

APPENDIX F: FAUNA SPECIES LISTS

BIRD LIST

Appendix Key: # = introduced species (E) = listed as Endangered in NSW.
 (C) = listed as CAMBA species (V) = listed as Vulnerable in NSW.
 (J) = listed as JAMBA species

Data Source: 1 = Records from the Atlas of NSW Wildlife (NSW NPWS database)
 2 = Records from additional studies/reports for Hexham Swamp
 3 = Records from studies of areas adjacent to Hexham Swamp
 4 = Records from WBM survey of Hexham Swamp

Family Name	Genus and Species Name	Common Name	Data Source			
			1	2	3	4
Megapodiidae (megapodes)	<i>Megapodius reinwardt</i>	Orange-footed Scrubfowl				
	<i>Alectura lathamii</i>	Australian Brush-turkey			✓	
Phasianidae (Pheasants and allies)	<i>Coturnix ypsilophora</i>	Brown Quail		✓	✓	
	<i>Anseranas semipalmata</i>	Magpie Goose (V)	✓	✓	✓	
Anatidae (Swans, Geese and Ducks)	<i>Dendrocygna eytoni</i>	Plumed Whistling-Duck		✓	✓	
	<i>Dendrocygna arcuata</i>	Wandering Whistling-Duck	✓	✓	✓	
	<i>Oxyura australis</i>	Blue-billed Duck (V)	✓		✓	
	<i>Biziura lobata</i>	Musk Duck		✓	✓	
	<i>Stictonetta naevosa</i>	Freckled Duck (V)	✓	✓	✓	
	<i>Cygnus atratus</i>	Black Swan	✓	✓	✓	✓
	<i>Tadorna tadmornides</i>	Australian Shelduck	✓			
	<i>Chenonetta jubata</i>	Australian Wood Duck	✓	✓	✓	✓
	<i>Anas platyrhynchos</i>	Mallard			✓	✓
	<i>Anas superciliosa</i>	Pacific Black Duck	✓	✓	✓	✓
	<i>Anas rhynchotis</i>	Australasian Shoveler	✓	✓	✓	
	<i>Anas gracilis</i>	Grey Teal	✓	✓	✓	✓
	<i>Anas castanea</i>	Chestnut Teal	✓	✓	✓	✓
	<i>Anas querquedula</i>	Garganey (C,J)	✓			
	Podicipedidae (Grebes)	<i>Malacorhynchus membranaceus</i>	Pink-eared Duck	✓	✓	✓
<i>Aythya australis</i>		Hardhead	✓	✓	✓	
Procellariidae (Petrels and Shearwaters)	<i>Tachybaptus novaehollandiae</i>	Australasian Grebe	✓	✓	✓	✓
	<i>Poliocephalus poliocephalus</i>	Hoary-headed Grebe	✓	✓	✓	
	<i>Podiceps cristatus</i>	Great Crested Grebe			✓	
Sulidae (Boobies and Gannets)	<i>Puffinus pacificus</i>	Wedge-tailed Shearwater (J)	✓			
Anhingidae (Darters)	<i>Morus serrator</i>	Australasian Gannet			✓	
Phalacrocoracidae (Cormorants)	<i>Anhinga melanogaster</i>	Darter	✓	✓	✓	✓
	<i>Phalacrocorax melanoleucos</i>	Little Pied Cormorant	✓	✓	✓	✓
	<i>Phalacrocorax varius</i>	Pied Cormorant		✓	✓	✓
	<i>Phalacrocorax sulcirostris</i>	Little Black Cormorant		✓	✓	✓
Pelecanide (Pelicans)	<i>Phalacrocorax carbo</i>	Great Cormorant	✓	✓	✓	✓
	<i>Pelecanus conspicillatus</i>	Australian Pelican	✓	✓	✓	✓
Ardeidae (herons, Bitterns and Egrets)	<i>Egretta novaehollandiae</i>	White-faced Heron	✓	✓		✓

