

# North Coast WEED READ

No.5 MAY 2005

Newsletter for the NSW North Coast Weeds Advisory Committee

*We circulate each March, June, September and December. Please send information to the Secretary in the month before publication.*

**Now, what's going on in weeds....**

## **COURSES, WORKSHOPS, CONFERENCES**

### **High conservation value forest restoration**

22 May. Site visit of 13ha project (main weeds camphor, lantana) at Banora Pt, Campbells scrub, Wobul Cr. & Malua. Ph. Yvonne Rose 66777154.

### **Northern Rivers Landcare Agricultural day**

25 (Plantation house, Duranbah) or 26 May (Hudson room, DPI Wollongbar). Information on soil processes & showcasing Landcare projects. Ph. Jackie Luethi 66261329 or Lyn Cullen 66261302.

### **5<sup>th</sup> Landcare/Catchment Management Forum**

18-20 Aug. Theme 'leaving small footprints'. Aimed at landholders, land managers, landcarers & natural resource workers. Wagga Wagga. Ph. 69217308.

<http://murrumbidgee.cma.gov.au/footprint.html>

### **8<sup>th</sup> Qld weed symposium, Townsville**

19-22 June. Shane Campbell (07) 47870604,  
[www.wsq.org.au](http://www.wsq.org.au)

### **58<sup>th</sup> New Zealand Plant Protection Conference**

9-11 Aug. Wellington, NZ.

[www.hortnet.co.nz/publications/nzpps/conferen.htm](http://www.hortnet.co.nz/publications/nzpps/conferen.htm)

### **2<sup>nd</sup> Biennial Victorian Weed Control Conference**

17-18 Aug. Bendigo, Vic. Ph. Weed Society Victoria. (03) 95762949, <http://home.vicnet.net.au/~weedsoc/>

### **4<sup>th</sup> World conference on allelopathy**

21-26 Aug. Wagga Wagga. Ph Dr Rex Stanton

(02) 69332117, [rstanton@csu.edu.au](mailto:rstanton@csu.edu.au),

<http://www.csu.edu.au/special/allelopathycongress/>

### **13<sup>th</sup> Biennial NSW Noxious Weeds Conference**

20-22 Sept. Orange. Email

[lgough@orange.nsw.gov.au](mailto:lgough@orange.nsw.gov.au)

## **W E E D N E W S**

### **New Chief Weeds Officer**

Far North Coast Weeds (managing weeds in the Tweed, Byron, Ballina, Richmond Valley, Lismore and Kyogle council areas) has appointed a new Chief Weeds Officer; Iain Jamieson. Previous to this position Iain spent five years with Gold Coast City Council working in the Pest Management Unit. Iain strives to work with land owners to reduce the incidence of noxious weeds in the county as well as to offer advice on effective management of both noxious and environmental weed problems. Ph 66233833, email [iain.jamieson@fncw.nsw.gov.au](mailto:iain.jamieson@fncw.nsw.gov.au)

### **FREE TREES!!!**

Free native fig trees and other useful replacement species are being offered to land managers undertaking camphor laurel / privet control in the Clarence, Coffs Harbour and Bellingen LGAs. The project is funded by the CMA & sales of the Camphor Laruel Kit. Ph. Reece Luxton (Clarence 66433820), Barry Powells (Coffs Harbour 66484899) or Ian Turnbull (Bellingen 66557338) for yours!

### **Environmental Weeds Control project finalized**

A total of \$110,000 was received by NCWAC from the former Upper North Coast Catchment Management Board to implement the project. A total of \$295,836 was spent implementing the project. Some major achievements were:

- Approx. 300.4 ha of HCV habitats were protected and restored through bush regeneration projects;
- Control of approx. 10,000 honey locust trees from 2.5km of HCV riparian zone at Wyaliba;
- Removal of 42 large celtis trees from backyards in Coffs Harbour & Bellingen with landholders paying 1/3, Councils 1/3 & the CMA funding 1/3;
- Removal of all known broad leaf pepper trees in Woolli;
- Control of all glory lily infestations between Wilsons Headland near Diggers Camp north to Iluka peninsular;
- Coordinated control of glory lily infestations in Coffs Harbour LGA in-conjunction with CHCC & NPWS including assistance from CHCC's environmental levy;
- Treatment of 5 out of the 13 known kudzu infestations;
- Filming of a cats claw awareness CD with Southern Cross University with assistance from affected landholders and a local tourism operator;
- Training, assistance & involvement of 100's of land managers in weed management techniques on their land.

