are common to one or both of the other tribes. This is
caused by persons leaving their own tribe to live with ancaused by persons lcaving their own tribe to live with an-
olher one. but instead of uniting with some gens of the alepted tribe, they have preserved the name of their ancestral gens root themselves and their descendants. It is not
probible that the mames of the qeutes are very ancicul. The probible that the names of the gentes are very ancicul., The
Blood gentes "Many horses" and "Many children", arc neither of them thirly years old. The Piegan gens "Stiff-
tops" is also a comparatively new name. Eaeh gens is rovtops" is also a comparatively new name, Eaely gens is gov-
erned 1 hy a chicf chosen by the eeremony of the "Medicine
Loulge" which will be deseribed in anotlicr phe " Howeve Loulge" which will be despribed in another phace. However,
It can hardly be said that cliefs govern the geutes. Matters It ean hardly be said that chiefs govern the gentes, Matters
of iopporttince crlating to a gens only, are discussed ly the
leading men, and a decision rendered lyy the opinion of the leadiag men, and a decision rendered ly the opinion of the
majority. Matters of less consequence, such as the dispulcs
abont the ownership of a horse, a family quarrel, or a theft majority. Maters of less consequence, such as the dispulcs
abont the owership of h horse, a fanily quarel, or a theft.
are carried straight to the chief for his deceision. Subjects are cartied straight to the chie for his deeision. Subjects
of importunce to the tribe are "iscussed in the centrally lo
eated lodge of some chief or "medicine man"" and as in the seated lodge of some chief or "medicine man," and as in the
sentile council, a dec⿻ision is rendered by the majorty.
trilal conncil is atteuded by all the clicfs, medicine me trilal comncil is attecisided by all the clicfs, majedieine men
and married warriors of the tribe. A eonncil is eatied and married warriors of the tribe. A eouncil is eatied
"they-all-ankk," a triball and a gentile council house "in-the-
midute-talk-to cueh-other-house" mindthe-talk-to. caeh-other-house.
The Blackfeet have very
The Blackfeet have very few laws for the social and mili-
tary goverument of the people. The law regarding murder is, that the murrlerer must be killed loy recuraiding of the matler refatives of the murdcred; if the murderer escapes, some one
of his male relatives may be killed iu his phee. If a married
man, who has no man, who has no neer relatives, dies, the widows may de-
madd some warrior of his gens to uvenge lim. Thus, in the maud some warrior of his gens to avenge him. Thus, in the
story or "Red Old Man," Which is as tollows: "And some
widows, whose husland had been killed by the Crows. wilowss, whose husband had been killed by the Crows
painted their Taces black and cante to the lodge of Red Old
Man, saving, 'Our huslvind is dead, we have no one to Man, sayiog, 'Our huslvand is dead, we have no one to
nvenge him, 'and the women cried. Now Red Old Mran's heart was good. He conld not bear to hear the womeu crying, and
he took his weupons and rushed out, saying, Ory not. I
will will aveuge his death."'t A womat guility of adultery was
panished for the first oftense by cuttiug of the end of her nose: for the second offense she was killed. For lesser
erimes there is no puoishmeut save the contempt and jecrs ol the camp, which are dreaded ss much as the penalty of deatb. A eoward, onc who will not go on war expeditions, is made
to wear ule dress of a woman, and is not allowed to braid his
hair. His relatives catt him off and he leads $r$ miscrable hair. Hes relatives cust lim, off, and he leade a miscrable
life, berging frou lodge to lodge and sleeping with the dog.
As the mermbers of a wens are all relatives, however reAs the members of a yens are all relatives, however re-
mote, men are prolisited from marrying within it, heey
must seek wive from soll must srek wives from sone other gens. Pol) gamy is prac-
ticed. All the younger sisters of a man's wife are his potenLiced. All the younger sisters of a man's wife are his poten-
tial wives. If he does not ehoose to marry the he, he must
be consulted recrurding their diposal to he consulted resurding their disposal to other men. There is
no marrige ceremony. A man having fouvd a woman he no marrigge ceremony. A man having fouud a woman he
thiuks will nit lim, sends oune of his friends to her prents
lodge, when, in a ronudabont way, he is praised for lis valor, good heart, etc.
After an interval of a few days the fricud is again sent to After an interval of a few days the iricud is again sent to
make a formal demamil lor the woman. The parentso the
woman then call a famuly council to discuss the advisability Woman then call a famnly council to discoss the and isability
ol letting the young man nave her. Often a price is sel-a number of horses, valuable finery. etc. If wilhnin his ruxteans, the young man pays $i t$, whereupon the bride is escorted by
some female friend to his lodge, where she immediatly thters upon her dulies as if she had always been accustomed to
then. them.
If a mau die his widows may become the wives of his
eldest brother. However, if he hecs not clopose to marry
them, they arc. at them, they arc at liberty to marry any one else. If a man
wish to dlvorce lifs wifc, he accomplisles it by takng back the priee he paid for her: The wonau is then at hiberty to
mary again. The first womam a man marries is colled lis "siti-beside-hint wife;" she is iuvested waith authority over
all the other wives, and decs litle hut direct the work of the all the other wives, and does litle hut direct the work of the
other wives and attend to her husbaud's wants. Her place in the lodge is on the right side of her hushaud's sacer place
enjoys the great privilege of being allowed-lo a certaiu exenjoys the greut privilege of being allowed - to a certaiu ex-
tent- to participate in the conversation of the meu, and
oftru, at informal gatherings, take a whiff ont of the pipe as ofteu, at informal gatherings, take a Fcmale echildren are generally named by their mothers or some remale relative. Malc children by their fathers or
some male relative or friend. Fentale can always be distingome mat rom matc names by the terminations, thus: Antc-
lope-woman, Sitiug-up-iu-the-air-womat. Lithe elk-leethwomau, etc. As soon as a young man has taken part in
wome brave deed he is allowed to choose a new nume for
sol some brave deed hic is allowed to cloose a new nume for
himserf hy which he may be known for the rest of his life.
However, names ate However, names are considered a man's personal properly,
as are his bows aud arrows or his sliclu, nad arc often as are his bows aud arrows or his sloicli, nud arr often
houghthe aud sold, large pricess sometimes heing paid for them.
Favorite men's uanmes are White shield Bur Chief WonFavorite men's uaimes are White shield, Bear Chicf, Wun-
derful Sun, Rumning Wolf, Yellow Wolf, Wolf-coming-updernt Sun, Rumning Woif, Yellow, Wolt, Wolf-coming-up-
the-hill, Young Bull, Water Bull, etc. A very singular cmder auy circumstauces, meet or speak to his mother-in-law, and if this rule be broken, the mother-in-law may exact a heavy paymeut from the offender. The writer has been
unuble to learn any special reason for this, Some say that the sun made the law, others that is improper for $n$ man to the snn minde the law, others that is improper for' a mun to
meet his mother iu-law for fear she might hear him say some-
thing impolite.
[to be continued.]

