

Don't leave your tackle behind answers

Code 5

		1 D					2 F											
	3 F	O	O	T	P	R	I	N	T	S							4 R	
		G					S										U	
		P					H			5 C							B	
	6 H	O	O	K			7 F	I	S	H	I	N	G				B	
		O					N			G							I	
						8 R	E	G	U	L	A	T	I	O	N	S		
			9 P				L			R							H	
		10 P	L	A	S	T	I	C		E								
			A				N			11 T	A	C	K	L	E			
			N				E			T								
			T							12 N	E	T	13 S					
			S										U					
										14 R	A	I	N					

Clues

Across

- leave only these when fishing please (10)
- complete, by ____ or by crook
- a recreational sport (7)
- by these we fishers must abide (11)
- fish are easily fooled by this tricky tasty treat (7)
- another name for fishing gear (6)
- when cast a drift these continue to fish (4)
- complete, only ____ down the drain



Down

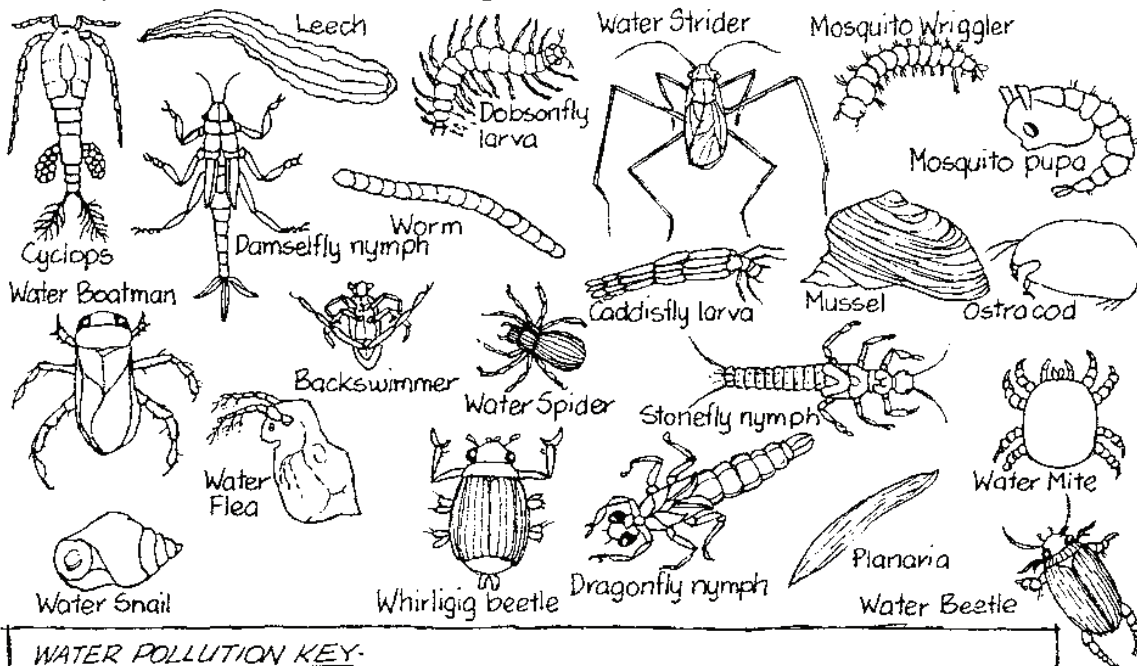
- stinky this may be, but waterways are no place for it you see (3, 3)
- invisible but deadly for our finned friends (11)
- don't bury this! (7)
- lethal butts (9)
- without these on land and in sea, belly up we would all be (6)
- warm and sky high, without it, living things can't get by (3)



Water Sleuths

Code 6

WATER 'MINI-BEASTS' - HOW MANY CAN YOU FIND?



WATER POLLUTION KEY:

Stream animals live in waters with different levels of pollution. Here are some of the animals to be found in polluted waters. Simple sampling methods will show what animals, if any, are present.

Unpolluted water

Many different kinds -



Slight pollution

Fewer kinds present -
Stonefly and Mayfly nymphs (Rare)
Many snails.



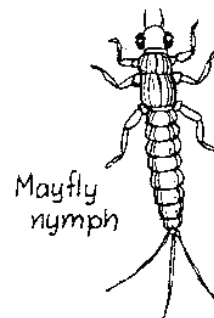
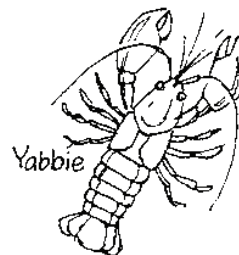
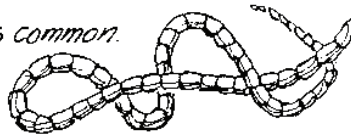
Moderate Pollution

Often contains less than five species.



Heavy Pollution

Two - three kinds only. Worms common.

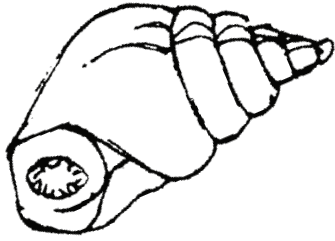


²⁰ Graphics Key: Sourced from p.47 Lets Clean up the Water A Workbook on Water Pollution.



'Aquatic heads'

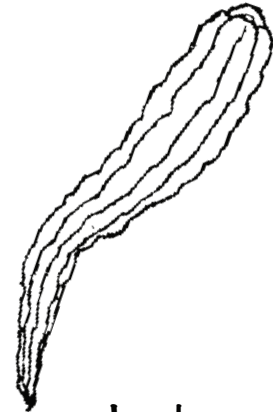
Code 6



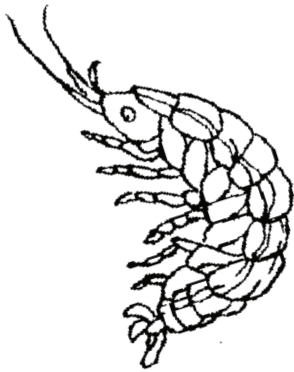
Small Black Water Snail



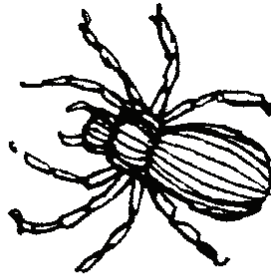
Dragonfly Larva



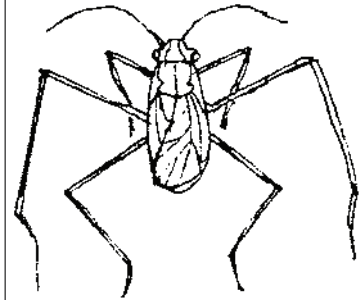
Leech



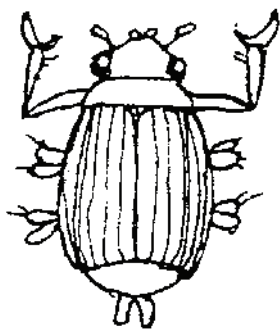
Freshwater Shrimp



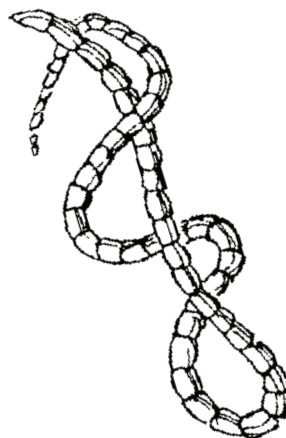
Water Spider



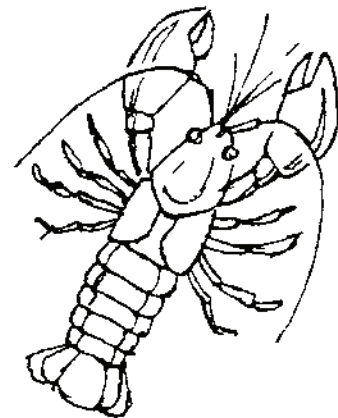
Water Strider



Whirligig Beetle



Worm



Yabby



'Quality catchments equal quality fish'

Code 6

Choose the closest waterway to your home or school. Find out as much as you can about it. Start by answering these questions.

- What sort of waterway have you chosen (beach, creek, lake etc)?

.....

- Draw a map to show the location of your waterway and what surrounds it, e.g. houses, your school, shops, factories or forest.



A large empty rectangular box with a green border, intended for drawing a map of the waterway and its surroundings.



Code 6

■ How far is it from your home or school?

■ Draw some of the:

Plants

--	--	--	--

animals (or the clues they leave behind like poo, bubbles and scratches)

--	--	--	--

■ What sounds can you hear?

■ What can you smell?

■ What do people do in and around your waterway?

■ Has human activity changed the waterway? How?

■ What changes to the way people use the waterway would you make? Why?