### **Coastal Weeds Taskforce update**

- The group has been working on:  
Mapping of coastal weeds & high priority areas for control such as high conservation value ecosystems;
  - Best management practices for HCV areas & control of individual weeds;
  - Local action plans for high priority areas;
- Media articles will be prepared from the best management practice worksheets. Field days are also planned for each coastal LGA. More info. ph. Tim Scanlon 66550052.

### **Lord of the weeds competition**

2<sup>nd</sup> year of secondary school competition. Find a weedy site in or near the school, students write a report describing the area, weeds & suitable management to win great prize money for school. Ph Susanna Greig 67732809, [susanna.greig@une.edu.au](mailto:susanna.greig@une.edu.au)

### **Describing weeds for identification – new fact sheet**

Go to [www.weeds.crc.org.au/publications/fact\\_sheets.html](http://www.weeds.crc.org.au/publications/fact_sheets.html)

### **New Clarence Landcare Community Support Officer**

Alastair Maple, with over 25 years environmental and community group experience, has joined Clarence Landcare until 30<sup>th</sup> June '05; working thursdays.

All communications to the Secretary

NSW North Coast Weed Advisory Committee, PO Box 117, Bellingen 2454

Phone (02) 6655 7300

Fax (02) 6655 2310

E-mail: [iturnbull@bellingen.nsw.gov.au](mailto:iturnbull@bellingen.nsw.gov.au)

[www.northcoastweeds.org.au](http://www.northcoastweeds.org.au)

### **Rural Industries Research & Development Corporation**

Established by the Commonwealth Govt., the Corp. manages & funds priority research & translates it into practical outcomes for industry development. Their website includes info. on research, programs, publications & Agfacts from around the country. [www.rirdc.gov.au](http://www.rirdc.gov.au)

### **Glyphosate resistance register**

Send any reports to Dr. Rick Llewellyn, Glyphosate Sustainability Working Group, (08) 9380 3419, [Rick.Llewellyn@uwa.edu.au](mailto:Rick.Llewellyn@uwa.edu.au)

### **Talk on ecological history of Tweed**

As part of Tweed Landcare Inc. meeting, Sam Dawson will summarise results of his recent thesis. Wed 18 May, 6.30pm, Mur'bah Services Memorial Club

### **Free integrated vegetation maps**

Published by Bureau of Rural Science; provides info. on vegetation cover types across Australia – incl. native forests, plantations, pastures, croplands etc. <http://data.brs.gov.au/mapserv/intveg/compiled.html>

### **Jumping the fence: new report lists worst garden thugs**

Of the 720 naturalised invasive or potentially invasive garden plants, 393 (55%) are still available for sale & 72 (10%) are declared noxious in 1 state but available for sale in others! For full report see [www.wwf.org.au](http://www.wwf.org.au)

### **First aid**

Any Byron / Tweed Landcarers interested in a first aid course. Ph Kate McKenzie 66725488

### **State Landcare Awards**

10 categories. Entries close 3 June. Ph John 98957252 or [john.perrott@dipnr.nsw.gov.au](mailto:john.perrott@dipnr.nsw.gov.au)

### **Information on weed alert species list**

Jason Weber, Weed Risk Profiler from CRC WMS, based in Alan Fletcher Research Station is looking for information on the Alert List of weed species. Ph. (07) 3375 0734.

## **SOME UPCOMING FUNDING**

### **Clarence small grants for land management**

Applications accepted until funds allocated. Purpose: address land degradation & soil health such as gully rehabilitation, steep lands, soil health. Must be matched \$ for \$. Ph. Clarence Landcare 66435009.

### **Environmental Trust**

#### **Environmental restoration and rehabilitation**

Expressions of interest are expected to be called in May. Last year \$1.5 million was allocated to the Community Organisations program & \$2 million to the State / Local Government program. Grants are for amounts between \$5,000 and \$100,000.

