Bulletin No. 1 Bowdoin Coll k, Maine. February 1, 193

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Directors

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THE FIRST ANNUAL REP[illegible] THE BOWDOIN BIOLOGICAL ST[illegible]

College
Brunswick, Maine
February 1, 1936

To the President and Trust[illegible]
of Bowdoin College and the
Acting Directors of the B[illegible]
Biological Station

Sirs:

I have the honor to submit the first annual report of the Bowdoin Biological S[illegible] of the activities c[illegible] to the Bay of Fundy [illegible] the 1935 Bowdoin College Expedi[illegible]

[illegible] nsfer of Ker[illegible] n drawn [illegible] r, and the p[illegible] perty [illegible] all[illegible] ge. Needless [illegible] o say, the Station wil[illegible] to the gen[illegible] ity of Mr. [illegible]

It is with the greatest pleasure that I announce the acquisition of a forty-two cabin boat, the gift of Director Alger V. Pike. One of our greatest needs has been a suitable boat to carry parties and equipment over the treacherous waterway from Lubec, Maine to Western [illegible]

blem

THE STAFF

[illegible] ince forma[illegible] ot yet been taken by the Board of the Coll ge, a number of interested persons are serving as "Acting-Directors" of the Station during the in-[illegible] is suggested that a suitable representative of the Canadian government should [illegible] of that government have extended every kindness [illegible]

The following group [illegible] the present Board of Direc[illegible]

1. Alfre O. Gross College, Bru
2. Donal B. MacMi wn, Rhode Is
3. Manto Copeland e. Brunswi in, Ma
4. J. St ling Ro Broadway, Yor ork,
5. Surnc W. Pike, ock, New York, N.Y.
6. Alber [illegible] Mass
7. Edwar N. Godin 826 Tremont Building ton.
8. Alger W. Pike, c. Ha
9. [illegible] Gross. So

The 1930 Expe
the entire sum This gr
numbered eleven men:

1. W.A.O.Gross, Field Dir Br wick, Maine
2. George Cary, Surveyin nb k, Connecticut
3. John Astal, In-Char Banding, Woodma
4. Robert D.Morse., Meteorology., [illegible]
5. George R. Cadman., Chief Radio Operator., Pleasant
[illegible] Mass

Ernest A. Joy, Warden,

Mr. Ernest Joy, a Bri ish [illegible] and a native of
Wood Island, has been [illegible] and is [illegible] as a part-time warden
on duty at the Island [illegible] Joy has
an excellent man in naturalist as Joy. He is a skilled
well as a good boat greatest con ilot and caretaker. The
[illegible] and reliability ed in his competence
The following agre between the State it has been drawn u
and Mr. Joy:

WHEREAS, the B Biological Station, a division of Bo
loin College, B , Maine has made a contract with
undersigned Ern st Albert Joy of Little Wood Island,
as warden o , N.B. Kent's Island, Bay of Fundy,

Now, THEREFORE, this

the island

Island

"3. The undersigned [illegible] responsible [illegible]
[illegible] equipment which m[illegible]

"4. The Station and the College [illegible] responsible [illegible]
acts committed by the undersign[illegible] during those au[illegible]
by the Board of Dire[illegible] or their ag[illegible]

"5. The Station and the College assumes no responsibility [illegible]
for any injuries or risks incident to the undersigned [illegible]
in his position as warden of the station. [illegible] or

"6. In return for [illegible] services, the Station provides the undersigned with shelter throughout the year and board and various equipment from June until September of each year. The Station will pay the undersigned a sum, which is to be [illegible] by the Board of Directors, [illegible] each year beginning with the fall of 193[illegible]

"Signed: ERNEST ALBERT JOY"

Mr. Joy is making records at the island of meteorological conditions and [illegible] changes. He sends frequent reports in the form of letters which are on file in Brunswick. His presence at the station and means that insurance and [illegible] throughout the year.