## A BIRD OF NO FEATHER.

## A

 FREQUENT contributor to the Fonest and Stheam relates a good story sbout his chdeuvors to be agreeable yisited that portion of America wis there known as the Commodore.
is there known as the Commodore. The nobleman in question, who, hy the is very learned The noblemau in question, who, hy the by, is very learned and fishiug in the neighborbood of an ancient city. Our
friend laving described in such glowing terms tho beautiful lakes and the fine speckled tront inhabiting them, the noblemate expressed a desire to pay them a visit. Our friend vol-
unteered his
mervices, boat rolds, tlics and general outfit, aud mede arrangemecuts to reccive himw with his son, the Marquise, and two dauglters, Ladies M. aud E.
On thic appointed day, a beantiful June afternoon, lice party drove out to a renowned late about twelve miles froing boat whipping the lake, which was as calm and smooth as a
mirror, but not a trout would rise to corroborate our friend's mirror, but not aceription of their beauly. Mortifieation and disappoiut. ment were depicted ou his broad counteuanee at their want
of success, and the hos then took the rorward part of the
hoat and put into play all the art ycars of practice had perhoat and put int play all the art ycars of practice had per-
fected lim in, but uot a rise eould he get. Turning arond then disew his guests were amusing themselves, he found eomparing it with others of the same family they had known in Europe, the nobleman mentioning the scicntific name asked other members of the same faunily were to he found
iu America. This quastiou was too much for our triend who. keenly fecling his want of knowledge or lourny, had co dcelare his ignorance of the sulpject. A dead silence fol-
lowed for some time till the nobleman. casting his eye npon lowed for some time the the nobleman, casting his eye upon
hie adjacent rocks, then asked if he could tefl him of what
 that he was entirely the wrone man to our friend, who fell tific straugers, hut heing beut on estublisling a clain to knowledge of some sorl, turning to the Duke he told him that in America few men devoted much time to scientufie studies
"Because," answered our friend
ountry one requires all his learning and cancrgies par; in this haking. aud the scientific man has a poor chanee in the race for wealth. Jet," Le added, "Your Grace mnst not form an
sstimate of our people's knowledge of mauy refiued stndies by my ignorance of botany and geology we all try to 15 are musical for some of the arts and sciences. Sonic of can be made usefiul as well as asrecable. As faras I ain persoanally coneerned, being tond of shooting and fishing. 1 have knowledge of oruithology, or pisciculture, 1 shall be happy to place at your Grace's disposal.
with your American birds, and can tell the mame of mainy of them by their song. For instance, the bird we now hear is the robin -and so it was- which for the moment fully es hible ished the Dulse's knowledge of that bird at leasi. ion. He said to auther songster nttracted his Grace's atten ion. He said to our friend