<http://www.environment.nsw.gov.au/grants/restoration.htm> or ph. (02) 8837 6093

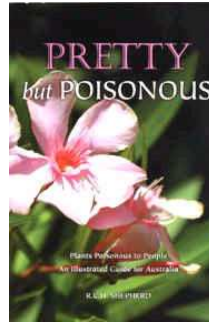
### **Envirofund**

Successful applicants from round 6 have been announced. There will only be 1 call for applications in 05/06 financial year. Round 7 is expected to be called in Sept/Oct 2005. Grants will be offered in 2 tiers; the first for up to \$15,000; the second for up to \$50,000 – obviously more information will be required for 2<sup>nd</sup> tier. Projects will have up to 18 months to be completed. Ph 1800 303 863 or email [envirofund@daff.gov.au](mailto:envirofund@daff.gov.au)

## **NEW BOOKS, CD-ROMs etc.**

### **Weeds in winter pulses. Integrated solutions.**

by Di Holding & Annabel Bowcher, CRC for Australian Weed Management. Free. Ph (08)83036590, Fax (08)83037311, [weedsrsrc.publications@adelaide.edu.au](mailto:weedsrsrc.publications@adelaide.edu.au)



### **Pretty but Poisonous by R.C.H. Shepherd**

Documents a large number of common garden plants, offers clear descriptions/ photographs, poison info. (including chemicals involved) and symptoms of poisoning. Excell. resource for risk managers & parks & garden staff as each plant is coded, where relevant, with symbols - V (Very Poisonous), P (Poisonous), A (Allergenic), I (Irritant). Species of interest; Duranta, Privets, Camphor, Robinia, Agapanthus, Glory lily and many more. Published by R.G. & F.J. Richardson. RRP \$39.95.

### **Plant protection quarterly Vol. 20(1) 2005**

Seminar proceedings: urban grasslands, their management & restoration. Subscriptions: R.G.&F.J. Richardson P.O Box 42 Merideth Vic 3333. Email [richardson@weedinfo.com.au](mailto:richardson@weedinfo.com.au)

## **WEED WARNING**



### **Maurandya barclaiana**

**Description:** Slender herbaceous vine, glabrous except calyx. Leaves with lamina triangular-cordate or triangular-hastate, 1-3.5 cm long, 8-30 mm wide, apex acute to attenuate, basal lobes acute or obtuse, occasionally margins with minute teeth towards base, palmately 5-7-veined; petiole 1-1.5 cm long. Peduncles 2-5 cm long. Sepals long-acuminate,

10-15 mm long in flower, to 20 mm long in fruit, glandular hispid. Corolla 3-4.5 cm long, purple, paler towards base; lobes much shorter than tube, obtuse, the lower 3 pointed forwards. Flowering: spring-summer. Capsule +/- obliquely globose, usually 8-10 mm long, +/- persistent style 15-20 mm long.

**Where is it?** Native of Mexico. Naturalised north from Sydney. Central Coast, North Coast, Central West Slopes, North West Plains. A severe infestation is found west of Gloucester near Barrington / Copeland Tops. *Source of info.:* PlantNET <http://plantnet.rbgsyd.nsw.gov.au>

## CMA UPDATE

### Draft Catchment Action Plan

to guide natural resource management in the Northern Rivers area for the next 10 years.

The process:

1. Development of the target framework (up to 30 March 05) – to establish the aim & direction of the draft targets. It establishes the overall structure & interrelationship between each target.
2. Target refinement (up to 30 June 05) – after establishing the framework there will be considerable consultation with stakeholders.
3. Broader consultation & finalisation of Draft (up to 30 Sept 05) – to ensure refinement of the CAP reflects the broader Northern Rivers community.
4. Approval process (up to Dec 05) – the draft CAP Submitted to the NRC for review and to the Minister for approval.

Further information contact NR CMA 66420622.

## Competitive Pastures for Improved Weed Management

Carol Rose, Agronomist. From a speech given at the North Coast Weeds Forum (see [www.northcoastweeds.org.au](http://www.northcoastweeds.org.au))

### COMPETITION

A strong healthy pasture competes against weeds, increased production, reduced erosion.

Competition is a major weed control. Don't underestimate it!! Your first weed management tool. Saves money, while making money.

### What makes a competitive pasture?

Species suited to the environment - Ecosystem, Soil, Climate.

### Features of a competitive pasture

Many pasture weeds need bare ground to establish. Perennial pasture species provide more ground cover seasonally & longer term.

### Management

Understanding your pasture and weeds

When do the weeds germinate?

What weed threshold is a problem?

Does slashing kill the weeds or spread them?

When do your pastures grow?

How long do the pastures need to rest?

