

### Supplementary Material

#### **An anecdotal observation of an amputee sawfish recapture and development of safe release guide for Papua New Guinea gillnet fisheries**

*Michael I. Grant<sup>A,B,\*</sup>, Yolarnie Amepou<sup>B</sup>, Andrew Chin<sup>A</sup>, Sarah J. Hill<sup>C</sup>, Dana Maggacis<sup>C</sup>, and Madeline Green<sup>D,E</sup>*

<sup>A</sup>Centre for Sustainable Tropical Fisheries and Aquaculture and College of Science and Engineering, James Cook University, Townsville, Qld 4814, Australia.

<sup>B</sup>Piku Biodiversity Network, Waigani Drive, Ensisi Valley, Port Moresby, National Capital District 121, Papua New Guinea.

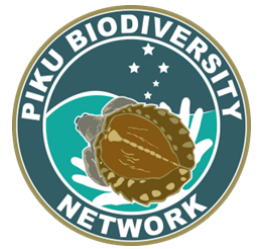
<sup>C</sup>Chunky Duck, 11 Kimberly Way, Happy Valley, SA 5159, Australia.

<sup>D</sup>Centre for Marine Socioecology, University of Tasmania, Hobart, Tas. 7004, Australia.

<sup>E</sup>CSIRO Environment, Castray Esplanade, Hobart, Tas. 7004, Australia.

\*Correspondence to: Michael I. Grant Centre for Sustainable Tropical Fisheries and Aquaculture and College of Science and Engineering, James Cook University, Townsville, Qld 4814, Australia Email: Michael.grant4@jcu.edu.au

# YOU CAN HELP SAVE SAWFISH CAUGHT IN A NET

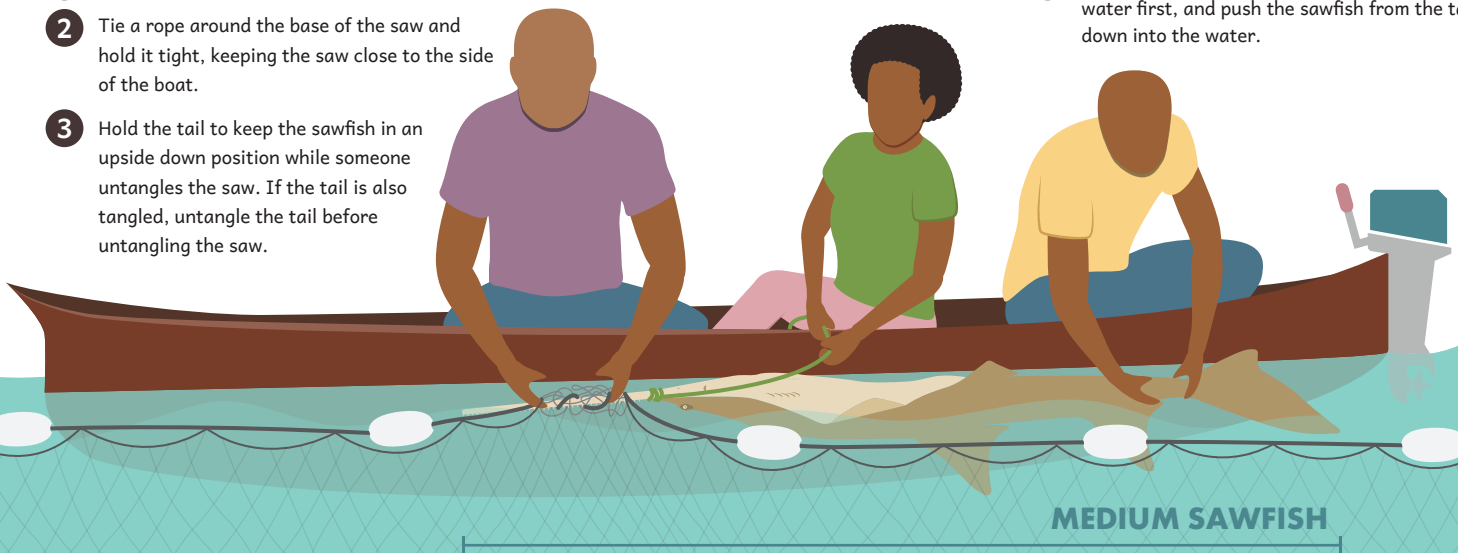


SMALL SAWFISH

- 1 Turn the sawfish upside down.
- 2 Position yourself over the sawfish.
- 3 Hold base of saw with one hand and untangle the net with the other hand (this can be done in the water or in the boat).

- 1 Turn the sawfish upside down.
- 2 Tie a rope around the base of the saw and hold it tight, keeping the saw close to the side of the boat.
- 3 Hold the tail to keep the sawfish in an upside down position while someone untangles the saw. If the tail is also tangled, untangle the tail before untangling the saw.

- 4 To release, point head and saw down into the water first, and push the sawfish from the tail down into the water.



MEDIUM SAWFISH



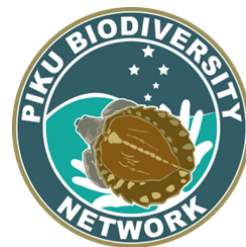
LARGE SAWFISH

- 1 Turn the sawfish upside down. Tie a rope around the base of the saw and hold it tightly, close to the side of the boat is safest.
- 2 Hold the tail (or tie a rope to secure tail), keeping the tail fin just out of the water.

- 3 Hold the middle fins, to keep the animal upside down. This is very important for safety when handling large sawfish. It is also good to try to keep gills under water so the animal can breathe.