On, yes;", he hanswered, "very?" well, indeed. They are very plentiful here al,out, and in fact everywherc."
"I also know him," said his Grace. "That is the-the-
. how odd, 1 can't prononnce it. What do you call that bird? Now, thought our jolly frieut, his cyes twinkling with satisfuction, the Dnke is beautfully cornered by himself, your Grace, is called an Irislo nightingale, but it is really a bird of another feather. or rather no feather at all, it is a
fios." Here our friend looked at his distiumblud see the ffect of his wit. He met an stolid stare of the most that the bird was well keown by him, but its name for the moment forgottel
Onr friend was too modest to dispulc with a live Duke, hand, and ordered the mau to puddle on. The party soou
came to a dead (ree lying partly suhanerged; a smail from was seen sitting on the end of it, which gave one chirp and
made one dive in the lake. His Grace looked a little red in The fatee and said, "It does appear to be a frog after all." Wriend smilingly remarked lhat be was happy that his Grace would not leave America withe por mapression he migh his own display of ignorramece of totary und geology; tind he
now relates this story in evidence of his suce tryiug oceusinn, to show that he knew something of natural history, that misistakes could occur even in the best families hastory that inistakes could
and with most learned people.

## datural ?

LIFE AT THE BOTTOM OF THE SEA.
IN connection with its inquiries into the food fisheries and bishes of the enast of America, the United States Fisi tions. While trawls are beiag sct, for the purpose of infor finding uew fisling grounds, with lut little additional expense to the Commission, extensive dredging operatious animals never secu before by the human cre. Not only are these aminals of importanee for the purpose of showing the
character of the food of bottuu fisbes, but they are also of $i m-1$ character of the food of bottum fisbes, but they are also of im-
mense scientific value, sinee many of thom present curions types of structure uot found in animalsinhabiting the shallow
 of animals, a few y cars ayo thougbt to be represented only by fossil types, llave recentily bece found inhabiting the decif pose that snch groups as the Trilobites may sometimes be tributed and occan ootom. The crinoids, so widey disrocks, but, a sbort time ugo. placed upon tho exlinet list, have heen fonud very alsundantly and in considerable variety in certain regions. Whereas, afew years ago it was asscrted
that there was not a single living true Criuoid, we have today no less than fifteen speeies emhracing several genera, from the Nornal andic alone. North Atlantic, who can tell what curious forms may not be found?
Abont twenty-five years ago it was leelieved that uo life now, from off the coast of Netr Enghnad nloue, we have over a thousand speries, and every year at least fifty new stupposed that no life existed in the ocean depths, when we take into aceonnt the great pressure, the cold and the almost absolute darkzess, which exists there. The average tem-
perature is $35^{\circ}$ Fallir. Of course the great pretsure is overcome by allowing pases, haviug the same pressure as the surroundiug water, to permeate the body tissues, thus produc
ing an equal pressure in every direction. By plotorrathic experimcuts it has heeu proved that there is practieally no experimeuts it has beeu proved that there is practiealy no
light upon the botom, he sensitive prepared paper coming up without any impression. Nut withstanding this fact, are totally blind. It is the supposition, therefore, that whe
animals with eyes must repend upon phosphorescence for
light, and, farihermorc, that phosphoresence must bc very common and very brilliant. Certain corals, sind a few other animals, retain their phosphoressence even after being dant in these great depths, not vestive of veretho life bas crer been found in any deep sean drederins for this is of course thut sutliuht is essentiol for the mowishment and growth of plants, whieh is not at ull the ense with animals.
The Bathybirys of Thusley, which was supposed to be the owest fondu of life, in fuct the primary starting point of all lite, hardly au animan, jot not a vegetable, merely eapable Jut a precipitate of organic and inorginie matter, covering the bottom of the ocean throughoul the world. Foraminiferr,
the lowest forms of life found upon the ocean bottom, allied to the dyueba, so common in fresh water ponds and on damp leaves and picees of bark, zud, at the same time, to the animuls composing the chalk deposit of Euyland, form a ayer upon the hottom. that depth of Which has never beeu Globerrecrina ooze, is composed of many species of animats, belonging to the lowest order of the animal kingdom (the Protizad), sonle of which may live upou the surface of the