THE DEED

Indenture made this [illegible] day of January [illegible] and known as [illegible] of [illegible] shore [illegible] under the laws of the [illegible]

WITNESSETH, that the grantors in consideration of the sum of One dollar ($1.00) and other good and valuable considerations to them in hand paid by the grantee, the receipt whereof is hereby acknowledged, have granted, bargained, sold and conveyed and by these presents do grant, bargain, sell and convey unto the said grantee, their successors and assigns [illegible]

"All of that certain [illegible] situated in the Bay of Fundy, and being the [illegible] known as [illegible] lying [illegible] and containing one hundred and fifty acres, more or less, and being the [illegible] known as "[illegible] Island" which was granted [illegible]

tho Pr
rand M

ich

.er, one of c
Agnes Beal is
n the regi y
nswick, on
'ed in Book

d shall cont
c period fro
d every year
aid island f

erect a dormitory building. A fund of ... ty five hundred dollars would care for the expense of buying and transporting suitable house, the "ready built" ... While the ... age scientist has not the ability to ... building from unprepared timber, he ... easily ... sawed-to-fit materials.

The laboratory has ... improvements have been made. A darkroom was built in ... lar and equipment for ... developing and printing ... aphs was installed. Laboratory tables were built ... alls and book shelves erected. Four men found the ... be satisfactory sleeping quarters, and this room ... ed off in wall board.

The electric light plant has ... oving very successful. It provides sufficient power for both the radio transmitter and the electric lights ... not economical to ... erate it for one man, the ... without power for a receiver this winter ... such as is used in rural sections should be secured next year to meet this need. The importance of being able to communicate with the island by radio during the winter and of providing the warden with radio entertainment during his long eight-months vigil is very evident.

A large number of good cages are available for keeping birds in captivity. These are proving ... for experimental research work. An attempt should be made to sell all of the ... This wiring was used ... sheep which were formerly ... the island.

... Mr. ... to be entirely adequate ... as a source for water ...

camp

The station now has a ... The ... boat given by Director Pike is a forty-two foot launch with a ... cabin that has sleeping quarters for four men. The pilot house is fully enclosed and has ... navigation aid. The boat is equipped with two engines--an ideal arrangement because it practically eliminates the danger of an engine failure that would leave a single-motored craft helpless. A triangle sail is also available when needed. The gasoline tanks hold more than 100 gallons which is adequate for almost 300 miles of cruising. Additional equipment on hand includes a sixteen volt lighting system ... searchlight ... electric running lights

ner boats incl y wh ab ron
winter as well as the summer. The dory finds extensive use
landing field parties on the various sea islands. A flat bot
tom skiff is u tending the boats and for rowing or
out ng among the i

This is site wharf ed at
bay ch is s Whi nly at high water. The main anchorage
Islands three ances one between
Bowdoin Island the other between Bowdoin and Hay
It is a s ld haven for even fairly large vess
ld encour yachtsmen to make
for a s cruise us summer. A
or, we not attempt to
m the Station.

The boat the anchorage should be replaced
have a mooring that will be safe to
Present plans call for a 1000 pound granit
a suitable length of chain.

M Radcl ff and Alger Pike ffered the facilities
their extensi wharf to the use the expedition. The
n t has pot can easily be reached by
automobile rom ubec become the port of depar
r al par o th d. Of interest to ever
ng t the Statio the wild life sanctuar
the ope ated near Lubec by D

Mr. or o n Co epartment of Building
and Gro very kind the coll truck
transpo r supplies and equ our and from Lubec.
thanks go to Mr. Wilder o Glenn ni office, Mr.
R. McIn the treasurer's Wilder and Mr. Gerald W
of the ibrar mo rabl kindnesses to th

Physic
anced the exp his d ment's fine surveying
His assi an n thi ard enabled us to begi
f mappi th land.

The cooperation that man
to the Station in the w of disco r actual gifts of
equipment is acknowledged sincerely hoped that our fu
ture expeditions wi istance of these generous
busin ss houses.

