GLOSSARY.

41. DEFINITION OF TECHNICAL TERMS AND RUSSIAN NOMENCLATURE, USED BY THE AUTHOR IN THE PRECEDING MONOGRAPH.

AHLUCKEYAK (Aleutian).—A rough back-bone.
ALEUT (Russian).—Name given to all native inhabitants of the Aleutian islands.
ARRIB (Russian).—Lomedia arra. The guillemot, or murre; so named from the bird's harsh cry of "arra-arra".
BAZLIE BRUSKIE (Russian).—Phaleris psittacula. Parroquet Auk; "white bosom".
BANYAH (Russian).—A steamy bath-house.
BARBIE (Russian).—An elderly married woman.
BARABABIE (Russian).—A hut.
BARABARA (Russian).—A large hut, or "kozarmie".
BOOROON (Russian).—Surf.
BIDABRAH (Russian).—A large skin-covered boat, propelled with oars, or used with sails before the wind; carries from three to ten tons.
BIDAKKA (Russian).—A small skin-covered canoe.
BIDARSHIK (Russian).—One who controls a baidar and its crew; a foreman.
BOBROVA (Russian).—Otter island.
BOGA SLOV (Russian).—God's word.
BOOGERA (Russian).—Gale that blows fiercely and is laden with snow; from "booryah", a storm or tempest.
BOLOSH (Russian).—Big.
BUJK (Russian).—A working ox, or bull.
BULL (English).—The adult male fur-seal; also the adult male walrus and sea-lion.
CANOOSKIE (Russian).—Simorhynchus cristatellus. Crested auk.
CHIKIE (Russian).—Larus glanacis. Burgomaster gull.
CHORNIE GOOSIE (Russian).—Branta canadensis var. leucopareia. White-collared goose.
CHOOCKIE (Russian).—Simorhynchus pusillus. Least, or knob-billed auk.
CHOOCHEL (Russian).—To Stuff.
COOKHINET (Russian).—The Aleutian cooking hut outside of the barrabke.
COW (English).—The adult female of the fur-seal, the sea-lion, and the walrus.
DALNOI MEES (Russian).—Distant cape.
DEETIN (Russian).—Children.
DOMASHNIE (Russian).—Houses.
EINAHNUTO (Aleutian).—The mamme.
EMANNMIX (Russian).—Namesday; or, literally, used as birthday.
EPATKA (Russian).—Fratercula corniculata. Horned puffin.
FLENSING (English).—Act of removing skins from seal carcases.
FLIPPER (English).—The fore-hand and hind-foot of fur-seal, sea-lion, and walrus.
GORBOTOCH (Russian).—Humpback.
GORODE (Russian).—A town; a village.
GOVEROOSKIE (Russian).—Larus brevirostris, and L. tridactylus. Gulls.
HAULING (English).—Action of seals in coming up from the sea over the land.
HEAT, "HEATING" (English).—That sudden decay of the seal's body after death.
HOLLUSCHAK, pl. HOLLUSCHICKIE (Russian).—Bachelor; bachelors.
HUMPBACK WHALE (English).—Megaptera novaeangliae.

KALOG (Aleutian).—All the small cottoid fishes.

KAMLAJA (Russian).—The water-proof shirt.

KAMMIN (Russian).—Stone.

KAMMINISTA (Russian).—Rocky place.

KANOOSA (Russian).—Sea Canoe, antea. "Little captain."

KAPOOOTA (Russian).—All algae. Sea-weeds; from "morskie kapaota," a "sea-cabbage."

KAUTOK, pl. KAUTOKI (Russian).—Fur-seal, collectively.

KEETAH (Russian).—Whale place.

KENCH (English).—Bin in the salt-house for pickling fur-seal skins.

KESIL (Russian).—Sow; rotting.

KIRTSCHA (Russian).—The common four-wheeled carriage of Russia.

KILLER-WHALE (English).—Orcinus tigrinus, var. rectipinna.

KOLITYEH (Russian).—Iاريخ ptolomeis, and all waders on the islands.

KOTOK, pl. KOTOKI (Russian).—Young fur-seal.

KYSASS, or QUASS (Russian).—Native home-brewed beer; vile product of flour, dried apples, sugar, and water, fermented in a cask for a certain period; also called "maikooakah," after a Russian brewer.

LAAHAS (Russian).—Drying or hanging frame for meat and fish.

LAHNOT (Russian).—Storehouse, or store.

LAASBUSHHEI (Russian).—Breeding-grounds (literally, "a place where seals dry off").

LIMMERSHA (Aleutian).—Anorthura troglodytes; worn. (A "chew of tobacco").

LOUGHTAH (Russian).—Air dried skins of all seals.

LUPUS (Russian).—Fulmarus glacialis, var. Rodgersi. Fulmar. A large species of petrel.

MAALTSCHEN (Aleutian).—Missing, or minus.

MATKA (Russian).—Mother; applied to female fur-seals and sea-lions.

MEDVATHEI (Russian).—Bears.

MELICHSHA (Russian).—Boy; urchin.

MEEB (Russian).—Cape; headland; point.

MIGSHA (Russian).—Place; spot.

MOROSHA (Russian).—The fruit of Rubus chamemorus. "Little frost berry."

MORSHEVTA-Y (Russian).—Walrus island; also, "Morschevia."

MORSHEE KOT (Russian).—Fur-seals ("sea-cat").

NAHVOOTA (Russian).—"To the eastward;" applied to the Black Bluffs on St. Paul.

NAHSAHVERNA (Russian).—"To or on the north shore."

NAH SPHEE (Russian).—"On the point;" a corruption of "nah speetseah."

NEAREPEE (Russian).—Phoca vitulina. The hair-seal.

NOVASTORNAH (Russian).—"Place of recent growth;" applied to Northeast point.

OWNEN (Russian).—Very.

OOTEHEI (Russian).—Duck; applied to all ducks.

OTEEEL (Russian).—Graculus bieristatus. Shag, cormorant.

OSTROV (Russian).—Island.

PAHKNOOT (Russian).—A smell.

PAHNTOSHEE (Russian).—Leucosticte tephrrootois var. gracineus. Gray-eared finch.

PBEACH, pl. PEBECHER (Russian).—Vulpes lagopus. Blue and white foxes.

POD (English).—A smaller or larger gathering of seals on land.

POLAVIEN SPOKE (Russian).—Halfway mountain.

POLTOOS (Russian).—Cypselus vulgaris. Halibut.

POMEERAT (Russian).—To die; applied only to the decease of animals.

PRECHEECHI (Russian).—An agent; a clerk; a sheriff.

PRECHVEE (Russian).—The "senior officer."

PRIMUSHIENII (Russian).—A hunter.

POVANEH (Russian).—A cook-room.

POP (English).—The young of the fur-seal and sea-lion, up to the age of one year.

RAAK (Russian).—The common crab. (Chionoecetes.)

RAHKOOSKA (Russian).—The common mussel. (Mytilus.)

RAP-O-LOOP (Russian).—Turdus migratorius. Red-breasted Robin.

RAZBOINEK (Russian).—Robber.

REPPKE (Russian).—Echinoidae. Sea-urchins.

ROOKERY, pl. ROOKERIES (English).—Breeding-grounds and breeding-seals thereon.
THE FUR-SEAL ISLANDS OF ALASKA.

SAAPKA (Russian).—Harelida glacialis. "Old squaw," long-tailed duck.
SOGGHNIE (Russian).—Tiresome; lonesome.
SCHAKTCH, pl. SCHAKCHNE (Russian).—Male fur-seal and sea-lion, full grown.
SBERVICH, pl. SBERVICHNE (Russian).—Sea-lion, collectively.
SHOBYN (Russian).—"Just like it."
SHEKSAH (Russian).—Emetrum nigrum. Vine and fruit thereof. The "crowberry" of English botanists.
SNOTUSKIE (Russian).—Plectrophanes nivalis. The snow bird.
STARKOKA (Russian).—An old woman.
STARIEUK (Russian).—An old man.
STOGRIAN (Russian).—Ship's mate.
TALNEEK (Russian).—Satin. All the creeping willows are thus named.
TAROSSA (Russian).—Native boots made of the flippers, throats, and intestines of the Pinnipedia.
TAPOOKI (Russian).—Fratercula circrata. Tufted puffin; from its hatchet-like bill.
TAYOLIK (Russian).—Worm.
TOLSTOK (Russian).—Thick.
TONKIE MEBS (Russian).—Little or peaked cape.
TREBESA (Russian).—Gadus morrhua. Codfish.
UN KONCHIKSER (Russian).—"He has finished." The refined reference to human death; never applied to animals.
VARBERNE (Russian).—Corvus corax. Raven.
VESAKA MISTA (Russian).—Jolly place.
WHALE RIND (English).—The skin of the whale.
WIG (English).—That light buff-colored patch on the shoulders of the sea-catchie.
ZAPUSTA (Russian).—A saving of, or sparing of.
ZOOBADEN (Russian).—"Tooth cut; tooth bitten."

