

Annex C – Data on wild birds

Annex to:

EFSA (European Food Safety Authority), ECDC (European Centre for Disease Prevention and Control), EURL (European Reference Laboratory for Avian Influenza), Adlhoch C, Fusaro A, Gonzales JL, Kuiken T, Marangon S, Niqueux É, Staubach C, Terregino C, Aznar I, Muñoz Guajardo I and Baldinelli F, 2023. **Avian influenza overview September – December 2022**. EFSA Journal 2023;21(1):7786, 63 pp. <https://doi.org/10.2903/j.efsa.2023.7786>

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Table C.1: Highly pathogenic avian influenza virus detections in wild birds by species category in 2022

Wild bird category	Number of HPAI virus detections – 2022		
	11 June to 9 September 2022	10 September to 2 December 2022	Total
Other wild bird species	100	73	173
Raptors	34	60	94
Colony-breeding seabird species	581	109	690
Waterfowl	129	371	500
Total	844	613	1,457

Source: ADIS and WOAHA WAHIS (data extraction carried out on 2 December 2022)

Table C.2: Highly pathogenic avian influenza virus detections in wild birds by species category in 2021

Wild bird category	Number of HPAI virus detections – 2021		
	11 June to 9 September 2021	10 September to 2 December 2021	Total
Other wild bird species	5	63	68
Raptors	7	55	62
Colony-breeding seabird species	10	72	82
Waterfowl	29	479	508
Total	51	669	720

Source: ADIS and WOAHA WAHIS (data extraction carried out on 2 December 2022)

Table C.3: Highly pathogenic avian influenza notifications in wild birds in Europe from 10 September to 2 December 2022. On one single reported detection of HPAI in wild birds, more than one bird might be involved.

Category of the wild bird species	Wild bird species	Number of HPAI virus detections
Other wild species (82 detections in at least 24 species)	Common Pheasant (<i>Phasianus colchicus</i>)	23
	Grey Heron (<i>Ardea cinerea</i>)	10
	Pheasants and allies	5
	Rock Dove (<i>Columba livia</i>)	4
	White Stork (<i>Ciconia ciconia</i>)	4
	Common Raven (<i>Corvus corax</i>)	3
	Common Woodpigeon (<i>Columba palumbus</i>)	3

	Great White Egret (<i>Ardea alba</i>)	3
	Greater Flamingo (<i>Phoenicopterus roseus</i>)	3
	Charadriidae	2
	Eurasian Collared-dove (<i>Streptopelia decaocto</i>)	2
	Eurasian Curlew (<i>Numenius arquata</i>)	2
	Ardeidae	1
	Common Crane (<i>Grus grus</i>)	1
	Common Moorhen (<i>Gallinula chloropus</i>)	1
	Corvids, Jays and Magpies	1
	Eurasian jackdaw (<i>Corvus monedula</i>)	1
	Eurasian Oystercatcher (<i>Haematopus ostralegus</i>)	1
	Eurasian Spoonbill (<i>Platalea leucorodia</i>)	1
	Glossy Ibis (<i>Plegadis falcinellus</i>)	1
	Great Crested Grebe (<i>Podiceps cristatus</i>)	1
	Great Spotted Woodpecker (<i>Dendrocopos major</i>)	1
	Grey Plover (<i>Pluvialis squatarola</i>)	1
	Guinea-fowl	1
	Little Grebe (<i>Tachybaptus ruficollis</i>)	1
	Little Egret (<i>Egretta garzetta</i>)	1
	Rook (<i>Corvus frugilegus</i>)	1
	Sanderling (<i>Calidris alba</i>)	1
	Unknown species	2
Raptor (65 detections in at least 12 species)	Eurasian Buzzard (<i>Buteo buteo</i>)	29
	Peregrine Falcon (<i>Falco peregrinus</i>)	11
	Eurasian Sparrowhawk (<i>Accipiter nisus</i>)	6
	Kites, Hawks and Eagles (Accipitridae)	3
	Tawny Owl (<i>Strix aluco</i>)	3
	White-tailed eagle (<i>Haliaeetus albicilla</i>)	3
	Common Kestrel (<i>Falco tinnunculus</i>)	2
	Red Kite (<i>Milvus milvus</i>)	2
	Gyr Falcon (<i>Falco rusticolus</i>)	1
	Hen Harrier (<i>Circus cyaneus</i>)	1
	Northern Long-eared Owl (<i>Asio otus</i>)	1
	Osprey (<i>Pandion haliaetus</i>)	1
	True owls (Strigidae)	1
	Common Barn-owl (<i>Tyto alba</i>)	1
Sea birds breeding on colonies (117 detections in at least 10 species)	Northern Gannet (<i>Morus bassanus</i>)	61
	European Herring Gull (<i>Larus argentatus</i>)	14
	Black-headed Gull (<i>Larus ridibundus</i>)	11
	Great Black-backed Gull (<i>Larus marinus</i>)	11
	Gulls, Terns and Skimmers	9
	Great Skua (<i>Catharacta skua</i>)	2
	Lesser Black-backed Gull (<i>Larus fuscus</i>)	2
	Sulidae	2
	Yellow-legged Gull (<i>Larus michahellis</i>)	2
	Common Murre (<i>Uria aalge</i>)	1
	Great Cormorant (<i>Phalacrocorax carbo</i>)	1