Gallons of Gasoline--Gift of Standard Oil Co. of N
50 Gallons of Motor Oil ift of S
Radio Transmitter ($750 Loan of
Short Wave Receiver ($6 Gift of
s ($50 Transmitting Tube Gift of Raytheon Product
Five pairs Headph)--Gift of Trimm Company
Radio Mi --Loan of the Astatic Co

Johnson Outboard Motor ($1 ... nson Motor Company
Kilowatt ... Plant ($ ... nt from Motor Co.
own Dinghy-440% Old T
-10% Equipment($200)-

We also wish to acknowledge ... kindness of Mr. Hard...
ing sifer in presenting a very fine field glass of 18-pow
ersonal Station as a p... contribut

COMMISSARY DEPARTMENT

Cooking and kitchen ... em-
bers during the past summer. Few ... getables could ... ob
tained so that ... canned foods. ... ef-
ill be made ... g ... a
island this year for next sum ... consumption. It wa
that seal meat made an excell ... dition to the lar
and regular seal hunting excursion ... be arranged so the
simpl ... with ... d.

The cooking was done on gasoline stove ... he camp type. The
kitchen was set up in a corner of the barn. These circumstan
naturally did not permit of a good means for preparing f
An excellent mess table with built-in seats was made by Mr.
Morss--this piece ... of course ... be transfered to a new bui
ding. The average cost of food for each man at the island is
about fifty cents ... day. The use of fresh vegetables and se
in greater amount ... should effect a

Mr. James ... ; ... food party served as commissa
... officer and ... charge of ... the buying of foodstuffs. He a
bulk of ... did the ... the cooking ... Next year a student who ha
... had cooking ... or camp should take over t
[redacted] cooki ...
work ...
ong t ... the entire group.

Supplies ... ostly ... ada, but a number of
... gener ... tributions to the ex
and our heart ... thanks for their

Nineteen cases each of Baked Beans, Brown Bread and Codfish
Cakes--Gift of Burnham & Mor...
Five cases of Evaporated Mil...
Four cases of "Aunt Jemima F...
... Oats Company through Mr. ...
Four cases of Baked Beans--...
swick, Maine.
Seventy-two pounds of "Buff...
count from the F.M.Hoyt Com...

RESEARCH PROJECTS

A complete surv s bird will take sev-
eral years, but infill, its preparing
a report on the d Manan but complete
of the station. The e By Mr. F. man on Whit
1934 will serve as for this an nature stu
of bird population region. An ef rt will be m
to take a census ing on Gulls ent's Island
h as hi wenty thousar

ife History of the Herring Gull The e ic imp
f this bird makes it worthy of nter ve stu
ery thorough investigation g ir re pu
he next four years. ed on

H ry Studies of Nesting Bird
will be made of all of the is ne the on
island which have not been studied in detail by
gists. The present program is as follows: 1934 h's Pe-
trel; 1935 Black Guillemot, Black-backed Gull
Guillemot, Black-backed Gull, Razor-billed Auk Sava nnah
Sparrow; 1937 Atlantic Puffin, American Eider 1938 Not
planned. The publication of these studies will usual ly oc
cur abo any special
informa tion regarding any of the
is solicited--due credit or ar
ved.

Olfactory Experiments Experiments ned with the sen
of smell in birds are being carr with Leach's
and the

birds will be made of as mar

Invertebrates: Mr. Charles Po erat of Clark Un rsity
a list of the d. He
plans to supplement his 1935 study with anoth visit
during the coming season.

Botan
pared preliminary list of the plant life at Kent's Island
This may be found elsewhere in the Annual Report.

Surveying: A base line was laid out by Messrs.

made to h rial photo rap taken
The 1936 nel is in sor

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oper recopr · instruments. How
and rainfal · rds and being mad · appl
at · rnment weather st · land
il · made · or Bureau t
nd · Stat · supply the serv
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BLICATIONS

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ost ss Herald, B · nd Even
ews, Portalnd Evening Express, Bang · Da · B
unday Times, Portland Sunday Telegr.S · B · Ro
Maine Weekly Magazine, Lewiston Jo · Bowdoin O
the following periodicals: Bowdoin · us, Bird B
Natural History, Bird Lore, Nature · torial Th
Auk

ry · om the
Her · , · Herald, and t
ubli · s c · th · tific societi
ice · oth · accountable for
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Auk, Vol. · al Histo
Magazine · word ill · ated bird article ab
the 1935 · Expedition · s Island · he next
New York · Times Mid- · orial dev · a edpage
Island pho · aphs. Mr. Vil · Fr · urnal
mer's pa · was published · with
ations in · all issu
Associati · Whisperi · Pir