Family Name	Genus and Species Name	Common Name	Data Source			
			1	2	3	4
	<i>Egretta garzetta</i>	Little Egret	✓	✓		✓
	<i>Ardea pacifica</i>	White-necked Heron		✓	✓	
	<i>Ardea alba</i>	Great Egret (C,J)	✓	✓	✓	✓
	<i>Ardea intermedia</i>	Intermediate Egret	✓	✓	✓	✓
	<i>Ardea ibis</i>	Cattle Egret (C,J)	✓	✓	✓	✓
	<i>Butorides striatus</i>	Striated Heron		✓	✓	
	<i>Bycticorax caledonicus</i>	Nankeen Night Heron	✓	✓	✓	
		Black Bittern (V)				
	<i>Ixobrychus minutus</i>	Little Bittern	✓	✓	✓	
	<i>Botaurus poiciloptilus</i>	Australian Bittern (V)	✓	✓	✓	
Threskiornithidae (Ibises and Spoonbills)	<i>Plegadis falcinellus</i>	Glossy Ibis (C)	✓	✓	✓	
	<i>Threskiornis molucca</i>	Australian White Ibis	✓	✓	✓	✓
	<i>Threskiornis spinicollis</i>	Straw-necked Ibis	✓	✓	✓	✓
	<i>Platalea regia</i>	Royal Spoonbill	✓	✓	✓	✓
	<i>Platalea flavipes</i>	Yellow-billed Spoonbill	✓	✓	✓	✓
Ciconiidae (Storks)	<i>Ephippiorhynchus asiaticus</i>	Black-necked Stork (E)	✓	✓		
Accipitridae (Osprey, Hawks and Eagles)	<i>Pandion haliaetus</i>	Osprey	✓			
	<i>Aviceda subcristata</i>	Pacific Baza	✓	✓	✓	
	<i>Elanus axillaris</i>	Black-shouldered Kite	✓	✓	✓	✓
	<i>Haliastur sphenurus</i>	Whistling Kite	✓	✓	✓	✓
	<i>Haliaeetus leucogaster</i>	White-bellied Sea-Eagle (C)	✓	✓	✓	
	<i>Circus assimilis</i>	Spotted Harrier		✓		
	<i>Circus approximans</i>	Swamp Harrier	✓	✓	✓	✓
	<i>Accipiter fasciatus</i>	Brown Goshawk	✓	✓	✓	✓
	<i>Accipiter novaehollandiae</i>	Grey Goshawk		✓	✓	
	<i>Accipiter cirrhocephalus</i>	Collared Sparrowhawk			✓	
	<i>Aquila audax</i>	Wedge-tailed Eagle	✓	✓		
	<i>Hieraaetus morphnoides</i>	Little Eagle	✓	✓	✓	
Falconidae (Falcons)	<i>Falco berigora</i>	Brown Falcon	✓	✓	✓	
	<i>Falco longipennis</i>	Australian Hobby		✓	✓	
	<i>Falco peregrinus</i>	Peregrine Falcon	✓	✓	✓	✓
	<i>Falco cenchroides</i>	Nankeen Kestrel	✓	✓		✓
Rallidae (Rails, Gallinules and Coots)	<i>Gallirallus philippensis</i>	Buff-banded Rail	✓	✓	✓	
	<i>Porzana pusilla</i>	Baillon's Crake	✓	✓	✓	
	<i>Porzana fluminea</i>	Australian Spotted Crake	✓		✓	
	<i>Porzana tabuensis</i>	Spotless Crake	✓	✓	✓	
	<i>Porphyrio porphyrio</i>	Purple Swamphen	✓	✓	✓	✓
	<i>Gallinula tenebrosa</i>	Dusky Moorhen	✓	✓	✓	✓
	<i>Fulica atra</i>	Eurasian Coot	✓	✓	✓	
Scolopacidae (Culews, Godwits, Snipe, Sandpipers and allies)	<i>Gallinago hardwickii</i>	Latham's Snipe (C,J)	✓	✓	✓	
	<i>Limosa lapponica</i>	Bar-tailed Godwit (C,J)		✓		
	<i>Tringa stagnatilis</i>	Marsh Sandpiper (C,J)	✓	✓	✓	✓
	<i>Tringa nebularia</i>	Common Greenshank	✓			

Family Name	Genus and Species Name	Common Name	Data Source			
			1	2	3	4
		(C,J)				
	<i>Tringa glareola</i>	Wood Sandpiper (C,J)	✓			
	<i>Calidris ruficollis</i>	Red-necked Stint (C,J)			✓	
	<i>Calidris melanotos</i>	Pectoral Sandpiper (J)	✓			
	<i>Calidris acuminata</i>	Sharp-tailed Sandpiper (C,J)	✓	✓	✓	
	<i>Calidris ferruginea</i>	Curlew Sandpiper (C,J)		✓	✓	
Rostratulidae (Painted Snipe)	<i>Rostratula benghalensis</i>	Painted Snipe (V,C)		✓	✓	
Jacanidae (Jacanas)	<i>Irediparra gallinacea</i>	Comb-crested Jacana (V)	✓	✓	✓	
Recurvirostridae (Stilts and Avocets)	<i>Himantopus himantopus</i>	Black-winged Stilt	✓	✓	✓	✓
	<i>Recurvirostra novaehollandiae</i>	Red-necked Avocet		✓		
Charadriidae (Lapwings, Plovers and Dottrels)	<i>Euseyornis melanops</i>	Black-fronted Dotterel	✓	✓	✓	
	<i>Erythrogonys cinctus</i>	Red-kneed Dotterel	✓		✓	
	<i>Vanellus miles</i>	Masked Lapwing	✓	✓	✓	
Laridae (Skuas, Gulls, Terns and allies)	<i>Larus novaehollandiae</i>	Silver Gull	✓	✓	✓	
	<i>Sterna nioltica</i>	Gull-billed Tern		✓	✓	
	<i>Chlidonias hybridus</i>	Whiskered Tern	✓	✓	✓	
Columbidae (Pigeons and doves)	<i>Columba livia</i>	Rock Dove #	✓	✓	✓	
	<i>Columba leucomela</i>	White-headed Pigeon			✓	
	<i>Streptopelia chinensis</i>	Spotted Turtle-Dove #	✓	✓	✓	✓
	<i>Macropygia amboinensis</i>	Brown Cuckoo-Dove			✓	
	<i>Chalcophaps indica</i>	Emerald Dove			✓	
	<i>Phaps elegans</i>	Brush Bronzewing	✓			
	<i>Ocyphaps lophotes</i>	Crested Pigeon	✓	✓	✓	✓
	<i>Geopelia striata</i>	Peaceful Dove	✓		✓	
	<i>Geopelia humeralis</i>	Bar-shouldered Dove			✓	✓
	<i>Leucosarcia melanoleuca</i>	Wonga Pigeon			✓	
	<i>Ptilinopus magnificus</i>	Wompoo Fruit-Dove (V)			✓	
	<i>Ptilinopus superbus</i>	Superb Fruit-Dove (V)			✓	
	<i>Lopholaimus antarcticus</i>	Topknot Pigeon	✓		✓	
Cacatuidae (Cockatoos)	<i>Calyptrohynchus funereus</i>	Yellow-tailed Black Cockatoo			✓	
	<i>Cacatua roseicapilla</i>	Galah	✓	✓	✓	✓
	<i>Cacatua tenuirostris</i>	Long-billed Corella		✓		
	<i>Cacatua sanguinea</i>	Little Corella	✓	✓	✓	✓
	<i>Cacatua galerita</i>	Sulfur-crested Cockatoo	✓	✓	✓	✓
Psittacidae (Parrots)	<i>Trichoglossus haematodus</i>	Rainbow Lorikeet		✓	✓	✓
	<i>Trichoglossus chlorolepidotus</i>	Scaly-breasted Lorikeet		✓	✓	✓
	<i>Glossopsitta pusilla</i>	Little Lorikeet			✓	
	<i>Alisterus scapularis</i>	Australian King Parrot			✓	
	<i>Platycercus elegans</i>	Crimson Rosella			✓	
	<i>Platycercus eximius</i>	Eastern Rosella	✓	✓	✓	✓
	<i>Psephotus haematotus</i>	Red-rumped Parrot	✓	✓	✓	
Cuculidae	<i>Cuculus saturatus</i>	Oriental Cuckoo (C,J)			✓	

