## There's something fishy going on by the smell of it



#### **Pickled Onion**

Have you noticed anything? The calm weather and blisteringly warm days have had a profound effect on the inshore waters although most people drive by such phenomenon day after day without even realising it; certainly not seeing it.

Something that they probably do notice is the unhealthy odour that permeates from areas like Warwick Pond and Seymour Pond.

Partly a result of the lack of rain or other fresh water input and partly from the warm weather and powerful sunlight that stimulates such things, the bacteria and other micro-organisms in the ponds are growing and multiplying at a terrific

This raises the biological oxygen demand to support such growth. Warm temperatures mean that less oxygen is dissolved so there is less available.

Simply stated, the demand for oxygen exceeds the supply. When that happens the various chemical systems turn to other sources to drive the myriad reactions that are

Next on the agenda are the sulphates. These are a chemical combination of oxygen and sulphur. Metabolism of this material which is exceedingly common in salt water (remember fresh water seems to be in short supply as well) leads to production of hydrogen sulphide. Most know this as the gas that gives us the "rotten egg" smell. It is also highly toxic and, surprisingly, the human nose is one of the best detectors of its presence. That is why it is so noticed.

A similar mechanism is at work in areas like Jew's Bay and Riddell's Bay and elsewhere. Here, the outcome is much more visual although there is that sort of foetid, sea weedy smell as well, which is sometimes barely noticeable.

When the light is right the water seems to have a sort of electric sheen to it; kind of a fluorescent greenish -blue tinge. This is also due to the wild growth of plankton which are taking advantage of the

bright sun and warm temperatures. In areas where they get significant inputs of fresh water from rivers and streams tis often leads to what is referred to as a "red tide".

These particular organisms can be toxic and this can build up in shellfish rendering them poisonous for human consumption. Fortunately, this is not really an issue here as shellfish like clams or oysters are not harvested. Elsewhere this sort of thing can significantly affect local economies.

These conditions do not extent to the offshore; at least not here and the food fish that are caught on the Banks and elsewhere are deemed to be safe. Apart from the obvious value to everyone, this is the time of year when the greatest variety of fish are being caught and both fishermen and anglers are mixing and matching all sorts of fillets in addition to whole fish, so any indication of contamination could be disastrous.

Right now, large numbers of barracuda are being caught. In most places they are avoided for fear of ciguatera, a fish-based disease but one which has had little impact here over the years. Lots of barracuda

fillets have been consumed in the last century or so and there is no apparent reason to discontinue the practice.

Rainbow runners are also numerous on the offshore grounds and readily please chummers looking for some fast light tackle action.

Although there are still some vellowfin tuna around, the fishing emphasis is steadily shifting towards wahoo as the much-anticipated autumnal run should not be too far

Anglers have used a variety of techniques with success often coming from the unlikely. Many assume that live baits will outproduce traditional trolling but this seems to differ from locale to locale and from time to time. There have been times when a live bait could not grab anything's attention and yet trolling a garfish a hundred feet away elicited a strike. Go figure!

At the moment, there doesn't seem to be any notable concentration of wahoo as catches have been had on the Edge, both Banks, down north and from the East End.

It is a matter of taking your chances and hoping to hit the Mother Lode. Dragging out in the deep is also likely to result in a blue marlin taking an interest, so be warned.

There are some photos and a lot of gossip doing the rounds that involve a tarpon being hooked in the Elv's Harbour area.

Most years, this warm and usually calm month sees small schools of tarpon cruising though harbours like Mills Creek, Elv's harbour and even along Ferry Reach. Often close to beds of fry, they are often willing to take whatever may be on offer; but it is the catching that can prove challenging. It has been done on a few occasions but the species is a noted battler and in some of the areas that they frequent the amount of underwater debris is likely to guarantee a parted line. It is easy to see why they are such a popular game fish in many places where they are more numerous.

Weather permitting, next weekend should see the season's last major tournament take place. Always a popular event, this will be the 52nd Wahoo Tournament and anyone wanting to get in a bit of fishing and maybe a bit of something for the freezer should make plans to spend next Sunday on the briny in search of Tight Lines!!!

#### FOOTBALL

## Coaches complete introductory course

#### **Sport Staff**

The Bermuda Football Coaches Association has announced that an additional 23 coaches successfully completed the Introduction to Coaching course last weekend.

The course, which was delivered by Uefa B license coach educators from the BFCA, helps to qualify the coaches for the Bermuda Football Association D Licence required to coach

vouth teams from under-7 to Under-9 age levels. The BFA coach licensing policy will come into effect today, and mandates that all coaches must be licensed at required levels for specific age groups.