vater and drop to the botom after death, but the most probably, living and dymg upon the hottoua. These animats omposed of only hme, mieroscoppic ia size. but when luoked at through the some arc as smooth and sloss as the hest rlazed elina we showing leatiful concentric rings of different hues, while others are rough and lobed iu a manner which defies Icseription. still olficts bave the most beantiful shade of pink, uud some present in color a most delicute
aroeolate hrown. We: ind thenn tubnlar, coiled crocsing shaned, spherical, owal, and in masses which book ns
thourh the animal starled with a splerical furm, and, wishing though the animal started with a splerical form, and, wishing mherieal protulerance: andi eontinued to do this whenenever
nore roun was needed, ututil a nass of " obeses upon lopes is more rooul was needcd, nuil a nass of lobes upon lotus is
the rcanlt. Perhaps the mosi curious form is one which bats the gencral shupe of In Nautilus, nuad nyon making a horizonAlthough these animals are nenally not larger than the lieud of a pin, Ihat symmetry exists which is always found in tic living and the natural. hut seldom in the necidental. Thateincritable aud unchangeable liww of symmetry exists life. In no case do wo find onc of them having the irregular
 pre-rstablishosd law causes these regular forms; in fact. causes them to proluce like regular forms, differing in un In these Foraminititra o
is ohtnined hy mealis of holes in the shell the outer world is ofudomads arc projected. By meaus of these little feet-like projections motion is obtained and fool procured. But little kniown of the lifehistory and hatits of these an buing
coming. as they do. from sucln depths, aud not but adaptad to life upon the surface. 'The ehalk cliffs of Eugperiod, but probably inhaliting shallower waters than the iving forms do at present. In many places this muss of hells is mixed with tnipk blue mun. By placiug the mud In a tub of water aud stimping the contouts, the allowing
the heavier portion to sink and pouring the lop water offi, amp repeating this a few timess un almost porfertly pure de-
 almndance, often with extreme variety of forms, somutimes lacking both variety and ibundance, but never cutirely harroups of the duhaikin dome except the higher verte)rates and insects proper. Alltoush the slouy, maga-polyped coral is not at all represented upon the botom, still we find many
forus of the Chuyguniu or solt corals, as well us the single
 coral, bolh firbt tonnd ou this side of the Allautic aud pro. ented to the Fish Commission markable for their mreat size noll beausifut color, the former being a very delicite pink, the later, a pink bor drriug upon the red. Specimens of the trge coral tour teet in length, betur evidetce of being mere brauelues,
while we have taken hases which, had they heen pro dnced us in a autnral eondition, would have andoubtedly been ten or fifteen rect higb, and nearly that mimerer of
feet iu width. The animuls forming this coluny produce
 withdraw futo the mass ol the steu, but ure fixed perma neutly io one place. In the case of the bush coral a liner polgis live in little nubels, attacbed by their base to the
 lied brauch of a tree. In buth cases the whole eolony 1 d attucled to a roek. Upon the stenn "large Darazclps nitten
wo inches in ctiameter, resconhling rock harueles, exectat ng size, frequently make their home.
Iu a few pluecs rocks are fued
These aswally foudd onls in pous whor of the necan. have been carried by ice in companatively recent timus, but u a few places we have taken large cougiomerations of clay, coutamng fossils of animals at present inhabling these lo comparatively recent times. In places where roeks are base to such amimals as sponges aud the like. "xist in sbum ince. But in such soft botioms as are mosi frequently me with, sponges are atmosi entirely unknown.
Hure are uoticed the devices whicb mathre is continnolly adopting to ndapt iniself to circumstancess A free swin-
ming polyp just budded fom it mather eolony, huiug secidentally.trunsported from stony grounds to a softer hotrom, some hard substance upon which to fix itsell and start a been colony; lut failing to find a sulistantial base, il is obliged to fix itself upon the small dead stem of ofleer groups of Gorgonians, If arows, hut iu doing so will becometophis heve the
tip overs something is done. Buds from this hever same experience, and gradually, after many years, a menn-
lorane grows dow a the same time that the colony grows

