

FOREST AND BIRD - MANAWATU BRANCH

BRANCH
NEWSLETTER

ISSUE 18
OCTOBER 2006

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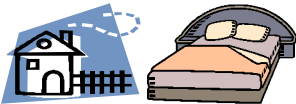
Turitea Reserve

Manawatu River

Heart to Hart

Film Festival

Sealions



Billets Required

for those attending

Forest & Bird

Lower North Island

Regional Conference

28—29 October

Palmerston North

If you are willing and able to host 1-3 members of the leadership teams from our sister Forest & Bird Branches around the Lower North Island, please contact Jo McVeagh on 356 6054 (a/h).

~~ Thank You ~~

Upcoming Branch Nights



Biodiversity in the Manawatu —10 October

“The birds, the bees, the flowers and the trees: Horizons Regional Council & Biodiversity gains in the Manawatu” Fleur Maseyk, Horizons Regional Council Ecologist (Plants). 7:30 p.m. at Te Manawa, Main Street West. Tuesday 10 October.



Adventures in Wildlife Remote Tracking —14 November

Sealions to Songbirds ~ wildlife remote tracking technology show and tell. Have a first-hand look at the kiwi ingenuity in technology used to track some of the planets rarest birds and beasts. Phil Sargisson, SirTrack. www.sirtrack.com Tuesday, 14 November. 7:30 p.m. at Te Manawa, Main Street West.

Events Calendar



Saturday 14 October. **Manawatu Estuary – Welcome to the Birds** from 1:30 p.m. Leaving from the Esplanade Reserve, Hartley Street in Foxton Beach. See the globetrotting godwits and others arrived from their winter’s holiday. A birder’s paradise on our doorstep.



Labour Weekend 21-23 October. Weekend getaway to **Boundary Stream Mainland Island**, Hawkes Bay. Spectacular birdlife and waterfalls along easy walking tracks. Ring Alan Hawkins on 323 0583 for details.



Saturday – Sunday 28-29 October. Weekend & Workparty at **Sixtus Lodge** near Apiti. A visit and planting/weeding effort at the nature education centre nestled at the base of the Western Ruahines. Ring George Paton on 357 3628 for details.



Saturday-Sunday 4-5 November. Work Party at **Te One**, Kawhatau Valley. A fun-filled and practical weekend for the spring session at Te One bush rejuvenation project, tackling the few remaining sycamores of substance. Phone Sally Pearce on 359 4326 for details.



Saturday 18 November. Visit to **Totara Reserve, Pohangina Valley**. Your last best chance to see it before “The Reserve” becomes our first regional park! Ring Fleur Maesyk on 353 5515.



Saturday 25 November. Trip to **Karori Wildlife Sanctuary, Wellington**. Travel the Tui Terrace, blend into Birdsong Gully and other favorite places as spring sounds and sites fill this special wildlife sanctuary. Phone Brent Barrett on 357 6962 to reserve your spot. Limited to 20. \$40 (kids \$30) covers return transport by van and your admission to the Sanctuary.

Heart to Hart

Project Crimson's sixteen year sponsorship association with Carter Holt Harvey has come to an end following billionaire Graeme Hart's take over of Carter Holt Harvey. Many of us give our time and resources to growing Northern rata with enthusiastic enjoyment but obviously the conservation of our endangered native Christmas trees is not a priority for Mr Hart.



Manawatu Forest and Bird has been involved with Project Crimson and growing our locally sourced Northern ratas for several years now, our first local trees were planted in the Manawatu Gorge and Oxenham's bush last year. In 2004 we gave ten large northern ratas grown from seed

of a Rewa rata to the people in Rewa who were at that time recovering from massive flood damage. Waituna West school has also been given Northern rata from that source. It takes four to five years to grow a Northern rata from seed to planting out size and some trees will take even longer than

organization and we at Manawatu Branch of Forest & Bird hope they will soon find a new sponsor.

that. This year was a good one for the Gorge rata, I have a large crop of tiny N. Rata seedlings and there are a few other Branch members and children from Balance school growing them this year as well. Never fear Mr Hart Project Crimson is alive and well in the Manawatu and will continue to be so with or without funding.