42. WEIGHTS, MEASURES, AND VALUES.

I introduce the following brief tables of Russian weights, measures, and values, in order that the occasional mention made by Veniaminov, in this respect, may be clearly understood, and also to assist any inquiring individual who may be disposed to read up Russian authorities on the subject of their travel, geographical research, and fur-trade in Alaska.

<table>
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<tr>
<th>WEIGHTS</th>
<th>MONEY</th>
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<tr>
<td>1 solotuk = 6 English grains av.</td>
<td>1 copper kopeck = 1 silver kopeck.</td>
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<tr>
<td>3 solotuk = 1 &quot;Lot&quot;</td>
<td>2 copper kopecks = 1 grsh.</td>
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<tr>
<td>29 &quot;lot&quot; = 1 English pound av.</td>
<td>3 copper kopecks = 1 sileem.</td>
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<td>5 copper kopecks = 1 pestack.</td>
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<td>5 silver kopecks = 1 pestack.</td>
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<td>15 silver kopecks = 1 peteal timid.</td>
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<td>50 silver kopecks = 1 peteal timid.</td>
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<tr>
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<td>100 silver kopecks = 1 rouble.*</td>
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The gold coinage of Russia is seldom seen, even at home, and never has been used in Alaska; the form of its coinage is known to Russians as an "Imperiale," and is equal to about $5 of our currency.

The word "ruble," according to Mr. S. N. Byuntskeik, comes from the Russian "roosheet," or, to hew with a hatchet, because the practice of notching the bullion bars, as specified below, was one that called for the use of a little ax for that purpose. In 1654 rubles were first introduced to Russia at Moscow, in the form of bullion bars, with deep notches in them, "rubli," which enabled the possessor to detach as much of the bar as his payment might require; hence the origin of the word ruble; the first silver money of Russia was coined at Novgorod in 1420; it was struck in small pieces, which were then, as now, called "kopecks"; the present value of the kopeck is not quite 2½ of 1 cent (United States currency). Nearly all the ordinary business calculations of Russia are made upon the basis of kopecks. At present, specie has substantially disappeared in that country, and depreciated paper is

* The silver ruble is nearly equal to 76 cents in our coin. The paper ruble fluctuates in Russia from 40 to 50 cents, specie value; in Alaska, it was rated at 50 cents, silver. Much of the "paper" currency in Alaska during Russian rule was stamped on little squares of walrus hide.
the representative; the silver kopeck no longer exists as current coin. The copper kopeck bears on its obverse side the figure of St. George spearing a dragon: "from this spear," says Georgi, "called kapaa in Russian, the term kopeck has been derived."

A still smaller coin, called the "polooshka", worth ½ kopeck, has been used in Russia; it takes its name from a hare skin, "ooshka", or "little ears", which, before the use of money by the Slavs, was one of the lowest articles of exchange; pol signifying half, and polooshka, half a hare's skin. From another small coin, the "deinga" (equal to ¼ kopeck in value), is derived the Russian word for money, deingak or deingie.*

In conclusion, it may be interesting to add to this mention of the coin used on the seal-islands and in the fur-trade transactions of Alaska, that the first piece of stamped money known to the numismatic records is a small coin made by the Phocians about 700 B. C., on the obverse side of which was the figure of a seal, so stamped because when these people were emigrating their boats were "followed by shoals of seals".  

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*As far as I can ascertain, the above expression of Russian nomenclature, regarding the subjects named, is the first correct rendition made in the English language of the same. Clarke [Travel: 1800] gives, on a fly-leaf of introduction to his interesting and graphic picture of Russian life and country, these items of weight, measure, and money, nearly all correct as to figures, but hardly one of the Moscovitio equivalents is properly pronounced and spelled in accordance. He frankly confesses his ignorance, however, of the Russian language, and hence bars out all adverse criticism thereby. I should also add that I have, as far as possible, refrained from using any of the Aleutian nomenclature on the seal-islands, for the simple reason that while those natives do not, in talking among themselves, employ the above Russian titles, yet when they address us they do, and hence the Slavonian designations are those which all races up there agree upon in their definition and application.
EXPLANATORY NOTES AND COMMENTS UPON THE MAP OF ST. PAUL ISLAND.

St. Paul.—This name was given to the island because it was discovered for the first time on St. Paul's Day, July 10, 1876, by the Russian discoverers. [June 28, Julian calendar.]

Definitions for Russian Names of the Natives, Etc.—The several titles on the map that indicate the several breeding-grounds, owe their origin and have their meaning as follows:

ZAPADNIE signifies "northward" and is so used by the people who live in the village.

ZOLIOI signifies "golden", so used to express the metallic shimmering of the sands there.

KIVATIE signifies "of a whale", so used to designate that point where a large right whale was stranded in 1840 (?); from Russian "keet", or "whale".

LUKANNON.—So named after one Lukannan, a pioneer Russian, who distinguished himself, with one Kaloov, a countryman, by capturing a large number of sea-otters at that point, and on Octor island, in 1787-88.

TONKIN means signifies "small" (or "slender") cape [tonkile, "thin"; tyna, "cape"].

POLAVNA literally signifies "half way", so used by the natives because it is practically half way between the salt-houses at Northeast Point and the village. POLAVNA BOPEKA, or "half-way mountain", gets its name in the same manner.

NOVASTREKHAN, from the Russian "novotie", or "of recent growth", so used because this locality in pioneer days was an island to itself; and it has been annexed recently to the main land of St. Paul.

VISOLO MISTA, or "fally place", the site of one of the first settlements, and where much carousing was indulged.

MAROONITCH, the site of a pioneer village, established by one Maroon.

NAHAYVOMIA, or "on the north shore", from Russian "syaenovia".

BOGA SLOV, or "word of God", indefinite in its application to the place, but is, perhaps, due to the fact that the first Russians, immediately after landing at Zapadnie, in 1787, ascended the hill and erected a huge cross thereon.

EINAHNENTO, an Alaskan word, signifying the "three mainstreams".

TOLATO, a Russian name, signifying "thief", it is given to at least a hundred different capes and headlands throughout Alaska, being applied as indiscriminately as we do the term "Bear creek" to little streams in the western states and territories.

The profile of St. Paul.—That profile of the south shore, between the Village Hill and Southwest Point, taken from the steamer's anchorage off the Village coat, shows the characteristic and remarkable alternation of rockery slope and low sea-level flats. This point of viewing is slightly more than half a mile true west of the Village hill, to a sight which brings Boga Slov summit and Tolatol head nearly in line. At Zapadnie is the place where the Russian discoverers first landed in 1787, July 10. With the exception of the bluffy eastern end, Einahnten-to cliffs, the whole coast of St. Paul is accessible, and affords an easy landing, except at the short reach of "Saathah" and the rockery points, as indicated. The great sand beach of this island extends from Lukannan to Polavna, thence to Webster's house, Novostremnah; from there over, and sweeping back and along the north shore to Nahayvomia headland, then between Zapadnie and Tolatol, together with the beautiful though short sand of Zoloi. This extensive and slightly broken sandy coast is not described as peculiar to any other island in Alaska, or of Siberian waters.

Fresh-water Lakes.—There are no running streams at any season of the year on St. Paul; but the abundance of fresh water is plainly presented by the numerous lakes, all of which are "savanl", save the lagoon estuary. The four large reefs which I have located are each awash in every storm that blows from seaward over them; they are all rough, rocky ledges. That little one indicated in English bay caused the wrecking of a large British vessel in 1847, which was coming in to anchor just without Zapadnie; a number of the crew were "maaslochen", so my native informant averred.