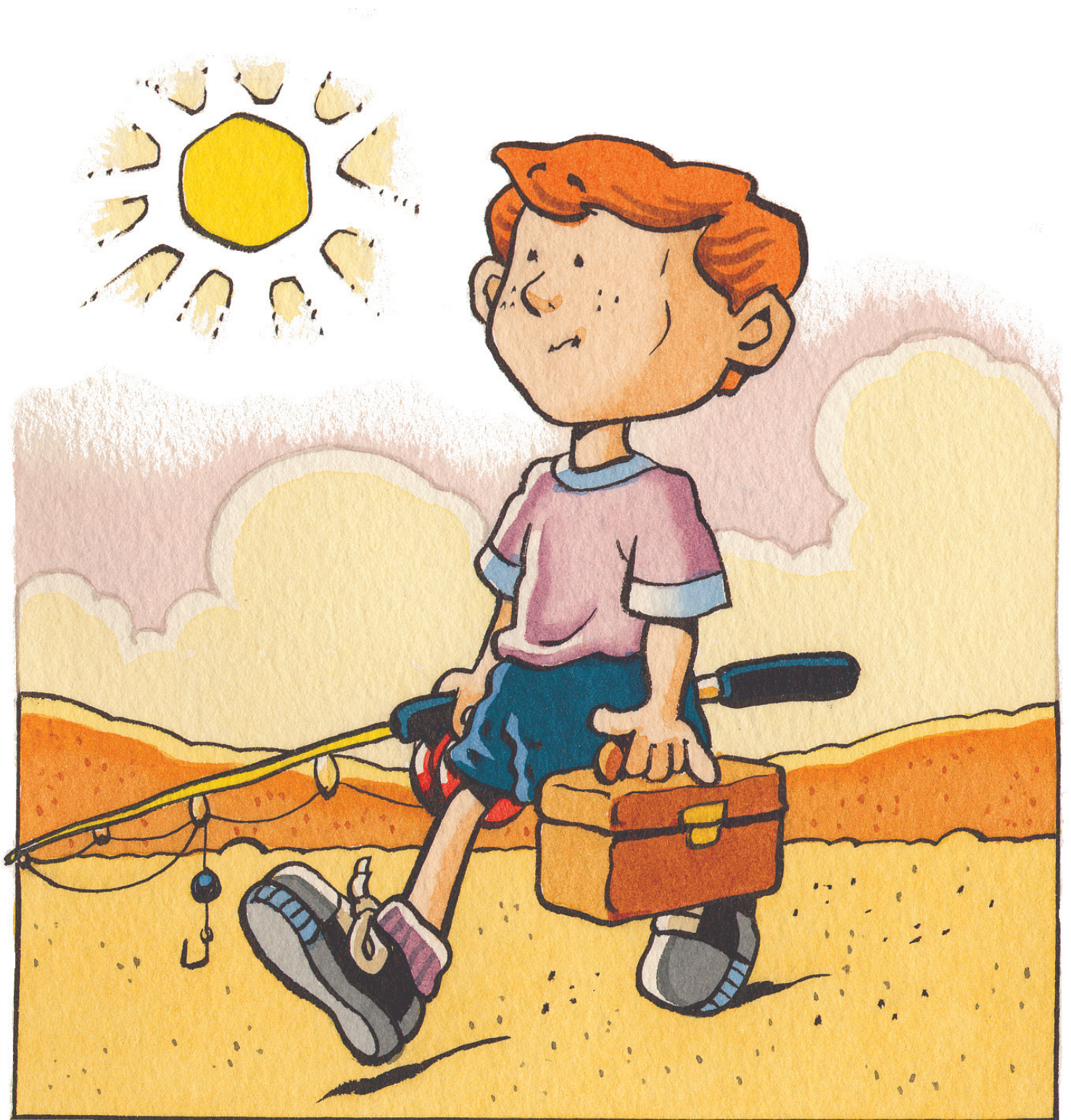
■ Are there any groups caring for this waterway?

■ Who else could you ask about this waterway to find out more information?

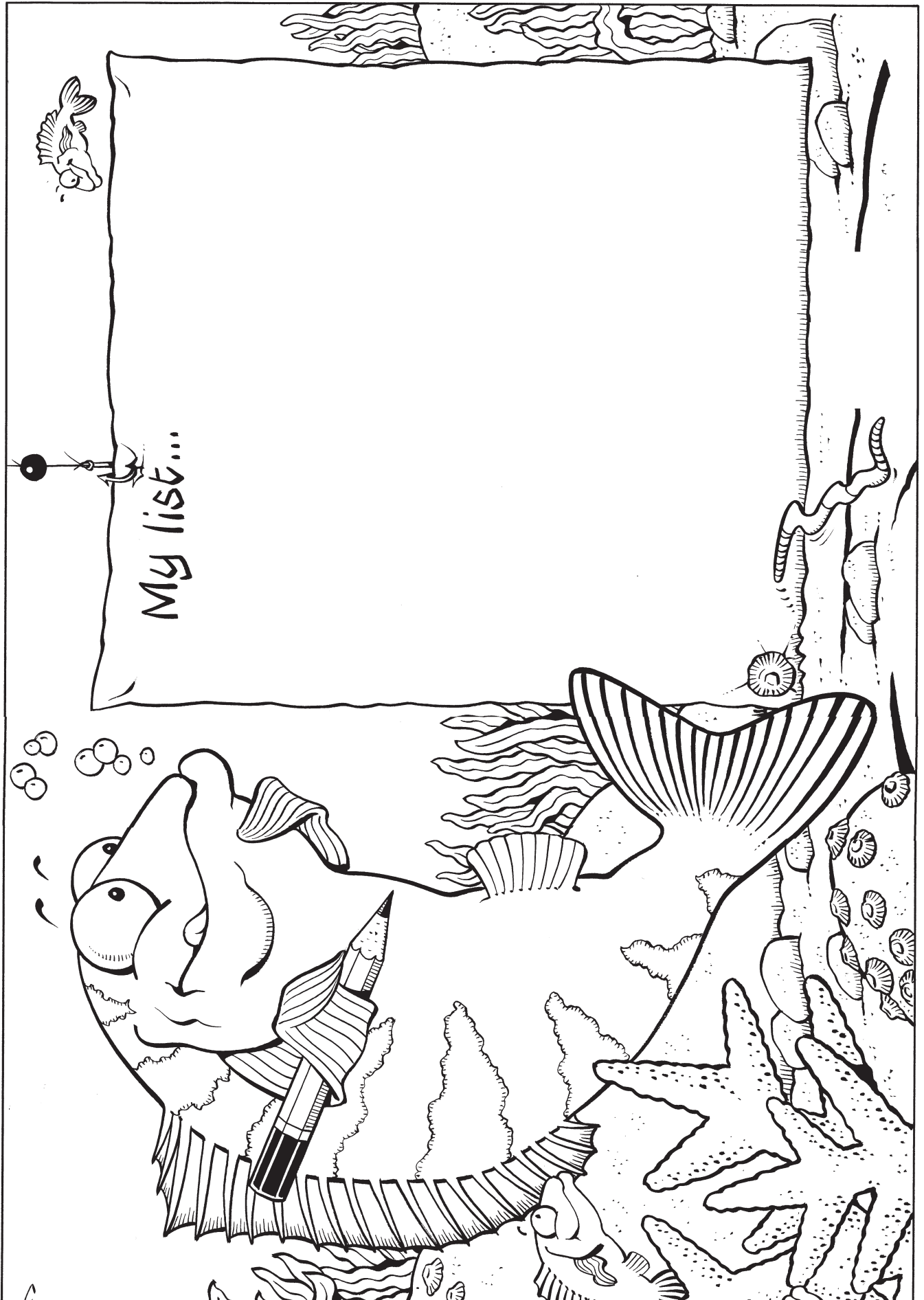
Time to share your discoveries! Why not create a poster, verbally present the information to your class or family, write a poem, mount an exhibition of photos...there are heaps of fun things to do.



Appendix 7: Tom



Appendix 8: Wilbur the Wise Fish whiteboard



Appendix 9:

a) Contacts

Government and non-government organisations

Listed below are useful contact details for various government and non-government agencies, community groups, organisations and programs. Contact details are current as of June 2007

Arts, Sport and Recreation, NSW Department of

6 Figtree Drive
Sydney Olympic Park NSW 2127
Locked Bag 1422
Silverwater NSW 2128
Telephone: 02 9006 3700
13 13 02
Website: <http://www.dsr.nsw.gov.au>

Australian Fisheries Management Authority

Level 6
73 Northbourne Ave
Civic ACT 2600
PO Box 7051
Canberra ACT 2610
Telephone AFMA Direct: 1300 723 621
Reception: 02 6225 5555
Facsimile: 02 6225 5500
Website: <http://www.afma.gov.au/>

Australian Government Envirofund

Funding for community groups undertaking local environmental projects
Telephone: 1800 303 863
Website: <http://www.nht.gov.au/envirofund/>

Australian Institute of Marine Science

Headquarters
PMB No. 3
Townsville MC
Townsville QLD 4810
Telephone: 07 4753 4444
Website: <http://www.aims.gov.au/>

Australian Marine Conservation Society

National Office
Level 2 / 75 Cambridge Pde

Manly QLD 4179
PO Box 5136
Manly QLD 4104
Telephone: 07 3393 5811
Freecall: 1800 066 299
Facsimile: 07 3393 5833
Website: <http://www.amcs.org.au/>

Australian Museum

6 College Street,
Sydney NSW 2010
Telephone: 02 9320 6000
Website: <http://www.austmus.gov.au>

Australian National Maritime Museum

2 Murray Street
Darling Harbour NSW 2009
GPO Box 5131
Sydney NSW 2001
Telephone: 02 9298 3777
Education 02 9298 3655
Website: <http://www.anmm.gov.au/>

Beachwatch

Environment and Climate Change, NSW Dept. of
59-61 Goulbourn Street
Sydney NSW 2000
P.O. Box A290
Sydney South NSW 1232
Telephone: 02 9995 5344
Information Line: 1800 036 677
Website: <http://www.environment.nsw.gov.au/beach/>

Board of Studies NSW

117 Clarence Street
Sydney NSW 2000
GPO Box 5300
Sydney NSW 200
Telephone: 02 9367 8111
Website: <http://www.boardofstudies.nsw.edu.au>