### Grazing management

Matching stock to pasture

Resting pasture at critical times

Understanding your pasture and weeds

### Chemical management

Right chemical, right time eg GPG & Flupropanate

Minimise reduction in competition eg GPG spot sprayed with glyphosate

### Sowing management

Sowing method

Rates, timing, weed control

### Take home messages

Adapted species

Fertility & soil health

Managing for strong pastures

Managing to keep good ground cover

## Seeding following control of bitou bush

Discussion of trials undertaken for NCWAC by John Ross. Issues: Poor success in dry seasons; esp. if seeding in winter at start of dry season. Dead bitou bush debris reduces light. May smother subsequent regrowth. Consider spraying for several years. When debris reduces then seed. Otherwise burn, spray then seed then spray. Problems: fire will kill any existing wattles, coastal banksia & some other species.

Preliminary recommendations:

- Aerial seeding only necessary when large areas of dense bitou bush monoculture. Where light-moderate intermixing of native species or mosaic of good dune vegetation natives will spread and infill spaces.
- Where there is a bitou bush monoculture, trial fire under very controlled conditions. Assess germination from any soil seed store. If good soil seed store...consider a controlled burn then possibly spray. If poor native soil seed store...consider aerial seeding.

## Tweed, Byron, Ballina, Lismore, Kyogle, & Richmond Valley LGA (Far North Coast Weeds area) update

### Alligator Weed

Original infestation areas in Byron Ck are being chemically treated by FNCW with isolated plants being hand pulled. Follow up has occurred with inspection of treated areas in March. New infestation located in Casino and was mapped. Treatment occurred before Easter.

### Water Lettuce

FNCW currently inspecting areas that were treated early this year with remaining plants to be targeted with chemical and mechanical removal before the onset of winter.

### Bitou Bush

The control program for 2005 has begun. Contractors and Far North Coast Weed Inspectors have begun treatment of roadsides in the Northern buffer zone. Aerial treatment program for winter has been organised with follow up ground works of treated areas continuing.

### Salvinia

Blue Knob infestation is currently under control with inspections of dams and waterways in the area continuing. Vintage Lakes Salvinia has been treated with mechanical removal of the biomass (weed harvester) finishing this month. Follow up treatments to be completed by FNCW staff and Tweed Shire Council staff.

### Groundsel bush

Control for the financial year has been completed. An aerial survey conducted in April/May for flowering plants with emphasis placed on upper catchment areas.

### Cockspur coral tree

Identifying sites for the CMA project concentrating on core infestations upstream of HCV areas. Extension of project has been granted with steering committee having met and discussed stage 1 of the project.

### Promotion

Prime news contacted FNCW in relation to the NCWAC media releases on Lantana. A four minute segment was shown on the nightly news, extensive coverage was gained through lead ups to the news and in the credits where a shot of lantana was used. Prime are interested in

feature articles on weeds especially cockspur coral CMA project.

### Staff

Far North Coast Weeds advertised for two new noxious weeds inspectors and a spray person to fill positions available through retirement and resignation.

### Broadleaf Pepper Tree

A memorandum of understanding was signed in regards to the Bitou Buffer zone in NSW and the Broadleaf Pepper buffer zone in QLD. Gold Coast City Council are the only party yet to sign the MoU and will put it before their council before any decisions

## Clarence Update

### WEED ALERT

**Black Willow *Salix nigra* was identified in the Coldstream River area. Weed Inspectors are on the lookout for further infestations. It is not currently declared in the area it was located in - the former Pristine Waters Council.**



### Co-ordination

- The NSW DPI "Handbook to Councillors and Councils" will be made available to all new Councillors due to be elected on 5 March. This booklet will provide a timely reminder the importance of effective weed management. No organisational changes to report to date.
- Weed mapping was undertaken as part of NCWAC Coastal Weed Taskforce – info supplied by local NPWS, DOL, Coastcare, Landcare, Envite and council staff

### Groundsel bush

- Section 20 work conducted on Groundsel bush by CVC.
- PMP followed up for 2 landholders for 3 year plan on Groundsel bush.
- Groundsel Bush control by NPWS in Yuraygir NP around Sandon-Brooms Hd area, Wooli and Station Creek/Red Rock. Further work planned including Esk River area of Bundjalung until flowering. Also groundsel control in Gurrangang NR.



### Camphor laurel

- Camphor laurel is targeted through a NCWAC replacement project with free trees and control kits being available. Likely to be well received and compliment the inspection program on Camphor laurel through the Clarence at present.
- The CVC CWO attended a Camphor Laurel workshop in Chillingham run by Tweed Landcare. A very informative day with guest speakers and demonstrations by Bruce Hungerford, formerly of DIPNR Murwillumbah on control techniques.