Drift-wood.—Most of the small amount of drift-wood that is found on this island is procured at Northeast Point, and Polavna; the north shore from Marokulich to Tsammanah has also been favored with sea-wail logs in exceptional seasons, to the exclusion of all other sections of the coast. The natives say that the St. George people get much more drift-wood every year, as a rule, than they do on St. Paul. From what I could see during my four seasons of inspection, they never have got much, under the best of circumstances, on either island. They pay little attention to it now, and gather what they do during the winter season, going to Polavna and the north shore with sleds, on which they hoist sails after loading there, and send home before the strong northerly blasts.

Captain Erskine informs me that the water is free and bold all around the north shore, from Cross hill to Southwest Point; no reefs or shoals up to within a half a mile of land anywhere. English bay is very shallow, and no sea-going vessel should attempt to enter it, that draws over 6 feet.

Authorities for Latitude and Longitude.—All the positions of latitude and longitude which I place upon this map are taken from Captain Archimandritev's manuscript chart. During the whole month of July, 1874, while I was here with the "Reliance", there was not a single opportunity for a solar observation, although Captain Baker made several attempts to make some. Captain Erskine, however, has verified Archimandritev's work, and says that it is very near the correct thing. I could have taken observations easily in the occasional clear November days of 1872, but, unfortunately, the chronometer which I had, proved so defective that I abandoned the labor.

How to reach Walrus Island.—To visit Walrus Island in a boat, pleasantly and successfully, it is best to submit to the advice and direction of the natives. They leave the village in the evening, and, taking advantage of the tide, proceed along the coast as far as the bluffs of Polavna, where they rest on their cales, doze and smoke, until the dawning of daylight, or later, perhaps, until the fog lifts enough for them to get a glimpse of the islet which they seek; they row over in about two hours with their bldarras. They leave, however, with perfect indifference as to daylight or fog; nothing but a southeaster can disturb their tranquility as they proceed in landing on Walrus Island. They would find it as difficult to miss the extended reach of St. Paul on their return, as they found it well nigh impossible to push off from Polavna and find "Mornovia" in a thick, windy fog and running sea.

On the west side of the island, a slight correction.—Another island, or "Bohovia", is easily reached in almost any weather that is not stormy, for it looms up high above the water. It takes the bldarras about two hours to row over from the village, while I have gone across once in a whale-boat with less than one hour's expenditure of time, sail and oars, as route. A slight mistake of the engraver causes Oster point to appear as a bifurcated tongue. It is not so; but there is a funnel-shaped cavity here plainly emargined from the sea, and on that extreme point, constituting and giving to it this name.

*Anything missing, or beyond human ken, in the Alaskan vernacular is "masslochen".*
ST. PAUL,
Prybilov Group, Bering Sea, Alaska.
Surveyed and drawn April, 1873—July, 1874.
by
Henry W. Ellmore.

Scale: 1 Statute Mile.

Superficial area of St. Paul 33 sq. m. 48 m. above line (19½ of which Seal Ground.)

Reef Point 67° 59' 32" N. Lat. 172° 19' 60" W. Long.
S. W. 57° 11' 25" N. Lat. 172° 19' 00" W. Long.
N. E. 57° 19' 00" N. Lat. 172° 00' 00" W. Long.
Oyster Islands 57° 00' 00" N. Lat. 172° 19' 00" W. Long.
Walrus Islands 57° 11' 00" N. Lat. 172° 45' 00" W. Long.

"Hunting Grounds."
EXPLANATORY NOTES AND COMMENTS UPON THE MAP OF ST. GEORGE ISLAND.

St. George.—This title was given to the island by its discoverer in honor of his vessel, the sloop "St. George".

Salient features of this topography: inaccessible character of the coast.—The profile which I give of this island presents clearly the idea of that characteristic, bold, abrupt elevation of St. George from the sea. From the Garden cove around to Zapadnie beach, there is not a single natural opportunity for a man to land; thus, again, from Zapadnie beach round to Starry Ateal there is not one sign of a chance for an agile man to come ashore and reach the plateau above. From Starry Ateal to the Great Eastern rookery there is an alternation, between the several breeding-grounds, of three low and gradual slopes of the land to sea-level; these, with the landing at Garden cove and at Zapadnie, are the only spots of the St. George coast where we can come ashore. An active person can scramble up at several steep places between the Sea Lion rookery and Tolstoi Mee, but the rest of that extended bluffy sea-wall, which I have just defined, is wholly inaccessible from the water. A narrow strip of rough, rocky shingle, washed over by every storm-beaten sea, is all that lies beneath the muri precipices.

Pretty cascade at Waterfall head.—In the spring, when snow melts on the high plateau, a beautiful cascade is seen at Waterfall head; the feathery, silky, silver ribbon of plunging water is thrown out into exquisite relief by the rich background of that brownish basalt and tufa over which it drops. Another pretty little waterfall is to be seen just west of the village, at this season only, where it appears from a low range of cliffs to the sea; the first named cascade is more than 400 feet in sheer unbroken precipitation.

Two or three small, naked, pinnacle rocks, standing close in, and almost joined to the beach at the Sea Lion rookery, constitute the only outlying islets or rocks; a stony kelp bed at Zapadnie, and one off the Little Eastern rookery, both of limited reach seaward, are the only hindrances to a ship's sailing boldly round the island, even to scraping the cliffs, at places, safely with her yard-arms. I have located the Zapadnie shoal by observation from the cliffs above; while Captain Baker, of the "Reliance", sounded out the other.

Authorities for latitude and longitude.—The observations which fix the positions of Tolstoi and Dalnol Mee are taken from Russian authority (Captain Archimandritov), while the location of the village was made by Lieutenant Washburn Maynard and myself, in 1874, together with the degree of variation of the compass; we used an artificial horizon; the overcast weather prevented our verification of the two other points given.

Trend of ocean currents here.—Although small quantities of drift-wood lodge on all points of the coast, yet the greatest amount is found on the south shore of Garden cove; this drift-timber is usually wholly stripped of its bark, principally pine and fir sticks, some of them quite large, 18 inches to 2 feet in diameter. Several years occur when a large driftage will be thrown or stranded here; then long intervals of many seasons will elapse with scarcely a log or stick coming ashore. I found at Garden cove, in June, 1873, the well preserved hulk of a canoe, cast up by the surf on the beach; did I not know that it was most undoubtedly thrown over by some whaler in these waters, not many hundred miles away at the farthest, I should have indulged in a pretty reverie over its path in drifting from the South seas to this lonely islet. I presume, however, that the timber, which the sea brings to the Pribylov islands, is that borne down upon the annual floods of the Kuskokwim and Nushagak rivers, on the mainland, and to the east-northeastward, a little more than 250 miles; it comes, however, in very scant supply. I saw very little drift-wood on St. Matthew island; but on the eastern shore of St. Lawrence there was an immense aggregate, which unquestionably came from the Yukon mouth.

Spot of Pribylov's landing.—One of the natives, "starok", Zachar Oostigov ("the president"), told me that the "Russians, when they first landed, came ashore in a thick fog", at Tolstoi Mee, near the present Sea Lion rookery site. As the water is deep and bold there, Pribylov's sloop, the "St. George", must have fairly jammed her bowsprit against those lofty cliffs ere the patient crew had intimate of their position. The old Alcett then showed me the steep gully there, up which the ardent discoverers climbed to the plateau above; and to demonstrate that he was not chilled, or weakened by age, he nimbly scrambled down to the surf below, some 300 vertical feet, and I followed, half stepping and half sliding over Pribylov's path of glad discovery and proud possession, trodden one June day by him, nearly a hundred years ago.