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two t · llimeter motion
film has · een sh · f different occ
cluding t · ng o · Ornit · ogis
Union. Th · supp
ummc

By Dr. David Potter

POLYPODIACEAE
Thelypteris
OSMUNDACEAE
EQUISETACEAE
Equisetum
sifolium
palustris
Agrostis canadensis
Agrostis alba
Deschampsia flexuosa
Festuca
Puccinellia
Eleocharis
Eleocharis palustris
Eleocharis ovata
Scirpus angustifolium
Scirpus atrovirens
Carex leptolepis
Carex scoparia
Carex
Carex setacea
Carex Oederi var. pumila
Carex scirpoidea
Carex canescens var. disjuncta
Carex
Carex
ARACEAE
Acorus Calamus
JUNCACEAE
Juncus articulatus
Juncus effusus
Juncus filiformis
Juncus
Juncus
CEAE
Smilacina trifolia
IRIDACEAE
Iris versicolor
Habenaria obtusata
BETULACEAE
Alnus crispa
URTICACEAE
Urtica gracilis

GONACEAE
Polygo
Rumex acetosel
Rumex crispu
CHENOPODIACEA
Suda ma
CARYOPHYLLACEAE
Stellaria hem
Cerastium arvatum
Stellaria media
Sagina pr umbena
Spergular
RANUNCULACEAE
Ranunculus acris
Ranunculus Cymbalaria
CRUCIFERAE
Cakile edentula
Capsella Bursa-pastoris
DROSERACEAE
Drosera rotundifolia
ROSACEAE
r. canadensi
rina
potentilla
Potentilla
icosa
BALSAMINACEAE
Impatien
HYPERICACEAE
Hypericu
ONAGRACEAE
Epilobi
lpi
Epilobium
UMBELLIFERAE
Ligust
Cornus canadensis
ERICACEAE
Ledum groenlandicum
Kalmia angustifoli
Moneses uniflora
Chamaedaphne calyc
Vaccinium oxycoccu
PRIMULACEAE
Trientalis europa
BORAGINACEAE
Mertensia maritima
SCROPHULARICEAE
Euphrasia americana
Rhinanthus Christi

PLANTAGINACEAE
Plantago Rugeli
Plantago junco glauca
Plantago junco decipie
RUBIACEAE
Galium trifid
COMPOSITAE
Seriocarpus asteroide
Solidago sempervire
Achillea b
Matricaria

DIN[illegible] BIRD BAN[illegible]
(by John A. C[illegible]

During the summer of 1935 7,101 birds were ba[illegible]
[illegible] Island, but the Razor-billed Auk[illegible] tured at the Yellow Murr Ledge, the Arctic Ter[illegible] Spectacle Island, and many of the Petrels at Eastern Egg Rock and Green Isl Because of the large number of Gulls banded[illegible] our recoveries have been almost confined to this bird. T[illegible] returns are spread over an area which extends as far wes[illegible] Dakota, as far sou[illegible] as far west as Texas, as far south[illegible] shern coast of Flori[illegible] boundary, and as far north as Murf[illegible] interesting record [illegible] d in mid-[illegible] bird that was kille[illegible] by an aeroplane the[illegible] ncis M. [illegible] record was sent in by Pros-[illegible] of the U. S. Naval A[illegible] Florida. [illegible] Station at Pensacola, the[illegible] duaneus[illegible] the Herrin[illegible] Gulls is proving to be an interesting[illegible] study, a[illegible] o[illegible] is well w[illegible] rthwhile to continue t[illegible] The recovery[illegible] the Razor-b[illegible] o band them. [illegible] led Auk provides furt[illegible] tha[illegible] this spe[illegible] her evidence[illegible] annual migration. [illegible] coveries[illegible] record of all [illegible] ne[illegible] [illegible] udes together [illegible] th[illegible]

Herring Gull	6804
[illegible]neabi's Petrel	[illegible]
[illegible]7Black Guillemot	[illegible]
[illegible] Barn Swallow	[illegible]
Tree Swallow	[illegible]
[illegible] Razor-billed Au[illegible]	[illegible]
[illegible] and Spotted S[illegible]	[illegible]
	7102
Total Recov	69
Total Speci	14