Family Name	Genus and Species Name	Common Name	Data Source			
			1	2	3	4
(Old World Cuckoos)						
	<i>Cuculus pallidus</i>	Pallid Cuckoo		✓	✓	
	<i>Cacomantis variolosus</i>	Brush Cuckoo	✓	✓	✓	
	<i>Cacomantis flabelliformis</i>	Fan-tailed Cuckoo	✓	✓	✓	✓
	<i>Chrysococcyx basalis</i>	Horsfield's Bronze-Cuckoo	✓	✓	✓	
	<i>Chrysococcyx lucidus</i>	Shining Bronze-Cuckoo	✓	✓	✓	
	<i>Eudynamys scolopacea</i>	Common Koel	✓	✓	✓	
	<i>Scythrops novaehollandiae</i>	Channel-billed Cuckoo	✓	✓	✓	
Centropodidae	<i>Centropus phasianinus</i>	Pheasant Coucal	✓		✓	
Strigidae (Hawk Owls)	<i>Ninox strenua</i> V	Powerful Owl (V)			✓	
	<i>Ninox novaeseelandiae</i>	Southern Boobook	✓	✓	✓	
Tytonidae (Barn Owls)	<i>Tyto alba</i>	Barn Owl	✓	✓	✓	
Podargidae (Frogmouths)	<i>Podargus strigoides</i>	Tawny Frogmouth	✓		✓	
Aegothelidae (Owlet-nightjars)	<i>Aegotheles cristatus</i>	Australian Owlet-nightjar			✓	
Apodidae (Typical Swifts)	<i>Hirundapus caudacutus</i>	White-throated Needletail (C,J)		✓	✓	
	<i>Apus pacificus</i>	Fork-tailed Swift (C,J)	✓	✓		
Alcedinidae (True Kingfishers)	<i>Alcedo azurea</i>	Azure Kingfisher		✓	✓	✓
Halcyonidae (Kingfishers Kookaburras)	and <i>Dacelo novaeguineae</i>	Laughing Kookaburra	✓	✓	✓	✓
	<i>Todiramphus sanctus</i>	Sacred Kingfisher	✓	✓	✓	✓
Meropidae (Bee-eaters)	<i>Merops ornatus</i>	Rainbow Bee-eater (J)	✓		✓	
Coraciidae (Typical Rollers)	<i>Eurystomus orientalis</i>	Dollarbird	✓		✓	
Menuridae (Lyrebirds)	<i>Menura novaehollandiae</i>	Superb Lyrebird			✓	
Climacteridae (Australo-Papuan Trecreeper)	<i>Cormobates leucophaeus</i>	White-throated Trecreeper	✓			
Maluridae (Fairy-wrens, emu-wrens and Grasswrens)	<i>Malurus cyaneus</i>	Superb Fairy-wren	✓	✓	✓	
	<i>Malurus lamberti</i>	Variiegated Fairy-wren	✓	✓		✓
	<i>Stipiturus malachurus</i>	Southern Emu-wren		✓	✓	
Pardalotidae (Pardalotes, Bristlebirds, Scrubwrens and Thornbills)	<i>Pardalotus punctatus</i>	Spotted Pardalote	✓		✓	
	<i>Paradalotus striatus</i>	Striated Pardalote	✓	✓	✓	✓
	<i>Sericornis frontalis</i>	White-browed Scrubwren	✓	✓	✓	✓
	<i>Smicromnis brevirostris</i>	Weebill	✓		✓	✓
	<i>Gerygone mouki</i>	Brown Gerygone			✓	
	<i>Gerygone levigaster</i>	Mangrove Gerygone	✓	✓	✓	
	<i>Gerygone olivacea</i>	White-throated Gerygone			✓	
	<i>Acanthiza pusilla</i>	Brown Thornbill	✓	✓	✓	✓
	<i>Acanthiza reguloides</i>	Buff-rumped Thornbill		✓		
	<i>Acanthiza chrysorrhoa</i>	Yellow-rumped	✓	✓	✓	