Bureau of Meteorology

Level 16, 300 Elizabeth Street
Sydney NSW 2000
P.O. Box 413
Darlinghurst NSW 2010
Telephone: 02 9296 1555
Facsimile: 02 9296 1567
Website: <http://www.bom.gov.au/>

Clean Up Australia

18 Bridge Street
Glebe NSW 2037
Telephone: 02 9552 6177
1800 282 329
Facsimile: 02 9552 4468
Website: <http://www.cleanup.org.au/>

Coastcare

Website: <http://www.coastcare.com.au>

CSIRO Australia

Bag 10
Clayton South VIC 3169
Telephone: 1300 363 400
Facsimile: 03 9545 2175
Website: <http://www.csiro.au/>

CSIRO Marine and Atmospheric Research

GPO Box 1538
Hobart TAS 7001
Telephone: 03 6232 5222
Enquiries: 1300 363 400
Facsimile: 03 6232 5000
Website: <http://www.cmar.csiro.au/>

Education & Training, Department of NSW

GPO Box 33
Sydney NSW 2001
Telephone: 02 9561 8000
Website: <https://www.det.nsw.edu.au/>

Environment and Climate Change, NSW Department of

59-61 Goulburn Street
Sydney NSW 2000
PO Box A290
Sydney South 1232
Telephone: 02 9995 5000
13 15 55

Pollution Line

(24 hours for pollution incident reports)
Telephone: 13 15 55
02 9995 5555
Website: <http://www.environment.nsw.gov.au/pollution>

Environment Centres:

Manly Environment Centre

41 Belgrave Street
Manly NSW 2095
Telephone: 02 9976 2842
Facsimile: 02 9976 3849
Website: <http://www.mec.org.au/>

Sutherland Shire Environment Centre

Shop 4
5 - 7 Boyle St
Sutherland NSW 1499
Telephone: 02 9545 3077
<http://www.ssec.org.au/>

Pittwater Council - Coastal Environmental Centre

(In the Sydney Lakeside Holiday Park)
Lake Park Road
North Narrabeen NSW 2101
Telephone: 02 9970 6905
<http://www.pittwater.nsw.gov.au/environment/cec>

Environmental funding programs – (national)

Natural Heritage Trust Programs E.g. - Coastcare
Telephone: 1800 065 823
Website: <https://www.nht.gov.au/>
Funding for NHT programs is administered by: Department of Environment, Water, Heritage and Arts.
Telephone: 02 6274 1111
Department of Agriculture Fisheries and Forestry
Telephone: 02 6272 3933



**Environment, Water, Heritage and the Arts,
NSW Department of**

John Gorton Building
King Edward Terrace
Parks Canberra ACT 2600
GPO Box 787
Canberra ACT 2601
Telephone: 02 6274 1111
Facsimile: 02 6274 1666
Website: <http://www.environment.gov.au>

Fishnet

P.O Box 2183
Caulfield Junction 3161
Phone: (03) 9593 6888
Website: <http://www.fishnet.com.au/>

**Fisheries Research and Development
Corporation**

Fisheries Research House
PO Box 222
Deakin West ACT 2600
Telephone: 02 6285 0400
Website: <http://www.frdc.com.au/>

Fisheries Agencies – NSW

*NSW Department of Primary Industries
(Agriculture and Fisheries Division)*
Cronulla Fisheries Centre
PO Box 21
Cronulla NSW 2230
Telephone: 1300 550 474
Website: <http://www.dpi.nsw.gov.au/>
Email: information-advisory@dpi.nsw.gov.au

Fisheries Agencies - Other States

**Fisheries Research and Development
Corporation**

Fisheries Research House
25 Geils Court
PO Box 222
Deakin West ACT 2600
Telephone: 02 6285 0400
Website: <http://www.frdc.com.au/>

Northern Territory

Department of Primary Industry, Fisheries and Mines
Fisheries Group
Berrimah Farm
Makagon Road
Berrimah NT 0828
GPO Box 3000
Darwin NT 0801
Telephone: 08 8999 2144
Website: <http://www.nt.gov.au/dpifm/Fisheries/>

Queensland

Department of Primary Industries and Fisheries
Central Office, Primary Industries Building
80 Ann St
GPO Box 46
Brisbane QLD 4001
Telephone: 13 25 23
Website: <http://www.dpi.qld.gov.au>

Fishwatch hotline: 1800 017 116

South Australia

*Department of Primary Industries and Resources
PIRSA Fisheries*
2 Victoria Rd
Birkenhead
PO Box 282
Port Adelaide SA 5011
Telephone: 08 8347 6100
Website: <http://www.pir.sa.gov.au/fisheries/>
Fishwatch: 1800 065 522

Tasmania

Department of Primary Industries and Water
Hobart TAS 7001
GPO Box 44
Hobart TAS 7001
Telephone: 1300 368 550
Website: <http://www.dpiw.tas.gov.au/>



Victoria

Department of Primary Industries

Fishing and Aquaculture

Main Foyer, 1 Spring Street

Melbourne Vic 3000

Telephone: 03 9658 4440

Customer Service: 136 186

Email: customer.service@dpi.vic.gov.au

Website: <http://www.dpi.vic.gov.au/>

Western Australia

Department of Fisheries

Locked Bag 39

Cloisters Square WA 6850

Telephone: 08 9482 7333

Website: <http://www.fish.wa.gov.au/>

Fishwatch: 1800 815 507

Fishing and Diving Organisations:

Australian National Sportfishing Association (NSW)

PO Box 328

Matraville NSW 2035

Website: <http://www.ansa.com.au/>

Australian Fishing Tackle Association (AFTA)

PO Box 5117

Eleanora Heights NSW 2101

Telephone: 02 9944 6210

Central Coast Association of Angling Clubs

8 Akora Avenue Wyoming 2250

Telephone: 02 4328 2307

Website: <http://www.nswfca.com.au/cencos1.html>

Central Coast Blue Water Fishing Association

26 Akora Road

Wyoming NSW 2250

Telephone: 02 4328 4594

Website: <http://www.nswfca.com.au/cencos2.html>

NSW Council of Freshwater Anglers

P.O. Box 84

Sydney NSW 2001

Website: <http://www.freshwateranglers.com.au>

Native Fish Australia

PO Box 162

Doncaster VIC 3108

Telephone: 03 9848 2285

Website: <http://www.nativefish.asn.au/>

NSW Fishing Clubs Association

7 Roto Place

Port Macquarie NSW 2444

Telephone: 02 6584 2728

<http://www.nswfca.com.au/>

Gamefishing Association of Australia

<http://www.gfaa.asn.au/>

RECFISH Australia

PO Box 187

Grange QLD 4051

Telephone: 07 3356 1111

Website: <http://www.recfish.com.au>

Great Barrier Reef Marine Park Authority

2-68 Flinders Street East

PO Box 1379

Townsville QLD 4810

Telephone: 07 4750 0700

Website: <http://www.gbrmpa.gov.au/>

Greening Australia NSW

142 Addison Road

Marrickville NSW 2204

Telephone: 02 9560 9144

Website: <http://www.greeningaustralia.org.au/>

Hatcheries / Research Centres:

Port Stephens Fisheries Centre

Taylor's Beach Road

Taylor's Beach NSW 2316

Locked Bag 1

Nelson Bay NSW 2316

Telephone: 02 4982 1232

Cronulla Centre of Excellence

202 Nicholson Parade

PO Box 21

Cronulla NSW 2230

Telephone: 02 9527 8411

L P Dutton Trout Hatchery

Point Lookout Road



Ebor NSW 2453
Telephone: 02 6775 9139

Gaden Trout Hatchery

Kosciusko Road
Jindabyne NSW 2627
Telephone: 02 6456 2335

Grafton Aquaculture Centre

Trenayr Road
Junction Hill
Grafton NSW 2460
Telephone: 02 6644 1600

Narrandera Fisheries Centre

Buckingbong Road
Narrandera NSW 2700
Telephone: 02 6959 9021

Indigenous Organisations

NSW Aboriginal Lands Council

9th Floor 33 Argyle Street
Parramatta NSW 2150
PO BOX 1125
Parramatta NSW 2124
Telephone: 02 9689 4444
Website: <http://www.alc.org.au/>

NSW Aboriginal Education Consultative Group

Head Office
37 Cavendish Street
Stanmore NSW 2048
Telephone: 02 9550 5666
Website: <http://www.nswaecg.com.au/>

Landcare NSW

The lead NSW Government agency for landcare is the Department of Environmental and Climate Change
Website: <http://www.landcarensw.org/>

Land and Water Australia landscapes R & D

Website: <http://www.lwa.gov.au>

Marine and Coastal Community Network

MCCN National Office
PO BOX 709

Spit Junction NSW 2088
Telephone: 1800 815 332
Website: <http://www.mccn.org.au>

Murray Darling Basin Commission

51 Allara St
GPO Box 409
Canberra ACT 2601
Telephone: 02 6279 0100
Website: <http://www.mdbc.gov.au/>

Marine Discovery Centres:

Marine Discovery Centre Bondi Beach

Bondi Pavilion
Queen Elizabeth Drive
Bondi Beach NSW 2026
Telephone: 02 9300 0974
Website: <http://www.marinediscovery.org.au/>

Marine Discovery Centre Ballina

Ballina High Marine Discovery and Resource Centre
Burnet Street
Ballina NSW 2478
Telephone 02 6686 2133
Website: <http://www.ballina-h.schools.nsw.edu.au/>

Marine Parks Authority NSW

C/- GPO Box 1967
Hurstville NSW 1481
Telephone: 1300 361 967
Website: <http://www.mpa.nsw.gov.au/>

