wiles, G. J., and Conry, P. J. 1990. Terrestrial vertebrates of the Ngerukewid Islands wildlife preserve. Micronesica 23:41–66.
- Wiles, G. J., Beck, R. E. Jr., Aguon, C. F., and Orcutt, K. D. 1993. Recent bird records for the southern Mariana Islands, with notes on a colony of Black Noddies on Cocos Island, Guam. Micronesica 26:199–215.
- Wiles, G. J., Worthington, D. J., Beck, R. F., Pratt, H. D., Aguon, C. F., and Pyle, R. L. 2000. Noteworthy bird records for Micronesia, with a summary of raptor sightings in the Mariana Islands, 1988–1999. Micronesica 32:257–284.
- Wiles, G. J., Johnson, N. C., de Cruz, J. B., Dutson, G., Camacho, V. A., Kepler, A. K., Vice, D. S., Garrett, K. L., Kessler, C. C., and Pratt, H. D. 2004. New and noteworthy bird records for Micronesia, 1986–2003. Micronesica 37:69–96.

Accepted 5 June 2018