

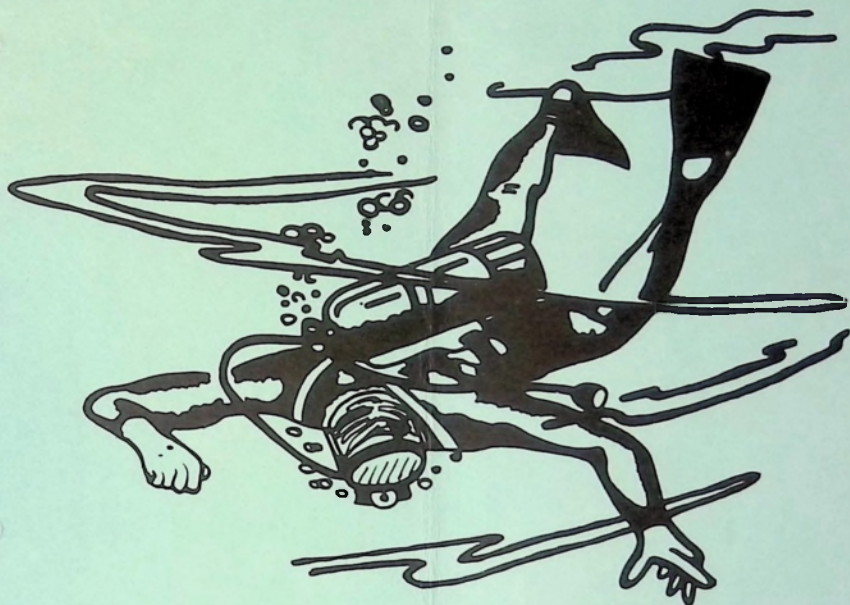
# FATHOMS

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## SAFETY IN DIVING

AUG '81 50¢



# V S A G

VICTORIAN SUB-AQUA GROUP

AUGUST 1981

F A T H O M S

(Official Journal of the Victorian Sub-Aqua Group)  
Box 2526W, G.P.O. Melbourne, 3001

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CLUB MEETING

The next meeting of the Victorian Sub-Aqua Group will be held on Wednesday 19th August, at 8 pm at the Collingwood Football Club, Lulie Street, Abbotsford. Bar facilities are available to VSAG members prior to and after the General Meeting and meals are served from 6 pm until about 9 pm. A list of VSAG members will be provided to the Football Club thereby eliminating the requirement to sign the Visitors Book at the entrance. VISITORS WELCOME!

EDITORIAL

Once again it's time to flop into a lounge chair, put your feet up and browse through your club magazine. This is a particularly important issue as it is time that YOU made a nomination for four members of V.S.A.G. Committee. Enclosed are nomination forms which must be signed and countersigned by a second member and have to be at the V.S.A.G. post office box 2526W G.P.O. Melbourne by 2nd September when nominations close. A better idea is to hand in your nominations at our next General Meeting on August 19th. This year four positions on the Committee become vacant as our Constitution decrees the positions held by John Goulding, Neil Garland, Fred Ferrante and Geoff Birtles will become vacant. You may of course re-nominate any or all of these members or maybe you feel it is time we had some "new blood". There are several hard working members in V.S.A.G. who could be of great help to our Club Committee, so give it careful consideration and send your nominations in now. Remember it is your club, so be sure to make your choice now!!

This month we welcome another new member Gustav Belanzsky to V.S.A.G. Hope to see you on plenty of dives was and enjoying the comradeship.

The V.S.A.G. club library has received little or no use at all over the past years, so the committee has decided the books would probably be better in private collections. Fred Ferrante will soon present this outstanding collection for individual auction during a forthcoming club meeting. So more on that subject in our next issue.

If you wish to remain a member of V.S.A.G. and have not as yet paid your annual subscription, then time has almost run out! If you mail it today further copies of Fathoms will be sent to you and remember you must be a financial member to vote at our A.G.M. in September.

Editorial continued

Our Social Secretary Bob "Ferret" Scott has been sniffing around Melbourne for a suitable venue for a social evening. So, September 25th will be an evening of celebration if you wish to invite your friends for a night on the town dancing, eating and drinking.

On Sunday 26th July the club dive at Flinders was probably one of the most uncomfortable days I have spent on our waters in 14 years of diving. The day was everything, rainy, overcast, a biting S.W. gale and very choppy close seas on a large swell.

