**Table 5.** Additional datasets identified for species in or adjacent to the North Marine Bioregion, not yet included in the SPRAT profile.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Species | Type  | Number | Data owner | Location | Publication/source | Update | Data in hand (Y/N) |
| Speartooth Shark | Catch records | >250 | CDU | Multiple NT & WA river systems | Marine Biodiversity Hub (Peter Kyne) | Contacted | Y |
| Speartooth Shark  | Acoustic tracking | >150 | CDU | 2 river systems, NT | Peter Kyne | Contacted | Partially |
| Speartooth Shark | Satellite tracking | 2 | CSIRO | Port Musgrave, QLD | Richard Pillans | Contacted | N |
| Speartooth shark | Acoustic tracking | 25 | UQ/CSIRO/CDU | Wenlock and Ducie Rivers, NT | Lyon *et al.* 2017 and available on AODN | Downloaded | Y |
| Northern River Shark | Catch records | >500 | CDU | Multiple NT & WA river systems | Marine Biodiversity Hub (Peter Kyne) | Contacted | Y |
| Northern River Shark | Acoustic tracking | 50 | CDU | South Alligator River, NT | Marine Biodiversity Hub (Peter Kyne) | Contacted | Partially |
| Narrow sawfish | Acoustic tracking | 6 | UQ | Wenlock and Ducie Rivers, NT | AATAMS, Hamish Campbell | Didn’t find | N |
| Green Sawfish | Acoustic tracking | 6 | UQ | Wenlock and Ducie Rivers, NT | AATAMS, Hamish Campbell | Didn’t find | N |
| Largetooth Sawfish | Acoustic tracking | 9 | CDU | Multiple river systems in the NT | Marine Biodiversity Hub (Peter Kyne) | Contacted | Partially |
| Largetooth Sawfish | Catch records | 70 | CDU | Multiple NT & WA river systems | Marine Biodiversity Hub (Peter Kyne) | Contacted | Y |
| Dwarf Sawfish | Catch records | 10 | CDU | Multiple NT & WA river systems | Marine Biodiversity Hub (Peter Kyne) | Contacted | Y |
| Green turtle | Satellite tracking | 20 | CDU | Djulpan Beach, Arnhem | Kennett *et al*. 2004 | Contacted | N |
| Green turtle | Satellite tracking | 5 | Mark Hamman | Raine Island but forage in Gulf | None | Contacted | Data pending |
| Olive Ridley (2) and flatback (1) Turtle | Satellite tracking | 3 | NAMRA | Beagle Bay | Kiki Dethmers | Contacted | N |
| Olive Ridley (3), green (2) and flatback (2) Turtle | Satellite tracking | 7 | NAMRA | Crocodile Is. | Kiki Dethmers | Contacted | N |
| Olive Ridley Turtle | Satellite tracking | 4 | WWF | Wessel Is. | Whiting *et al.* 2007 | Contacted | N |
| Olive Ridley Turtle | Satellite tracking | 4 | CDU, UWS, GMR, TLC | Tiwi Is. | McMahon *et al.* 2007, freely available AODN | Downloaded | Y |
| Olive Ridley Turtle | Satellite tracking | 9 | EHP | Mapoon |  | Letter prepared | N |
| Olive Ridley Turtle | Satellite tracking | 1 | EHP | Aurukun |  | Letter prepared | N |
| Olive Ridley (1) and green (1) Turtle | Satellite tracking | 2 | NAMRA | Wanuwuy beach | Kiki Dethmers | Contacted | N |
| Olive Ridley Turtle | Satellite tracking | 1 | NAMRA | Bare Sand Is. | Kiki Dethmers | Contacted | N |
| Olive Ridley Turtle | Satellite tracking | 4 | CDU (Hamish Campbell) | Cape York Peninsula | Dwyer and Campbell 2016, , freely available Zoatrack | Downloaded | Y |
| Hawksbill turtle | Satellite tracking | 1 | CDU | Fog Bay |  |  | N |
| Hawksbill turtle | Satellite tracking | 7 | CDU, DBCA, JCU, Utas | Groote Eylandt | Hoenner *et al.* (2016) freely available AODN | Downloaded | Y |
