

AUSTRALIAN MARINE DEBRIS INITIATIVE



Senior years 7-10

Lesson 3

River rubbish

This is how some of the rubbish ends up becoming marine debris



Look at this picture of rubbish in a river making its way to the ocean. I wonder where it is and if it will end up on your beach?

Photo: William Rodriguez/Marine Photobank



Plastic bag mockumentary



<http://www.youtube.com/watch?v=GLgh9h2ePYw>

Indonesia's River of Rubbish



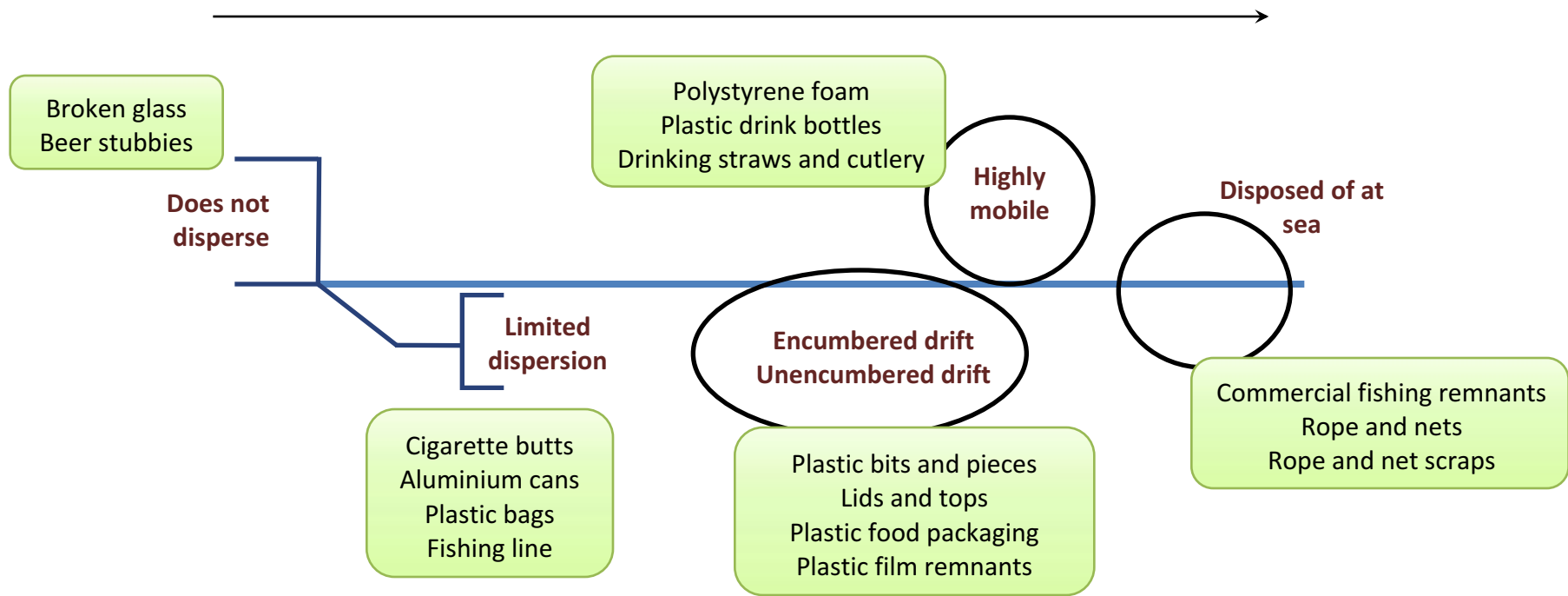
<http://www.youtube.com/watch?v=Gu6Gu0tQoqI>

Marine Debris Source Pattern, Queensland

Site	Number of Clean-ups	Total Items	Average of Land Source Index	Average of Sea Source Index	Average of Percentage of Plastic	Site Locality	Centre
Thursday Island Federal Beach	10	1809	62%	38%	46%	Thursday Island	Torres Strait
Chilli Beach Middle	4	4215	1%	99%	93%	Cape Weymouth	Lockhart
Cape Kimberley North and South	6	54233	3%	97%	76%	Cape Kimberley	Cape Kimberley
4MB Middle Section	129	54280	47%	53%	69%	Port Douglas	Port Douglas
Tallebudgera Beach	1	1144	45%	55%	57%	Palm Beach	Gold Coast

How the index works

Decreasing chance of the item having a local source
with respect to the clean-up location



James Cook University marine debris data on Ross River, Townsville

Kay Critchell 2012 – Research topic data



Protect Our Oceans