Project Crimson is an extremely successful and nationally respected

Text by

Chris Thomason

Image courtesy of

www.projectcrimson.org.nz

Sealions Get Strong Local Support

Thanks to the great efforts by Joanna McVeagh, Chris Thomason, Ann Green, and Val Cleghorn the 'Save Our Sealions' petition went to Wellington at the end of September with signatures from throughout the Manawatu and Tararua District. A five day stint in the Palmerston North public library 'netted' 260 signatures from a excellent display set up by Joanna. That display then toured to Feilding, Dannevirke, and a few other places before the signatures went through to Wellington. A great team effort!

Sealions were once thick on the coast of NZ, now their only solid footing is on the endangered animals RedList published by the IUCN (see www.redlist.org); as their numbers are way down and only a few of our sub-Antarctic islands support there family life.



At 7,000 individuals, they are far more threatened than even the whales that the Japanese are so persistent about whaling! Which makes it a bit rich for NZ government to beat the Japs up about whales while allowing their own squid fishing fleet to drown over 100 individuals of a far more endangered species in 2005.

The petition, with over 17,000 signatures, was delivered to central government with the message that all signatories expect to see the number of allowable 'kills' close to zero in future; as there are economic alternatives which don't kill nearly so many sealions and still gets squid on the menu!

The Society looks forward to a positive response from Government on this, giving the sealions a breather so they can get off the RedList. Try writing to your MP if you want to help these guys out even further!

~ Totara Reserve ~ Full of History and Potential



Hear the Talk & Take the Walk

Tuesday 10 October

7:30 p.m. at Te Manawa

“Horizon’s Biodiversity Plans
For Totara Reserve”

Saturday 18 November

Day Trip to visit Totara Reserve
Pohangina Valley

For details ring Fleur Maesyk
(06) 353 5515

Manawatu Branch Update

Spring is here, and we have much to celebrate! Rejuvenating habitat thanks to no more mature sycamore trees invading at Te One! Our local Estuary to be declared a wetland of international significance on 14 October. “Friends of Kitchener Park” swinging into action. Over 400 attending the 06 Aotearoa Environmental Film Festival; co-sponsored by us!

Thank you to all who supported the Film Festival with your attendance, and especially to those who volunteered time to help it happen so smoothly. We received our 1st entry in the 07 Festival today, a wildlife feature ‘Red Velvet’ filmed in Siberia.

We have much to do. Turitea Reserve, our largest local nature reserve, remains under siege. It is threatened by an industrial development in 16 km² of the mountainous water catchment. The PNCC committee decision on the Reserve’s purpose on 18 October will be a watershed moment for the Reserve. There is extensive coverage in the media, on our website, and in this newsletter; largely to the continued efforts by Donald Kerr and local members of the Society. Thank you all.

The River, and the quality of water in it, has been brought to the centre of attention thanks to Mike Joy, a freshwater ecologist and (I’m proud to say) member of the Society. We look forward to joining the expanding efforts to increase the natural values of the habitat along the length of this iconic River.

I trust you will each take the opportunity afforded by our improving weather to take a day to get back in touch with nature and the amazing NZ forestlands, beaches, and waterways. It is only through that connection that we can truly value the special places that we work to preserve, protect, and promote.

Brent Barrett, Chairman, Manawatu Branch

“Get Involved in Local Conservation”

- Help Wanted -

WebMaster

Responsible for currency of the
new Manawatu Forest & Bird website
now under development

Newsletter Editor

Responsible for editing our bi-
monthly branch newsletter. Duties to
begin in 2007.

**Phone Brent on 357 6962 for
details on either volunteer role.**

Te One– the Syca(NO)more update!!



Thanks to persistent efforts by Sally Pearce, and the assistance of the helpful team at Horizon Regional Council, Te One's big bad sycamore grove has finally been felled! That, combined with Peter van Essen's work on the isolated sycamores among the natives, means there are **NO MORE sycamore seed sources on the property**. So the hard yards are done, we've just to nail the seedlings on their way out of the ground, and Te One bush remnant is, finally, healthy and 100% sycamore free! Looks like we have some planting to do.... [photo : Peter van Essen]

Thank You to the Letter Writers!