The Intro to Coaching is a new course offering from the BFCA and includes 15 hours of classroom theory and practical field sessions delivered over two weekends. The coaches were provided with information focused on the characteristics and development needs of the grassroots player, including: The Role of the Coach, How Players Learn, Planning the Session

The practical sessions helped the coaching refine their skills of delivering focused sessions, the layout and organisation of the session, and the key points for delivery of an effective session with young players. During the course the candidates were

given the opportunity to experience involvement in sessions conducted by their peers, before working with young players to deliver their sample sessions.

Demonstrations and exam-

The course was led by BFCA

#### **TENNIS**

### Mallory marches into semis

#### **Sport Staff**

Trey Mallory has made the semi-finals of the Antigua & Barbuda St John's Wadadli Bowl after beating top seed Jeffrey Fradkin of the United States 6-4, 6-1 yesterday.

The 16-year-old achieved his best win in the under-18 event by defeating Fradkin, who has a ITF world ranking of 480. Mallory will no doubt be in contention for some increased ITF ranking points. On route to the

semis, Mallory defeated Aidan Nirel Gregory, of St Lucia, in his opener 6-3, 6-1. He then beat No 8 seed Romani Mayers, of Barbados, in a three-set match 4-6, 6-1, 6-4.

Mallory will now face seventh seed Arthur De Souza Fonseca, of Brazil, in the semis. He is also in the semis of the doubles, with partner Philippe Mercelina of the Netherlands. The pair face No 1 seeds Tom Leblanc Cavalerie, of France, and Alvin Nicholas Tudorica, of Canada, in the last four.

# SPORT SCOREBOARD

#### BERMUDA

All times Bermuda

**CONCACAF WOMEN'S CHAMPIONSHIP** 

#### **FOOTBALL**

5. Antigua

Pts 6 0 1. Jamaica 11 8 **5** 1 0 **2** 2. Cuba 0 3. Trinidad 4. Bermuda

Yesterday's results Antiqua & Barbuda 0 Bermuda 5 Trinidad & Tobago v Jamaica, late Tomorrow's games Bermuda v Trinidad & Tobago, 6pm Jamaica v Cuba, 9pm

**CHARITY CUP Tomorrow's game** PHC Zebras v Robin Hood, Bernard Park, 5.30pm

**DUDLEY EVE TROPHY** Group B

Somerset Trojans v Devonshire Cougars, PHC Field, Group A

North Village v Dandy Town, PHC Field, 5pm CRICKET

### ONE PREMIER DIVISION TWENTY20

St Davids 30 20 St George's 20 10 10 0 Southampton Rangers 3 Baileys Bay Western Stars

Tomorrow's games St George's v Somerset Cricket Club, Wellington Oval St David's v Western Stars, Lord's Bailey's Bay v Southampton Rangers, Sea Breeze

ONE FIRST DIVISION TWENTY20 Flatts 20 10 10 Dev Rec Warwick Somerset Bridge **ECL Select** PHC Cleveland Willow Cuts

Tomorrow's games

Cleveland County v Warwick Workmen's Club, Wellington Oval Willow Cuts v PHC, Somerset Cricket Club Flatts v ECL Select, Lord's

### **OVERSEAS**

#### **FOOTBALL**

#### **ENGLISH PREMIER LEAGUE** Today's games Leicester City v Liverpoo

Chelsea v Bournemouth Crystal Palace v Southampton FC Everton v Huddersfield Town West Ham United v Wolverhampton Wanderers Manchester City v Newcastle United Tomorrow's games

Cardiff City v Arsenal Burnley v Manchester United Watford v Tottenham Hotspur SKY BET CHAMPIONSHIP

Yesterday's result Leeds United 0 Middlesbrough 0 Today's games
Birmingham City v Queens Park Rangers Brentford v Nottingham Forest Hull City v Derby County Preston North End v Bolton Wanderers
Reading v Sheffield Wednesday Sheffield United v Aston Villa West Bromwich Albion v Stoke City Wigan Athletic v Rotherham United

Millwall v Swansea City Tomorrow's games Ipswich Town v Norwich City

and What to Coach, The Use of Small Sided Games, and Developing Parental Relationships.

ples of model sessions were also provided by the coach educators.

coach educators Andrew Bascome, Maurice Lowe, Richard Todd and Dennis Brown. To date 78 coaches have completed the course between June and

Pittsburgh (Archer 4-7) at Atlanta (Gausman 9-9) Toronto (Estrada 7-10) at Miami (Chen 5-9), 8.10pm Cincinnati (Castillo 7-11) at St. Louis (Poncedeleon