Three boats we launched at Flinders and pounded half way to Cape Schank!! The wind was still in the west but soon backed to S.W. once we were anchored over the dive site. Divers were not long below before dirty, cold conditions forced them back to the boat. Some anxious moments were experienced by all awaiting the appearance of the last diver to surface, as everyone huddled in various boats.

At the chance of becoming unpopular, I think the time has now arrived to remind all members that the buddy system must be adhered to at all future dives.

In conditions similar to Sunday 26th, I would not like to be searching for a missing diver, as chances of being successful would be nil! It is difficult to stay together in such conditions when looking for crabs and you can only take the male ones at this time of year, but one pair of divers did stay together so it must be possible. When you become separated from your buddy the only safe thing to do is surface. I certainly wont be diving with anyone who cannot follow the golden rule and be prepared to dive with a buddy. The last thing I want to see is the loss of a good, capable strong diver because of simple neglect of the basic rule of diving. Standing in a rolling boat freezing your ass off, waiting for

a mate to surface is not a joyous time for me as I am the worrying type - that's my burden and I admit it!!

EDITOR

BROADSIDE!

Wilsons Prom. - SDF-V endorses plans for a Marine Reserve.

How bloody incredible! How often have you dived the Prom? How many fish and cray have you managed to take over the past few years. Let me tell you - sweet stuff all! The inhospitable terrain, inaccessability of dive locations and often inclement weather provides all the self regulation needed (and now we have a bag limit of 4 crays anyway).

But this is not enough for "environmental activists" who get more pleasure out of politics and bureaucracy than diving. Marine reserves such as this do nothing better than turn your average sport diver (who can't be bothered with the petty politics) into some kind of criminal, because he bags a cray for the table - and continue to bag them he will!

Just how well are SDF-V representing the interests of the hard core every week sport diver? I really wonder, when you see this kind of rubbish. Now, are we really expected to go to the considerable trouble of launching a boat at the Prom and not take a fish or cray by way of providing purpose to the dive and for effort expended. Is diving to be legislated into "underwater tourism" spanning its own criminal class of smuggler.

Broadside continued

The SDF-V would be better advised to use some of its legislative energy to effect more control on commercial fishing where undersized crays are "plundered" daily for restaurant use and our bay is being decimated with scallop dredging.

I really wonder what's happening to divers and diving. It used to be a sport for reasonably athletic adventurous individuals who claimed the odd cray or fish as part of the thrill of a dive and an acceptable gift for the family table. Today, it seems that unless you get an orgasm from eyeballing a Gorgonian Coral you're a misfit or dissident.

It seems to me that the committees making these decisions are loaded with power brokers and trendies - "self-styled" executives, marine biologists, archaeologists, conservationists, environmentalists and need I go on. Meetings, dive politics, research and lobbying all play a far more important role in their life than diving itself. They are right out of touch with the philosophies of the average sport diver who want nothing more than to be left to their own devices, to dive where and how they please, grab a cray or two, spear (dirty word to trendies) the odd fish and just enjoy their sport.

I don't know anyone who resents reasonable bag limits but a Marine Reserve at the Prom is going too far. It wont worry commercial or line fishermen. It will serve no purpose to most non-diving tourists and will make little effective difference to our new breed of self-styled marine biologists.

Only the sport divers will be penalised - and this seems to be the majority group diving the Prom. Aggressive chaps that they are, this type of unrealistic, patently unfair legislation will have no effect at all - and nor should it!!

Get up in arms fellas and sort SDF out!

GEOFF BIRTLES

Next issue - a broadside on dive shops and schools  
and the new breed "diver".

COMMITTEE NEWS:

Meeting held at Neil Garland's home on July 22nd.

1. Discussion held on future dive sites.
  2. Discussion on forthcoming elections at the Annual General Meeting in September.
  3. Sextant has not yet been purchased. John Gouling to check that it will be easy enough to operate before purchase is made.
  4. This year each winning article of the past twelve months in Fathoms will not be reprinted in the newsletter but will be displayed at the A.G.M. for voting on the evening to decide this year's Literary Award winner. This is to save a lot of stencil typing, deemed unnecessary by the committee.
  5. Geoff Birtles advised he will be unable to co-ordinate next year's V.S.A.G. overseas trip and our diving "swaggie", Andy Redwood will assume this important task.
- \* Next committee meeting to be held at Des Williams home at 29 Valerie Street, Boronia on Wednesday August 26th at 8 pm.