Family Name	Genus and Species Name	Common Name	Data Source			
			1	2	3	4
		Thornbill				
	<i>Acanthiza nana</i>	Yellow Thornbill	✓	✓	✓	✓
	<i>Acanthiza lineata</i>	Striated Thornbill		✓	✓	
Meliphagidae (Honeyeaters)	<i>Anthochaera carunculata</i>	Red Wattlebird			✓	
	<i>Plectrhynga lanceolata</i>	Striped Honeyeater	✓	✓	✓	
	<i>Philemon corniculatus</i>	Noisy Friarbird		✓	✓	
	<i>Philemon citreogularis</i>	Little Friarbird	✓			
	<i>Xanthomyza phrygia</i>	Regent Honeyeater (E)			✓	
	<i>Manorina melanophrys</i>	Bell Miner	✓		✓	
	<i>Manorina melanocephala</i>	Noisy Miner	✓	✓	✓	✓
	<i>Meliphaga lewinii</i>	Lewin's Honeyeater	✓		✓	
	<i>Lichenostomus chrysops</i>	Yellow-faced Honeyeater	✓	✓	✓	
	<i>Lichenostomus melanops</i>	Yellow-tufted Honeyeater	✓		✓	
	<i>Melithreptus brevirostris</i>	Brown-headed Honeyeater	✓			
	<i>Melithreptus lunatus</i>	White-naped Honeyeater	✓		✓	✓
	<i>Lichmera indistincta</i>	Brown Honeyeater	✓	✓	✓	✓
	<i>Phylidonyris novaehollandiae</i>	New Holland Honeyeater			✓	
	<i>Phylidonyris nigra</i>	White-cheeked Honeyeater			✓	
	<i>Acanthorhynchus tenuirostris</i>	Eastern Spinebill	✓		✓	
	<i>Myzomela sanguinolenta</i>	Scarlet Honeyeater			✓	
	<i>Epthianura albifrons</i>	White-fronted Chat	✓	✓	✓	
Eopsaltriidae (Australo-Papuan robins and scrub-robins)	<i>Microeca fascinans</i>	Jacky Winter	✓	✓	✓	
	<i>Petroica multicolor</i>	Scarlet Robin	✓	✓	✓	✓
	<i>Petroica rosea</i>	Rose Robin			✓	
	<i>Eopsaltria australis</i>	Eastern Yellow Robin	✓		✓	
Pomatostomidae (Australo-Papuan Babblers)	<i>Pomatostomus temporalis</i>	Grey-crowned Babbler			✓	
Comclostomidae (Quail-thrushes and allies)	<i>Psophodes olivaceus</i>	Eastern Whipbird	✓		✓	
Neosittidae (Sittellas)	<i>Daphoenositta chrysoptera</i>	Varied Sittella	✓		✓	
Achycephalidae	<i>Falcunculus frontatus</i>	Crested Shrike-tit			✓	
	<i>Pachycephala pectoralis</i>	Golden Whistler	✓	✓	✓	
	<i>Pachycephala rufiventris</i>	Rufous Whistler	✓	✓	✓	
	<i>Colluricincla harmonica</i>	Grey Shrike-thrush	✓	✓	✓	✓
Dicruridae (Monarchs, Fantails and Drongo)	<i>Monarcha melanopsis</i>	Black-faced Monarch		✓	✓	
	<i>Myiagra rubecula</i>	Leaden Flycatcher		✓	✓	
	<i>Myiagra inquieta</i>	Restless Flycatcher		✓	✓	
	<i>Grallina cyanoleuca</i>	Magpie-lark	✓	✓	✓	✓
	<i>Rhipidura rufifrons</i>	Rufous Fantail		✓	✓	
	<i>Rhipidura fuliginosa</i>	Grey Fantail	✓	✓	✓	✓
	<i>Rhipidura leucophrys</i>	Willie Wagtail	✓	✓	✓	✓
	<i>Dicrurus bracteatus</i>	Spangled Drongo		✓		
Campephagidae (Cuckoo-shrikes and Trillers)	<i>Coracina novaehollandiae</i>	Black-faced Cuckoo-shrike	✓	✓	✓	✓

Family Name	Genus and Species Name	Common Name	Data Source			
			1	2	3	4
	<i>Coracina papuensis</i>	White-bellied Cuckoo-shrike			✓	
	<i>Coracina tenuirostris</i>	Cicadabird			✓	
	<i>Lalage sueurii</i>	White-winged Triller	✓		✓	
Oriolidae (Orioles and Figbirds)	<i>Oriolus sagittatus</i>	Olive-backed Oriole		✓	✓	✓
	<i>Sphecotheres viridis</i>	Figbird			✓	
Artamidae (Woodswallows, Butcherbirds and Currawongs)	<i>Artamus leucorhynchus</i>	White-breasted Woodswallow	✓	✓	✓	
	<i>Artamus superciliosus</i>	White-browed Woodswallow			✓	
	<i>Artamus cyanopterus</i>	Dusky Woodswallow	✓		✓	
	<i>Cracticus torquatus</i>	Grey Butcherbird	✓	✓	✓	✓
	<i>Cracticus nigrogularis</i>	Pied Butcherbird	✓	✓	✓	✓
	<i>Gymnorhina tibicen</i>	Australian Magpie	✓	✓	✓	✓
	<i>Strepera graculina</i>	Pied Currawong	✓	✓	✓	✓
Corvidae (Crows and allies)	<i>Corvus coronoides</i>	Australian Raven	✓	✓	✓	✓
Cororacidae Mud-nesters	<i>Corcorax melanorhamphos</i>	White-winged Chough	✓			
Ptilinorhynchidae (Bowerbirds)	<i>Ailuroedus crassirostris</i>	Green Catbird			✓	
	<i>Sericulus chrysocephalus</i>	Regent Bowerbird			✓	
	<i>Ptilonorhynchus violaceus</i>	Satin Bowerbird	✓		✓	
Motacillidae (Old World Wagtails and Pipits)	<i>Anthus novaeseelandiae</i>	Richard's Pipit	✓	✓	✓	✓
Passeridae (Sparrows, Weaverbirds, Waxbills and allies)	<i>Passer domesticus</i>	House Sparrow #	✓	✓	✓	
	<i>Taeniopygia guttata</i>	Zebra Finch	✓			
	<i>Taeniopygia bichenovii</i>	Double-barred Finch	✓	✓	✓	✓
	<i>Neochmia modesta</i>	Plum-headed Finch	✓			
	<i>Neochmia temporalis</i>	Red-browed Finch	✓	✓	✓	
	<i>Lonchura castaneothorax</i>	Chestnut-breasted Mannikin	✓	✓	✓	✓
Dicaeidae (Flowerpeckers)	<i>Dicaeum hirundinaceum</i>	Mistletoebird	✓	✓	✓	✓
Hirundinidae (Swallows and Martins)	<i>Hirundo rustica</i>	Barn Swallow (C,J)	✓			
	<i>Hirundo neoxena</i>	Welcome Swallow	✓	✓	✓	✓
	<i>Hirundo nigricans</i>	Tree Martin	✓		✓	
	<i>Hirundo ariel</i>	Fairy Martin	✓	✓	✓	✓
Sylviidae (Old World Warblers)	<i>Acrocephalus stentoreus</i>	Clamorous Reed-Warbler	✓	✓	✓	
	<i>Megalurus timoriensis</i>	Tawny Grassbird	✓	✓	✓	
	<i>Megalurus gramineus</i>	Little Grassbird	✓	✓	✓	
	<i>Cincloramphus mathewsi</i>	Rufous Songlark	✓		✓	
	<i>Cisticola exilis</i>	Golden-headed Cisticola	✓	✓	✓	✓
Zosteropidae (White-eyes)	<i>Zosterops lateralis</i>	Silvereye	✓	✓		✓
Muscicapidae (True Thrushes)	<i>Turdus merula</i>	Common Blackbird	✓			
Sturnidae	<i>Sturnus vulgaris</i>	Common Starling #	✓	✓	✓	✓