Colorado (Gray 10-7) at San Diego (Erlin 3-4), 9.40pm Arizona (Corbin 10-5) at LA Dodgers (Kershaw 6-5), 10.10pm

Tomorrow's games Toronto at Miami, 2,10pm Chicago Cubs at Philadelphia, 2.35pm Milwaukee at Washington, 2.35pm Cincinnati at St Louis, 4.15pm NY Mets at San Francisco, 5.05pm Arizona at LA Dodgers, 5.10pm Colorado at San Diego, 5.10pm

#### Pittsburgh at Atlanta, 6.05pm **CRICKET**

**FOURTH TEST MATCH** England v India
The Ageas Bowl (second day of five) England,
with ten wickets in hand, are 21 runs behind India

**England** First Innings Alastair Cook c Kohli b Pandya Keaton Jennings Ibw b Bumrah \*Joe Root Ibw b Sharma ........ Jonny Bairstow c Pant b Bumrah Ben Stokes Ibw b Mohammed Shami .... †Jos Buttler c Kohli b Mohammed Shami Moeen Ali c Bumrah b Ashwin Adil Rashid Ibw b Sharma Stuart Broad Ibw b Bumrah James Anderson not out .. Extras (b 23, lb 9, nb 2): 16-6-26-2, Hardik Pandya 8-0-51-1, Mohammed Shami 18-2-51-2, Ravichandran Ashwin 14.4-3-40-2.

Lokesh Rahul Ibw b Broad. Cheteshwar Pujara not out Virat Kohli c Cook b Curran Aiinkva Rahane Ibw b Stokes †Rishabh Pant Ibw b Ali.... Hardik Pandya c Root b Ali Ravichandran Ashwin b Ali Mohammed Shami b Ali Ishant Sharma c Cook b Ali Jasprit Bumrah c Cook b Broad Extras: (b 9, w 4, lb 1, nb 3): ....

India First Innings

Shikhar Dhawan c Buttler b Broad

7-195, 8-195, 9-227, 10-273 **Bowling:** James Anderson 18-2-50-0, Stuart Broad 18.5-5-63-3, Sam Curran 16-4-41-1, Keaton Jennings 2-0-4-0, Adil Rashid 7-0-19-0, Moeen Ali 16-1-63-5,

Ben Stokes 7-1-23-1 England Second Innings
Alastair Cook not out Keaton Jennings not out Total (overs 4) .. Joe Root, Jonny Bairstow, Ben Stokes, Jos Buttler, Moeen Ali, Sam Curran, Adil Rashid, Stuart Broad, James Anderson still to bat

Bowling: Ravichandran Ashwin 2-1-1-0, Jasprit Bumrah Umpires: Bruce Oxenford, Australia and Kumar Dharmasena, Sri Lanka.
• England lead five-match series 2-1

Television umpire: Joel Wilson, West Indies Match referee: Andy Pycroft, Zimbabwe.

#### **TENNIS**

US OPEN USTA Billie Jean King **National Tennis Centre** Men's Singles

Third Round Rafael Nadal (1), Spain, bt Karen Khachanov (27), Russia, 5-7, 7-5, 7-6, 7-6. Nikoloz Basilashvili, Georgia, bt Guido Pella, Argenti-

na, 6-3, 6-4, 1-6, 7-6 (4).

Dominic Thiem (9), Austria, bt Taylor Fritz, United States, 3-6, 6-3, 7-6, 6-4.

Kevin Anderson (5), South Africa, bt Denis Shapovalov (28), Canada, 4-6, 6-3, 6-4, 4-6, 6-4. Women's Singles
Third Round

Kaia Kanepi, Estonia, bt Rebecca Peterson, Sweden,

Sloane Stephens (3), United States, bt Victoria Azarenka, Belarus, 6-3, 6-4. Elise Mertens (15), Belgium, bt Barbora Strycova (23),

Czech Republic, 6-3, 7-6.
Anastasija Sevastova (19), Latvia, bt Ekaterina Makarova, Russia, 4-6, 6-1, 6-2 Elina Svitolina (7), Ukraine, bt Qiang Wang, China, 6-4,



File photograph

Hot shot: Keishae Robinson scored from a perfectly executed penalty corner as the Bermuda women's hockey team were defeated 2-1 by Lasell College Lasers, an NCAA Division III school from Newton, Massachusetts, on Wednesday night. Lasell took an early lead against Bermuda, who were playing for the first time since the Central American and Caribbean qualifiers in Kingston, Jamaica, last November. However, Bermuda equalised when Robinson hit the backboard with power and precision from a set piece that was inserted by Georgia Harris and stopped by Selina Whitter in textbook fashion near the end of the first half. Lasell struck again in the second half, before Kascia White had a "goal" disallowed for Bermuda