Io the particular case in mind, a circular membrone, hollow within, and open at the lower end, if produced down-
ward as the colouy grows. After lueconing sin inch or mure:
 fart the most rommon mole of fixstion in these soft regions,
 end, receive their मanlue trom the fect. that the polyps are all
on ouc silfe:and ou acconnt of this, together with the pointed ond, the reeminhanace to a quill pen is bearly perfect. The
most peculinimatenterusting of this group of Radiates is that most peculiar and anteresting of ulis group of Radinter is that
rather' aberrent form of Pennatulids, the Vmbellifera, so named from tbeir resumblance to an unbeliferons flower
Iu this enke there is a stem, often two fret in length, fast Cunis enke there is astem, often two fret inl length, masi enud in the mud by meaus of an nongnted animals, which ns they graeuthily bend over, nave an aluost periteet resemblance
th certain nmilecliferous' fluwers. The allied animals, the so-cented sea anemones, are represent
large ant al ways beautitul in eolon
Pipizornthens, a form which stcretes a silicious saud-like sulstanace in the body Trills, atter the free swimming stage.
attiches itself to a shell iwhahited by a lusment crah. In growing and dividing, quite a colony is formed, which grad-
nally rnvelons the whole shell exeepting the entranee. The shmit is linally dissolved and the hernit trangeorts the ane

 grows, ind is thane an aocommodating house.
siartisthes are represented in all varieties, armed species to thosenwith fifteen arms, and from the nearly pentagonil formisto thase with a mere disk, with five narrow the oddess. tre those forms which have no hard shells,
 Sne night at 11 n'clock the crowd of uturalists standing
uromud llit sieve, iu the full glare of the electric light. werc nromud 1 he sieve, in the full glare of the electric light, werc
auxiously waiting for the har of the dredre to be untici, and the eoulents dropped into the sieve. At hast the mass of
muld
almod suiural life came tumbling ont, and couspieuous
 puzked. One suggested that they might he Planariau riuns. Some werc of the opiuion that they belouged to in group of animuls intermediate between two of the alove
clasese, and of which these were the first specimeus, After clases, and of which these were the first specimeus, After
a few moments of snch suygestions it was determined to make a dissection of one. Inmediately upou revealing
the: internal orgaus the question was setuled, for there, Lefore the mixions crowd lay the peeuliar organs
which belong to Echinoderms. Lpon arriviug home aud consulting broks we found that several similar specius
of Holothurians had heen deseribed from the Challeuser of Holothurians had heen descriked from the Challeuger
Enpelition. This, however, proved to be a somewhat dif-
ferent spucies aul reeeived the seientibic rerent species aun reeeived the seientific nume Benthedite
uigantea. But it was not dcstiued to eseape so easily, fo aige sions applited various names, such as lump of pork,
theur ne lread, and animated boxing gloves. The ereature wast pure white, und although of the great size mentioned alhove, still the vital organs ware cunfined to a narrow por-
tion noar tlo cunter, the rest being quite superiluous. Later in the crutise another peculinr Holothurisu whs dredged aud hlance to an unblacked low sho. The scientific name Euphronithes cornutu, wasigiven on recount of the horn-like piotutu placess sheells are extremely ahu
found in considerable variety. It is, hone and are often fout hat the deep-sea shells are wsmelly nearly a related to to
fall
shallow water and slove forins, while in other animals the case is quite ther reverse. It is to be burne in mind, that the sloclls proper or Mollasce bear no resemhlance
to the shelly Forraminiferm, ine former heiug quite high in to the shelly Frreminiffrit, ihe former heiug quite high in
the animal scile, while the latter are the lowest groun known. Our most beauliful leep-water shell Caliestomith
buituli, named in homor of Prof. Baird, is one of the few decp-water animals which will live iffer heing brought up
to the surfuee from siff fathoms, and flourish after heing plared in the aquarium.