Suggestions for better loading and discharging a cargo.—With regard to the loading and unloading of the vessels at St. George, I believe that it would be wise and economical to grade a wagon-road over from the village to Garden cove; I think so because weeks and weeks consecutively have passed, to my personal knowledge, between the unloading and the loading of the steamers; when, during all that season of weary, anxious waiting for the surf to quiet down at the village landing, there was not a single day in which the ship could not have discharged or received her cargo easily and expeditiously on the sand beach at Garden cove. When the "St. Paul" has 76,000 seal-skins in her hold, taken on at the larger island, then has to pound "off and on" here, in fog and tempest, for a week or two, or even longer, waiting for a chance to get the 20,000 or 25,000 St. George skins (ready for her) in turn, her cargo is too costly to risk in this manner, inasmuch as the difficulty can be readily obviated by the cart-road I have indicated. The natives could and would hitch themselves into large hand-carts, and thus draw the skins across and supplies back, with the aid of a mule or two on the stiff grade; this would occur in ascending Shukchevsk ridge from the village, and also up a short one again rising from Garden cove to the mesa tops. The distance is only 32 to 34 miles, and 2 miles of that is nearly fit for wheels, as it lies to-day. I think, seriously, this should be done; it may save or prevent in the future the loss of a valuable ship and her priceless cargo of human life and all its belongings. Thick fogs and howling gales of wind, are dangerous and chronic here.

What the sketch-map shows.—The sketch-map of Alaska, which I have inserted in the lower corner of this chart of St. George, is to show, better than any language can, the relative position of these celebrated seal-islands; and also to give a clear idea of their isolation and great distance from Sitka, where most of our people think all Alaska is centered. In fact, Sitka, as far as trade and resources and population are concerned, is one of the most insignificant spots known to that country. Kadiak, Ongak, Belovalek, and Omnashka each have a greater civilized population than has Sitka to-day, and each has a hundred-fold more importance as a trade-center. As the ship sails, the Pribylov islands are:

2,260 miles W. N. W. from San Francisco.
1,500 miles W. N. W. from Vancouver island, straits of Fuca.
1,400 miles W. N. W. from Sitka.
565 miles S. W. N. W. from Kadiak.
192 miles N. N. W. from Omnashka.
700 miles E. N. E. from Commander islands, Russian territory.

All these distances are via Omnashka, save the last one.
ST GEORGE,
Prybilov Group, Bering Sea, Alaska.
Surveyed and drawn April, 1913—July, 1914.
by
HENRY W. ELLIOTT.

Scales: — Estimated Miles.
Tolstai Mass: 60° 37' 18" N. Lat. 160° 27' W. Long.
Dolnoi Mass: 59° 36' 15" N. Lat. 160° 44' W. Long.

Water deep and rich all around island, 25 to 30 fathoms.
INDEX TO REPORT ON THE FUR-SEAL ISLANDS.

A. Page

Abandoned fur-seal rookeries, sites of ........................................ 67
Alcohol condition of the people on St. Paul Island under the rule of
Dannuny ................................................................. 28
Absence of sealing-seals regarding the Palanduk Islands ............... 125, 126
Act of Congress directing the lease of the seal-islands, wisdom of the . 28
Act of Congress to prevent the extermination of fur-bearing animals in
Alaska ............................................................... 153, 154
Adult male fur-seals, description of ...................................... 30, 32
Advantages offered to the fur-seal by the Pribilofs and Bering and Copper
Islands ............................................................... 16

INDEX ON THE SEAL-ISLANDS, review of official reports upon the conduct of .............................. 192-196
An example of the mother walrus for her young (note) .................. 97, 98
Age, breeding of the blackseal or bull seal by ................................ 46
Accounts of the Treasury Department, previous statements of the author
confirmed by ........................................................... 4
Agents, special of the Treasury Department ................................... 157
Agriculture and its possibilities on the Pribilof Islands ................... 12
At-first seal-pelt, length and native name for (note) ...................... 99
Alaska Commercial Company, account paid to the government by the.
From 1879 to 1881 ................................................. 171
Alaska Commercial Company and Treasury agents, good influence of the, 
on the people of the seal-islands ........................................ 30, 32, 34
Alaska Commercial Company, annual tax and rental paid to the govern-
ment by the ........................................................... 27, 32
Alaska Commercial Company, business methods and statistics of the ...
........................................................................... 33, 34
Alaska Commercial Company, discussion of the methods of .......... 38, 39
Alaska Commercial Company, employees of the ......................... 100
Alaska Commercial Company, H. M. Hutchinson and Captain M. M.
Morgan promoters of the ........................................... 23
Alaska Commercial Company, hospital, etc., on St. Paul Island men-
tioned by the ........................................................... 76
Alaska Commercial Company, improvement of the condition of the
natives by the ........................................................... 24
Alaska Commercial Company, organization and regulation of the ...... 18, 104-106
Alaska Commercial Company permitted by law to take 300,000 fur-seals
annually ................................................................. 77
Alaska Commercial Company, policy of the ................................ 107
Alaska Commercial Company, police paid by the, the native sealers 107
Alaska Commercial Company, sanitary advancement of the natives
under the influence of the ........................................... 107, 108
Alaska Commercial Company, supplies sold to the natives by the .... 107
Alaska Commercial Company, terms of the lease of St. George and
St. Paul Islands to the .............................................. 156, 157
Alaska Commercial Company, treatment of the natives by the ......... 107
Alaska, power of the Russian-American Company in ................. 160
Alaska, prevalence of intoxication among the native people of (note)
........................................................................... 8
Alaska whiskey, commercial importance of the .......................... 22
Alaskan blankets, waterproof garment, description of the ............. 75
Alaskan natives, belief of, that their remote ancestors were fur-seals .. 74
Alaskan natives, medical use of fur-seal meat by the ................... 75
Alaskan natives, walrus-ivory carving by the ............................ 141
Alaskan tides, peculiarities of ......................................... 10
Alibonas and non-alibonas among seal-seals ............................. 67, 103, 104
Alibons and non-alibons among pribilof seal-seals ...................... 19, 20
Alibons, high appreciation of the seal-seal by the ....................... 31
Alibons, method of, in skinning fur-seals ................................ 79, 82
Alibons of the Pribilof Islands, manners and customs of the .......... 21
Alibons of the Pribilofs Islands, physical features and characteristics of
the ........................................................................... 21

Alets, origin and traits of the .............................................. 21, 22
All of the Pribilof Islands .................................................. 139
All of the southern shores of the Pribilof Islands ......................... 61
American and Chinese, first traffic in fur between the .................. 79
American ignorance in 1867 of the value of the fur-seals of Alaska ... 69, 69
Americans cannot compete with the English in the dressing of fur-seal
skins ................................................................. 69
Anchorage, occupation of the Pribilof Islands by, in 1867-68 ......... 56, 57
Amicable character of the natives (note) .................................... 161
Amount and kinds of food consumed by fur-seals ....................... 64, 65
Amount of revenue derived from the fur-seal industry on the Pribilof
Islands ................................................................. 170, 171
Amount of rookery space occupied by single seals ..................... 56
Amount paid to the Government by the Alaska Commercial Com-
pany from 1879 to 1881 .............................................. 171
Anamens, occupations, etc., of the people of St. George and St.
Paul Islands ........................................................... 28
Anatomy of the fur-seal, reference to the observations of Dr. Murie re-
garding the (note) ...................................................... 76
Appearance, physical, of the walrus, description of the .............. 94
Aquatic and other birds of the Pribilof Islands, list and description of 125
Aquatic seed-castles of St. George Island .............................. 17
Aquatic birds and animals of Otter Island ................................ 17
Aquatic birds of St. George Island ....................................... 18
Aquatic birds of the Pribilof Islands, economic value of the ... 125, 126
Aquatic birds of the Pribilof Islands, gastronomic value of the eggs
of the (note) ........................................................... 126
Aquatic birds of Walrus Island ........................................... 17
Aquatic invertebrates of the waters of the Pribilof Islands ........... 14, 15
Arctic and Antarctic fur-seal rookeries, physical contrast between ... 119
Area and description of St. George Island ................................. 18, 119, 120
Area and description of St. Paul Island .................................. 15, 16, 162
Area and description of Walrus Island ................................. 17, 18
Area and shoreline of St. George and St. Paul Islands .................. 103
Area of the breeding-grounds, number of seals proportioned to the .... 103
Arrival of seals at the hauling-ground, time of ......................... 85
Arrival of fur-seals at the hauling-ground, time of the .................. 100
Arrival of skins at the hauling-ground, time of the ...................... 100
Arrows, hullets, etc., found in the hides of fur-seals ................... 86
Assistance rendered by Professor Baird to the author .................. 162
Atlantic walrus, reference to Parry's history of the ..................... 181
Attachment of the natives to the Pribilof Islands (note) ................ 191
Attacks of the Russians to introduce ravens on the Pribilof Islands, . 126
Attitudes of the slaughter of seals on the Pribilof Islands .............. 140, 141
Attitudes and coloration of fur-seals ................................... 21, 22
B.
INDEX TO REPORT ON THE FUR-SEAL ISLANDS.