### Aquatic weeds

- Sentinel sites were set up to identify the rates of spread and presence/absence of aquatic weeds, as per the guidelines provided by Andrew Petroschevsky, WONS Co-ordinator.
- Susan Island and Clarence River inspected for Water Hyacinth – treated as found.

- CVC Floodplain Services are regularly inspecting their drain systems and the feeder drains and creeks and will treat outbreaks of noxious weeds as soon as possible to prevent it spreading out of control. CVC Noxious Weeds Office will now be sharing the EPA Licence for application of herbicides over waterways with CVC Floodplain Services.

### Coastal weeds

- Glory lily control by NPWS in all reserves; especially in Yuraygir around Diggers Camp-Wilsons Headland and north and south Sandon. CVC undertook Glory lily control in Brooms Head
- Assistance provided by CVC to Minnie Waters Dunecare re: pink flower lantana control, and to Brooms Head Reserves Improvement Committee for Glory lily control.
- Coastal bush regen works by NPWS being undertaken in southern and central Yuraygir, Clarence Estuary NR at Yamba, Yaegl NR, ILuka NR and Susan Island NR.
- An unprecedented amount of Red Flower Lantana control was carried out by CVC Noxious Weeds staff on a number of private properties across the Clarence. This is likely to be brought on by reports in the local RLPB newsletter indicating a high level of lantana poisonings of cattle recently.
- Contract work for NPWS on Groundsel Bush was undertaken in the Brooms Head/Sandon area, complimenting our work. Further Bitou bush work conducted in vacant crown land reserves and council reserves in the former Pristine Waters Shire.

### Riparian weeds

- The CWO is working with Coastcare Co-ordinator Brian Hughes to devise a project to deal with the issue of weeds in the riparian zone adjoining the Pacific Highway between Maclean and Tyndale – funding to be sought through RTA.
- Identification of Johnson Grass *Sorghum halepense* in the former Copmanhurst area.

### Bush regeneration

- Clarence Valley Council's Maclean Office have a Bush Regeneration team funded externally for 12 months to conduct works on the coastal reserves around Yamba and Iluka, and we have supplied assistance as required.
- Assistance was given by CVC to the bush regeneration program with noxious weed control on Hickey Island

### Roadsides

- CVC operational staff completed control of general roadsides for **Groundsel Bush, Red Flowered Lantana and Camphor Laurel** as per the Annual Works Program. The Pacific Highway was completed in early December, with ongoing issues with **Johnson Grass** adjoining sugar cane cropping areas.
- Contractors were used to control **Blackberry** in the upper Pristine Waters area along roadsides, with complimentary work undertaken by RLPB on TSR reserves in the area.
- Control works also achieved on **guideposts** throughout the former Pristine Waters Council area, as well as spraying of streets and kerbing for the former Maclean Shire Council.
- Work was also conducted on **GPG** using Centrogen wick wiping in the Tyringham area.

### Clarence Valley Council Inspectorial

- Property Inspection procedures were reviewed to increase the effectiveness of the use of PDAs. On target to achieve 3000 inspections this financial year.
- Maclean inspections – working around the Maclean area and Yamba West, along with the river islands

- area around Woombah.
- Re-inspections – Shark Creek, Woombah, Micalo Island targeting **Camphor Laurel and Groundsel Bush**
- Grafton Inspections – working near where Green Cestrum reported through overgrown blocks – Weed Inspectors working with Environmental Officers responsible for overgrown blocks
- Pristine Waters Inspections – Properties along the Orara around Ramornie.
- Continue re-inspections in Seelands, Waterview Heights and Lanitza – mainly Groundsel bush.
- Copmanhurst Inspections in the Rogans Bridge area, identifying Red flower lantana as main weed. Incidental inspections identifying Green Cestrum.

#### **Extension and awareness**

- Extension and awareness activities include inclusion of articles in Daily Examiner 'On the Farm' and the Clarence Valley Review – Johnson Grass. The NCWAC display van was also present at the Australia Day celebrations at Copmanhurst.

#### **March - May**

- Bitou bush aerial spraying workshop
- Aerial surveys for noxious weeds on private property
- Operational programs on Groundsel bush, Camphor laurel and other noxious weeds

### **Coffs Harbour City Update**

#### **ALLIGATOR WEED**

- First infestation of the weed was identified last December when an alert primary school principal called CHCC suspecting that this weed was on the school grounds.



*Photo: NSW DPI*

- A small amount was found next to a potting out area for the children and it is suspect that it may have been bought to school by a student at some time. It was sprayed with Brushoff in December and again in late January.