## presented by many care quite fr

 by many remarkable forms, hoing foper, are not represente ainall, aud often represented by similar forms in shallowe Water, tirther uorth. It is a well knowu hut curious factthan mart animals, which are found in from 100 to 500 Lhat many animals, which are found in from 100 to 500
futhons south of New England, are often common sprecies in the shallower waters, and even on the shores, on the
nornh cru cuast on Eastern North America. And, furtliermore, the fauna on the bottom of the Mediterrancan Sea, with the 「auna of the lootiour off our voast. Besides this, the fossil rocks of Taly contain mauy mpecies wlich are at present living upon the ocean bottom. But to return to the
Amelits. The only really curiuas one is the speeies called
 fealher. In fact, it was ectually made to serve the purpose
of a pen. One of the party went so faras to cleum out one of a pen. One of the party went so far as to clenin out one
and fit it into his thipe, 1 he used as a stem. When last
seeu he was soen, he was pulfing away through a worm's tube taken from
the hottom in 500 falhoms. In places slirimp ure so
In phates slrimp ure so abundant upon the bottom that
nsheis are brought up at each haul. In surh cascs advanhnshes are broght up at each haul. In such cases advan-
tape is talser of the quantity, aud the mes is treated to
shrimp conked in various way shirimp conked in various ways. One species of slurinp was
tiken in 2,3000 fathome, which measures a fool in lenghth,
 ronids, or sea spiders. in the thimal kngerom to place them, for they have affinities to the crustareans, spiders, and also to the group which in-
cludt's the grauilather long-legs. One specimen taken this summer measured. when stretched out upou a table, over The feet from the end ot ouc ley to the eud of the one ou
hide. But notwithstaudiug this immense length of legs, the body is but an cighth of au inch in hreadth and an1
inch long. Iu tact, its body is so small that a lranch of the stomach bas to he extended into each of the eigbt legs, in
order to make it largc enough to digest the food required for the smpport of the legs, fur these are about all that there are
the unimal. Foud is sucked in throutgh a mither long. Dimple prohose is
Deep-seal fish
some extraordinary forms. Oul, (iustrostamus hatividit, will probauly form the hasis of a new order. It has a remark. ahy long inonth, oecupying in great deal more thau half the
londy. The skull is very primitive, and the whole animal is a curious case of extraordinary development. One fish
was taken, in which all traecs of ejes were apparenly wanting.
At thic surface, two or three hundred miles from land, animal life is extremely ybundant. Cut tlefish swim around nud arce ehased by swordfish, sharks and dolplins. Mother lary's chickens fly about, often in great numbers, altracted
by the refuse thrown overhoard, which they hover over and, appareatly, grecdily devour. Notwithstanding the amount of food throrn away, still the stomachs of thesc hirds are nsially entirely empty. In the warm waters of the Guil
Stream, by dragsing a rery fine net nlong the surface, mil. ions of minate animals can be ottained iu a very short tine. Ataehed to pieces of timber and floatiug seaveed, the
itilked, or goose, haruacle lives in great numher. Good sized erahs and shrimp also seck refuge among the seaweed. All these new and wonderful things lave bren discovered and stadied hy the Fish Commission, nnder the excelleut
mamugement of Prof. Baird, in addition to, and without inferfering with the regular works of expluring the fishing hrierng with the regular works of expluring the fishing Eastern North Anerica.