	Northern Fulmar (<i>Fulmarus glacialis</i>)	1
Waterfowl (407 detections in at least 18 species)	Mute Swan (<i>Cygnus olor</i>)	117
	Greylag Goose (<i>Anser anser</i>)	83
	Canada Goose (<i>Branta canadensis</i>)	60
	Duck	55
	Mallard (<i>Anas platyrhynchos</i>)	42
	Common Teal (<i>Anas crecca</i>)	14
	Barnacle Goose (<i>Branta leucopsis</i>)	9
	Eurasian Wigeon (<i>Anas penelope</i>)	5
	Common Shelduck (<i>Tadorna tadorna</i>)	4
	Pink-footed Goose (<i>Anser brachyrhynchus</i>)	4
	Cygnus (<i>Cygnus spp.</i>)	3
	Northern Pintail (<i>Anas acuta</i>)	2
	Whooper Swan (<i>cygnus cygnus</i>)	2
	Brent Goose (<i>Branta bernicla</i>)	1
	Bufflehead (<i>Bucephala albeola</i>)	1
	Common Goldeneye (<i>Bucephala clangula</i>)	1
	Greater White-fronted Goose (<i>Anser albifrons</i>)	1
	Muscovy duck (<i>Cairina moschata</i>)	1
	Nene (<i>Branta sandvicensis</i>)	1
	Red-breasted Goose (<i>Branta ruficollis</i>)	1

Source: ADIS and WOAHA WAHIS (data extraction carried out on 2 December 2022)