Herring Gull	[illegible]
[illegible]tre Beach's Pe[illegible]	[illegible]
[illegible]lem Black Guil[illegible]	50
[illegible] Barn Swallow	[illegible]
Tree Swallow	-50
[illegible] Razor-billed [illegible]	-25
[illegible] Spotted Sandpi[illegible]	-10
[illegible] Cliff Swallow	115
[illegible] Arctic Tern	[illegible]
[illegible] Eider Duck	[illegible]
[illegible] Least Sandpipe	[illegible]
[illegible] Black-backed [illegible]	-25
[illegible] Puffin	[illegible]
Total	[illegible]
Total Species	14

B. #B.B.Gull was a captive bird [illegible]

RECOVERIES OF [illegible] AND

Band Number					
35-548130	8-1	8-3		B.	
35-548145	8-1	13-			
35-548377	8-1	[illegible]			
35-548438	8-1				
48968					
49212	2-35				
[illegible]	2-35				
[illegible]000	[illegible]-35				
[illegible]023	-35		[illegible]		
[illegible]260	-35		Bay Chal		
[illegible]59	-35		Canso, N		
	-35		Freeport	Foun	
35-551118	-35		Manudie	Kill	
35-551[illegible]	-36		Friendsh	Caug	

[illegible]
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35 Ba

The background c
or bluish tinge.
end and smaller
shell. The large
markings were un

mo

eggs f a few nes egu
eggs are found t weight regular
eode ecrea raged .7 grams d

fic termine wh
inst es an egg go
ay s. The longes ri
ar ne of 27 days e. 23
day .Ben th
.Nat at oe
ns would lead us hat ti

Hatc es p ar
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Egg 10 Ho mm in di or. Si
le is am 20 tn At 1:00 k or
mm. 4 the Dur
rticul pa ar ged
hours, activ hing
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chic so Aegg tooth. the
ng was ext
hole and w sed
the sh hick fr
the sh its ove
it was

which en
under ng
rds di ir
ggs--a
and this time they w essfu gh
alone. Ke

cky prom

ied. Bot

hog
ck

that is almost ... the bill wide open displayin[g] ... mouth.

This noise is made ... ral red lining of ...

... In the progress ... growth of the major body and ... other parts is present.

Age(days)		4	8	12	16	20	25	29	36	40	Adult
Wt. gr.		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
mm Length		167.	184.	200.	220.	240.	275.	280.	300.	319.	[illegible]
Exp.		565.	154.	225.	270.	324.	370.	430.	460.	530.	530.
Wing	25	[illegible]	30.	55.	56.	[illegible]	64.	95.	100.	130.	140.
Body	45	225.	230.	245.	65.	85.	113.	129.	150.	180.	195.
Bill	12	[illegible]	[illegible]	[illegible]	13.	14.	16.	19.	21.	23.	24.
Gape	22	45.	46.	46.	26.	31.	31.5	35.	38.	42.	43.
Nost	9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Eye	23										
Ht. Bill	6			7.2	8.	8.	8.	8.			
TrToeNail	49	3.	60.	64.5	66.	68.	70.				
2nd Toe	16	18	19.	21.5	22.		23.				
" Nail	5	5	6.	5.	7.	7.	7.				
3rd Toe	22	28	31.	34.	34.	34.	35.	35.5			
" Nail	5	5	6.		7.5	8.	8.				
4th Toe	20	21	26.5		33.5	34.	34.				
" Nail		4.	5.			6.					
6th Prim			3.5	12.5	16.	38.	51.5				
" Sheathed				5.	6.	22.	35.				

[redacted]

15 36. 49.
7. 22.
24 28. 44. 47.
14 24. 35.
5.) 22.
9.(9.
8.(9.(7.
6.5
20. 32. 45. 50
16. 26.
2.
20.5 33 30. 33.
20. 26. 25. 26.