Family Name	Genus and Species Name	Common Name	Data Source			
			1	2	3	4
(Starlings and allies)						
	<i>Acridotheres tristis</i>	Common Myna #	✓	✓	✓	✓

REPTILE LIST

- Appendix Key:** # = introduced species (E) = listed as Endangered in NSW.
 (C) = listed as CAMBA species (V) = listed as Vulnerable in NSW.
 (J) = listed as JAMBA species
- Data Source:** 1 = Records from the Atlas of NSW Wildlife (NSW NPWS database)
 2 = Records from additional studies/reports for Hexham Swamp
 3 = Records from studies of areas adjacent to Hexham Swamp
 4 = Records from WBM survey of Hexham Swamp.

Family Name	Zoological Name	Common Name	Data Source			
			1	2	3	4
Chelidae	<i>Chelodina longicollis</i>					
Agamidae	<i>Amphibolurus muricatus</i>	Jacky Lizard	✓		✓	
Scincidae	<i>Cryptoblepharus virgatus</i>			✓	✓	
	<i>Ctenotus robustus</i>		✓	✓	✓	
	<i>Cyclodomorphus casuarinae</i>	She-oak Skink	✓	✓		
	<i>Eulamprus quoyii</i>	Eastern Water Skink	✓	✓		
	<i>Eulamprus tenuis</i>		✓			
	<i>Lampropholis delicata</i>		✓	✓	✓	✓
	<i>Saiphos equalis</i>		✓	✓	✓	✓
	<i>Saproscincus mustelinus</i>	Weasel Skink		✓	✓	
	<i>Tiliqua scincoides</i>	Eastern Blue-tongued Lizard	✓	✓	✓	
	Typhlopidae	<i>Ramphotyphlops nigrescens</i>				✓
Elapidae	<i>Furina diadema</i>	Red-naped Snake			✓	
	<i>Hemiaspis signata</i>	Black-bellied Swamp Snake		✓		✓
	<i>Pseudechis porphyriacus</i>	Red-bellied Black Snake	✓	✓	✓	

FROG LIST

- Appendix Key:** # = introduced species (E) = listed as Endangered in NSW.
 (C) = listed as CAMBA species (V) = listed as Vulnerable in NSW.
 (J) = listed as JAMBA species
- Data Source:** 1 = Records from the Atlas of NSW Wildlife (NSW NPWS database)
 2 = Records from additional studies/reports for Hexham Swamp
 3 = Records from studies of areas adjacent to Hexham Swamp
 4 = Records from WBM survey of Hexham Swamp.

Family Name	Genus and Species Name	Common Name	Data Source			
			1	2	3	4
Hylidae	<i>Litoria aurea</i>	Green and Golden Bell Frog (E)	✓	✓	✓	
(Tree Frogs)	<i>Litoria caerulea</i>	Green Tree Frog	✓		✓	
	<i>Litoria dentata</i>	Bleating Treefrog	✓	✓	✓	
	<i>Litoria fallax</i>	Eastern Dwarf Tree Frog	✓	✓	✓	✓
	<i>Litoria latopalmata</i>	Broad-palmed Frog	✓	✓	✓	
	<i>Litoria lesueuri</i>	Leasueur's Frog	✓			
	<i>Litoria peronii</i>	Peron's Tree Frog			✓	✓
	<i>Litoria tyleri</i>	Tyler's Tree Frog			✓	✓
	<i>Litoria verreauxii</i>	Verreaux's Frog			✓	✓

Family Name	Genus and Species Name	Common Name	Data Source			
			1	2	3	4
Myobatrachidae (Southern Frogs)	<i>Crinia signifera</i>	Common Eastern Froglet	✓	✓	✓	✓
	<i>Limnodynastes peronii</i>	Brown- striped Frog				✓
	<i>Limnodynastes tasmaniensis</i>	Spotted Grass Frog	✓	✓	✓	✓
	<i>Pseudophryne coriacea</i>	Red-backed Broodfrog	✓			✓
	<i>Uperoleia laevigata</i>	Smooth Toadlet	✓	✓	✓	

MAMMAL LIST

Appendix Key: # = introduced species (E) = listed as Endangered in NSW.
 (C) = listed as CAMBA species (V) = listed as Vulnerable in NSW.
 (J) = listed as JAMBA species

Data Source: 1 = Records from the Atlas of NSW Wildlife (NSW NPWS database)
 2 = Records from additional studies/reports for Hexham Swamp
 3 = Records from studies of areas adjacent to Hexham Swamp.