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Total \$1769.50

DIVE CALENDAR

<u>DATE:</u>	<u>LOCATION:</u>	<u>TIME:</u>	<u>DIVE CAPT:</u>	<u>NOTES:</u>
Aug. 15 Saturday	Ski Trip to Mt. Buller		P. Reynolds Snow Capt. 789 1092	
Aug. 19	General Meeting at Collingwood Football Club at 8 pm.			
Aug. 23	Wreck Dive	9.30am	B. Truscott 783 9095	Sorrento Boat Ramp
Aug. 30	Channel Run	10.30am	B. Scott 367 2261	Sorrento Boat Ramp
	Deep water channel run between the heads and the Ramsden wreck.			
Sept. 13	Chimney Rock		P. King 741 3049	
	Boats will leave Sorrento at 9 am and Queens-cliff at 9.30 am, contact P. King for final arrangements.			
Sept. 20	Flinders	9.30 am	P. Reynolds 789 1092	Wreck & Reef Dive
Sept. 25	Social Night at "Abbeys Inn" All Welcome.			

FLOTSAM AND JETSAM

July got off to a swinging start with the annual V.S.A.G. Golf Tournament held this year at Yarrawonga.

Despite the usual good organising by Neil and the very comfortable accommodation arrangements made by Bruce, the attendance was very disappointing.

Such golfing greats as Bob and June Scott, "Slashin" Bazza and Lesley and Paul Tipping stayed away;- so there was really no contest.



Big Bruce's home-ground advantage won him a few tinnies from "El Presidente". Paul and Julie King missed the first day's round owing to the fact that they were having golfing lessons at Geelong all day on Saturday.

John Elliot was looking good for a while, but began to blow up when we decided not to have a few drinks after the ninth hole - - Thank God for the rain.

Saturday night was a great event at the Club - with an excellent meal and plenty of action at the poker machines.

Congratulations to Julie King for winning the ladies prize and to big Bruce for winning the mens competition.

The Kings took out the double when Paul won the longest drive and nearest the pin. As Julie says "He's not bad when it comes to getting it in".

Surprise of the weekend was the early retirement of Marce Goulding after 9 holes on the Saturday. It seems that the rather damp conditions underfoot on the golf course were not to be found at the local wineries and the ex ladies champ preferred to hit the bottles rather than the balls.

Sunday 12th July saw a few hardy V.S.A.G. divers assemble at Sorrento at 8.30 to undertake an exploratory dive on a new location. Although we know of a few divers who have ventured into the area where we were going, we had never had a report of the conditions.

Finding the spot was not too difficult and with Pat Reynolds staying top side we dived into one of the most interesting underwater locations that any of us had seen.

Flotsam and Jetsam cont.

The spot has great potential for further exploration and without saying where it is or what it is, make sure that you get an opportunity to dive it with V.S.A.G.

Hey! don't forget that club elections are coming up soon! Make sure that you have paid your 1981/1982 subscriptions so that you can vote.

A little note and cheque came in the mail the other day from P. and C. Smith - yessir Pete Smith of green boat fame has married Christine. Congratulations to you both, and Pete, when you're up and about again, come diving.

Scoop of the month is the announcement of the intending marriage of Terry Brooks and Sally Roberts. As you may know Sally has been somewhat of a jet setter in recent years, tripping between Terry in Australia and her family in the U.K. This must have been rather upsetting for Terry and so on Sally's latest return to Australia he arranged a super job for her - something which would pay enough to keep them both in the style he was accustomed to. The Job!? - Printer of V.S.A.G.'s "Fathoms" magazine. Congratulations to you both. and may the good work continue.

Now that a certain low key member has turned that ripe old age of 40 I suppose he will start wingeing about cold water, early starts and come up with the usual excuses given by a few of the other old timers. Never mind Geoff, if some of the younger blokes start grabbing all the crays from now on we'll schedule more treasure hunts!

BEN DOVER

S.P.U.M.S. 1981 CONVENTIONCEBU - PHILIPPINESby PETER KAMEN

The combined mass of Peter Stone and 30 odd excess bagged doctors weighed heavily on my mind and the DC 10 as we taxied to the end of the Tullamarine runway.