[[Editor's Note: Thanks to many of you; and other concerned members of the public; a number of letters have appeared in local papers on the topic of the Turitea Reserve proposal. This letter, from Forest & Bird member Will Pearson, is selected for reprinting here as an example of the excellent standards and well reasoned opposition to the wholesale industrialization of NZ nature reserves.]]

PNCC's proposal for a commercial wind farm is a total contradiction of its own excellent Turitea Reserve Management Plan (published 2004). For example; under "4.6 Landscape Protection", "Policies", it states, "1. Maintain the quality of the dominant visual feature (the main ridge-line) through excluding development, structures, or management practices that could compromise its visual integrity." Now a massive 60% of the reserve would be made available for turbine construction.

Turitea Reserve is our finest native habitat. The bush here is outstanding, right up to the ridgeline. The huge excavations for the proposed wind farm will result in very

substantial damage, which will be exacerbated by further wind damage to the newly exposed margins. Those who have examined this effect on the bush exposed by cutting swathes for the monitoring stations will be aware of this significance. The mitigation measures proposed by PNCC/ Mighty River Power are derisory and the funds from MRP are not substantially destined for Turitea Reserve in any case.

The vast earthworks and resulting erosion will also cause huge additional sedimentation, which along with the enhanced risk of accidental pollution from machinery and vastly increased access, will compromise the quality of the city's water.

I am a supporter of appropriately sited wind farms but by this proposal PNCC is demonstrating an absence of wisdom in condemning the finest bush habitat we have to industrial destruction.

W.J. Pearson

Manawatu Forest & Bird

Committee Contacts '06/'07

Chairperson:	Brent Barrett	357 6962
Secretary:	Jo McVeagh	356 6054
Treasurer:	Leonora Pearson	354 6103
Programme Coordinator:	Viv McGlynn	353 2305
Advocacy Coordinator:	Donald Kerr	952 7001 x70836
Tertiary Coordinator:	Emily Weeks	326 9217
Feilding Contact:	Alan Hawkins	323 0583
Feilding Contact:	Chris Thomasen	323 0583
Tararua Contact:	Val Cleghorn	376 5570
General Committee:	Kheng Lim	354 8272
Kiwi Conservation Club:	Caroline Percy	021 264 2789

Ideas or Questions ~ get in touch!

Manawatu Branch of Forest & Bird
PO Box 961, Palmerston North

E: forestbirdmanawatu@hotmail.com

W: www.forestandbird.org.nz



**FOREST
& BIRD**
MANAWATU

a bit about us

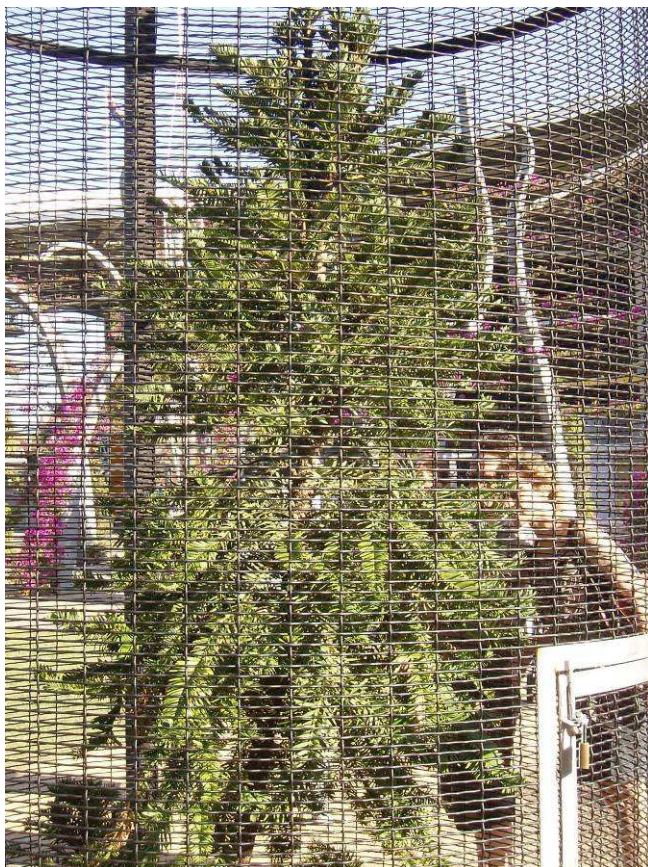
Discovery, enjoyment, and protection of the natural wonders of New Zealand is the primary aim of Manawatu Branch of Forest & Bird. Our branch has over 450 members, from Himatangi to Woodville; and is affiliated to the national Society with head offices in Wellington.