Family Name	Genus and Species	Common Name	Data Source		
			1	2	3
Tachyglossidae (Echidnas)	<i>Tachyglossus aculeatus</i>	Short-beaked Echidna			✓
Dasyuridae (Dasyurids)	<i>Antechinus flavipes</i>	Yellow-footed Antechinus			✓
	<i>Antechinus stuartii</i>	Brown Antechinus			✓
	<i>Antechinus swainsonii</i>	Dusky Antechinus			✓
	<i>Phascogale tapoatafa</i>	Brush-tailed Phascogale			✓
	<i>Planigale maculata</i>	Common Planigale (V)			✓
	<i>Sminthopsis murina</i>	Common Dunnart			✓
Peramelidae (Bandicoots and Bilbies)	<i>Isoodon macrourus</i>	Northern Brown Bandicoot		✓	✓
	<i>Peremeles nasuta</i>	Long-nosed Bandicoot			✓
Phascolarctidae (Koala)	<i>Phascolarctos cinereus</i>	Koala (V)	✓		
Petauridae (Wristwinged Gliders)	<i>Petaurus breviceps</i>	Sugar Glider	✓		✓
	<i>Petaurus norfolcensis</i>	Squirrel Glider (V)	✓		✓
Pseudocheiridae (Ringtail Possums and Greater Glider)	<i>Petauroides volans</i>	Greater Glider			✓
	<i>Pseudocheirus peregrinus</i>	Common Ringtail Possum	✓		✓
Acrobatidae (Feathertail Glider)	<i>Acrobates pygmaeus</i>	Feathertail Glider			✓
Phalangeridae (Brushtail Possums)	<i>Trichosurus caninus</i>	Mountain Brushtail Possum			✓
	<i>Trichosurus vulpecula</i>	Common Brushtail Possum	✓		✓
Macropodidae (Wallabies and Kangaroos)	<i>Macropus giganteus</i>	Eastern Grey Kangaroo	✓		✓
	<i>Macropus rufogriseus</i>	Red-necked Wallaby			✓
	<i>Wallabia bicolor</i>	Swamp Wallaby	✓		✓
Pteropodidae (Flying-foxes, Fruit-bats and Blossum-bats)	<i>Pteropus poliocephalus</i>	Grey-headed Flying-fox			✓
	<i>Pteropus scapulatus</i>	Little Red Flying-fox			✓
Rhinolophidae	<i>Rhinolophus megaphyllus</i>	Eastern Horseshoe-bat	✓		✓

Family Name	Genus and Species	Common Name	Data Source		
			1	2	3
(Horseshoe-bats)					
Emballonuridae (Sheath-tail-bats)	<i>Saccolaimus flaviventris</i>	Yellow-bellied Sheath-tail-bat (V)			✓
Molossidae (Freetail-bats)	<i>Mormopterus loriae</i>	Little Northern Freetail-bat			✓
	<i>Mormopterus norfolkensis</i>	Eastern Freetail-bat (V)			✓
	<i>Nyctinomus australis</i>	White-striped Freetail-bat	✓		✓
Vespertilionidae (Vespertilionid Bats)	<i>Miniopterus australis</i>	Little Bentwing-bat (V)	✓		✓
	<i>Miniopterus schreibersii</i>	Common Bentwing-bat (V)			✓
	<i>Nyctophilus geoffroyi</i>	Lesser Long-eared Bat	✓		✓
	<i>Nyctophilus gouldi</i>	Gould's Long-eared Bat			✓
	<i>Chalinolobus gouldii</i>	Gould's Wattled Bat	✓		✓
	<i>Chalinolobus morio</i>	Chocolate Wattled Bat			✓
	<i>Myotis adversus</i>	Large-footed Myotis (V)			✓
	<i>Pipistrellus pumilus</i>	Great Pipistrelle			✓
	<i>Scoteanax rueppellii</i>	Greater Broad-nosed Bat (V)	✓		✓
	<i>Scotorepens greyii</i>	Little Broad-nosed Bat			✓
	<i>Vespadelus pumilus</i>	Eastern Forest Bat			✓
	<i>Vespadelus vulturnus</i>	Little Forest Bat	✓		✓
Muridae (Murids)	<i>Hydromys chrysogaster</i>	Water Rat		✓	✓
	<i>Melomys burtoni</i>	Grassland Melomys			✓
	<i>Mus musculus</i> #	House Mouse	✓	✓	✓
	<i>Rattus fuscipes</i>	Bush Rat	✓		✓
	<i>Rattus lutreolus</i>	Swamp Rat	✓		✓
	<i>Rattus norvegicus</i> #	Brown Rat		✓	✓
	<i>Rattus rattus</i> #	Black Rat		✓	✓
Canidae (Dingo and Fox)	<i>Vulpes vulpes</i> #	Fox	✓	✓	✓
Felidae (Cat)	<i>Felis catus</i> #	Feral Cat	✓	✓	✓
Leporidae (Rabbit and Hare)	<i>Oryctolagus cuniculus</i> #	Rabbit	✓	✓	
	<i>Lepus capensis</i> #	Brown Hare			✓
Suidae (Pig)	<i>Sus scrofa</i> #	Pig		✓	✓
Bovidae (Horned Ruminants)	<i>Bos taurus</i> #	Cattle		✓	

FISH LIST

Appendix Key:

NC = non-commercial species

C = Commercially important species

R = Recreationally important species

= Introduced pest species

S = primarily estuarine or saltwater species

F = primarily freshwater species

F/S = may inhabit fresh and estuarine waters at some stage in its life history

Data Source:

1 = Shepherd (1994)

2 = McGregor (1979)

4 = NSW Fisheries (in DLWC 1996)

