

THE BRODIE CLUB

DATE OF NEXT MEETING: TUESDAY 17 MARCH 1987.

SPEAKER: Ms. SUZANNE BARRETT, CONSERVATION COUNCIL OF ONTARIO.

TOPIC: ENVIRONMENTAL ISSUES IN THE AMAZON BASIN.

MINUTES OF THE 829th MEETING OF THE BRODIE CLUB

Held on Tuesday 17 February 1987, at the Faunal Lab, University of Toronto

Riley acted as Chairman, Carrick as Secretary

Ten members answered present to roll call and 4 guests noted - Ann Falls guest of Bruce, Margery Ritchie guest of Robert, Margaret Bodsworth guest of Fred and Terry McQuiston guest of Norm Martin.

Minutes of the 828th meeting were read and approved.

ANNOUNCEMENTS

Falls noted the death of corresponding member Genville (Ike) Temple on Feb. 4/87 with a brief summary of his association with the Dept. of Lands and Forests and the University of Toronto. Since his retirement he had been a director of the Owl Rehabilitation Foundation. One minute silence was observed.

Bodsworth displayed the original drawing by Terry Shortt illustrating the LAST OF THE CURLEWS along with several editions of the book.

Martin announced dates for the FON General Meeting and presented two booklets - BATTLE FOR WINDY BAY, and a copy of NETWORK NEWS - Containing the "Backus Woods Story".

THE SPEAKER OF THE EVENING Jack Imhoff of the Ontario Ministry of Natural Resources was introduced by Riley.

"Stream Rehabilitation: Theory and Application" - was an excellent presentation outlining the causes of stream degradation including elimination of cover, soil erosion, cattle access, vegetation overgrowth (tag alders) and flow impediments (deadfalls).

Methods of making improvements were outlined particularly bank stabilization techniques such as rock fill, rip-rap and plantings. While some improvements are labour intensive, small changes that direct water flow can cause the stream to produce the desired improvements.

The talk was illustrated with an excellent series of slides of stream habitats with a number of impressive before and after photographs showing results of improvements. Also shown were examples of water control structures that caused further erosion instead of correcting the problem - illustrating a point that streams in flood have the opposite effect in scouring to the normal flow.

Stream management is a relatively new science that needs to study the entire catchment basin and involves geology, hydrology, vegetation as well as the life histories and specific needs of stream life.

The state-of-the-art book on the stream ecology is H.B. Hines - THE ECOLOGY OF RUNNING WATER.

MINUTES OF THE 829th MEETING OF THE BRODIE CLUB - Cont'd

OBSERVATIONS

- BODSWORTH - reported a Black-Headed Gull at Port Credit and a Snowy Owl chased by a Marsh Harrier
- FALLS - reported a female Harlequin Duck
- MARTIN - reported Downy Woodpeckers copulating on Jan. 25th and heard drumming a few days later.
- SPEAKMAN - reported further Pileated observations. Bedding down times changed from 4:20 PM to 4:55 PM a week later. Male and female roost in adjacent holes.
- His Springer Spaniel caught a Cottontail in Cedarvale ravine and buried same in snowdrift.

MEETING ADJOURNED at 10:15 PM