## DISCOVERIES IN ALASKA.

(APT, M. S. HEALY, of the United States Revenue MaRine stenmship Corwin, recently submitted to the made in Alaska during the past sunimer. He says: Being desirons of ascertaining the exact loculhty and extent of a large river reported hy the nalives to debouch in
Iotham Inlet, I availed myself of Ensign G. M. Stoney's (United States Nayy) better knowledge of surveyiug and his desire to make such cxamiuation, with a view to ulterior explorations sho
warrant them.
I placed the dingy, with two men armed and equipped with ten days rations, under his command, and landed him at
Hotham Inlet July 23, with instructions to report on board at he expiration of len days
The result of his expedition, considering the limited means the Goverument. He reports that, leaving the uative village Hotham Inlet under the gnidailec of a native from the iver marked on the chart Arriving there he found it to he smsil and very shallow-not worth exploring. Thence he proceeded some twenty-threc miles alone the northeustern shore of 11 lotham Inlet. Herc he struck the mouth of another river of cousiderable size, which the native said was one of outheasterly direction for two days, he struck the main stream. which proves to he a river fully three-quarters of a
mile in width, having nowhere less than two and a half fathonns of water, deepening at times to seven fathoms. He The banks generally were stecp and thickly timbercd with hirch, alder and spruce, some of the trees attaining a height
of forty feet, with twelve inches diameter ntte rom the river banks the undergrowilh formed an impassable jangle, particularly where the banks were low. The current was strong, at the bends reachiug the rate of two knots per hout less than two fathoms aud its width of half a mile for not ess than three Lundred miles heyond where Mr. Stouey turned back. It was fuy ther stated hy the batives that hy
making a small portage near the head of this river they conld making a smal portage near the head or his river they conld
reach uuother strcau llowing northward into the Poliar Sea. Mr . Stoney, havine gone as far no time permited, retraced his steps to the mouth of the main stream, which, with two Lulet
Everywhere the uatives were "kind, harmless and hospitable, many of them cvilently having never secn a white man
beforc. The heat was iutense, vegetation rank and the natives scantily clad.
Captain Healy also says:
Thus far ou onr crnise cum hing has been secu to show that cither liquor or breech-loading arms have been tanded ou the
American side hy traders or others. while qnite the reversc American side hy traders or other
is the case on the Siberian shores.
Captain Healcy also submits a report by Lientenabt W. E. Reyuolds, who hastily explored the large lagoon that lies has au average width of alout two miltes, though the fiats on the eastern side are exposed in many places at low tide. plorers found an entrance to, a small river up which they proceeded athout five miles, when the current hecame so strong that they conld not stem it without using the oars.
On ing to their limited time they were unalle to follow the stream but two miles further. Traeks of toxes and deer Were foutenant
Lientant Reynolds concludes his report by saying tha would furnish an escellent harhor for small ships such as visit the Aretic, and reco
after the steamer Corwin.

The Adirondack Forests. - The Constitution Clab of this city met last week, A commiltee appointed at a pre
vious meeting presented a report. By the act of incorporations meeting presented a report. By the act of ineorporaauthorized to hold $1,000,000$ neres of vilderness lands in addition to lands necessary for railroud purposes and to dispose of the products of the forests and irou and oller ores The company has already come into possessiou of $500,00 \mathrm{~m}$
anres, and the: forests are beiug sradually destroyed. The report called attention to the importance of forests to the Water supply of the State and to the navigation of its rivers
and carals, to its erops and climate. The discussion which followed the report took the form mainly of saggestions to the committee, which was cuntinued with power to petition the Leyissature to pass a general Corestry haw or such othe measure as in its wisdom may he uecessary to prcserve the
woodlands of the State. The club was nuaninous in the conviction that the State should exereise its power to preveut the destruction of the Adirondack forests by railroad

A How-Nused Brake, - Westifield, N. J. Nov. 3.-I sen hey and Nem York, 1hat I know uuder the name of "Hlat head aduer, and believe to be as poisonous ax cither the
rattlesnake or moecasin, though I I have never sech the snalie mentioned anywhere in Forest ard streas as heing yenomous. Some time since I caught one and plaeed a live toad in an ash can with it and teased the suake until he -hit The toan. I watched for some timc, hat saw no indieations of the tite taking effect. Some homs ater F conchaded to uatural poition which I left him, and therefore coucluded that the thate wat poisonous The hoad howeyer proved to be stone dead, and had never moved or even being hittel. 1 am told that snakes of heads, and finally bite themselves and dic. What is the proper name and clissitication of speeimen sont you? knowu them to move an iuch to get out of the way of man or dog. They hiss as loud as a goose when disturthed.and pufling adder. and puffing adder. It is a very common species, and from acquainted with it. It is not venomuls, however, though generally helieved to he. See Dr. Xarrow's Notes on Rep.
Flunge Agaisst Betlonge-Cosumne, Cal, Nov. S.-
A note in a receut issue reminds me of an incident which happened to me some years ago, while living in Orange
eounty, N. Y., near the New. Jersey lue, I was out after dred yards distance, ran a high rocky ridge well covered with rhododendron, alone which many a grouse had in the brace whirred up and one dropped 10 my shot The other got away unharned, slanting down the lill at a tremendourate, wilh wings almost stationary as is their custom when under full headway down hill, ouly an occasional movement keeping them in the air. We could find nothing more of to find a fine coek hung upisc, on inquiving, weretold that The family hat been startled hy a tremendous blow on the
house, and goiug ont had found this hird lying on the steps house, and goiug ont bad found this hird lying on the steps
with neck brokeu. At the same place on anoilier occasion saw a Hoek of quails pursned by a hawk, hrec of who sure of killing their enemy. Shooting here is fine, quatil heing plenty and geese coming in by thonsands. Have jns
come back from a hruting trip in the Sicra Nevadas, dur iug which the party brought thirty-five deer to camp.-IW.