4.5 = Gibbs et al. 1999

5 = field inspections made in the present study

Family	Species	Common Name	Salinity (and Habitat) Preference	Fisheries Value	Source
Dasyatidae	<i>Dasyatis fluviorum</i>	Estuary stingray	S	NC	4.5
Elopidae	<i>Elops hawaiiensis</i>	Giant herring	S	C	1
Anguillidae	<i>Anguilla australis</i>	Short-finned eel	F/S	C	1, 2, 4, 4.5
	<i>Anguilla reinhardtii</i>	Long-finned eel	F/S	C	1, 2, 4, 4.5
Clupeidae	<i>Herklotsichthys castelnaui</i>	Castelnau's herring	S	C	1
	<i>Hyperlophus vittatus</i>	Sandy sprat	S	C	1, 2, 4
	<i>Potamatosia richmondia</i>	Freshwater herring	F/S	C	1, 2, 4.5
	<i>Harengula abbreviata</i>	Southern herring	S	C	2
Galaxiidae	<i>Galaxias maculatus</i>	Common jollytail	F/S	NC	2
Cyprinidae	<i>Cyprinus carpio</i>	Carp	F	NC, #	5
Hemiramphidae	<i>Hemiramphus regularis</i>	River garfish	S	C	2
Poeciliidae	<i>Gambusia holbrooki</i>	Mosquito fish	F	NC, #	1, 4, 4.5
Pseudomugilidae	<i>Pseudomugil signifer</i>	Blue-eye	F/S	NC	1, 4, 4.5
Scopaenidae	<i>Notesthes robusta</i>	Bullrout	F/S	NC	1, 4, 4.5
	<i>Centropogon australis</i>	Fortesque	S	NC	4, 4.5
Platycephalidae	<i>Platycephalidae spp.</i>	Juvenile flathead	S	C,R	4.5
	<i>Platycephalus fuscus</i>	Dusky flathead	S	C,R	1, 2, 4
	<i>Pelates sexlineatus</i>	Eastern striped trumpeter	S	NC	4.5
Ambassidae	<i>Ambassis jacksoniensis</i>	Jackson's glassfish	S	NC	1, 2, 4, 4.5
	<i>Ambassis marianus</i>	Glass perchlet	S	NC	1, 4.5
Percichthyidae	<i>Macquaria novemaculeata</i>	Australian bass	F/S	R	1
Teraponidae	<i>Terapon jarbua</i>	Crescent perch	S	NC	1, 4, 4.5
Sillaginidae	<i>Sillago ciliata</i>	Sand whiting	S	C,R	4, 4.5
Pomatomidae	<i>Pomatomus saltatrix</i>	Tailor	S	C	1, 2, 4.5
Gerridae	<i>Gerres subfasciatus</i>	Silver biddy	S	C	1, 2, 4, 4.5

Family	Species	Common Name	Salinity (and Habitat) Preference	Fisheries Value	Source
Sparidae	<i>Acanthopagrus australis</i>	Yellowfish	F/S	C,R	1, 2, 4, 4.5
	<i>Rhabdosargus sarba</i>	Tarwhine	S	C,R	1, 2, 4, 4.5
Girellidae	<i>Girella tricuspidata</i>	Luderick	S	C,R	4
Mugilidae	<i>Liza argentea</i>	Flat-tailed mullet	F/S	C	1, 2, 4, 4.5
	<i>Mugil cephalus</i>	Sea mullet	F/S	C	1, 2, 4, 4.5
	<i>Myxus elongatus</i>	Sand mullet	F/S	C	2, 4, 4.5
Gobiidae	<i>Gobiopterus semivestita</i>	Glass goby	S	NC	1, 2, 4, 4.5
	<i>Cristatogobius gobioides</i>	Oyster goby	S	NC	4
	<i>Arenigobius bifrenatus</i>	Bridled goby	S	NC	1, 2, 4, 4.5
	<i>Acanthigobius flaviomonius</i>	Oriental goby	S	NC	4, 4.5
	<i>Arenigobius frenatus</i>	Frenatus goby	S	NC	1, 4.5
Antennariidae	Unknown <i>Anteunariidae</i>	Angler Fish	S	NC	1
	<i>Favonigobius lateralis</i>	Long-finned goby	S	NC	4.5
	<i>Cryptocentrus critatus</i>	Oyster goby	S	NC	4.5
	<i>Bathygobius krefftii</i>	Fray-finned goby	S	NC	4.5
	<i>Mugilogobius paludis</i>	Mangrove goby	S	NC	1, 4
	<i>Redigobius macrostoma</i>	Large-mouthed goby	S	NC	1, 2, 4
	<i>Pseudogobius olorum</i>	Blue-spot goby	S	NC	1, 2, 4
	<i>Pseudogobius sp.</i>	Goby species	S	NC	2
	<i>Afurcagobius tamarensis</i>	Tamar river goby	F/S	NC	2, 4
Eleotridae	<i>Gobiomorphus australis</i>	Striped gudgeon	F/S	NC	1
	<i>Hypseleotris compressa</i>	Empire gudgeon	F/S	NC	1, 2, 4, 4.5
	<i>Morgurnda adspersa</i>	Purple spotted gudgeon	F	NC	2
	<i>Hypseleotris galli</i>	Firetail gudgeon	F/S	NC	5
	<i>Philypnodon grandiceps</i>	Flat headed gudgeon	F/S	NC	1, 2, 4, 4.5
	Juvenile Eleotridae	Gudgeon	F/S	NC	4.5
	<i>Philypnodon Sp 1</i>	Dwarf flathead gudgeon	F/S	NC	1, 2, 4, 4.5
	<i>Gobiomorphus spp.</i>	Gudgeon	F/S	NC	4.5
	<i>Favonigobius exquisitus</i>	Exquisite goby	S	NC	2, 4, 4.5

Family	Species	Common Name	Salinity (and Habitat) Preference	Fisheries Value	Source
Juvenile Gobiidae		Goby	S	NC	4.5, 4.5
Bothidae	<i>Pseudorhombus arsius</i>	Large-toothed flounder	S	C	4, 4.5
Soleidae	<i>Synaptura nigra</i>	Black sole	S	C	4, 4.5
Monacanthidae	<i>Meuschenia trachylepis</i>	Yellow-finned leatherjacket	S	C,R	1, 2, 4.5
Tetraodontidae	Juvenile <i>Tetraodontidae</i>	Toadfish	S	NC	4.5
	<i>Tetractenos hamiltoni</i>	Common Toadfish	S	NC	2, 4, 4.5