All members and the public are invited to all branch activities, work parties and meetings. Branch nights are the 2nd Tuesday of the month from 7:30 p.m. at Te Manawa- everyone is welcome, your gold coin donation is appreciated!

You can always reach us with an email to forestbirdmanawatu@hotmail.com.

Also have a look at the Forest and Bird website www.forestandbird.org.nz and the great local branch website kindly hosted by Adie Leng of ENM within www.environmentnetwork.org.nz

You are most welcome to ring the friendly staff at Society's national office on 04 385 7374 during normal business hours.



Pick your Favourite Natives

Polls now open for 2006 Plant of the Year and 2006 Bird of the Year.

Visit www.nzpcn.org.nz and cast your **PLANT** vote today. Hosted by the New Zealand Plant Conservation Network.

Visit www.forestandbird.org.nz and cast your **BIRD** vote today. Hosted by Forest & Bird.

If only politics were so easy....

Why is this tree confined in a steel cage near Brisbane's city centre? Is it a criminal plant in a convict colony? Answer in the December Newsletter!



Image :: Julie Dalziel. Brisbane, September 2006.

A Call For Action on Manawatu River Degradation

Editor's Note: This is a straight reprint of an Open Letter to central and regional government and the media headed by Dr. Mike Joy; freshwater ecologist at Massey University, and (I'm proud to say) member of the Royal Forest & Bird Protection Society. It is accompanied by a Fact Sheet reprinted on the next page. My name, on your behalf as members of Manawatu Forest & Bird, was on the signatory list. A comprehensive list of references cited in the letter has been omitted here to save space.
- Brent Barrett

We the undersigned group of concerned scientists and regional residents call on Horizons Regional Council (Horizons) to take action on unacceptable quality and continued deterioration of the Manawatu River.

Background

The recent decision by Horizons to grant a resource consent for Fonterra to continue discharging wastewater into the Manawatu River highlights the extremely poor state of the river, Fonterra's indifference to being an environmental leader, and Horizons' failure to protect the environment. The public must be made aware of the underlying problems that the decision presents: the consent was granted because the River's water quality is extremely poor; Fonterra's discharge will add significantly to the poor quality, and Horizons have compounded the problem by failing to enforce compliance with consent conditions. It is important to note that while individual staff at Horizons work hard and are trying to protect the environment, Horizons' permissive policies have failed and must be changed.

The problem — deterioration of the Manawatu River.

Irrespective of the measurement used, the state of the Manawatu River has been deteriorating since Horizons Regional Council has been in existence, e.g.,

Sediment loadings in the River have significantly increased during recent decades.

A recent Horizons water quality trend analysis shows most measured parameters of river health have declined significantly since at least 1989.

Invertebrate samples over many years from the lower Manawatu River classify the River as severely polluted.

A suite of sensitive migratory native fish is now missing from two-thirds of the Manawatu River Catchment.

Lack of compliance with consent conditions

Horizons' record of enforcing consent conditions is poor. Analysis of compliance data on the current consents to discharge into the Manawatu River shows that most of the large discharges failed at least one of their consent conditions for most sampling dates over the last several years.

The Fonterra consent

The recent consent for Fonterra's plant at Longburn to continue discharging wastewater into the Lower Manawatu River has highlighted problems with the Resource Management Act (RMA). The discharge was considered a minor impact but this was because of the poor quality of the receiving water, i.e. the water quality is already so bad, Fonterra's discharge could not make a measurable difference. At the hearing Fonterra pre-

sent the costs of other options; the cheapest would cost \$10 million and the most expensive was \$17 million. It chose the cheapest option and Horizons acquiesced. It is a matter of major concern that Fonterra – one of NZ's wealthiest companies, and one that has promoted its 'environmental concern' by requiring dairy farmers to protect water quality under its 2003 Dairying and Clean Streams Accord, is unwilling to adopt 'best practice' or to play its part in improving the Manawatu River's degraded state.