Solitary Islands Marine Park

PO Box J297
Coffs Harbour NSW 2450
Telephone: 02 6652 0900

Port Stephens Great Lakes Marine Park

Lock Bag 800
Nelson Bay NSW 2315
Telephone: 02 4916 3970
email: psglmp@mpa.nsw.gov.au

Batemans Bay Marine Park

PO Box 341
Narooma NSW 2546
Telephone: 02 4476 4800



Jervis Bay Marine Park

PO Box 89
Huskisson NSW 2540
Telephone: 02 4441 7752

Lord Howe Island Marine Park

PO Box 161
Lord Howe Island NSW 2898
Telephone: 02 6563 2359

Cape Byron Marine Park**NSW Dept. Environment and Climate Change**

PO Box 127
Byron Bay NSW 2481
Telephone: 02 6620 9300

NSW Maritime Authority

James Craig Road
Rozelle Bay NSW 2039
Locked Bag 5100
Camperdown NSW 1450
Telephone: 02 9563 8511
13 12 56
Website: <http://www.maritime.nsw.gov.au/>

Ocean Watch

Locked Bag 247
Pyrmont NSW 2009
Telephone: 02 9660 2262
Website: <http://www.oceanwatch.org.au/>

Sea Net Program

Telephone/Fax: 02 9660 2262
Website: <http://www.oceanwatch.org.au/snindex.htm>

Seafood School

Sydney Fish Market
Banks Street,
Pyrmont NSW 2009
Locked Bag 247
Pyrmont NSW 2009
Telephone: 02 9004 1111
Fishline: 02 9004 1122
Website: <http://www.sydneyfishmarket.com.au/>

Streamwatch

A Sydney Water initiative
Website: <http://www.streamwatch.org.au/>

Surf Life Saving Australia

Surf House, Level 1
1 Notts Avenue
Locked Bag 2
Bondi Beach NSW 2026
Telephone: 02 9300 4000
Website: <http://www.slsa.asn.au/>

Sydney Aquarium

Aquarium Pier
Darling Harbour NSW 2000
Telephone: 02 8251 7800
Website: <http://www.sydneyaquarium.com.au/>

Sydney Fish Market

Banks Street
Locked Bag 247
Pyrmont NSW 2009
Telephone: 02 9004 1100
Fishline: 02 9004 1122
Website: <http://www.sydneyfishmarket.com.au/>

Sydney Water

PO BOX 53
Sydney South NSW 2135
Telephone: 13 20 92

Sydney City

Ground Floor, 115 - 123 Bathurst St,
Sydney 2000

Wollongong

120 Smith St,
Wollongong 2500
Website: <http://www.sydneywater.com.au/>

Taronga Zoo

Bradleys Head Road
P.O. Box 20
Mosman NSW 2088
Telephone: 02 9969 2777
Website: <http://www.zoo.nsw.gov.au/>

Waterwatch NSW

Department of Environment and Climate Change
Telephone: 02 9895 7402
National website: www.waterwatch.org.au/



Internet sites

Refer also to the internet websites mentioned on previous pages.

ABC Online Oceans Alive

<http://www.abc.net.au/oceans/alive.htm>

Atlas - Coast of NSW

<http://www.canri.nsw.gov.au/aca/>

Atlas - Natural Resources of NSW

<http://www.canri.nsw.gov.au/>

Atlas - Wetlands of Australia

<http://www.environment.gov.au/water/publications/environmental/wetlands/database/>

Atlas - Wildlife of NSW

<http://wildlifeatlas.nationalparks.nsw.gov.au/wildlifeatlas/watlas.jsp>

Australian Institute of Marine Science

<http://www.aims.gov.au>

Centre for Marine Studies (Queensland University)

<http://www.marine.uq.edu.au/index.html>

Dive-Oz

<http://www.diveoz.com.au/>

Dolphin Research Institute Inc

<http://www.dolphinresearch.org.au>

'Dragon Search'

<http://www.dragonsearch.asn.au>

Egg-capsules of sharks and skates

<http://www.rajidae.tmfweb.nl/>

Field Activities for Coastal and Marine Environments

<http://www.environment.gov.au/coasts/publications/series/report10.html>

Fishnet

<http://www.fishnet.com.au/>

Google Earth

<http://earth.google.com>

Government Directory - NSW

<http://www.directory.nsw.gov.au/>

Great Barrier Reef Aquarium

<http://www.reefhq.com.au/>

Kids in Boats

http://www.safeboating.org.au/Boating/Kids_in_Boats/

Landcare Community Information Online

<http://www.landcareonline.com>

Marine and Freshwater Resources Institute

<http://www.austehc.unimelb.edu.au/asaw/biogs/A001130b.htm>

Marine Life Society for South Australia

<http://www.mlssa.asn.au/>

Monsters of the Deep

<http://www.abc.net.au/science/ocean/monsters/default.htm>

Monterey Bay Aquarium - USA

<http://www.mbayaq.org/>

National Surfrider Foundation

<http://www.surfrider.org.au/>

National Tidal Centre

<http://www.bom.gov.au/oceanography/>

Native Fish Australia

<http://www.nativefish.asn.au>

Natural Resources Data Directory - NSW

<http://www.canri.nsw.gov.au/nrdd/>

Oceania Project

<http://www.oceania.org.au>

Oceanworld Manly

<http://www.oceanworld.com.au/>

RECFISH Australia

<http://www.recfish.com.au>

Recreational Fishing Information

<http://www.dpi.nsw.gov.au>



Sea Mammal Ecology Group

<http://www.zoo.latrobe.edu.au/staff/sdg>

Seaworld

<http://www.seaworld.com.au/>

Setting up and maintaining a marine aquarium

<http://www.saltaquarium.about.com/>

Sharks

<http://www.amonline.net.au/factsheets/sharks.htm>

Sydney Aquarium

<http://www.sydneyaquarium.com.au/>

Sydney Water

<http://www.sydneywater.com.au/>

The Bioluminescence Web Page

<http://lifesci.ucsb.edu/~biolum/>

The Bridge - Marine Education Resources

<http://www.vims.edu/bridge/>

The Rocky Shore 1999

<http://www.geocities.com/EnchantedForest/Dell/8662/rockyshore.html>

The South Australian Whale Centre

<http://www.victor.sa.gov.au/site/page.cfm?u=437>

The Tree of Life

<http://www.tolweb.org/tree/>

The Virtual Ocean

<http://www.euronet.nl/users/janpar/virtual/ocean.html>

Threatened species & Threatened Ecological Communities

<http://www.ea.gov.au/biodiversity/threatened/index.html>

UCMP Web Lift to Taxa

<http://www.ucmp.berkeley.edu/help/taxaform.html>

Whale-Watching-Web

<http://www.helsinki.fi/~lauhakan/whale/>



Appendix 9:

b) Teaching and learning resources

(Books, Magazines, CDs, Posters, Field Guides, etc)
These codes will help you to select appropriate resource materials.

(LP) Early Years K – Year 4

(UP) Middle Years Year 5 – Year 8

* Australian Book

NB: Prices mentioned below are correct at the time of publication and are subject to change by publishers and retailers.

Books (Non Fiction)

3-D Underwater World * **(LP)**

Blue Planet, Random House Australia
ISBN 0563533137

A Dolphin is not a Fish * **(LP)**

Scholastic Australia
ISBN 1865041262

All About Whales, Dolphins and Porpoises * **(LP & UP)**

Doug Priestly, Penguin Books
ISBN 0140561943

At the beach (small book) * **(LP)**

Josephine Croser, Era Publishing
ISBN 1863747656

Big Blue Whale **(LP)**

Nicola Davies / Nick Mullan, Walker Books
Australia
ISBN 0744562759

Coral Reef * **(LP)**

Scholastic Australia
ISBN 1865040983

Coral Reefs * (UP)

Australian Museum, Pan Macmillan Australia
ISBN 0732960576

Days At The Beach (big book) * **(LP)**

Amanda Graham, Era Publishing
ISBN 1863747494

Days At The Beach (small book) * **(LP)**

Amanda Graham, Era Publishing
ISBN 1863747486

Dolphins **(UP)**

Michael Bright / Blue Planet, Random House
ISBN 0563534087

Earth Alert! Coasts **(UP)**

John Baines, Hodder Headline Australia
ISBN 075023329X

Extraordinary Fish **(UP)**

Frances Dipper / Blue Planet, Random House
ISBN 0563534095

Fish * **(LP)**

Jill McDougall, Era Publishing
ISBN 1863746641

Fishing For Islands **(UP)**

John Nicholson, Allen and Urwin
ISBN 9781864485905

Gentle Giant Octopus **(LP)**

Karen Wallace / Mick Bostock, Walker Books
Australia
ISBN 0744562775

Hellow Fish Visiting The Coral Reef **(LP & UP)**

(\$10.95) Simon and Schuster,
Simon and Schuster Publishers
ISBN 9780792266976

Killer Whale * **(UP)**

Solo, Scholastic Australia
ISBN 1862914850

Killer Whales * **(UP)**

Mark Carwardine / Blue Planet, Random House
ISBN 0563534079



Leafy Seadragons (small book) * (LP)

Robyn Opie, Era Publishing
ISBN 1863747451

Mangroves * (UP)

Australian Museum, Pan Macmillan Australia
ISBN 0732960592

Max Fax Sharks (LP)

Claire Llewellyn, Hodder Headline Australia
ISBN 0750029722

Natural World: Dolphin (LP & UP)

Nic Davies, Hodder Headline Australia
ISBN 0750227451

Natural World: Great White Shark (LP & UP)

Brett Westwood, Hodder Headline Australia
ISBN 0750224525

Natural World: Killer Whale (LP & UP)