Since the nesting … he
during the first w …
der observation ha …

The color of the eggs … om that of
Herring Gull in the … darker
shade of Brown. The egg … the Herin
Gull. Measurement were … s of eggs:
Nest No. 1: (1) … x55. … gr
… 55 mm … g
… 5mm, 121. …
… mm, 105. … rea
… ariation … of egg
… to the … were w
ag … f incubation …

The nests are composed mostly of dead grasses and an occas
twig. Dead Yarrow sta …
weed, a common nest-b… ding material among th
was foun … n these nes … . The width of the thr
from 46 … o 55 mm. The … ith of the bowls range
25 mm.

The eggs of the Black… cked Gull require abou
Hatch. T o eggs were … nd in a … … …
… in the sh … about 10 mm long …
h. The … opening 20. mm lo
to hatch. The egg … ars a hole in the egg and t
head is thrust … hick uses his feet to push i
from the shell. T… eye … are open from the first. The
peeps from time to … ime … throughout the process of ha
After hatching, … ontinually wh
parents are absen…

Both the male and the … ema … she … cuba
of the eggs. The … sit … eggs for lengths of
from ten minute … an … lf hours. A pup tent
used for observ… rk … ed unsatisfactor…
… ing of the f… … disturbed the b
great deal.

The Black-b… d Gul … the king of the Gull clan. The
the best nest… g sit … nd make the other Gulls stay we
loof from the … gion … ediately around their nests. If
other bird… d a… … ch within five yards of their nest
would imme… … … or a spirited c
… ive attac… … aw a Black-backed Gull walk
determine… … Herring Gull's nest and
grasses and other … mate … th
owner's protests.

During th… … sing of the chicks
leas …

od, both [illegible]
ne one of g
parately to
rd is always

[illegible] circle anxiou
f than the Herring Gul
this time and continua
their way, but they
manner of the other Gu

he head of the Ba
42 feet), but it ofte
the level of the ocea
16 to 19 feet enough
ing. The tidal curre
and four knots causing
s opp
part

A table of observations for a ty
(Week beginning July 14, 1935)

week of July follows:

Date	Wet Bulb		Dry Bulb		Temp.		Wind	Weather
	C.		C.		F.			
	Noon	Night	Noon	Night	Max.	Min.		
14,	18.5	12.0	19.6	13.3	67.5	56.0		Clear,
17,	17.5	13.0						

The relation between wind and weather conditions
clearly. The very small range of temperature with
a compara

The writer believes that this work should be carried
future years especially in that it may be possible
dinate it with biological researches. Records should be kep
of the temperature, wind direction, wind speed, rainfall,
barometric pressure, ocean temperature, relative humidity,
and dew point. A diary of any unusual meteorological phenom
should be kept. Such data should prove very useful in co
operation with the Bureau of Fisheries of the Stat
ion.

RADIO COMMUNICATION

(by George H. Ca
men

IN made neaVEL
It effected transmi ... smat
and in thirteen foreign countr es: Spain, Hung ...
Cuba, England, ...xico, Scotlan , Holland, Swit...
Jamaica, Germa ny, Newfoundland In ... dis ... he
signals of VEL were reported to be ... very s... R8 ... 9.
Equally good r... ed f... from the
transmissions.

VELIN originat... adiograms two
of operation. It maintained schedules wi
on a frequency of 3860 kilocycles: W3SN ... ne
WMd.; and W1JL at ... Ma

radio. The ...oadcasts were picked
broadcast bands and th... wa... ...quency
Reception at the islan ...cellent, an
...en disturbs

...ransmit ... Collins 30FXB,
...ed. It ...put of 200 watt
and 25 ...CW transmissi
...ctly and our tr...

Additi... quipment
proved ... ideal f... rposes ... is of
ideal ... pedition static
the la... ype were voice
code w... t from a ... ic send ... , the
Trimm... , the Feath
type.

The [redacted] ...power but transmitting crystal
VEL N was heard on a... ...of the following frequencies: 1783,
35... , 3860, 3996.5, 392 ki... 14,060, 14,280, 14 ...locycles.
station used a ... type ...oot voltage-fed zep ...f antenna
...height of a... t Kato 5 feet. The kilowatt gasoline
driven generator pr... i... sufficient powe... r the tran
mitter and receiver power plant was
...specially-built ... 25 feet ...