Enomous Fossll Shark Teeth.-Monroe, Louisiaua, Nov. $9,1883$. - There was recently found, in a gravel pit,
on the line of the V. S. \& P. Ry., two stones, one about twice the size of the other, and each having exactly the shape of a shark"'s, or "gourd sced, tooth. The larger one to point, hesides several inches hrokcu off from the point Is uineteen inches across the lase and seveu inches thic at the thickest part. There were no other stones funnd in the pit exeept small gravel. These have been pronomneed
genuine fossil teeth by a selentific authority. The animal that owned and operated these toys must have bern the one that swallowed Jonah, or a near relation of that one. Onc
specinen is now in the R.R. office. I incluse a rough outline sken of the lager cone--ouacinta. [We have no kuowledge of any fossil shark's teeth having been found
that are at all comparahle in size with those here reported.]
"HOW TO COOK A PPOSSUM.
IN a barber shop one day last week, whilc several geutlpwen good thingst o ear. Alterer discuussinge varivus dishos, Joe Roney,
who is eonsidered a connoisseur, nand who had taken an active part in the discussion, said: "TV ell, boys, you can all talk
 what he was talking alout, and we determined to investigate
the tinst time we had da opportunit. We soon hat the chance.
Mr. What Fulow extended ant invitation ooon ater to Mr. Walt Furlow extended an invitations oon arter to go out
to his plantation and assist in a genuine old-fashioned possum
hunt, with an hour or two for sulimels throw in hunt, with an hour or two for squitrels thrown in. We sup-
pose there is hardya man in southwest Georgia who has not
experienced the glorics of a nossum hut It is experienced the glorics of a 'possum humt. It is not for their
beneit, therefore that we write thesc lines. Possiby the ladies may not feel particularly interested in them, but we
must beg the excuuse that some one will. fur we are full to over-
fowing will must beg the excuse that some one will. for we are milto over-
flowing witht the good of the hutht, nd must tell some one.
On every plautation there is one or more darkies who do the 'possum and 'eoon-huntings, who can tell you to a lair's breath
where to tind them. Mr. Furlow's plantation is no exception. There is a nagero there named Jim that knows all aliout it, und he would rat her you wonld steal his dops are his than hife do doms soul
he reasons that another wife he eonld get, but anuther cog as
 and wager it that 'possum will be treed. The Cist night's ex-
 The next uight we had everything in fine shape, aud
betweeu \& and ${ }^{\text {on }}$ oclock we started out. Down the road to the
 a few moments later by another and then another. A trail
had been struck. The voices of the dogs grew more frequent, had veen struck. The vices of the doss grew more Prequent,
uati at length. long contiauons bay from the leader an-
nounced that the possum was treed. nownced that the possum was treed. A cew momeuts' walk
bronstht tus to them, but the scene aronnt the tree taftes des-
cription. With bark after bark the dogs circled around, now cription. With bark after bark the dogs circoled around how
siniting, and trying m vain to climb the sappling. A few bows
from the ax hrought the tree down, and the pext mom the possum was in the jaws of the dogs, forty feet avay. He had
staited to run as sou as the tree fell, but the d gs ran two
 more, varied by lone tramps through swaups, eotton and
moru fields. The small hours of the morninghad arived when We went to led, Lut we consoled onselves with the thought of
thie feast we could have the next day and such a feast in was!
On a big dish in the center of the table, brown and fat, the 'possum lowked like it was good, but it was better than it
looked. It Was a meal fi for kings but which anybody
could have for the trouble of the hunt, It was the iirst'powsum