Mark Carwardine, Hodder Headline Australia
ISBN 0750224460

Ocean * (LP)

Scholastic Australia
ISBN 1865041203

Oceans * (UP)

Australian Museum, Pan Macmillan Australia
ISBN 0732960622

Oil Spill * (LP)

Tricia Oktober, Hodder Headline Australia
ISBN 0733609368

Reef * (LP)

Tricia Oktober, Hodder Headline Australia
ISBN 0733611672

Sea Creatures (UP)

Iqbal Hussain, Hodder Headline Australia
ISBN 9780854349309

Sea Creatures * (LP)

Scholastic Australia
ISBN 186504122

Seashores * (UP)

Australian Museum, Pan Macmillan Australia
ISBN 0732960606

Seashores (teachers notes)* (LP)

Debbie Simmonds, Era Publishing
ISBN 1863745351

Seashores. What Is This? (6 titles)* (LP)

Titles include: *Shells, Tide In; Tide Out, Fish Swim, Rockpools, Seagulls*
Debbie Simmonds, Era Publishing
ISBN 1863748777

Sharks (UP)

Gerald Legg, Watts Publishing
ISBN 97808650573771

Sharks, Sharks, Sharks * (LP)

Scholastic Australia
ISBN 1865041114

The Cods Tale (LP & UP)

Mark Kurlansky, Penguin Books
ISBN 9780399234767

The Platypus - What is It * (LP & UP)

Jo Brice, Penguin Books
ISBN 0141306920

Think Of An Eel (LP)

Karen Wallace / Mick Bostock, Walker Books
Australia
ISBN 0744562708

Under the Sea * (UP)

Investigate, Random House
ISBN 174051713X



Water * (LP)

Scholastic Australia
ISBN 1865040908

Wetlines * (LP)

Tricia Oktober, Hodder Headline Australia
ISBN 0733613543

Whales * (UP)

Investigate, Random House
ISBN 0091838266

What Comes in a Shell? * (LP)

Scholastic Australia
ISBN 186504122x

What's the Difference? Fish (LP)

Stephen Savage, Hodder Headline Australia
ISBN 0750224614

What Is A Fish (LP & UP)

Kalman, INT Press
ISBN 9780865058941

Books (Fiction)

Australian Marine Fish * (LP & UP)

Steve Parish, Steve Parish Publishing
ISBN 1876282738

Australian Sea Life * (LP & UP)

Steve Parish, Steve Parish Publishing
ISBN 1876282886

Aussie Angels 2: Whale of a Time * (UP)

Margaret Clark, Hodder Headline Australia
ISBN 0733610994

Aussie Angels 3: Seal With a Kiss * (UP)

Margaret Clark, Hodder Headline Australia
ISBN 0733611001

Aussie Angels 10: Dollar for a Dolphin * (UP)

Margaret Clark, Hodder Headline Australia
ISBN 0733612148

Aussie Angels 18: Shark in the Dark * (UP)

Margaret Clark, Hodder Headline Australia
ISBN 0733614884

Blueback * (UP)

Tim Winton, Pan Macmillan Australia
ISBN 0732909120

Dollar for a Dolphin * (UP)

Margaret Clark, Hodder Headline Australia
ISBN 0733612148

Egg Goes Fishing (LP)

Lark, Hodder Headline Australia
ISBN 9780733612497

Fishing (Activators series) (UP)

Jason Page, Hodder Headline Australia
ISBN 9780340791677

Fishing Fanatic Toocool * (LP & UP)

Phillip Kettle, Scholastic Australia
ISBN 9781865043364

Gasp! * (LP)

Terry Denton, Penguin Books
ISBN 014 0557008

Last Cast (UP)

Steve Dickinson, Scholastic Australia
ISBN 9781869433116

Michaela the Whaler * (LP)

Peter McFarlane, Harper Collins
ISBN 0207197776

My Friend Whales (LP)

Jamie Rix /Mike Gorden, Walker Books Australia
ISBN 0744523494

Nim's island * (LP)

Wendy Orr, Allan and Unwin
ISBN 1864488433

Old Shell New Shell * (LP)

Helen Ward, Koala Books
ISBN 064613709



Peter's Place (UP)

Sally Grindley & Michael Foreman, Random House
ISBN 1842700375

Sally and the Limpet (LP)

Simon James, Walker Books Australia
ISBN 0744582881

Serena and the Sea Serpent * (LP & UP)

Garth Nix, Penguin Books
ISBN 0141309407

Shark in the Dark * (UP)

Margaret Clark, Hodder Headline Australia
ISBN 0733614884

Splat! * (LP & UP)

Terry Denton Penguin Books
ISBN 0140564330

Straggler's Reef * (UP)

Elaine Forrestal, Penguin Books
ISBN 1863682546

The Fisherman and the Theefspray * (LP)

Paul Jennings, Penguin Books
ISBN 0140377263

The Hidden Forest * (LP & UP)

Jeannie Baker, Walker Books
ISBN 0744561639

The Magic Fish (LP)

Freya Littledale, Scholastic Australia
ISBN 9780590411004

The Magic School Bus on the Ocean Floor (LP)

Johanna Cole, Scholastic Australia
ISBN 1863882308

The Mermaid of Bondi Beach * (UP)

Gillian Rubinstein, Hodder Headline Australia
ISBN 0733609600

The Sign of the Seahorse * (LP & UP)

Graeme Base, Penguin Books
ISBN 0140544011

There's a Sea in my Bedroom * (LP)

Margaret Wild, Penguin Books
ISBN 0140540644

Wanderer * (UP)

Sharon Creech, Pan Macmillan Australia
ISBN 0330392921

Whale of a Time * (UP)

Margaret Clark, Hodder Headline Australia
ISBN 0733610994

Where the Forest Meets the Sea * (LP)

Jeannie Baker, Walker Books Australia
ISBN 0744513057

Yellow Eye * (UP)

David Spillman, Era Publishing
ISBN 1863746072

Zapt! * (LP & UP)

Terry Denton, Penguin Books
ISBN 014 056 0904

Reference Books & Field Guides

Amazing Facts about Australian Marine Life *

Pat Slater / Steve Parish,
Steve Parish Publishing
ISBN 1875932364

Annelids: Earthworms, Squids & Seaworms *

Beth Blaxland Australian Museum,
Macmillan Education Australia
ISBN 0732981093

Australian Marine Habitats In Temperate Waters *

Graham J. Edgar, New Holland Publishers
ISBN 1876334533

Australian Marine Life *

Graham J. Edgar, New Holland Publishers
ISBN 187633438X



Australian Guide To Pondlife *

Bob Winters, New Holland Publishers
ISBN 1875687394

Australian Guide To Seashores *

T.Marris, New Holland Publishers
ISBN 1875687408

Cephalods: Octopuses, Squids & their Relatives *

Beth Blaxland Australian Museum,
Macmillian Education Australia
ISBN 0732981085

Coasts

Earth Alert, Hodder Headline Australia
ISBN 075023329x

Coastlines, Islands & Beaches - Knowing Australia *

Marilyn Woolley & Keith Pigdon,
Macmillian Education Australia
ISBN 0732950546

Coral Reefs *

Cheryl Hook Australia Museum, Macmillian
Education Australia
ISBN 0732960576

***Crustacea: Crabs, Crayfishes & their
Relatives ****

Beth Blaxland
Australian Museum, Macmillian
Education Australia
ISBN 0732981107

Dark Secrets: Life without Sunlight *

Harry Breidahl, Macmillian Education Australia
ISBN 073292418 9

Diminutive Drifters: Microscopic Aquatic Life *

Harry Breidahl,
Macmillian Education Australia
ISBN 0732924154

***Echinoderms: Sea Stars, Sea Urchins & their
Relatives ****

Beth Blaxland Australian
Museum, Macmillian Education Australia
ISBN 0732981077

Field Guide To Crustaceans Of Australia *

Diana Jones & Gary Morgan, New Holland
Publishers
ISBN 1876334827

First Field Guide To Australian Marine Life

C. Jones, Steve Parish Publishing
ISBN 1740210514

Fish - Endangered Australian Animals *

Helen Stevens, Macmillian Education Australia
ISBN 0732958903

***Fish Macmillan Young Library - The Animal
Kingdom ****

Bev Harvey,
Macmillian Education Australia
ISBN 0732979633

Fishing How Australia Works *

S & G Underwood, Reed Education
ISBN 97818639101101

Fishers Australians at Work *

June Lovers, Pan Macmillian Education Australia
ISBN 97807329 66645

Guide To Sea Fishes Of Australia *

Rudie Kuitert, New Holland Publishers
ISBN 1864360917

Itty Gritty Critters: Life between Grains of Sand *

Harry Breidahl,
Macmillian Education Australia
ISBN 073292416 2

Living Reefs of Indo-Pacific *

Rob Van Der Loos, New Holland Publishers
ISBN 1876334657

Mangroves *

Beth Blaxland Australia Museum, Macmillian
Education Australia
ISBN 0732960592

Molluscs: Snails, Clams & their Relatives *

Beth Blaxland Australian Museum,
Macmillian Education Australia
ISBN 0732981069



Oceans *

Mary Bell Australia Museum, Macmillian
Education Australia
ISBN 0732960622

Oceans and Seas *

Wendy Blaxland, Macmillian Education Australia
ISBN 073295908 X

Sea Creatures *

Ron Thomas, Macmillian Education Australia
ISBN 073292673 4

Sea Fishes of Southern Australia*

Barry Hutchins & Roger Swainston, Swainston
Publishing
ISBN 1862526613

Seafishes of Australia *

Rudie Kuitert, New Holland Publishers
ISBN 1864362200

Seashores *

Beth Blaxland Australia Museum, Macmillian
Education Australia
ISBN 0732960606

Seashore Life Of Australia *

Keith Davey, New Holland Publishers
ISBN 1864363037

Sharks and Rays Of Australia *

Kelvin Aitken New Holland Publishers
ISBN 1864363185

The Australian Marine Life Project Kit

Steve Parnish Publishing
ISBN 1740211138

The Gould League books:

Australian Seashores
Australian Pondlife
Exploring the Oceans
Freshwater Invertebrates
Coasting
Coastal Wildlife
Wetlands Wildlife

Pondlife Kit

Marine Publications Kit

Kids & Water Marine Reader Series Kits available in
Levels 1-4

Squid, Cuttlefish and Octopuses of Australia

Sharks

Mammals

Guide to Seashores

Guide to Pondlife

Fishing Magazines

Fishing World

17 Bellevue Street
Surry Hills NSW 2010
Telephone: 02 9281 2333
Website: <http://www.yaffa.com.au/fw/index.htm>

Freshwater Fishing Australia

Unit 1, 48 Centre Way,
South Croydon VIC NSW 3136
Telephone: 03 9761 4044
Website: <http://www.afn.com.au/>

Modern Fishing

170 Bourke Road
Alexandria NSW 2015
Telephone: 02 9353 6666
Website: <http://www.modernfishing.com.au/>

NSW Fishing Monthly

PO Box 176
Evans Heads NSW 2473
Telephone: 02 6682 5488
Website: <http://www.fishingmonthly.com.au/>

Saltwater Sports Fishing

Unit 1, 48 Centre Way,
South Croydon VIC NSW 3136
Telephone: 03 9761 4044
Website: <http://www.afn.com.au/>



Posters

A wide range of marine related posters and publications may be obtained by contacting fisheries agencies referred to in the Appendices.

The Gould League stock various posters ie Creatures of the Deep, Penguins, Seahorses & Seadragons, Sharks of Australia, Great Barrier Reef and Whales.
Telephone: 03 9532 0909
E-mail: gould@gould.edu.au
Website: <http://www.gould.edu.au/>

Australian Knowledge Resources supplies seashore life poster set which contains 12 x A3 posters of marine animals and their environment in close-up.
Telephone: 1800 658 311
Website: <http://akr.com.au/>

Puppets, sea life models, jig-saws

Australian Knowledge Resources
Head Office: Mulgrave VIC
Telephone: 1800 658 311
Website: <http://www.akr.com.au>

Educational Experience
Head Office: Newcastle NSW
Telephone: 1800 025 270
Website: <http://www.edex.com.au>

Modern Teaching Aids
Head Office: Brookvale NSW
Telephone: 1300 300 112
Website: <http://www.teaching.com.au/>

Windmill Educational Supplies
Head Office: Melbourne VIC
Telephone: (03) 9830 4336
Website: <http://www.windmill.net.au>

Kits

Kits mentioned below are suitable for K- 6 primary school children

Various videos on aquatic life are available through **ABC Shops & Centres**
Telephone: 1300 360 111.
Some titles include:
Play School Out and About
Feathers, Fur and Fins
Wolves of the Sea
Sea Symphony

Coastal Explorers Kit
All you need to explore our coastline.
Telephone: 03 5258 3344.
Website: <http://www.gould.edu.au/>

Foodwebs, Sea for yourself
Free downloadable resource kits.
Telephone: 03 9532 0909.
Website: <http://www.gould.edu.au/>

Kids and Water Kits
Sets of readers exploring topics such as sea creatures, conservation, beach safety, safe boating and more.
Telephone: 03 9532 0909.
Website: <http://www.gould.edu.au/>

Stormwater Teaching Guide
The kit includes web teaching and learning stormwater education material and a poster. Is free of charge from NSW Department of Environment and Climate Change.
Telephone: 13 15 55
Website: <http://www.environment.nsw.gov.au/stormwater/HSIEteachguide/index.htm>

Sydney Water Schools Resources
Sydney Water publish a range of free comprehensive teaching resource kits.
Telephone: 13 20 92
Website: <http://www.sydneywater.com.au/>



Supporting Resource Material

NSW DPI publications, posters and measuring devices are updated regularly. For a list of available items please visit; <http://www.dpi.gov.au>

Appendix 9:

C) References

A.B.Sea. A Cross Curriculum Marine Studies Guide from Prep – Year 12

Tsernjavski, Nancy., Victorian Institute of Marine Sciences Education Division, Warrawee Publications

Barwon River Environmental Trail. A Resource for Schools.

Longmore.S & Sutherland.D & Dart. J & Barry.S., Barwon Water, Victoria, 1997

Coasting. Activities for coastal excursions and beach holidays.

Gould League, Vic,

Craft and Craftsmen of Australian Fishing 1870-1970. An illustrated Oral History.

Kerr, Garry., Published by Mains'l Books – 1985
P.O. Box 316 Portland 3305, Victoria, Aust.

Field Activities for Coastal and Marine Environments Environmental Activities around Inverloch South Gippsland Conservation Society. Comm. Coastal Action Plan.

Fishing debris in the Australian Marine Environment.

Jones, Madeline., Dept. of Primary Industries & Energy, 1994.

Let's Clean the Water! A Workbook on Water Pollution

Environment Protection Authority, Chatswood, NSW.

Life in the Ocean. Feeding Frenzy – Protocol (Publication Source : Unknown)

NSW Fisheries Management Act 1994

Our Sea, Our Future: Major Findings of the State of the Marine Environment Report for Australia.

Zann, Leon, P., Ocean Rescue 2000. Dept. of the Environment, Sport and Territories, Canberra, 1995.

Riparian Management. Booklets 1-6.

Land & Water Resources
Land and Water Research and Development Corporation, ACT, 1996.

Successful Interpretation.

The art of Presenting workbook
Harmon-Price, Pamela., Department of Environment, QLD, 1997

The Student Leaders' Manual for The Elizabeth Campbell Peer Support Program for Secondary Schools.

Campbell, Elizabeth., Yandell Publishing Pty. Ltd, 1991.

Wetlands are Important

Ramsar Convention.
Australian Nature Conservation Agency

YarraCare. Land Management Series, Discussion Paper 5

Thomas, Amanda.,

Internet sites

Estuarine, Coastal and Marine Habitat Integrity: animals killed or injured by litter (entanglement, starvation, suffocation).

Source: <http://www.nrm.gov.au/publications/factsheets/me-indicators/estuarine/pubs/animal-kill-by-litter.pdf>

Gould league - Food Webs

Source: <http://www.gould.edu.au/foodwebs/marine.htm>

Life Saving Victoria

Source: <http://www.lifesavingvictoria.com.au>



FAX TRANSMISSION



**NSW DEPARTMENT OF
PRIMARY INDUSTRIES**

DPI Fisheries

202 Nicholson Pde, Cronulla NSW 2230

Tel: 02 9527 8411 Fax: 02 9527 8536

To Get Hooked coordinator **From**

Company NSW Department of Primary Industries **Date**

Fax 02 9527 8536 **Pages** (including this page)

Subject Get Hooked It's Fun to Fish feedback

If you did not receive all pages, please contact _____ on ph: _____ or _____.

Please rate by circling on the numbered line

	Poor				Excellent
	1	2	3	4	5
1. Relevance of activities to the NSW curriculum					
Comments:.....					
.....					

2. Activities –

	1	2	3	4	5
(a) Code 1					
(b) Code 2					
(c) Code 3					
(d) Code 4					
(e) Code 5					
(f) Code 6					
Comments:.....					
.....					

3. DPI staff assistance

	1	2	3	4	5
Comments:.....					
.....					

4. Student enjoyment

	1	2	3	4	5
Comments:.....					
.....					

5. Supporting material

	1	2	3	4	5
Comments:.....					
.....					

6. What do you think was the major understanding, skill or attitude that the students gained from the course?

Comments:.....

.....

7. Would you recommend 'Get Hooked' to other teachers?

Comments:.....

.....

Did you know?



Dusky flathead

Name			
Other names	Often confused with the other 43 members of the Flathead family	Favourite food	Small fish and crustaceans
Scientific name	Platycephalus fuscus	Is eaten by	Bigger fish
Lives in	Estuaries and inshore ocean waters	Popular because	Excellent eating and easy to catch
Likes	To ambush its prey by burying itself in the sand	Care	Flathead have sharp spines on the gill covers and their dorsal fins; the spines are covered in mucous. This mucous makes the pain more intense if you are spiked.
Legal Length: 36cm. Only one fish longer than 70cm	Bag limit: 10 in total		

Did you know?



Eastern Australian salmon

Name	Eastern Australian salmon		
Scientific name	Arripis trutta	Favourite food	Larger zooplankton particularly krill
Lives in	Inshore ocean waters; off headlands and beaches	Is eaten by	Marine mammals, birds and pelagic fish
Likes	Schooling off headlands and ocean beaches.	Popular because	Excellent sports fish. Is a strong swimmer and has great endurance
Legal Length: None	Bag limit: 5		

Did you know?



Name	Luderick		
Other names	Blackfish	Favourite food	Marine weed (green weed and cabbage). Sometimes takes worms and invertebrates
Scientific name	Girella tricuspidata	Is eaten by	Jewfish and sharks
Lives in	Saltwater, around weedy and rocky areas rocky in coastal rivers and estuaries	Popular because	Excellent sport fish, fun to catch and are good eating
Legal Length: 27cm	Bag limit: 20		

Did you know?