MACRO-INVERTEBRATE LIST

Appendix Key:

F = freshwater species

E = estuarine

D = downstream habitats (within 1.5km of floodgate)

* intolerant of freshwater (see McGregor 1979)

U = upstream habitats (>1.5km upstream of floodgate)

ss = soft substrates

w = wetland

Data Source:

- 1 = Shepherd (1994)
 2 = McGregor (1979)
 3 = NPWS (unpubl. report 1978)
 4 = NSW Fisheries (in DLWC 1996)
 4.5 = Gibbs (1999)
 5 = field inspections made in the present study
 6 = Bio-Analysis (2002 – 2005)

Family	Taxa	Species	Common Name	Location	Source	Primary Habitat
Polychaeta	F: Nereidae	<i>Ceratonereis erythraeensis</i>	Errant worm	D	2,6	E*
	F: Nephtyidae	<i>Nephtys australiensis</i>	Errant worm	D	2,6	E*
	F: Orbiniidae	<i>Scoloplos simplex</i>	Sedentary worm	D	2,6	E*
	F: Capitellidae	<i>Notomastus sp.</i>	Sedentary worm	D-U	2,6	E
		<i>Scyphoproctus sp.</i>	Sedentary worm	D-U	2,6	E
	F: Spionidae	<i>Othopriospio cirriforma</i>	Sedentary worm	D-U	2	E
		<i>Spio pacifica</i>	Sedentary worm	D-U	2	E
	F: Eunicidae				6	E
	F: Maldanidae				6	E
	F: Syllidae				6	E
		Unknown sp 1			6	E
		Unknown sp 2	(hairy)		6	E
	Mollusca	F: Mytilidae	<i>Fluviolanatus amarus</i>	Mussel	?	2

Family	Taxa	Species	Common Name	Location	Source	Primary Habitat
	F: Leptonidae	<i>Arthritica helmsi</i>	Heterodont bivalve	?	2,6	E
	F: Rissoidae	<i>Rissonina sp.</i>	Marine snail	?	2	E
	F: Tellinidae	<i>Tellina foliacea</i>			6	E
Insecta	F: Gerridae		Water-strider	W	5	F
	F: Coenagrionidae		Damsel-fly	D-U	4,4.5,5	F
	F: Chironomidae		Non-biting midge	All	5	F
	F: Corduliidae		Dragon-fly	D	4,4.5	F
	F: Corixidae		Lesser water boatmen	All	3,4,4.5, 5	F
	F: Naucoridae		Bug	D	4,4.5	F
	F: Notonectidae		Water-boatman	D-U-W	4,4.5,5	F
	F: Hydrophilidae		Water-scavenger beetle	D-U-W	4,4.5,5	F
	F: Veliidae		Water crickets		4.5	F
Crustacea	O: Ostracoda		Mussel shrimps	W	3	F/E
	F: Mysidae		Opossum shrimp	D-U	4,4.5	F/E
	F: Penaeidae	<i>Metapenaeus bennettiae</i>	Greasy back prawn	D-U	1,4,4.5	E
		<i>Metapenaeus macleayi</i>	School prawn	D-U	1,2,4,4.5	E
		<i>Penaeus plebejus</i>	King prawn	D-U	1,4,4.5	E
		<i>Penaeus esculentus</i>	Tiger prawn	D	4,4.5	E
	F: Sergestidae	<i>Acetes sibogae australis</i>	Shrimp	D-U	4,4.5	E
	F: Alpheidae	<i>Alpheus euphrosyne</i>	Snapping shrimp	D-U	1	E
	F: Alpheidae	<i>Alpheus richardsoni</i>	Snapping shrimp	D-U	4,4.5	E
	F: Palaemonidae	<i>Palaemon debilis</i>	Estuarine shrimp	D-U	4,4.5	E
	F: Palaemonidae	<i>Macrobrachium Sp 2</i>	Freshwater prawn	U	4	F
	F: Palaemonidae	<i>Macrobrachium intermedium</i>	Freshwater prawn	D	4,4.5	F
	F: Atyidae	<i>Caradina maccullochi</i>	Freshwater shrimp	D	4,4.5	F
	F: Atyidae	<i>Paratya australiensis</i>	Freshwater shrimp	D	4,4.5	F
	F: Ocypodidae	<i>Ocypodidae Sp. 1-3</i>	Semaphore crab	D-U	4,4.5	E
	F: Hymenosomatidae	<i>Amarainus sp.</i>	Spider crab	D-U	4,4.5	E/F

Family	Taxa	Species	Common Name	Location	Source	Primary Habitat
	F: Hymenosomatidae	<i>Hymenosoma hodgkini</i>	Spider crab	U	4,4.5	E
	F: Grapsidae	<i>Grapsidae Sp. 1-3</i>	Shore crab	D-U	4,4.5	E
	F: Portunidae	<i>Portunus pelagicus</i>	Blue swimmer crab	U	4,4.5	E
Amphipoda	F: Corophiidae				6	E
	F: Gammaridae	<i>Sp 1</i>			6	E
		<i>Sp 2</i>			6	E
		<i>Sp 3</i>			6	E
		<i>Sp 4</i>			6	E
Decapoda	F: Penaeidae				6	E
	F: Ocypodidae	<i>Heloecius cordiformis</i>			6	E
	F: Grapsidae	<i>Paragrapsus laevis</i>			6	E
		<i>Sesarma erythroductyla</i>			6	E
Isopoda	F: Flabellifera				6	E
	F: Sphaeromatidae	<i>Sp 1</i>			6	E
		<i>Sp 2</i>			6	E
	Cirolanidae				6	E

Other Freshwater Macroinvertebrates observed by Bio-Analysis (2002 – 2005)

Brantidae
 Chironomidae
 Stratiomyidae
 Dytiscidae
 Oligochaeta
 Hydrophilidae
 Tipulidae
 Dolichopodidae