Manawatu residents are being forced to accept this further degradation of the river because it is too expensive for Fonterra to avoid. Thus, we are thus subsidising the company to the tune of \$10 million.

Actions we expect from Horizons Regional Council:

The implementation of Integrated Catchment Management (ICM) plans for all catchments, including rule based nutrient budgets to control run-off from intensively farmed properties.

A moratorium on the renewal of existing consents or the granting of new consents to discharge into the Manawatu River catchment, until the ICM in point 1 is implemented.

Immediate and effective action against all breaches of resource consents discharging into the Manawatu River catchment.

Consent monitoring results to be made publicly available (as required by Section 35 of the RMA). All major discharges should have their consent monitoring results put on the Horizons web pages as soon as they are received so the public can access them and see at a glance which discharger is not complying.

Consents that involve self monitoring by applicants should have external review and/or independent monitoring.

Immediate progress on retiring erosion prone hill country and tree planting assistance packages.

The introduction of a policy of significant fines for non-complying territorial authorities and other large-scale dischargers, along with a recommendation that any such fines be refunded for upgrading the offending plant to halt the problem.

Conclusion

The Manawatu River is unhealthy and has been deteriorating for a long time. This is an indictment on Horizons Regional Council and shows it has failed in its duty under the RMA to avoid, remedy, or mitigate adverse effects on the River's degraded water quality. We call on Horizons to halt this decline immediately by changing its environmental management regime. Horizons must undertake rule-based, integrated catchment management controls on all inputs into the river from both point and non-point sources. Horizons must effectively enforce compliance with consent conditions and make monitoring results public so that public pressure can assist the Council in its enforcement responsibilities.

We note that this region is not alone in its lax monitoring and enforcement and that most other regions have similar problems. We call on other groups to initiate similar action plans for their regions.

ENDS

Manawatu Degradation Fact Sheet

Editor's Note: This fact sheet is authored by Dr. Mike Joy, freshwater ecologist. It accompanied the Open Letter. Extensive footnoting has been omitted to save space.

Water quality – Nutrients

Eight of the ten State of the Environment (SOE) sites in the Manawatu catchment showed significant increases in Nitrogen (NO₃) and dissolved reactive phosphorous (DRP) for more than the last 10 years.

Water quality – Sediment

The only measure of sediment used by Horizons is turbidity, which gives a rough measure of the amount of soil being washed off the land. Four of the ten SOE sites in the Manawatu catchment showed significant increases in turbidity for more than the last 10 years¹.

River biology – Fish

The migratory native fish species shortjaw kokopu, banded kokopu, koaro and redfin bully are sensitive to pollution; they are no longer found in approximately two thirds of the Manawatu catchment and are now only in the Tararua Ranges on both east and west sides. This is despite suitable habitat in the Ruahine Ranges. This distribution appears to be associated with poor water quality in the rest of the catchment on migratory routes. At each point where upstream migrating fish have a choice they take the branch with the better water quality.

River biology – Invertebrates

Two invertebrate indices are used by most New Zealand Regional Councils; these are the macroinvertebrate community index (MCI) and the QMCI (the quantitative version of the MCI). Using the MCI, 9 of the 13 Manawatu catchment SOE sites sampled for invertebrates in 2005 were classed as severely polluted, 2 were classed as possibly impacted, and two were classed as clean water. Using the QMCI, 5 of the 13 SOE sites were classed as severely impacted, and the other 8 as possibly impacted. The sites classed as severely polluted using both indices were the three lower Manawatu river sites, Opiki, Karere Road and Maxwells Line and the Oroua River at Awahuri.

Point source inputs –

- The major discharges by volume into the Manawatu River have all regularly failed to comply with at least one of their consent conditions for more than the last 5 years. Apart from 1 abatement notice in 1998 there have been no prosecutions resulting from these non-compliances since 1998.
- Data for 138 current discharge consents and 246 sampling events for the last 6 years were supplied by Horizons. Of these 246 sampling events, 90 (36%) failed to meet at least 1 consent condition; on 70 occasions the conditions were 'mostly met', and for the rest (36%) all conditions were met.