American ... e, West Hartf... onn. ...
amateur ... dio sta ... positio... send m ssages
the St... n. Thi... free and is carrie... on be
of the ... erest ... ers in ... transmissio
The Sta... n repor... ng the ... summ
A.S.T... mswi ... Ma
...usua ...ard ... igla

as last summer,

d To coordinate fiel
on researches from
transceivers
radio-telephone d
cost only thirty

July 11th: r. and Mrs. Oli
and a nigh on the island.
and camped near the wharf.
for a surv he is making

July 20th: Mr. R.W. Toles,
the Maritime Provinces,

July 23d: nd Mrs. Alfred C. Re
and Mr. Ch Pomeroy of Clark sity
in the Sta s launch. Dr. Pom d Mr erat
their hea ents at the labora om wh
carried o lent lines of the pro d the
respectiv stayed on
the residence Mr s.

July 25th: Mr lbe ch companions
his son at in his or-yacht,
oll g da he st
the and

rs. Car
Pike visit the i Fortunately most of the st
on a trip Machia the visitors were
to inspect e labor life of the i
Their pres and other r
were highly appreci
Pike's cruiser, the

August 14th: Mr.
ince Cheney, the Va
the Canadian Mou of
on. St

Mr. Henry
Shaw foot motor bo
at the however, pre
vented

isle

The summer [illegible] Grand Mar
Canada. Messages may [illegible] there is
service to [illegible] Grand Manan Isle [illegible] ccmmodati
available [illegible] Grand Mar
radio the [illegible] by co-operation with Mr. [illegible]ker, the
telegraph [illegible] or at North Head. The [illegible] will be se
f to Lubec [illegible] or representatives of the College for part
o willing [illegible] by the [illegible] defra[illegible]pense, [illegible]teen d

[illegible]IAL STAMP

The "Kent's Island Fund" has been es[illegible]
[illegible] are contributed through
Colle office at Bowdoin[illegible]ge. Any contributi
ct are work of the proje[illegible]payable to the [illegible]re
ds for college. The fu[illegible]h to 1935 expe[illegible]nditio
Bowdoi the gifts of two [illegible]lumni, the Colle[illegible] the
[illegible]

eipts 1935

Sumner T. Pike
[illegible] Hill [illegible]
[illegible] Collection [illegible]
Staff Fees from [illegible]

350.00
[illegible]720.00
[illegible]124.00

The contr[illegible] or [illegible]
Pierce we[illegible] most [illegible]ind[illegible]
the Shoal[illegible] wil[illegible] nsp[illegible]
finance[illegible] [illegible]ce.

[illegible]ne e[illegible] [illegible]c n [illegible]
[illegible]ffec[illegible] [illegible]xt [illegible]
[illegible]he a[illegible] [illegible]ar[illegible]
[illegible]ould [illegible]ssible, [illegible]ho[illegible]
[illegible]tandards in the per[illegible]
[illegible]r nine hun[illegible]red dollars
[illegible]

Sumner T. Pike and Mr. Henry Will[illegible]
[illegible] work of it [illegible] to be hoped that the [illegible]
[illegible] other friends to tender the
[illegible] few years will be considered
[illegible] purchase of new units [illegible]

1936

[illegible] Food [illegible]
[illegible]
New [illegible]
Transp[illegible]
Boat M[illegible]
Insura[illegible]
Buildg Maintenanc[illegible]
Radio [illegible]Expenses
Incidentals
[illegible]

300.00
500.00
200.00
75.00
150.00
100.00
50.00
25.00
100.00
1500.00

has recently gained gr... ...ord
many an undergraduate ...oring par...
the official account ...e Oxford ...
is a statement which sounds the theme of Kent's Island:
"Such expeditions give most valuable training to their m...
and al... though their final purpose is scientific, the undeyin...
for them is that their undergraduate members want g...
for the experience that they offer" ... The Bowdoin-MacMillan
...ection ... and the Kent's Island Expedition of
1935 are examples of the successful explorations
that carried out by... parties made up chiefly of college
students.

...ts likther establishmen...
Kent's Island cannot be ...
... has ... come a leader
has the research, and most important, it ... support of ... ma...
like Commander MacMillan.

Respectfully sub...

WILLIAM A. O. GROSS,

Filed Director.