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>178</td>
</tr>
</tbody>
</table>

B. Bachelor or belushishke seal, classing, by age. 46
Bachelor or belushishke seal, description of. 49-51
Bachelor or belushishke seal, dispersal of. 47
Bachelor or belushishke seal, gentleness of. 44
Bachelor or belushishke seals, hailing-grounds of. 54-55
Bachelor or belushishke seals, hailing-grounds of, on South Paul Island. 43, 44
Bachelor or belushishke seals, movements of, in the water. 45
Bachelor or belushishke seals not permitted to land upon the hailing-grounds. 70
Bachelor or belushishke seals, sports and pastimes of young. 44, 45
Bachelor or belushishke seals, swimming off of. 45, 108
Bachelor seals not permitted by the breeding seals to land on the rockeries. 43
Bare, Professor, assistance rendered to the author by. 8, 9
Barracuda, object condition of the people on South Paul Island under the rule of. 29
Barronoff, characteristic of. 148
Barronoff, decay of the Russian-American Company after the death of. 149
Barronoff’s attempt to colonize California to secure the Sandwich islands. 149
Barronoff and his whale, remarks on (footed). 43
Battles of the fur-seals, description of the. 32, 44
Behavior of female seals on the rockeries. 37
Behavior of fur-seals at night (note). 102, 103
Behavior of fur-seals in the waters around the islands. 65
Behavior of sea-birds in the coral. 99
Behavior of sea-birds when surprised, description of the. 89, 90
Belief of Alaskan natives that their remote ancestors were fur-seals (note). 74
Bering and Copper islands, the Commander group, well suited to the fur-seal. 69
Bering and Copper, the Russian seal islands, or the Commander group, sketch of. 109-115
Bering, Copper, and the frigidom, description of. 109
Bering, Copper, Saint George, and Saint Paul Islands, range of fur-seals confined to, in the North Pacific. 6
Bering Island, character of. 112, 113
Bering Island, climate of. 112, 113
Bering Island, education and religion on. 119
Bering Island, enumeration of animals, birds, etc., on. 118
Bering Island, flora and vegetation of. 118, 119
Bering Island, insel of a fur-seal rookery on. 118
Bering Island, location of. 109
Bering Island, sea-bears or fur-seals on. 121, 122
Bering Island, sketch of the village on. 119
Bering Island visited and described by Steller in 1741 . 116
Bering sea, boreal range of the walrus of. 97
Bering sea, of the far-north. 101
Bering sea, early accounts of the walrus of. 101
Bering sea, failure of the whalers in. 101
Bering, sketch of the homeward voyage and shipwreck of. 128, 129
Bering’s death, melancholy incident of. 114, 115
Bering’s expedition, escape of the survivors of. 115
Birds, animals, etc., of Bering Island, enumeration of. 113
Birds, animals, etc., of the Pribilof Islands. 14, 147
Birds, fish, and sea birds of the Island of Juan Fernandez. 120, 121
Birds of the Pribilof group, catalogues of the. 128
Birds of the Pribilof Islands, description of. 108
Birds of Walrus and Otter Islands. 14
Birds of Walrus Island, habits and numbers of. 17a, 18
Birds on Walrus Island. 127
Birth and character of the fur-seal, remarks regarding. 105, 107
Blaeker, Einar, and Sveinsson, reference to work of (notes). 48, 49
Blaeker, description of the sea, and edge of the. 74, 75
Blessed as Ross, California, killing of fur-seals by the Russian sealers at. 69
Belief of fur-seals when congregated on land. 63, 67
Bones of the far-north, fragile character of the. 82

H. Bones of the now extinct seal-cow used by the natives as skilletters and for currying. 111
Breeding-grounds, distribution of the walrus of. 101
Breeding-grounds, noise made by the fur-seals on the, a guide to navigators. 34
Breeding-grounds, number of seals proportioned to the area of. 49
Breeding-grounds of the fur-seal, eligibility of the Pribilof Islands for. 69
Breeding-grounds of the fur-seal on Saint Paul Island, inhabited results of surveys of the. 97
Breeding-grounds, time of arrival of the fur-seals at the. 90, 95, 96, 101
Breeding-rookeries, and hailing-grounds of the fur-seal, position of. 103
Breeding-seals, proportion of males to females among. 50
Breeding-seas of the world, description of the. 90
Breeding-seas, close of the, and organization of the fur-seals rookeries. 59
Bullets, arrows, etc., found in the hides of fur-seals. 66
Bulls, "hospitals" of the sick and disabled. 40
Bulls, treatment of the cow-seals by the. 50
Bundling, curing, and seasoning of seal skins. 161, 162
Business methods and statistics of the Alaska Commercial Company. 55, 56

C. California, Beamer’s attempt to colonize. 149
California, accounts of a Russian colony in (notes). 69
Capture of the seal, description of the mode of. 88-89
Carcasses of the slaughtered fur-seals, decay of the. 85, 86
Casualty birds on the Pribilof Islands. 750
Catalogues of the animals, birds, etc., of the Pribilof group. 236-237
Cause of varying prices of dressed seal-skins. 84, 85
Causes of death among the native people (note). 76
Change in pelage of the fur-seals. 41, 46, 71, 72, 104
Characteristics of the fur-seals. 115-117
Characteristics and habits of the birds of the Pribilof Islands. 122-128
Characteristics and physical features of the Aleuts of the Pribilof Islands. 21
Characteristics and physical features of the fur-seal. 29, 30, 35, 36
Character of Alexander Baranov. 148
Character of the Bering sea islands. 112, 113
Character of the head of the walrus. 96
Character of the Russia-Olina trade. 78
Chin, neglect of fur-seal breeding-grounds by the. 122
China and America, first traffic in fur between. 78
Chukchi and Russus, commercial treaties between. 78
China and Russia, description of Kletcha, the emporium of commerce between. 78
China-Russus trade, character of the. 78
China-Russus trade in fur-seal peltries, sketch of the. 79, 79
Chinese demand for fur. 78
Chinese, prices paid for far-north skins by the. 78
Chinese, traders, absurdity of the. 78
Churches and schools on the Pribilof Islands. 20, 24
Classification of fur-seals. 102, 103
Classification of winds of the Pribilof Islands. 150
Climates and physical features of the. 48
Climate of the islands of Saint Matthew. 116
Climate, irregularity of periods of change of, on Saint George and Saint Paul Islands. 9
Climate of Bering Island. 113
Climate of the Pribilof Islands. 6, 10, 102
Close of breeding season of fur-seals. 79
Clowns of the walrus. 94, 99
Coast, Russia, names and values of. 176, 176
Colonists of the Pribilof Islands, status of the early. 146, 147
Colder and altitudes of fur-seals. 23, 33
Colderation of the seal. 87, 88
Colonization of the seal. 87, 88
Commander and Pribilof Islands, number of fur-seal skins taken for shipment from the. 79
Commander group, Bering and Copper islands, of, well suited to the fur-seal. 69
Commander group, of islands, sketch of the. 109, 115
Commander island, far-seal industry on the (note). 109
Commander islands, number of fur-seal skins taken for shipment from the. 89, 98
Commercial importance of the Pribilof Islands. 78
Comparative size of male and female fur-seals. 46
Comparing the number of fur-seal, manner of. 49, 50
### INDEX TO REPORT ON THE FUR-SEAL ISLANDS.