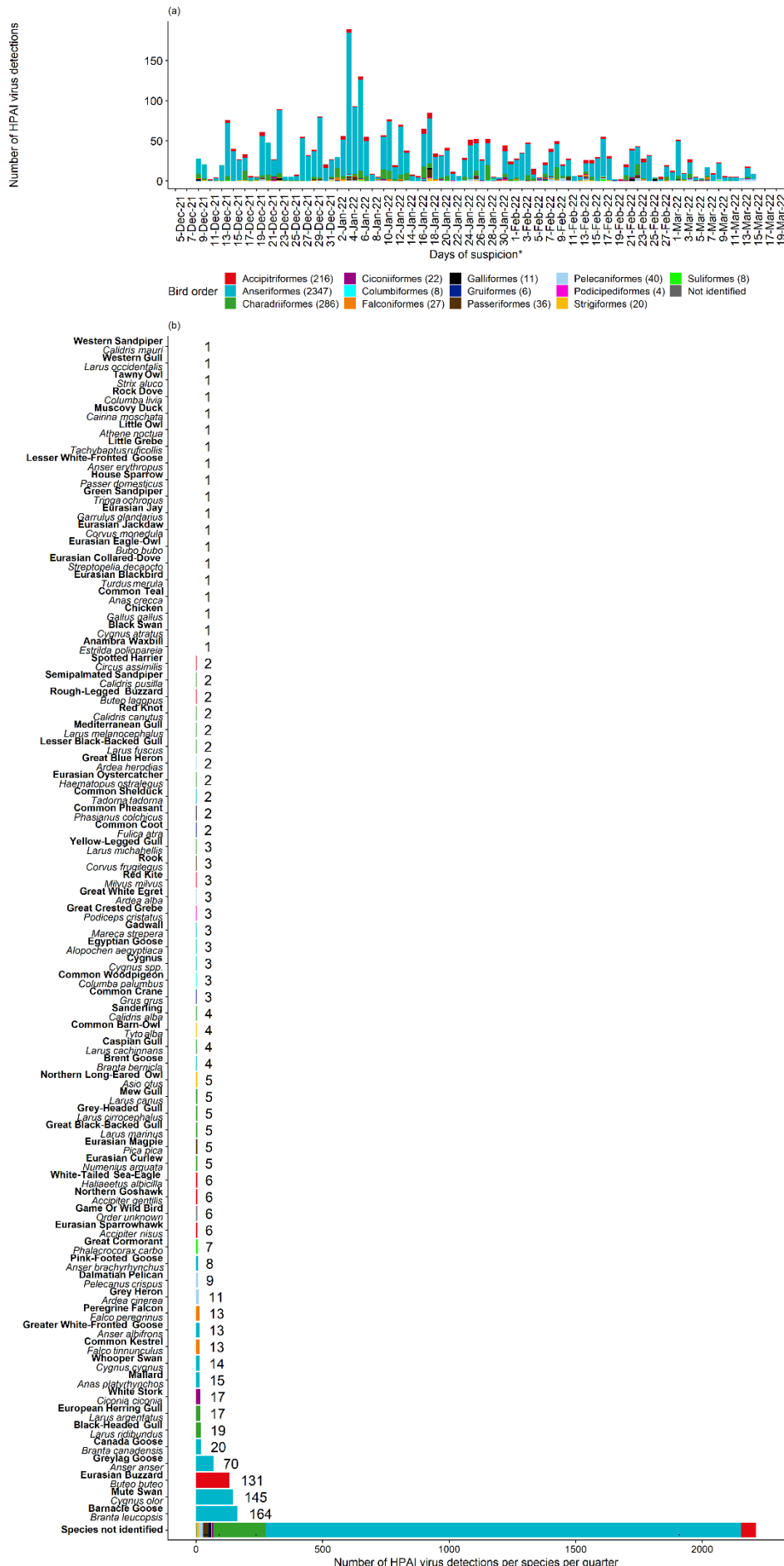
Table C.4: Highly pathogenic avian influenza notifications in wild birds in Europe from 11 June to 9 September 2022. On one single reported detection of HPAI in wild birds, more than one bird might be involved.

Category of the wild bird species	Wild bird species	Number of HPAI virus detections
Other wild species (112 detections in at least 15 species)	Passeridae	48
	White Stork (<i>Ciconia ciconia</i>)	12
	Eurasian Spoonbill (<i>Platalea leucorodia</i>)	6
	Pheasants and allies	6
	Charadriidae	3
	Common Raven (<i>Corvus corax</i>)	3
	Ciconiidae	2
	Grey heron (<i>Ardea cinerea</i>)	2
	Little egret (<i>Egretta garzetta</i>)	2
	Rock Dove (<i>Columba livia</i>)	2
	Western grebe (<i>Aechmophorus occidentalis</i>)	2
	Common moorhen (<i>Gallinula chloropus</i>)	1
	Common woodpigeon (<i>Columba palumbus</i>)	1
	Common pheasant (<i>Phasianus colchicus</i>)	3
	Crowned cormorant (<i>Microcarbo coronatus</i>)	1
	Eurasian curlew	1
	Eurasian oystercatcher (<i>Haematopus ostralegus</i>)	1
	Great Crested Grebe (<i>Podiceps cristatus</i>)	