As usual, the weather in Melbourne was cold and sunny on June 3rd the departure date S.P.U.M.S. had chosen for its annual convention. This year it was to be the ARGAO Beach Club on CEBU in the Philippines, about 800 kms from Manila.

We left Melbourne at 9.30 am and arrived in Manila at 7 pm local time; 2 hours behind Melbourne time. The contrast in climate was expected and awaited with enthusiasm, but fortunately we could retreat to air conditioned rooms while we adjusted to the change.

We stayed in the Manila Hotel overnight and then left for CEBU next morning. The Philippines Airlines 727 vintage model took 70 minutes to make the trip with no onboard services whatsoever.

We drove to ARGAO Beach Club by coach along a bumpy, potholed, winding road and arrived two exhausting hours late to be greeted with a glass of fruit juice and a beautiful, brand new resort. On the evening of our arrival we were briefed by the local dive guides who described fantastic drop offs to 300 ft and 120 ft visibility, all within easy reach of the resort.

We woke the following morning to a perfect sunny day, temperature 30 degrees celsius with a mild sea breeze playing on the coconut fronds.

S.P.U.M.S. 1981 Convention cont.

Weight belts and scuba backpacks were signed out to each diver at 7.30 am and by 8 am we were aboard the dive boat ready to go. Ten minutes by boat from the club we anchored in 15 ft of water and familiarized ourselves with our equipment and dive location. Our dive guides wanted to check us out for competency of course and asked us to remove masks and buddy breath. The visibility was about 80 ft as we swam towards the first drop off. We were slowly descending from 10 to 20 ft when ahead of us we could see only blue. We were at the edge, the wall went straight down to 120 ft. At this point the dive guide reminded us to keep close to our buddies and stay together as a group. It seemed to be only seconds before that my depth gauge read 20 ft, now descending rapidly in crystal clear water I was already at 80 ft. I inflated my B.C. to check my rapid descent and orientated myself. The vertical cliff was punctuated by several large holes and innumerable gorgonian fans. On closer inspection there were millions of small fish darting about the coral which decorated the wall right down to the sandy bottom. I could see the surface quite clearly and the sand below seemed only feet away. Obviously on dives like this submersible deco tables and reliable depth gauge and watch are absolute necessities, it's just so easy to go deeper than your original plan. The water is just so warm that wetsuits can be totally dispensed with even at 150 ft.

Boiler suits are the order of the day as jelly fish and stinging hydroids as well as the ever present coral are likely to injure the unprotected diver.

There are more species of coral in the Philippines than on the Great Barrier Reef but unfortunately the coastline is totally exploited by the native population. Coral is removed and exported to all

ELECTION OF DIRECTORS: 1981-82

NOMINATION FORM

We, the undersigned, being full members of the Victorian Sub-Aqua Group, hereby nominate:

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for the position of Director.

Signed: \_\_\_\_\_ Date: / /

Signed: \_\_\_\_\_ Date: / /

I, \_\_\_\_\_ hereby accept the above nomination for Director of the Group.

Signed: \_\_\_\_\_ Date: / /

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parts of the world including Australia.

The locals use a home-made gunpowder to blow the reef, quite an illegal activity these days but difficult to police. When scuba first arrived here in the 60's the local macho-men shot out the fish population along the whole coastline. But, again spearfishing with scuba is also outlawed, perhaps too late for the fish because on all our dives we saw very few large reef fish and almost no pelagics.

Very little current moves around these islands and the larger fish prefer to swim in moving water especially sharks which abound on the bottom waiting debris to float past.

Another big problem facing the coral reefs here is that of siltation due to the uncontrolled clearing of land. This problem is now well recognised and the government is taking action to control land abuse, but in many areas the coral is already dead with little hope for re-growth.

After a few dives at the Argao we decided to go to a neighbouring island about 15 miles away which by all accounts had better visibility and more spectacular scenery. We weren't disappointed when we dived at Cabilao, 130 ft visibility and drop-offs to 300 ft. On one occasion we were suspended at 140 ft and could just make out the surface, but below us the blue void seemed to disappear forever and on one side we had this spectacular coral wall covered in gorgonian fans, soft corals and sponges.