As an example, some of the largest discharges by volume are listed below, as well as the number of monitoring events and number of non-compliances:

Consent holder	Number of monitoring events	Number of times at least 1 condition NOT met	Years covered
PNCC Palmerston North sewage	8	8	2004-2005
Dannevirke sewage	1	1	2005
Ashhurst sewage	3	3	2004-2005
Tui breweries	6	6	2000-2005
New Zealand pharmaceuticals A	22	20	2000-2006
New Zealand pharmaceuticals B	22	19	2000-2006
Richmond Fellmongers	15	13	2000-2006
MDC Fielding sewage	3	3	2005-2006
Rongotea sewage	2	2	2006

Turbines & Nature Reserves—A Bad Mix

Your Chance to Support
the
Turitea Reserve

5 p.m. Wednesday
18 October
PN Convention Centre
Main Street West

The “Third Purpose” Decision; whether or not to allow industrial-scale renewable energy generation to be a purpose of our city’s nature and freshwater reserve will be made at this Council committee meeting.

Come along and show your support for the protection of Turitea Reserve from industrial development.



The team at Forest & Bird have used the maps provided to conservatively estimate the extent of the windfarm prospecting area within the water catchment. Should the change in purpose go ahead on 18 October, all areas above the white line would be made available to Mighty River Power for windfarm development.

Forest & Bird’s View

Palmerston North City Council are proposing changing the purpose of the Reserve to allow renewable energy production, specifically a windfarm. A 1600 hectare zone has been suggested where wind turbines could be permitted, and more than 80% of this is further than 50 metres from an existing road. This zone comprises well over half of the water catchment area.

Council’s promise that environmental concerns would be dealt with under the Resource Management Act are not re-assuring. This would abdicate their responsibility as guardian of the Reserve, and

leave their City’s residents to argue with a company about the future of our reserve.

Palmerston North City Council are the legal guardians of the Turitea Reserve. Any changes to the Reserve status rest solely with them. However, the council are also guardians of the city finances. Hence the suggested \$1 million income from a wind farm could compromise the council’s role as guardians of the Reserve, especially when councillors face increasing demands to reduce our rates.

Manawatu Forest and Bird have proposed that the Turitea Reserve be managed as a mainland island

– an area that creates a birdlife sanctuary like Kapiti Island, on the mainland of Aotearoa New Zealand. Intensive pest control would allow native birds to be re-introduced, kiwi and kokako could return, and forest to regenerate.

Palmerston North City Council has two separate decisions to make. The Eco Park is strongly supported by Forest and Bird. The change of purpose of the reserve to allow renewable energy generation is not.

Donald Kerr

Advocacy Coordinator

Manawatu Forest & Bird

Aotearoa Environmental Film Festival

Thank you for your support!

Four sessions and 31 films later, it is time to say thank you to the community, volunteers, and producers that supported the 2006 Aotearoa Environmental Film Festival in Palmerston North. With 20 NZ premieres, the Festival has brought a significant amount of new environmental cinema content to Aotearoa New Zealand. And thanks to the volunteer's efforts, over 400 Palmerston North community members interested in Cinema and in the Environment were first in to see it!

I'd like to specifically thank Donald Kerr, Jo McVeagh, and Viv McGlynn for their volunteer efforts on behalf of the Manawatu Branch of Forest & Bird. We also had help from a number of other members of the Society and the local community. Forest & Bird was significantly profiled at the 4 day event, with their logo placement as a major sponsor alongside Palmerston North City Environmental Trust, and Eastern & Central Community Trust.

A highlight of the 2nd AEFF was visits from three film producers at the Saturday Session; including Dunedin-based Bill Morris, globe-trotting Wellingtonian Mary Wareham, and Palmerston North's own Mark Easton. I've rounded this out with a brief overview of the People's Choice Awards. Further information on the Festival is available at www.aeff.org.nz. Preparation is underway for the 2007 edition of the Festival.