	Great White Egret (<i>Ardea alba</i>)	
	Green sandpiper (<i>Tringa ochropus</i>)	1
	Ibises and spoonbills	
	Pied avocet (<i>Recurvirostra avosetta</i>)	1
	Whimbrel (<i>Numenius phaeopus</i>)	1
	Unknown wild bird species	17
Raptor (43 detections in at least 13 species)	Peregrine falcon (<i>Falco peregrinus</i>)	12
	White-tailed eagle (<i>Haliaeetus albicilla</i>)	10
	Eurasian buzzard (<i>Buteo buteo</i>)	6
	Northern goshawk (<i>Accipiter gentilis</i>)	3
	Hen harrier (<i>Circus cyaneus</i>)	2
	Little owl (<i>Athene noctua</i>)	2
	Bald eagle (<i>Haliaeetus leucocephalus</i>)	1
	Eurasian eagle-owl (<i>Bubo bubo</i>)	1
	Eurasian sparrowhawk (<i>Accipiter nisus</i>)	1
	Golden eagle (<i>Aquila chrysaetos</i>)	1
	Griffon Vulture ()	1
	Kites, hawks and eagles (<i>Accipitridae</i>)	1
	Lanner falcon (<i>Falco biarmicus</i>)	1
	Montagu's Harrier (<i>Circus pygargus</i>)	1
Sea birds breeding on colonies (626 detections in at least 28 species)	Northern gannet (<i>Morus bassanus</i>)	218
	European herring gull (<i>Larus argentatus</i>)	115
	Gulls, terns and skimmers (<i>Laridae</i>)	91
	Sulidae	41
	Common murre (<i>Uria aalge</i>)	23
	Sandwich tern (<i>Thalasseus sandvicensis</i>)	24
	Black-headed gull (<i>Larus ridibundus</i>)	21
	Common tern (<i>Sterna hirundo</i>)	20
	Great black-backed gull (<i>Larus marinus</i>)	9
	Grey-headed gull (<i>Larus cirrocephalus</i>)	11
	Great cormorant (<i>Phalacrocorax carbo</i>)	7
	Great skua (<i>Catharacta skua</i>)	7
	Razorbill (<i>Alca torda</i>)	5
	Black guillemot (<i>Cephus grylle</i>)	4
	Pelecanidae	4
	Arctic tern (<i>Sterna paradisaea</i>)	3
	Black-legged kittiwake (<i>Rissa tridactyla</i>)	3
	Atlantic puffin (<i>Fratercula arctica</i>)	2
	Auk (<i>Alcidae</i>)	2
	Mediterranean gull (<i>Larus melanocephalus</i>)	2
	Northern fulmar (<i>Fulmarus glacialis</i>)	2
	Silver gull (<i>Chroicocephalus novaehollandiae</i>)	2
	Caspian gull (<i>Larus cachinnans</i>)	1
	Crowned cormorant (<i>Microcarbo coronatus</i>)	1
	Glaucous gull (<i>Larus hyperboreus</i>)	1
	Lesser black-backed gull (<i>Larus fuscus</i>)	3
	Little auk (<i>Alle alle</i>)	1
	Manx shearwater (<i>Puffinus puffinus</i>)	1
	Mew gull (<i>Larus canus</i>)	1

Waterfowl (146 detections in at least 11 species)	Ring-billed gull (<i>Larus delawarensis</i>)	1
	Yellow-legged gull (<i>Larus michahellis</i>)	1
	Greylag goose (<i>Anser anser</i>)	41
	Mute swan (<i>Cygnus olor</i>)	30
	Duck (<i>Anatidae</i>)	22
	Canada goose (<i>Branta canadensis</i>)	17
	Mallard (<i>Anas platyrhynchos</i>)	18
	Barnacle goose (<i>Branta leucopsis</i>)	5
	Common eider (<i>Somateria mollissima</i>)	5
	Common shelduck (<i>Tadorna tadorna</i>)	2
	Ferruginous duck (<i>Aythya nyroca</i>)	1
	Tufted duck (<i>Aythya fuligula</i>)	2
	Common teal (<i>Anas crecca</i>)	2
	Northern shoveler (<i>Spatula clypeata</i>)	1