| Condition and number of the people of Saint George and Saint Paul islands in 1850 | Page |
| Condition of the weight of the fur-seals from one to seven years of age and upward | 20, 21 |
| Condition of the fur-seal oil market, remarks on | 81, 82 |
| Condition of the inhabitants of the Pribilof Islands under the Russians | 145-147 |
| Condition of the people of Saint George and Saint Paul islands under Russian and American rule contrasted | 20 |
| Conduct of affairs on the seal-islands, review of official reports upon | 102-109 |
| Conduct of the sealing | 110 |
| Congress, act of, to prevent the extermination of fur-bearing animals in Alaska | 153, 154 |
| Congress, comments upon the legislation of, with reference to the seal-islands | 157 |
| Congress, wisdom of the act of, directing the heads of the seal-islands | 15-16 |
| Course pursued by fur-seals after leaving the Pribilof islands | 62, 64 |
| Countless extended by the Alaska Commercial Company | 319 |
| Cowpox of the seal-fish, quoted regarding the walrus (note) | 95 |
| Cooking, description of native methods of | 70 |
| Copper, Bering, an of the Commander group, well suited to the fur-seal | 69 |
| Copper, Bering, and the Pribilof islands, advantages offered to the fur-seal by | 19 |
| Copper rush to the Russian seal islands under the Commander group | 100-115 |
| Cost of producing and marketing fur-seal oil | 83 |
| Courage and strength of seals for-seals | 20, 37 |
| Courage, nerve, and high reputation of Steller | 219 |
| Course pursued by fur-seals after leaving the Pribilof islands | 62, 64 |
| Courage extended by the Alaska Commercial Company | 319 |
| Cowpox of the seal-fish, quoted regarding the walrus (note) | 95 |
| Cowpox of the seal-fish, quoted regarding the walrus (note) | 95 |
| Cow-seal, description of the | 94 |
| Cow-seals, behavior of the, on the rockeries | 39 |
| Cow-seals, treatment of the, by the bulls | 39, 40 |
| Cows and yaps, Insects and sickness among the | 38 |
| Cows, fur-seal, influence of the, toward their young | 58 |
| Creature comforts of the people of the Pribilof islands (note) | 161 |
| Custom of the seal-fish, quoted concerning the walrus (note) | 97 |
| Custom of the seal-fish, quoted concerning the walrus (note) | 97 |
| Custom of the seal-fish, quoted concerning the walrus (note) | 97 |
| Custom of the seal-fish, quoted concerning the walrus (note) | 97 |
| Curious derivation of natives' names (note) | 160 |
| Customs and manners of the Alcutes of the Pribilof Islands | 24, 25 |

### Digest of data regarding the fur-seal rookeries of the South Atlantic and Pacific, and number of skins taken therefrom |

| Page |
| 117-124 |

### Discussions and contour of the Pribilof islands |

| Page |
| 15-17 |

### Discovery of the Pribilof islands |

| Page |
| 22 |

### Discovery of the Pribilof islands, Veniaminov's account of the |

| Page |
| 145-148 |

### Discussion of seal-life on the Pribilof islands |

| Page |
| 24-28 |

### Discussion of the methods of the Alaska Commercial Company |

| Page |
| 35, 37 |

### Discussion of the orthography of certain names |

| Page |
| 101, 102 |

### Disorganization of the rookeries |

| Page |
| 40, 41 |

### Distribution, geographical, of the fur-seal |

| Page |
| 95 |

### Distribution, geographical, of the walrus |

| Page |
| 96 |

### Distribution of the fur-seal, law of |

| Page |
| 49, 50 |

### Distribution of the fur-seal, peculiarities of |

| Page |
| 6 |

### Doffcy of fur-seal skins when driven |

| Page |
| 71 |

### Dress, fondness of the Alcutes for the Pribilof islands for |

| Page |
| 21, 22 |

### Dressing fur-seal skins, Americans cannot compete with the English in |

| Page |
| 80 |

### Dressing fur-seal skins, method of |

| Page |
| 151 |

### Dressing walrus and sea-lion hides, manner of |

| Page |
| 99 |

### Dressing walrus hides, manner of (note) |

| Page |
| 94 |

### Driving, killing, and skinning of seals, description of the |

| Page |
| 90, 91 |

### Driving the seals has no effect on hauling (note) |

| Page |
| 80, 81, 82 |

### Drying fur-seal skins, remarks on |

| Page |
| 83 |

### Early accounts of the walrus of Bering sea |

| Page |
| 101 |

### Early authorities on the appearance of the fur-seal, reference to |

| Page |
| 119 |

### Early disposal of sea-lions on Saint George island |

| Page |
| 86, 89 |

### Early English and American fur-traders |

| Page |
| 79 |

### Early trade, fur-seals not known to the |

| Page |
| 78, 88 |

### Economic use of the seal, remarks on the |

| Page |
| 91, 92 |

### Economic value of the skins, oil, and flesh of the fur-seal |

| Page |
| 88, 89 |

### Economic value of the water-fowl of the Pribilof islands |

| Page |
| 155, 156 |

### Educational and religious advantages on Saint George and Saint Paul islands |

| Page |
| 29, 34 |

### Education and religion on Bering island |

| Page |
| 319 |

### Education and school attendance on Saint George and Saint Paul islands |

| Page |
| 106 |

### Effect of changes in the weather upon fur-seals |

| Page |
| 47 |

### Effect of fear on the eyes of fur-seals (note) |

| Page |
| 73 |

### Effects of heat on fur-seals |

| Page |
| 16 |

### Elevation of Otter island |

| Page |
| 106 |

### Elevations of Saint George and Saint Paul islands |

| Page |
| 15, 19 |

### Employed of the Alaska Commercial Company |

| Page |
| 106 |

### Enumerating fur-seals, method of, and general accuracy of the results |

| Page |
| 104 |

### Enumeration of the seal-gounds of the southern hemisphere |

| Page |
| 6, 7 |

### Enumeration of the various species of seals |

| Page |
| 73, 78 |

### Eroneous ideas in regard to fur-seal skins |

| Page |
| 118 |

### Escape of the survivors of Bering's expedition |

| Page |
| 62 |

### Estimates of number of seals on Saint George island, recapitulation of |

| Page |
| 67 |

### Estimates of number of seals on Saint Paul island, recapitulation of |

| Page |
| 97 |

### Estimates of number of seals on the rookeries of Saint George island |

| Page |
| 56, 61 |

### Estimates of number of seals on the rookeries of Saint Paul island |

| Page |
| 51, 56 |

### Eumetopias and Zalophias, differences between |

| Page |
| 58 |

### Excellence of the flesh and immune size of the polar bears of St.

### Matthew island |

| Page |
| 118, 117 |

### Experiments with the fur-seal |

| Page |
| 21 |

### Explanation of terms used in the description of fur-seals (note) |

| Page |
| 23 |

### Explorer, Russian, search of, for sea-otters and seals |

| Page |
| 8 |

### Extent of human protection of fur-seals |

| Page |
| 166 |

### Examination of the seal-gounds in the southern hemisphere, extent of |

| Page |
| 73 |

### Eyes of fur-seals, effect of fear on the eyes of fur-seals (note) |

| Page |
| 73 |

### Eyes of the sea-lion, description of the |

| Page |
| 64 |

### Eyes of young fur-seals, description of the |

| Page |
| 44 |

### Failure of the barometer in Bering sea |

| Page |
| 150 |

### Falalake islands, abundance of sealing data regarding |

| Page |
| 126, 128 |

### Falalake islands, breeding grounds of the fur-seal on the |

| Page |
| 129 |

### Falalake islands, discovery of the |

| Page |
| 7 |

### Falalake islands, natural protection to the fur-seal offered by the |

| Page |
| 138 |

### Familiar flowering plants of the Pribilof islands |

| Page |
| 90, 91 |

### Famiris, Russian, record of the number of fur-seals taken on the, from |

| Page |
| 134, 135 |

### Feasting of male fur-seals at the rockeries |

| Page |
| 13, 19 |

### Features, geological and topographical, of Saint George island |

| Page |
| 13, 19 |
INDEX TO REPORT ON THE FUR-SEAL ISLANDS.