After the day's diving we returned to the conference hall for the evening's lectures which we programmed to start at 4.30 pm but almost invariably ran late. The first talks centred on decompression sickness, patho physiology and treatment, followed by talks on dybaric osteonecrosis, commercial

S.P.U.M.S. 1981 Convention cont.

diving in the north sea, physiology of diving mammals and future locations for S.P.U.M.S. conferences.

We averaged two dives a day for six days and capped it off with a night dive down to 80 ft on a wall just off the beach. I used a 100 watt movie light to stir all the fish and the colours at night are magnificently intense and not dulled by the blue haze which one gets on a day dive. Of course at night all the fish are exceptionally co-operative and stay quite still for the photographer who can physically handle them without waking them. With all the lights off each diver is outlined by flashing phosphorescent plankton and the effect is quite psychadelic.

After seven days at Argao we flew back to Manila and stayed for three days. Shopping excellent as long as you buy only local wares, such as shoes and clothes which are about half to one third the equivalent prices in Australia.

Imported alcohol is prohibitively expensive, with a bottle of Johnny Walker costing \$35. Suffice it to say that we drank the local brew - San Miguel Beer - exclusively, as the water is chlorinated and not very palatable. One word of warning to any intending traveller, take along some homatil and mylanta.

GOOD LUCK!



SDF-V DINNER DANCE

11th September

Moonee Valley Racecourse

Cost \$22 per head all inclusive

(VSAG member needed to arrange our tickets etc.)

A NIGHT ON THE TOWN

September 25th is a Friday for you and your better half to enjoy an evening dancing and making merry with VSAG.

VENUE: "Abbeys Inn" (next to Casa De)  
(Manana Hotel )

Cnr. Park St. & St. Kilda Rd.  
Melbourne.

COST: \$17 per head which includes drinks if they are beer or wine, food and dancing.  
Spirit mixed drinks are extra.

CONTACT: Bob Scott on 367 2361 for a booking.

We have a limited number booked, so be early and book now for what should be a lot of fun. Why wait till Christmas to rage with VSAG!

PERISCOPE

F.I.D.I. instructor Warrick McDonald, affectionately known to his many diving friends as "King Billy" (Guyatt), has finally taken the plunge and qualified as a P.A.D.I. Open Water Instructor! (If you can't beat 'em - join them.)

Certification consisted of a 14 day live-in course at Jervis Bay. And it was tough, tough, tough! 7 am to 12 midnight each day with most of the daylight hours spent in the water (did you take your chlorine drops King Billy?). We are not too sure about the night work but are inclined to think that this may have been of a practical nature also, as some lovely young foxes attended from Heron Island!

For those of you who have wondered about Hypothermia, Warrick (built like a sexy ferret), had a first hand experience. After some hours in a wetsuit he was required to complete an 800 metre surface swim (in bathers). He sank, unconscious, after completing it. We now believe this requirement is deleted from the course.

Anyway - the point of these jottings is that Warrick is providing us old lags with opportunity to Professionally upgrade our qualifications (?) with cross-certification to "world" standards. Like there is no way that F.I.D.I. or Dive Club certification is going to get you diving in the U.S. of A. or many dive resorts including Fiji. \$40 and one full weekend of prac and theory work. Great value and probably a necessity if you intend to travel in the future. Actually the Big M and I intend to go one better (sound familiar) and simultaneously cross certify to "Advanced Diver" standard. (Hope they've got a decal for the back of my boat - Gung Ho!). We're interested in hearing from any VSAG lads that would like to do it with us (the course - of course - you fools!).

Periscope notes some considerable speculation as to why your correspondent has his name on the back of his Haines. Actually, I would have put it on the side but figured that we would be moving past Johnny too fast for him to read it!

Whilst on the subject (again) of J.G. some of our more regular divers (of which there seems to be blessed few at this time) might have noticed his uncharacteristic absence from many recent dives. In fact we hear that his progress on the golf course is improving in inverse proportion to his dive attendance. Some have suggested a conspiracy between his little lady (a keen golfer) and our illustrious president (ex diver - now golfer extraordinaire). The plot thickened on the morning of our exploratory wall dive. Sabotage! Missing rotor button (She's mean!). Once again it seemed our hard working secretary would succumb to the insidious golf bug. But it was not to be. Periscope is pleased to report that J.G. overcame all adversity to arrive one hour late and once again display his considerable navigational skill and pilot us on to a rather brilliant dive. Periscope showed its appreciation by arranging a drive of the Haines for him! When John gets sick of the executive rat race the Merchant Navy has got a spot for him - that's if the golf bug doesn't get him first.