#### **CELTIS**

- 60 trees removed a part of the NRCMA contract and more programmed in the near future. Continuing to remove them from Council reserves. Removal of larger ones are causing some friction with neighbours who want them left for aesthetic reasons ie: shade, privacy noise barrier.

#### **BROAD LEAF PEPPER TREE**

- Not as big a problem as Celtis and largely confined to the Sapphire area where a few still remain on private land and Councils reserve system. Removals continuing.
- Identification of these by the public is difficult. Television coverage would be much more effective in bringing these weeds to the public's notice than what we have been doing in the past.

#### **KUDZU**

- Spraying of the highway infestation at Korora has taken place prior to the CMA contractor removing much of what is left by physical means. Two small infestations found at Nana Glen, both controlled.

#### **GROUNDSEL BUSH**

- An areial inspection revealed 25 infestations. Notices sent with most being controlled by the landowner

- Groundsel Bush control programs underway.

#### **COASTAL WEEDS**

- A review and management plan for the aerial spraying of Bitou Bush is being prepared in time for this years aerial spraying program in Moonee Beach Nature Reserve and The Coffs Coast Regional Park.



#### **ENVIRONMENTAL LEVY**

- Application submitted for funds to control Camphor Laurel, Bitou Bush, Celtis, Privet and Pine trees and other environmental weeds.

#### **FUTURE PLANS – March - May**

- Annual NPWS Glory Lily programs will be completed this month in Bongil Bongil National Park. Big year for germination, coupled with good native regeneration has almost doubled control costs this year.
- Council has supported the removal of Camphor Laurel on private land by providing funding to purchase tree injector kits to be loaned to farmers free of charge with chemical.
  - Follow up entry notices sent to landowners with Groundsel Bush not complying with S18 notice.
  - Comprehensive roadside program for Red Lantana,
  - Groundsel and Crofton Weed programmed for March.
  - Mapping of Camphor Laurel to commence and a control program developed as part of Council's integrated weed strategy
  - Weed control notices to be issued in the Red Rock/Corindi area.

### **Bellingen Shire Update**

#### **Successes / Problems / Highlights**

- Camphor Laurel is being controlled on 95% of private properties on the upper Bellinger upstream of Thora. This community initiated project has received external funding (\$30K) with support from Council.
- Completed Works – \$17K of works undertaken on Bitou as part of the coastal weeds project.
- Roadsides have been wickwiped. Camphor laurel, Lantana and groundsel bush control continuing. Cats Claw Creeper control programmed following the release of Vigilant ® herbicide Gel.
- Follow up salvinia control undertaken on Nth Bellinger Dam. Cooperative program for crane removal of salvinia with local business planned.
- Extensive blackberry control in Guy Fawkes River NP, plus extension into new areas.

#### **NCWAC & CMA Projects**

- Bellingen cats claw creeper and Kalang vine weeds projects progressing.
- Coffs Harbour and Bellingen kudzu progressing,
- Bellingen camphor laurel trees 1<sup>st</sup> round available later this month (230 trees).

#### **Future plans**

- Inspection of Gorse infestations with National Gorse Facilitator.
- Roadside Management Plan refresher training for Council staff.
- Celtis removal in Bellingen Township.
- Follow up control on Broom on the Plateau programmed

## Nambucca Shire Update

- More GPG control required following some regeneration after December rains.
- Glory lily control at Shelly beach following fire. 40ha bitou bush controlled in 7 hours.
- Extensive lantana and camphor laurel control programs.
- Two new volunteer bushcare groups in Valla Beach (Valla Beach Bushcare). The groups work in Valla and Jagun nature reserves on Tuesdays and Sundays.
- New discovery of Glory Lily in Nambucca Shire Council managed reserve at Valla Beach.
- Lantana and general roadside spraying in NPWS southern reserves.
- Montbretia (right) is becoming more common, especially on roadside drainage areas. Early control recommended to contain this potentially invasive weed. It travels down drainage lines and pops up in sunny breaks.



- The information contained in this Newsletter is based on knowledge and understanding at the time of writing / compiling (9<sup>th</sup> May 2005). However, because of advances in knowledge, readers are reminded of the need to ensure that information upon which they rely is up to date and to check currency of the information with the appropriate officer from the NCWAC or appropriate member organization or the user's independent adviser.
- When using herbicides always read and follow the label and ensure that the herbicide is registered or there is an appropriate permit for the intended use.