| Features, principal, of Easter island, description of | 10, 17 |
| Features, topographical, of Saint Paul island | 15, 16, 18 |
| Features, topographical, of Walton island | 17 |
| Polynesian names in various languages | 47 |
| Female fur-seals on the rookeries, behavior of | 37 |
| Female fur-seals, original source of error in regard to nudity of | 167 |
| Female, proportion of, to males among breeding seals | 50 |
| Sight between seal-ion bulls, description of | 84, 85 |
| Final notes relative to the value, protection, and growth of the fur-seal | 165-171 |
| Wah, trachion of, in the south Pacific, on the production of | 198, 199 |
| Wah of the western Belcher island | 113 |
| Wah, scarcity of, in the waters of the Pribilof islands due to the presence of seals | 14 |
| Dishes and birds of the Pribilof islands | 14 |
| Dishes of the Pribilof group, catalogue of | 136, 137 |
| Flesh of fur-seals, half-seals, and sea-lions as an article of diet | 75 |
| Flesh, oil, and skins of the fur-seal, economic value of | 80-85 |
| Flora and vegetation of Bering island | 132, 133 |
| Flora and vegetation of Saint Matthew island | 110 |
| Flowering plants and grasses of the Pribilof islands | 11, 12 |
| Fish and game of the Pribilof islands due to warm ocean currents | 9, 10 |
| Fish and food of young seals | 88 |
| Food consumed by fur-seals, varieties and kinds of | 94, 95 |
| Food, kind and amount of, consumed by the Pribilof fur-seals | 23, 24, 102 |
| Food, manner of preparing the flesh of the pinnipeds for | 75 |
| Foot of the natives of the seal-islands and their manner of cooking | 79 |
| Food, pelagic range of fur-seals in search of | 85 |
| Former publications of the author, mention of | 1, 166 |
| Foxes of Saint George and Saint Paul islands | 13 |
| Fragile character of the bones of the fur-seal | 82 |
| First, first traffic between America and China in | 78 |
| Fur-seal, breeding grounds of the, on the Falkland islands | 8 |
| Fur-seal breeding season, close of the | 39 |
| Fur-seal business in the Bering Sea, Pacific, statistics of the | 117-121 |
| Fur-seal industry on the island of the, by the Russians | 75, 88 |
| Fur-seal cows and pups, disease and mortality among the | 26, 40 |
| Fur-seal cows, insufficiency of, toward their young | 38 |
| Fur-seal, Dampier the first to note the | 123 |
| Fur-seal, description of an adult male | 29, 30 |
| Fur-seal, description of the blubber of the | 74, 75 |
| Fur-seal, description of the valves of the | 36, 36 |
| Fur-seal, skin, quality of the, and treatment of | 165-171 |
| Fur-seal, geographical distribution of the | 6-9 |
| Fur-seal industry of the Pribilof islands from 1897 to 1898, inclusive, statistics and discussion of | 70 |
| Fur-seal industry of the Russians on the Pribilof islands, history and statistics of the | 146-149 |
| Fur-seal industry on the Commander islands (note) | 159 |
| Fur-seal industry on the Marshall islands, current conditions since 1868, statistics from the | 176, 176 |
| Fur-seal islands, discovery of, by Pribilof | 8, 9 |
| Fur-seal killing-gang, methods of the | 72, 73 |
| Fur-seal killing grounds on Saint George and Saint Paul islands, description of the | 83 |
| Fur-seal killing grounds, method of taking from the, and the value of | 91 |
| Fur-seal life, history of the | 29-52 |
| Fur-seal meat, medical use of, by Alaskan natives | 75 |
| Fur-seal, natural protection to the, afforded by the Falkland islands | 7 |
| Fur-seal, odor of the blubber of the | 74 |
| Fur-seal oil, annual production of | 81 |
| Fur-seal oil, quality of the | 65 |
| Fur-seal oil market, remarks on the condition of the | 65, 66 |
| Fur-seal, probability of the distribution of the | 0 |
| Fur-seal, peculiarities of the heart and lungs of the | 78 |
| Fur-seal peltries, sketch of the Russia-China trade in | 78, 79 |
| Fur-seal, physical features and characteristics of the | 20, 30, 35, 59 |
| Fur-seal, power of scent possessed by the | 41 |
| Fur-seal pups, habits of | 30, 59 |
| Fur-seal pups, habits of | 40, 62 |
| Fur-seal pups, ability of | 40, 62 |
| Fur-seal, reference to the observations of Dr. Murre regarding the anatomy of the (note) | 70 |
| Fur-seal, remains of the on the coast of | 41, 42 |

---

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fur-seal rookeries, Arctic and Antarctic, physical contrast between</td>
</tr>
<tr>
<td>Fur-seal rookeries, close of the breeding season and disorganization of the</td>
</tr>
<tr>
<td>Fur-seal rookeries, derived from the, in the northern hemisphere</td>
</tr>
<tr>
<td>Fur-seal rookeries of Saint George island, physical features of the</td>
</tr>
<tr>
<td>Fur-seal rookeries of Saint George and Saint Paul islands, description of the</td>
</tr>
<tr>
<td>Fur-seal rookeries of Saint George and Saint Paul islands in 1872, 1876, and 1879, memorandum regarding the condition of the</td>
</tr>
<tr>
<td>Fur-seal rookeries of Saint George and Saint Paul islands, need of careful yearly examination of the</td>
</tr>
<tr>
<td>Fur-seal rookeries of Saint George and Saint Paul islands, surveyed plots of the</td>
</tr>
<tr>
<td>Fur-seal rookeries of Saint George island, review of the</td>
</tr>
<tr>
<td>Fur-seal rookeries of Saint Paul island, physical features of the</td>
</tr>
<tr>
<td>Fur-seal rookeries of Saint Paul island, review of the</td>
</tr>
<tr>
<td>Fur-seal rookeries of the South Atlantic and Pacific, and number of skins taken therefrom, digest of data regarding</td>
</tr>
<tr>
<td>Fur-seal rookeries of the southern oceans, completeness of records regarding the</td>
</tr>
<tr>
<td>Fur-seal rookeries, origin of the</td>
</tr>
<tr>
<td>Fur-seal rookeries, sites of abandoned</td>
</tr>
<tr>
<td>Fur-seal rookeries, yearly changes in the</td>
</tr>
<tr>
<td>Fur-seal rookery of the island of Monterey</td>
</tr>
<tr>
<td>Fur-seal rookery on Bering island, inspection of the</td>
</tr>
<tr>
<td>Fur-seal skins, Americans cannot compete with the English in dressing</td>
</tr>
<tr>
<td>Fur-seal skins, description of the manner of caring in early times (note)</td>
</tr>
<tr>
<td>Fur-seal skins, erroneous ideas in regard to</td>
</tr>
<tr>
<td>Fur-seal skins, manner of caring for and shipping</td>
</tr>
<tr>
<td>Fur-seal skins, method of dressing</td>
</tr>
<tr>
<td>Fur-seal skins, permanent value of the</td>
</tr>
<tr>
<td>Fur-seal skins, reason why, are all sold in London</td>
</tr>
<tr>
<td>Fur-seal skins, remarks on drying</td>
</tr>
<tr>
<td>Fur-seal skins taken for shipment from the Commander islands from 1893 to 1896, number of</td>
</tr>
<tr>
<td>Fur-seal skins taken from the Pribilof and Commander islands for sale and shipments from 1897 to 1899, number of</td>
</tr>
<tr>
<td>Fur-sealing, pelagic, a recent enterprise</td>
</tr>
<tr>
<td>Fur-sealing, altitude and horizontalities among</td>
</tr>
<tr>
<td>Fur-seals, amount and kind of food consumed by</td>
</tr>
<tr>
<td>Fur-seals and hair-seals, points of difference between</td>
</tr>
<tr>
<td>Fur-seals and sea-lions infected by intestinal worms</td>
</tr>
<tr>
<td>Fur-seals and sea-lions, bones found in the stomachs of</td>
</tr>
<tr>
<td>Fur-seals, annual catch of, on Saint George and Saint Paul islands for ten years</td>
</tr>
<tr>
<td>Fur-seals, arrows, bullets, etc., found in the hides of</td>
</tr>
<tr>
<td>Fur-seals at the breeding grounds, time of arrival of</td>
</tr>
<tr>
<td>Fur-seals at the rookeries, habits of</td>
</tr>
<tr>
<td>Fur-seals, attitudes and coloration of</td>
</tr>
<tr>
<td>Fur-seals, behavior of, at night</td>
</tr>
<tr>
<td>Fur-seals, Bering and Copper islands, of the Commander group, well suited to</td>
</tr>
<tr>
<td>Fur-seals, boldness of, when congregated on land</td>
</tr>
<tr>
<td>Fur-seals, change in the pelage of</td>
</tr>
<tr>
<td>Fur-seals, classification of</td>
</tr>
<tr>
<td>Fur-seals, course pursued by, after leaving the Pribilof islands</td>
</tr>
<tr>
<td>Fur-seals, definition of terms applied to (note)</td>
</tr>
<tr>
<td>Fur-seals, description of the battles of</td>
</tr>
<tr>
<td>Fur-seals, description of the eyes of the young</td>
</tr>
<tr>
<td>Fur-seals, description of the manner of taking</td>
</tr>
<tr>
<td>Fur-seals, description of the mode of skinning</td>
</tr>
<tr>
<td>Fur-seals, facilities of, when driven</td>
</tr>
<tr>
<td>Fur-seals, economic value of the oil, skins, and flesh of</td>
</tr>
<tr>
<td>Fur-seals, effect of changes in the weather upon</td>
</tr>
<tr>
<td>Fur-seals, effect of fear on the eyes of (note)</td>
</tr>
<tr>
<td>Fur-seals, effect of heat on</td>
</tr>
<tr>
<td>Fur-seals, eligibility of the Pribilof islands for breeding-grounds of</td>
</tr>
<tr>
<td>Fur-seals, enumeration and description of the resarts of, in the southern hemisphere</td>
</tr>
<tr>
<td>Fur-seals, extent of human protection of</td>
</tr>
<tr>
<td>Fur-seals, feting of, at the rookeries</td>
</tr>
<tr>
<td>Fur-seals, fragile character of the bones of</td>
</tr>
<tr>
<td>Fur-seals, gradualness of the fur of</td>
</tr>
<tr>
<td>Fur-seals, habits of</td>
</tr>
</tbody>
</table>
INDEX TO REPORT ON THE FUR-SEAL ISLANDS