LEAGUE ONE Today's game Accrington Stanley v Scunthorpe United Barnsley v Gillingham Burton Albion AFC v Wimbledon Coventry City V Rochdale Fleetwood Town v Bradford City Peterborough United v Doncaster Rovers Portsmouth v Plymouth Argyle Shrewsbury Town v Bristol Rovers Southend United v Charlton Athletic

Bristol City v Blackburn Rovers

Sunderland v Oxford United

Wycombe Wanderers v Luton Town **LEAGUE TWO** Today's games

Bury v Morecambe Cheltenham Town v Colchester United Crewe Alexandra v Macclesfield Town Exeter City v Lincoln City Grimsby Town v Yeovil Town Mansfield Town v Carlisle United Northampton Town v Tranmere Rovers Notts County v Forest Green Rovers Oldham Athletic v Crawley Town Port Vale v Newport County Stevenage v Cambridge United Town v Milton Keynes Dons
SCOTTISH PREMIER LEAGUE

Today's games Aberdeen v Kilmarnock Dundee v Motherwell Hamilton Academical v St Johnstone Heart of Midlothian v St Mirren Livingston v Hibernian

Tomorrow's game Celtic v Rangers SPANISH LA LIGA Yesterday's results

Getafe 0 Real Valladolid 0 Villarreal 0 Girona 1 Today's games Levante v Valencia

Alavés v Espanyol

Barcelona v Huesca Real Betis v Sevilla

**GERMAN BUNDESLIGA** Yesterday's game Hannover 0 Borussia Dortmund 0 Today's games

Nuremberg v Mainz 05 Bayer Leverkusen v Wolfsburg Eintracht Frankfurt v Werder Bremen Augsburg v Borussia Mönchengladbach Hoffenheim v Freiburg VfB Stuttgart v Bayern Munich

Tomorrow's games RB Leipzig v Fortuna Düsseldor Schalke 04 v Hertha Berlin **ITALIAN SERIE A** Yesterday's result

AC Milan 2 Roma 1 Today's games Bologna v Inter Milan Parma v Juventus Fiorentina v Udinese

Chievo v Empoli Lazio v Frosinone Sampdoria v Napoli Torino v SPAL

PORTUGUESE PRIMEIRA LIGA Yesterday's results Chaves 0 Sporting Braga 1 Vitória Guimarães 1 Tondela 0 Today's games

Belenenses v Vitória Setúba Santa Clara v Boavista Sporting Lisbon v Feirense Tomorrow's games Rio Ave v Portimonense Nacional v Benfica

Porto v Moreirense MAJOR LEAGUE SOCCER EASTERN CONFERENCE **Today's games** Sporting Kansas City at Seattle, 5pm

New York at Montreal, 8.30pm

Portland at New England, 8.30pm Houston at FC Dallas, 9pm Los Angeles FC at Toronto FC, 9pm New York City FC at Columbus, 9pm LA Galaxy at Real Salt Lake, 11pm

San Jose at Vancouver, 11pm Tomorrow's game Atlanta United FC at DC United, 8.30pm

Philadelphia at Orlando City, 8.30pm

#### **BASEBALL** MAJOR LEAGUE BASEBALL

**East Division** Today's games Detroit (TBD) at NY Yankees (Tanaka 9-5), 5.05pm

Boston (Rodriguez 11-3) at Chicago White Sox (Rodon 6-3), 8.10pm LA Angels (Pena 1-4) at Houston (TBD), 8.10pm Tampa Bay (Snell 16-5) at Cleveland (Bieber 8-2), Toronto (Estrada 7-10) at Miami (Chen 5-9), 8.10pm Baltimore (Bundy 7-13) at Kansas City (Fillmyer 2-1)

Minnesota (Berrios 11-9) at Texas (Gallardo 7-3). Seattle (Paxton 10-5) at Oakland (Mengden 6-6)

Tomorrow's games

NATIONAL LEAGUE

Detroit at NY Yankees, 2.05pm Toronto at Miami, 2.10pm Boston at Chicago White Sox, 3.10pm Baltimore at Kansas City, 3.15pm Minnesota at Texas, 4.05pm Seattle at Oakland, 5.05pm Tampa Bay at Cleveland, 5.10pm LA Angels at Houston, 9.05pm

Today's games

NY Mets (Matz 5-11) at San Francisco (Holland 7-8), 5.05pm Chicago Cubs (Hendricks 10-10) at Philadelphia (Eflin Milwaukee (Anderson 9-7) at Washington (Strasburg