Periscope notes that at the recent Boat Show the SDF-V displayed about as much imagination and thought with its dive stand as it has with its policy decision to support moves for declaring Wilsons Promontory a Marine Reserve! A rather dowdy stand tucked away in a dark corner contrasted sharply with A.U.P.'s well presented, brightly lit display, attractively manned with friendly foxes!

Russell Kit of Southern Cross Divers tells me that John Goulding not only got an excellent mark for his Cave Diving theory paper, he got a Kookaburra stamp for neatness as well! Incidentally, "ussell's

Periscope cont.

energetically commercial approach to the business is a hard act for his competitors to follow. The industry would be in much better shape if it had more of his kind of professionalism. On the other hand success has its own little pitfalls - our next diving course has doubled in price, only months later. It's sometimes wise when one starts to enjoy a little success to reflect on what made it happen.

This month's scoop! Your correspondent has received more than the odd bit of flack in regard to exploiting his wife's good nature and desire to (understandably) please her husband. Well let me tell you - my chauvinism pales into insignificance compared to the Big M. Would you believe that on unloading Mick's boat following a mid week scallop dive Periscope just happened to observe Anne Jeacle proceed to dutifully fill a tub with fresh water and commence to wash her husband's gear! VSAG wives take note - this is the act of a truly loving wife! Isabel is now booked in for one weeks training - any other starters? (Incidentally - Mick's pre-dive grumbings of "Anne's forgotten to pack my gloves again" has now started to make some sense).

It would be quite wrong to close this issue of Periscope without some kind of tribute to (Captain) Paul King. In spite of 40 knot northerlies and heavy pressure from Julie to attend a company BBQ (Darling you know it's too cold and windy - stay in bed ...." etc etc) he fronted Queenscliff pier at 9.30 am ready to lead his intrepid band of (3) divers on to Chimney Rock. (He even researched the marks!)

Well, the little lady had her way. It was too rough to even contemplate crossing the bay to pick up Paul let alone dive the rock. Thanks to our new CBs and courtesy of the coast guard we sent a message across to Paul to say it was off to blinders. Julie might have had her way on the day but the divers had the

last laugh. Many of you know that Julie will kill for a cray (and her husband doesn't get wet often enough to satisfy her need - for crays that is). How does 14 crays between 3 divers sound Julie? "Illegal", I hear - well naturally we threw our bag limit excess back. What else would you expect from VSAG divers who had driven to Sorrento - from Sorrento to Flinders - battled 30 knot winds and moderate seas to the dive spot (a secret) and 40 - 50 knot winds and rough seas back again? Anyway some of the bugs were female so we did the right thing by them (frankly we're a bit sick of this positive discrimination thing for women). Periscope is pretty sure it observed a tear squeezing down Mick Jackiw's beard as he gently lowered a four pounder with eggs back into the water. Little Mick is getting pretty mean with a cray nowadays and the Big M has lined him up for lessons - would you believe a zero catch on the first dive! It was only Big Mick's size that got us back into the water for a second tank - after all Mick J and I were replete, so to speak. We later fed Julie cray scraps over drinks so she won both rounds after all.

At time of writing the power has just failed. The unions have now closed the wharves, disrupted transportation, taken the food from our mouths and power from our homes - Advance Australia!

GEOFF (SUB) BIRTLES

CAVE DIVING SEMINAR - 7TH NOVEMBER

North Melbourne Football Club

Cost \$15 per head with dinner

\$10 per head without dinner

Speakers include: Ian Lewis, Russell Kitt,  
Reg Lipson, Peter Stace  
and Barry Herd

\*See John Goulding for tickets

MARINE BIOLOGY FOR THE DIVER OR NON-DIVER

Those of you who didn't stay at home to watch TV during our July meeting, when Reg Lipson presented his most enjoyable lecture and slide show, should be interested in the following details. And those who did miss a terrific night's entertainment, might like to look at our local seas through new eyes with the aid of new Marine Biology classes soon to begin at the State College in Hawthorn, run by Reg Lipson.