| Flatback (4) and green (2) turtle | Satellite tracking | 4 | CVA, NTG? | Coburg Peninsula |  |  | N |
| Flatback turtle | Satellite tracking | 4 | DoEE | Field Island |  |  | N |
| Flatback turtle | Satellite tracking | 6 | LSR | Sir Edward Pellew Is. |  | Letter prepared | N |
| Flatback turtle | Satellite tracking | 2 | ALT | Jardine River |  | Letter prepared | N |
| Flatback (13) and green (2) turtle | Satellite tracking | 15 | CDU (Mick Guinea) | Bare Sand Island | Sperling 2007  | Contacted | Data pending |
| Flatback turtle | Satellite tracking | 15 |  | Cape Dommett | Scott Whiting | Contacted | N |
| Flatback turtle | Satellite tracking | 10 | Mark Hamman | Torres Strait | NERP funded project | Contacted | Data pending |
| Flatback turtle | Mark-recapture | - | DENR Rachel Groom? | Bare Sand, Field Is. And West Is. |  |  | N |
| Flatback, Green and Olive Ridley Turtles | Semi regular aerial survey of nesting beaches | - | Crocodile Is. Rangers | Crocodile Is. |  | Letter prepared | N |
| Flatbacks and Olive Ridley Turtles | Beach track counts | - | Thamarrurr rangers | Thamarrurr |  | Letter prepared | N |
| Olive Ridley Turtles | Beach track counts | - | Tiwi Rangers | Tiwi Is. |  | Letter prepared | N |
| Flatback, Green, Olive Ridley and Hawksbill Turtles | Beach track counts | - | Cobourg Rangers | Cobourg |  | Letter prepared | N |
| Marine turtles, inshore dolphin and Dugong 2012,13 and 14 | Boat, aerial (point and strip) and land survey | multiple | INPEX, Cardno Pty Ltd | Darwin Harbour | Cardno, 2015 |  | N |
| Marine turtle (Green and Hawksbill) 2012 | Satellite tracking | 1 green, 1 hawksbill | INPEX | Darwin Harbour | Cardno, 2015  |  | N |
| Turtles (all species) Note: some data used in SPRAT | Flipper tag recoveries, beach monitoring, satellite tracking |  | QLD department of Environment and Science | All North Marine Bioregion | Col Limpus | Contacted | N |
| Estuarine Crocodile | Satellite tracking | 28 | CDU (Hamish Campbell) | Western Cape York | Open access on ZoaTrack.org |  | N |
| Estuarine Crocodile | Satellite tracking | 11 | UQ (Ross Dwyer) | Wenlock River, Cape York | Open access on ZoaTrack.org |  | N |
| Coastal dolphins | Capture-recapture from boat |  | INPEX, DENR | Darwin Harbour | Brooks *et al.* 2017 | Contacted | Y |
| Shorebirds | Sightings | 2 datasets | QWSG | Gulf Carpentaria | Peter Driscoll | Contacted | Data pending |
| Shorebirds | Sightings (occasional sampling) | - | CLCAC | Gulf Carpentaria | Roger Jaensch, Jory Stariwat | contacted | Data pending |
| Shorebirds | Sightings | multiple | eBird | Australia | Online data repository | Contacted | Y |
| Shorebirds | Long-term monitoring | multiple | Birds Australia | North Marine Bioregion | Connie/ Dan/ Doug | Contacted | N |
| Shorebirds | Satellite tracking | 1 dataset | Monash University | Ashmore but birds might be using North Marine Bioregion | Rohan Clarke | Contacted | N |
| Eastern Curlew | Satellite tracking | 2 | CDU (Amanda Lilleyman) | Darwin Harbour | Open access on Zoatrack.org | Downloaded | Y  |
| Shorebirds and turtles 2003, 2008Note: These data appear to have been incorporated into the SPRAT distribution maps | Ground and aerial surveys | multiple | Parks and Wildlife NT, DENR | Coast, islands and major wetlands of NT | Chatto, 2003Chatto and Baker, 2008. Data freely available in ALA WildWatch and NRMaps | Downloaded | Y |