Name *Mulloway*

Other names Jewfish, Jewies, Soapies

Scientific name *Argyrosomus hololepidotus*

Lives in Oceans and estuaries, particularly around rocky reefs and deep holes

Favourite food

Is eaten by

Popular because

Live baitfish ie squid, tailor, yellowtail

Sharks

Grows to large size, is challenging to catch and is very good eating

Legal Length: 45cm (only 2 fish longer than 70cm)

Bag limit: 5

Did you know?



Name	River garfish		
Scientific name	Hyporhamphus regularis	Favourite food	Algae and zooplankton
Lives in	Estuaries	Is eaten by	Bigger fish such as tailor
Likes	Seagrass beds where it can feed	Popular because	Excellent eaten 'whole' and great bait on ganged hooks
Legal Length: None	Bag limit: 20		

Did you know?

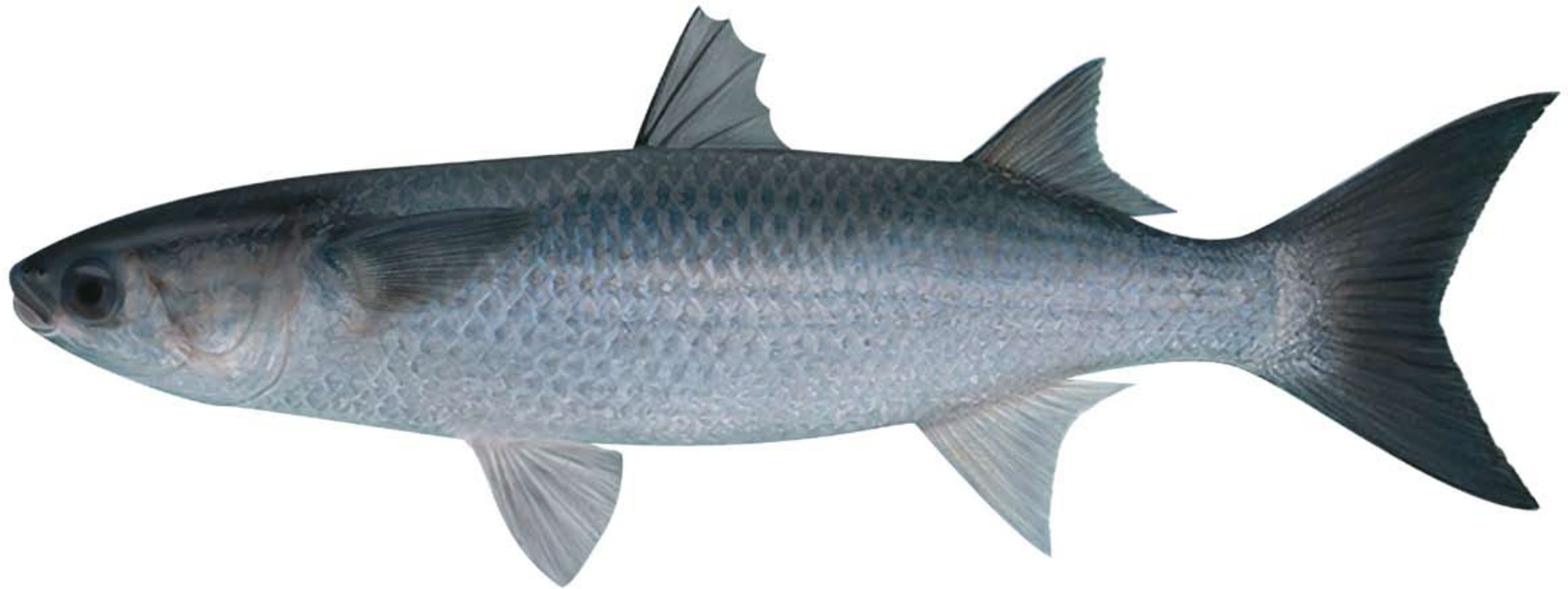


Name	<i>Sand whiting</i>		
Other names	Blunose whiting	Favourite food	Worms, pipis, prawns and crustaceans such as soldier-cabs
Scientific name	Sillago ciliata	Is eaten by	Large flathead
Lives in	Saltwater, around sand flats of estuaries and in the surf of ocean beaches	Popular because	Easy to catch when on the bite and are very good eating

Legal Length: 27cm (sand whiting only)

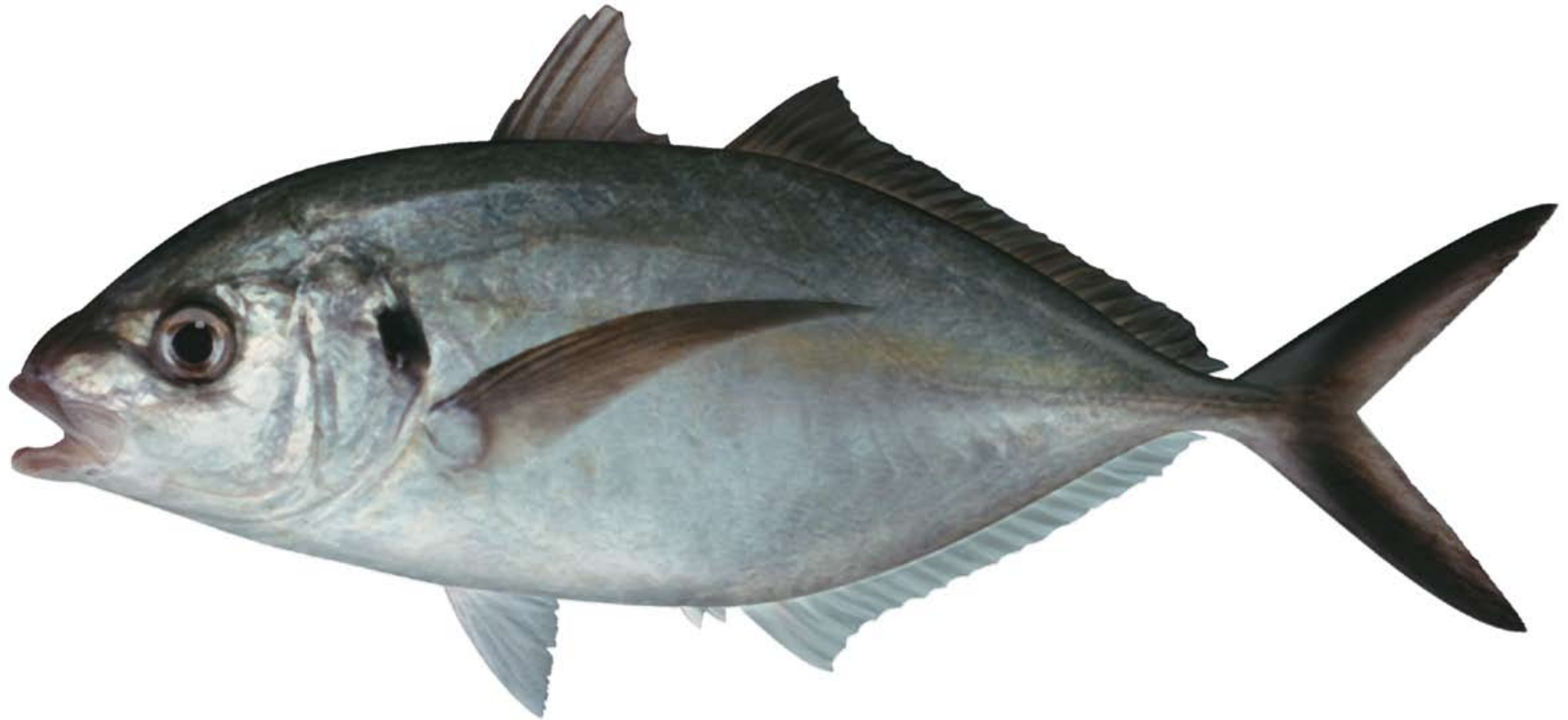
Bag limit: 20 in total for all species combined

Did you know?



Name	<i>Sea mullet</i>		
Other names	Bully mullet, hardgut mullet, river mullet	Favourite food	Algal ooze growing on the seabed. Sometimes takes bread, peeled prawns and worms as bait particularly in freshwater
Scientific name	Mugil cephalus	Is eaten by	Jewfish and sharks
Lives in	Saltwater, and the lower reaches of freshwater rivers, in estuaries and coastal waters	Popular because	Mainly a commercial species. Fights well and is excellent bait for jewfish and flathead
Legal Length: 30cm	Bag limit: 20		

Did you know?



Silver Trevally

Name

Scientific name

Lives in

Likes

Legal Length: 30cm

Pseudocaranx dentex

Estuaries and ocean waters

Hanging around in large schools with its mates

Bag limit: 20 in total

Favourite food

Is eaten by

Popular because

Zooplankton and small fish

Bigger fish

Fights well, especially when fishing with lures, and is good to eat

Did you know?