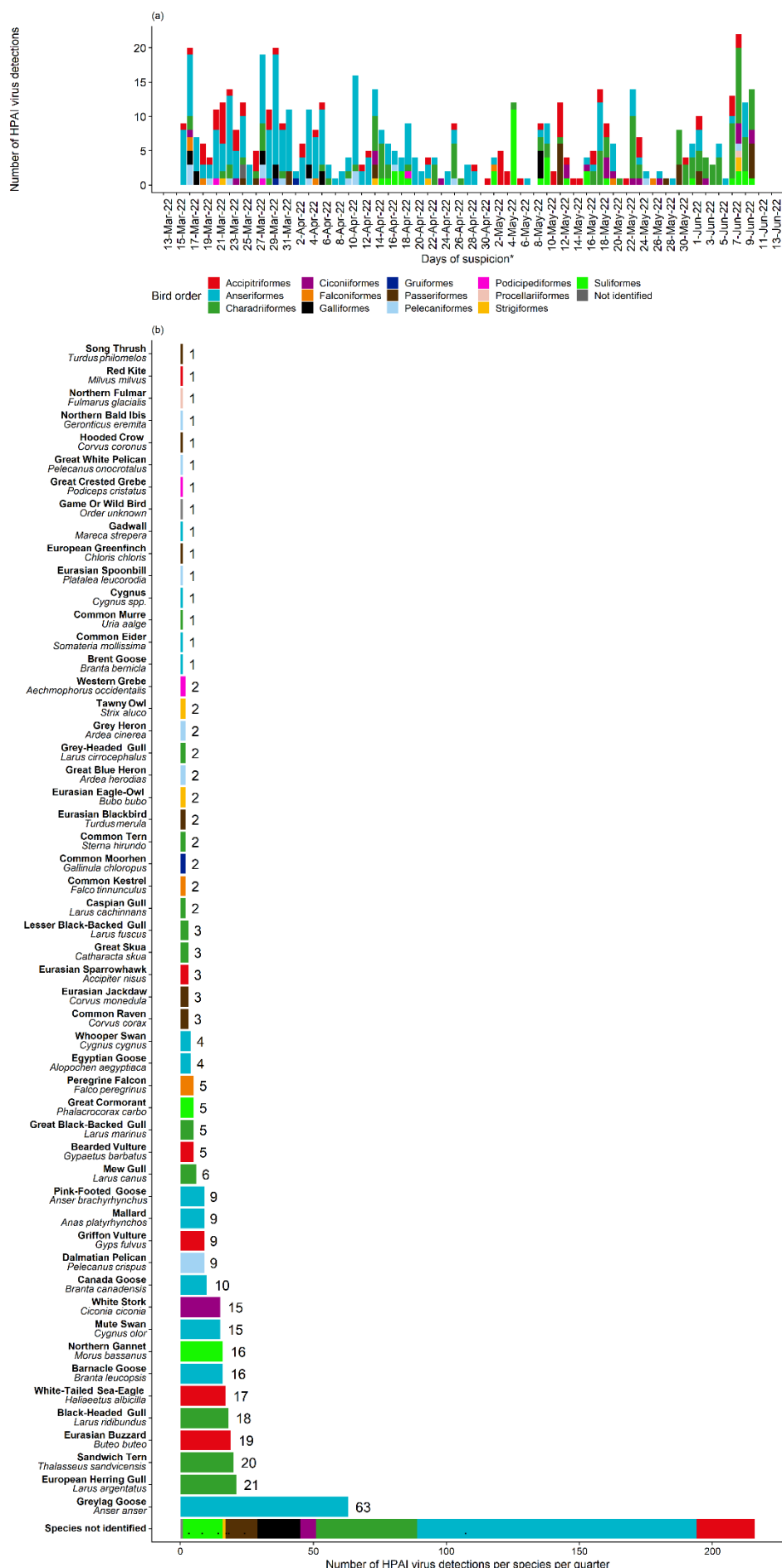
Source: ADIS and WOA/WAHIS (data extraction carried out on 2 December 2022)



Source: EFSA, ADIS and WOA (data extraction carried on 2 December 2022).

Note that in one single reported detection of HPAI in wild birds more than one bird might be involved

Figure C.1: Number of reported detections of highly pathogenic avian influenza virus A(H5) in wild birds by (A) bird order and week of suspicion and (B) wild bird species in the EU/EEA and United Kingdom, from 9 December 2021 to 15 March 2022

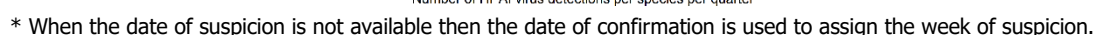


* When the date of suspicion is not available then the date of confirmation is used to assign the week of suspicion.

Source: EFSA, ADIS and WOAH (data extraction carried on 2 December 2022).

Note that in one single reported detection of HPAI in wild birds more than one bird might be involved

Figure C.2: Number of reported detections of highly pathogenic avian influenza virus A(H5) in wild birds by (A) bird order and week of suspicion and (B) wild bird species in the EU/EEA and United Kingdom, from 16 March to 10 June 2022



Source: EFSA, ADIS and WOAH (data extraction carried on 2 December 2022).

Note that in one single reported detection of HPAI in wild birds more than one bird might be involved

Figure C.3: Number of reported detections of highly pathogenic avian influenza virus A(H5) in wild birds by (A) bird order and week of suspicion and (B) wild bird species in the EU/EEA and United Kingdom, from 10 June to 9 September 2022