| Shorebirds, turtles and dolphins. 27 July to 3 Aug 2010 | Ground surveys (turtles and dolphins opportunistic sightings) | 23 sites | DoEE | Coburg Peninsula RAMSAR site | AECOM 2010. | Contacted | N |
| Dugong and other marine megafauna 2015 | Aerial survey | Multiple | DENR | Entire NT coastline | Groom *et al*. 2017 | Contacted | Y |
| Coastal dolphins 2014-2017 | Helicopter and fixed wing aerial surveys | Multiple | DENR | 39 estuarine and coastal sites across NT coast | Palmer et al 2017 | Contacted | Y |
| Coastal dolphins | Surveys |  | JCU | Northwest Gulf of Carpentaria and Melville Bay | Beasley *et al.* 2012 | Letter prepared | N |
| Coastal dolphins | Entanglement locations | Multiple |  |  | Tulloch *et al*. | Contacted | Y |
| False Killer whales | Satellite tracking | 6 | DENR (Carol Palmer), CDU (Hamish Campbell) | Groote Eylandt (2) and Coburg Peninsula (4) | For Coburg data: Palmer et al. 2017Other 2 from Groote only just deployed | Contacted | Y |
| Dugong and other marine megafauna 1984, 1997, 2014Note: the 2003 data may have been incorporated into the SPRAT distribution maps | Aerial surveys | Multiple | DENR | Gulf of Carpentaria | Bayliss and Freeland (1989), Parks and Wildlife Service (2003)Groom *et al.* (2015) | Contacted | Y |
| Dugong | Aerial surveys | Multiple | JCU | Gulf of Carpentaria | Marsh et al. (2008) | Data pending | N |
| Dugong, dolphins an turtles Note: these data may have been incorporated into the SPRAT distribution maps | Aerial surveys | Multiple | JCU | Gulf of Carpentaria | Marsh and Lawler (1993), Marsh *et al*. 1995, Marsh *et al.* (2000) | Data pending | N |
| Marine mammals and turtles | Sightings | Multiple | DENR | All NT | Northern Territory WildWatch (http://root.ala.org.au/bdrs-core/nt-dlrm/home.htm) | Downloaded | Y |
| All species | Sightings | Multiple | QLD government | All QLD | WildNet – Queensland Wildlife Data (https://collections.ala.org.au/public/show/dr1132) | Downloaded | Y |
| All species | Sightings, telemetry | Multiple | Multiple | All North Marine Bioregion | ALA (https://www.ala.org.au/) | Downloaded | Y |
| All species | Sightings | Multiple | Multiple | All North Marine Bioregion | GBIF ( https://www.gbif.org/) | Downloaded | Y |

\*AATAMS = IMOS Animal Tracking Database, AODN = Australian Ocean Data Network, ALA = Atlas of Living Australia, ALT = Apudthama Land Trust; NAMRA=North Australia Marine Research Alliance; CDU=Charles Darwin University; CLCAC = Carpentaria Land Council Aboriginal Corporation (Indigenous rangers); CSIRO = Commonwealth Scientific and Industrial Research Organisation; CVA = Conservation Volunteers Australia; DBCA = Department of Biodiversity, Conservation and Attractions; DENR = Department of Environment and Natural Resources; EHP= Department of Environment and Heritage Protection; GBIF = Global Biodiversity Information Facility, GMR= Gumurr Marthakal Rangers; JCU=James Cook University; LSR = li Anthawirriyarra Sea Rangers; NTG=Northern Territory Government; QWSG = Queensland Wader Study Group; TLC= Tiwi Land Council; UQ = University of Queensland; UTas=University of Tasmania; UWS= University of Wales Swansea; WWF=World Wide Fund.