As enrollement for the first courses close on August 21st, I suggest you book now by contracting Reg Lipson at Marine Studies Services, 70 Railway Parade South Chadstone, Telephone - 277 0773 or obtain an enrollment form by phoning Des Williams on 762 1623 after hours.

MSS Courses '81/A/1: Marine Biology - A First Course

- \* Four evenings of two 'hour' lecture/discussion sessions employing audio visual aids and biological specimens.
- \* One evening of two hours practical work with local marine animals.
- \* Optional - One half-day (Saturday or Sunday) excursion (non-diving) concentrating upon marine animals.

This course is designed primarily to suit the recreational interests of scuba divers. However, because there are no diving excursions involved as part of the course persons other than divers are welcome as students.

Students Will Learn

- \* Of the major Victorian marine animal groups.
- \* Natural history aspects of the behaviour and ecology of local marine animals.

- \* Of Victorian resources for marine animal and plant identification.
- \* Techniques of animal collection/fixation/cataloguing.
- \* Simple techniques and skills of under-water photography - if desired.
- \* Of reference material suitable for increasing their own marine fauna/flora knowledge.

Maximum number of students:-

24 for lecture/discussion sessions  
12 for each practical work session  
24 for the optional excursion

COST:               \$55 per student  
                      \$10 optional excursion

COURSE DATES: MSS Course '81/A/1 - Sept 9, Sept 15  
                      Sept 23, Sept 30, Oct 7 and Oct 14  
                      Enrolments must be completed no later  
                      than - Aug 21, 1981.

PLACE:               State College of Victoria at Hawthorn,  
                      442 Auburn Road, Hawthorn.  
                      Room 208 - 7.30 - 9.30 pm.

MSS Course '82/B/1: Marine Biology - Diver's Course,  
Part 1

- \* Eight evenings of two hour lecture/discussion/practical sessions employing audio visual aids, biological specimens, library resource material and microscopic/scientific equipment.
- \* Two shore dive excursions (one during daylight, one during night time hours).

MSS Course '82/B/1 cont.

- \* 1½ days of boat diving excursions (at least three boat dives) per student. During these excursions (dives) all students will dive with Reg Lipson in order to continue their education whilst underwater. Only four students at any one time will form a boat-party with Reg Lipson thus maintaining the high educational standards of MSS. Each student will have the opportunity to experience HOOKAH DIVING.

This course is designed to MAXIMIZE the opportunities for scuba divers to learn of local marine animals and plants with the best possible educational advantages of small group tuition and fieldwork excursions.

Students Will Learn

- \* In-depth aspects of natural history of our local marine animals and plants.
- \* Techniques of animal observation - underwater.
- \* Techniques of animal observation - laboratory.
- \* Skills of simple microscopy.
- \* Recognition/Classification of local marine animal groups.
- \* Skills of dissection.
- \* Victorian resources for marine animal/plant identification.
- \* Introductory knowledge of sea-bird natural history.
- \* Techniques and skills of underwater photography - if desired.
- \* Of reference material suitable for increasing their own knowledge of marine flora and fauna.



Maximum number of students:-

16 for lecture/discussion/practical sessions

16 for shore dive excursions

4 for each boat-dive excursion

COST: \$220 per student

COURSE COMMENCEMENT MSS Course '82/B/1 - Feb 9, 1982

DATE: Enrolment must be completed not later than Jan 22, 1982.

PLACE: Hawthorn Institute of Education  
room 208 - 7.30 - 9.30 pm.

### Marine Biology - Specialised Courses

These courses will consider, IN-DEPTH, various aspects of marine biology, etc. of particular interest and application in recreational diving.

Full details of courses will become available during 1982.

### MSS Course '82/B/1: Marine Biology - A Divers Course

#### Part 11

This course will continue the studies/excursions commenced in Marine Biology - A Diver's Course Part 1 but will change educational objective so as to aid the diver to become a self-sufficient recreational marine natural historian. As well as the material mentioned above unifying concepts in marine biology will receive attention - e.g. marine ecology studies.

Entry to this course will be only for students who have completed Marine Biology - A Diver's Course Part 1.

Full course details will be made available during mid-1982. Interested? Then act now to be sure of a place in Reg's class.

DES WILLIAMS