People's Choice Awards

Thank you to those who attended the Festival and voted for the 'People's Choice' Award in two categories, "Best New Zealand Film" and Best International Film". With 14 NZ and 17 international entries, there was significant competition.

The People's choice for **Best International Film** was Faith Morgan's 2006 release, '**The Power of Community: How Cuba Survived Peak Oil.**' Beating out 16 other films, Morgan helped the audience understand how an isolated island nation rebuilt its quality of life following the collapse of cheap oil, supplied to Cuba by the former Soviet Union. Communities pulled together, created solutions, and ultimately thrived in their

decreased dependence on imported energy. "The Cuba film was at once fascinating and empowering, easily capturing the audience vote" says Festival co-founder Jason Blair.

First runner up was '**Buyer Be Fair**'; a 2006 release by Seattle-based independent filmmakers John de Graaf and Hana Jindrova. The film explores fair trade, when a consumer chooses products that provide an adequate wage to the producer, and look after the land. "Again, the movie empowers the viewer" says Blair; "it was a well-made film, and while it did focus heavily on market-based solutions to global inequity; it did it in a way that meets the modern consumer where they are."

Competition among our 14 entries for the **Best New Zealand Film** was fierce, with material from Otago University Natural History Filmmaking Course leading the pack. Dunedin-based producers Bill Morris and Kate Bradbury came away with the top award for their 2006 release '**Mad Mac and the Flat Ugly Snail**'. "Our audience loved it" says Blair. "A great story told well, it easily captured the vote". Morris and Bradbury trace the history of the paua industry through the life story of Mad Mac, one of the industry's most colourful founders. At 22 minutes, the film covers a vast territory, exploring Mac's personal life and career; and features stunningly beautiful footage of the southern coast.

A close second in the awards was another Otago-based production, '**Longfin**'; produced by Lindsey Davidson and Melissa Salpietra. "An amazing foray into the life of our longfin eel; on the big screen it was natural history at it's finest" says Blair "who ever knew there was such a story about eels?"

Honourable mentions were made for two NZ films; '**Disarm**' and '**Under Their Skin**'. Produced by Wellington director Mary Wareham, Disarm is an in-your-face look at the global use and abuse of anti-personnel landmines. The 2005 film 'Under Their Skin' is a marked contrast, making a well-balanced and at times amusing investigation into South Islander's attitudes about possums.

October 2006 WordSearch Contest

Prize: \$25 Voucher for Café Domain in Ashhurst

“Native Medicinal Plants”

A	S	B	R	Z	W	A	U	U	A	I	U	P	V	T
E	K	I	H	M	A	K	V	O	K	A	A	I	K	I
T	V	U	W	V	A	W	M	R	B	H	K	R	O	Q
I	R	B	N	M	W	A	A	K	W	W	I	I	H	A
K	S	T	A	A	R	I	D	K	Y	O	N	P	R	D
I	O	M	B	A	K	T	A	A	U	K	U	I	T	M
H	X	R	T	H	O	R	O	P	I	T	O	R	O	P
A	T	A	O	T	I	K	U	M	U	R	U	I	E	M
K	T	I	A	M	A	Y	H	U	A	N	I	H	T	L
G	O	R	T	G	I	C	U	N	R	I	M	U	O	J
H	A	I	N	O	S	K	G	D	E	X	B	P	E	P
Q	E	O	A	L	K	I	O	E	H	U	A	R	A	R
E	P	O	I	G	O	I	G	A	P	B	Y	S	O	K
M	J	X	M	R	N	B	Q	Q	Z	U	Y	D	F	D
G	P	G	A	B	P	K	M	T	N	Y	G	N	D	Q

__HINAU

__HOROPITO

XKAHIKITEA

__KANUKA

__KOROMIKO

__KOWHAI

__MAMAKU

__NGAIO

__NIKAU

__PIRIPIRI

__POHUTUKAWA

__PONGA

__RANGIORA

__RARAUHE

__RIMU

__TATARAMOA

__TIKUMU

__TITOKI

__TOETOE

__TOTARA

Post Entries to

Manawatu Forest & Bird

Attn: Prize Draw

PO Box 961, Palmerston North

Entries Due By:

10 November 06

Good Luck!! Prizedraw will be
at the November Branch Night