- 4 Untangle the saw. If the tail is also tangled, untangle it before untangling the saw. To release, point the head and saw down into the water and then push the sawfish from the tail down into the water.

# YU I KEN HALIVIM SO SAK I PAS LONG NET LONG GO BEK LONG WARA SEIF



- 1 Tanim so sak bai bel bilong em aninit i tanim kam antap.
- 2 Putim so sak i mas stap aninit long yu.

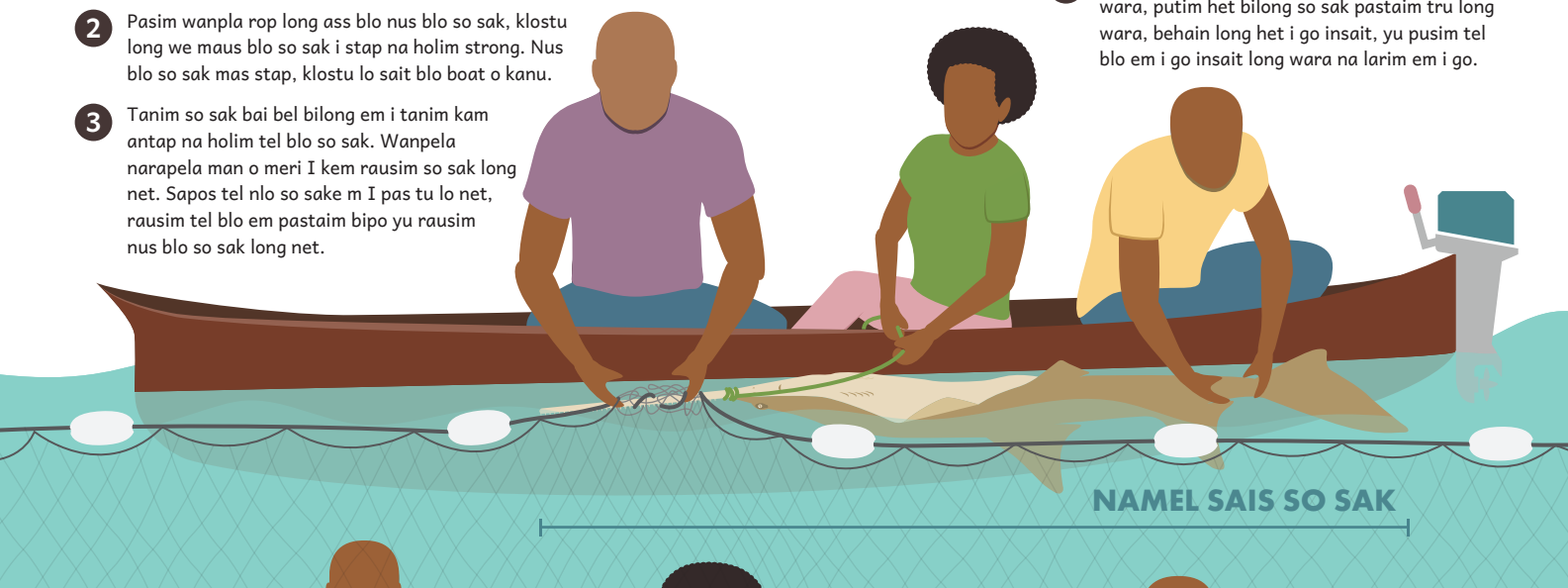
- 3 Holim nus blo so sak long hap i klostu long we maus bilong em i stap wantaim wanpela han na rausim net long nus blo so sak wantaim narapela han. (Yu i ken wokim dispela insait long wara o antap long boat o kanu)



LIKLIK SO SAK

- 1 Tanim so sak bai bel bilong em aninit i tanim kam antap.
- 2 Pasim wanpla rop long ass blo nus blo so sak, klostu long we maus blo so sak i stap na holim strong. Nus blo so sak mas stap, klostu lo sait blo boat o kanu.
- 3 Tanim so sak bai bel bilong em i tanim kam antap na holim tel blo so sak. Wanpela narapela man o meri I kem rausim so sak long net. Sapos tel nlo so sake m I pas tu lo net, rausim tel blo em pastaim bipo yu rausim nus blo so sak long net.

- 4 Long taim bilong lusim so sak i go bek long wara, putim het bilong so sak pastaim tru long wara, behain long het i go insait, yu pusim tel blo em i go insait long wara na larim em i go.



NAMEL SAIS SO SAK



BIKPELA SO SAK

- 1 Tanim so sak bai bel bilong em i tanim kam antap. Pasim rop lo ass bilong nus klostu lo we maus bilong em i stap na holim strong dispela rop na nus. Tingim sefti blo yu na na wokim disla klostu lo sait blo kanu or dingi.
- 2 Holim tel bilong so sak (o pasim wanpela rop long holim dispela tel). Baksait tel bilong so sak bai i stap liklik tasol arasait long wara.

- 3 Holim ol namel pin bilong so sak bai so sak i no ken tanim na bel bilong em mas stap antap. Long sefti bilong yu, noken larim bikpela so sak i tanim. Bel bilong so sak i mas stap aninit long wara taim yu wok long rausim em long net. Het bilong so sak i mas stap aninit long wara, bai rot bilong em long pulim win i noken pas, so sak i mas pulim win stap taim yu halivim em i stap.

- 4 Rausim net long nus blo so sak. Sapos tel blo so sak tu i pas long net, rausim pastaim tel blo so sak long net bipo yu rausim nus blo em. Long taim bilong lusim so sak go bek long wara, holim het na nus i go daun long wara behain yu pusim so sak long tel blo em i go insait lo wara.