Adult

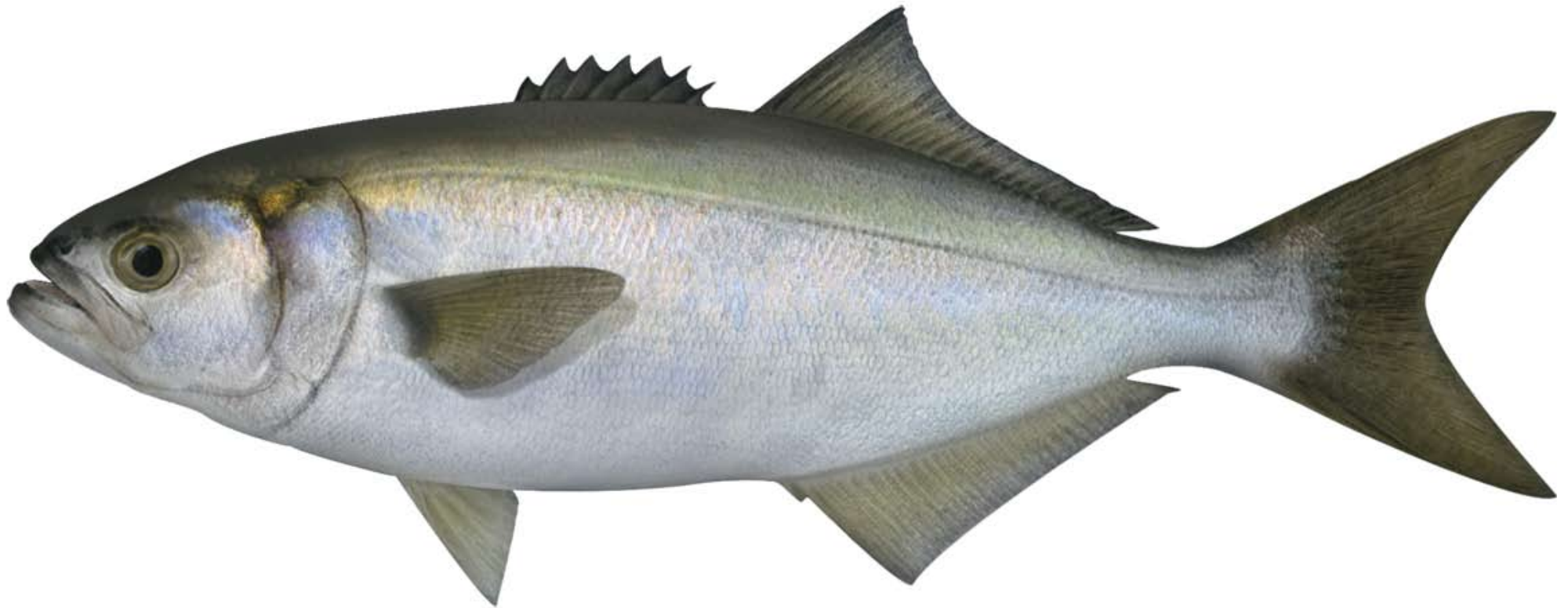


Juvenile

Snapper

Name			
Other names	Pinkies, Cockney Bream, Squire, Pink Snapper	Favourite food	Just about anything edible on or near the seafloor including mussels and crabs
Scientific name	Pagrus auratus	Is eaten by	Bigger fish and marine mammals
Lives in	Juvenile fish in the estuaries and adults in ocean waters	Popular because	Is excellent eating and is regarded as the most popular sportfish in most States of Australia
Likes	Feeding at dawn and dusk		
Legal Length: 30cm	Bag limit: 10		

Did you know?



Name	<i>Tailor</i>		
Scientific name	Pomatomus saltatrix	Favourite food	Pilchards and mullet
Lives in	Estuaries and ocean waters	Is eaten by	Bigger fish
Likes	Swimming in schools , often near the surface (pelagic)	Popular because	Aggressive feeder and strong fighter; good eating when fresh
Legal Length: 30cm	Bag limit: 20		

Did you know?



Yellowfin bream

Name			
Other names	Silver bream	Favourite food	Shellfish, worms, shrimps, crabs and other small crustaceans and some plant material
Scientific name	Acanthopagrus australis	Is eaten by	Birds and bigger fish
Lives in	Saltwater	Popular because	Is one of the most popular estuarine recreational fishing species for sport and eating
Likes	A wide range of marine estuaries and freshwater habitats	Care	Bream have sharp spikes on the dorsal and anal fins
Legal Length: 25cm	Bag limit: 20 in total (Bream and Tarwine Combined)		

Did you know?



Yellowtail Kingfish

Name

Other names

Scientific name

Lives in

Likes

Legal Length: 65cm

Kingies

Seriola lalandi

Estuaries and ocean waters

Patrolling deep waters near rocky reefs, wharf pylons and navigation marks

Bag limit: 5

Favourite food

Is eaten by

Popular because

Live baitfish ie anchovies, squid, tailor, yellowtail

Sharks

A powerful fighting fish and is good eating

Did you know?



Australian bass

Name			
Scientific name	Macquaria novemaculeata	Favourite food	Fish, crustaceans and other invertebrates particularly insects
Lives in	Freshwater and upper estuaries	Is eaten by	Birds and other Bass
Likes	Snags and natural flows (dislikes dams and weirs blocking its migration paths)	Popular because	Great sportfish, especially on lures; easily breeds in captivity and is being stocked in dams and impoundments

Legal Length: Only one fish longer than 35cm

Bag limit: 2 per day, 4 in possession

Closed Fishing Season

You cannot take Bass between June 1 to August 31, each year in streams

Did you know?



Brown trout

Name	Salmo trutta	Favourite food	Crustaceans molluscs, insects and small fish
Scientific name	Freshwater	Is eaten by	Juvenile fish are eaten by birds and adult fish
Lives in	Cool well oxygenated waters	Popular because	Is an excellent cold water sports fish, especially on fly and lure fishing. Easy to propagate with over a million fish being stocked annually in impoundments and rivers in NSW
Likes			

Please refer to NSW DPI, guide or visit a NSW DPI office for details in relation to legal lengths, size limits and seasonal closures.

Did you know?

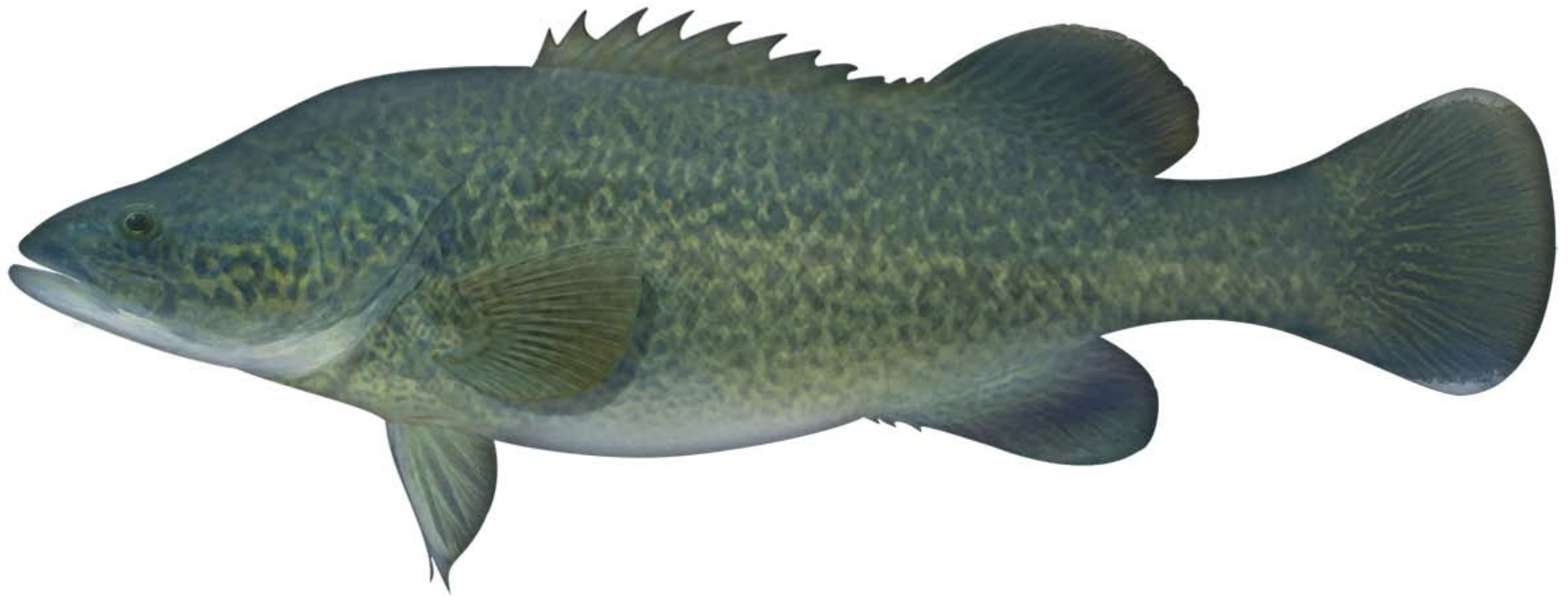


European Carp is a pest species. If caught they should not be returned to the water alive.

European Carp

Name	Cyprinus carpio	Favourite food	Algae, crustaceans, plant material and insects
Scientific name	Freshwater	Is eaten by	Murray Cod
Lives in	Stirring up the bottom when feeding	Other information	Can lay up to 3 million eggs per female. It is a pest species wherever it establishes itself in Australia (In Asia and Europe it is valuable source of protein and is the most widely cultivated food fish in the world).
Likes			

Did you know?



Murray cod

Name	Murray cod		
Scientific name	Maccullochella peelii	Favourite food	A wide variety of food such as yabbies, shrimps and crayfish but have included waterfowl, water rats, carp and other freshwater fish
Lives in	Freshwater	Is eaten by	Birds when young
Likes	Submerged hollow logs and snags and deep holes to breed and hide in	Popular because	Is the most sought after freshwater species on the inland and is the largest freshwater fish in Australia. Biggest caught was 113.3kg and 1.8 metres long

Legal Length: 55cm Note: Only 1 over 100cm in possession. Closed season Sep. Oct. Nov. **Bag limit:** 2 per day