Fur-seals, hair-seals, and sea-lions, flesh of, as an article of diet
Fur-seals, the breeding grounds of (note)...
Fur-seals, high order of instinct possessed by...
Fur-seals, increase in numbers of...
Fur-seals, inactivity of, to cartoon sounds, blood, etc...
Fur-seals in 1830, mortality among...
Fur-seals in sleep on land, description of...
Fur-seals in the future, remarks on the increase and diminution of...
Fur-seals in the southern hemisphere, extent of the extermination of...
Fur-seals in the southern hemisphere, former abundance of...
Fur-seals in the waters around the islands, behavior of...
Fur-seals, investigations of Lieutenant Maynard regarding the...
Fur-seals, killing of, by the Russians located at Bodega or Ross, California (note)...
Fur-seals, kinds of weapons used in killing and skinning...
Fur-seals, legends of the rockeckers influenced by the direction of the wind...
Fur-seals, law of distribution of...
Fur-seals, manner of killing...
Fur-seals, method of Aleuts in skinning...
Fur-seals, method of land travel of...
Fur-seals, natural enemies of...
Fur-seals never found south of the sixty-fourth parallel of latitude...
Fur-seals, noises made by, on the breeding-grounds a guide to navigators...
Fur-seals not known to the early trade...
Fur-seals of Alaska, American ignorance in 1867 of the value of the...
Fur-seals on land and in the water, description of the movements of...
Fur-seals on land, attitudes of...
Fur-seals on Saint George and Saint Paul islands, Russian records regarding the number of...
Fur-seals on Saint George island, recapitulation of estimates of the number of...
Fur-seals on Saint George island, tabulated results of surveys of the breeding-grounds of...
Fur-seals on Saint Paul island, recapitulation of estimates of number of...
Fur-seals on Saint Paul island, table of the results of surveys of the breeding-grounds of...
Fur-seals on the Pribilof islands, number and value of...
Fur-seals on the Pribilof islands, Russian waste and slaughter of...
Fur-seals or sea-horses on Bering island...
Fur-seals, parasites of...
Fur-seals, pelage range of, in search of food...
Fur-seals, "pounding" of the young...
Fur-seals, polygamous and angry nature of the male...
Fur-seals, position assumed by, in sleeping on the water...
Fur-seals, position of breeding-grounds and breeding-rookeries of...
Fur-seals, possible infliction of, in the southern hemisphere...
Fur-seals, possible destruction of, in feeling...
Fur-seals, possible locomotion of...
Fur-seals, power of resistance to shocks possessed by (note)...
Fur-seals, pro-omission of rookeries by...
Fur-seals, protrusion of, by heat...
Fur-seals, protruded fasting of the male...
Fur-seals, range of, in the North Pacific confined to Saint George, Saint Paul, Bering, and Copper islands...
Fur-seals, range of vision of...
Fur-seals, references to early authorities on the appearance of...
Fur-seals, relative growth, weight, etc, of...
Fur-seals, remarks on experiments made with...
Fur-seals, rookeries of Saint Paul island favored by...
Fur-seals, Saint Lawrence and Saint Matthew islands not inhabited by...
Fur-seals, Saint Matthew island and Saint Lawrence islands not frequented by...
Fur-seals, Saint Matthew island not favorable to the landing of...
Fur-seals, second change of coat by the young...
Fur-seals, sharks and killer-whales the natural enemies of...
Fur-seals, shedding of the hair of, from blood-feeding...
Fur-seals, size and weight of the adult male...
Fur-seals, skill at selecting their rookery grounds...
Fur-seals slain, etc, on the Pribilof islands for the year ending July 20, 1881, number of...
Fur-seals, statistics of, and remarks on the killing of, at points other than the Pribilof islands (note)...
Fur-seals, strength and courage of the male...
Fur-seals, subabsence of old male (note)...
Fur-seals taken on the Farallones from 1824 to 1884, Russian record of the number of (note)...

Fur-seals, the Pribilof islands the favorite breeding-grounds of...
Fur-seals, vitality of...
Fur-seals, weight and condition of the skin of, at from one year to seven years of age and upward...
Fur-seals, weight, size, and growth of...
Fur-sealers, early English and American...

G.

Gastronomic qualities of walrus meat...
Gastronomic value of the eggs of the water-fowl of the Pribilof islands...
General uses of the various parts of the sea-lion...
Gentleness of the holuchsickie or bachelor seal...
Geographical distribution of the fur-seal...
Geographical distribution of the waters of Alaska...
Geographical distribution of the waters of the Bering Sea...
Geographical position of Otter island...
Geographical position of the Pribilof islands...
Geographical position of Walrus island...
Geological and topographical features of Saint George island...
Geological structure of the Pribilof islands...
Geese quoted regarding the walrus (note)...
Glacial exhibits on Saint Matthew island...
Great, medium, and small fur-seals...
Great size and weight of the walrus...
Great size, weight of the walrus, and the habits of the Pribilof islands mostly attached to the...
Growth, weight, and size of the fur-seal...
Gumna, accumulations of on Walrus island prevented by frequent rains...
<table>
<thead>
<tr>
<th>Index to Report on the Fur-SeaIslands.</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hollischchka or bachelor seals on Saint Matthew Island</td>
<td>110, 117</td>
</tr>
<tr>
<td>Imperfection of walrus ivory</td>
<td>100</td>
</tr>
<tr>
<td>Increase and diminution of fur-seals in the future, remarks on</td>
<td>105</td>
</tr>
<tr>
<td>Exterior and description of the seals of the</td>
<td>65, 67</td>
</tr>
<tr>
<td>Observations on the fur-seals of the</td>
<td>60, 63, 67</td>
</tr>
<tr>
<td>Intestines of the seal, peculiar value of the</td>
<td>91, 92</td>
</tr>
<tr>
<td>Intoxication among the natives of Alaska, prevalence of (note)</td>
<td>100</td>
</tr>
<tr>
<td>Inquests, squaws, of the waters of the Prilivoy islands</td>
<td>13, 15</td>
</tr>
<tr>
<td>Inquests, squaws, of the waters of the Prilivoy Islands</td>
<td>137</td>
</tr>
<tr>
<td>Investigations of Lieutenant Maynard, synopsis of the</td>
<td>102-108</td>
</tr>
<tr>
<td>Island of Juan Fernandez, animals, birds, and fish of the</td>
<td>119</td>
</tr>
<tr>
<td>Island of Juan Fernandez, latitude of the</td>
<td>119</td>
</tr>
<tr>
<td>Island of Juan Fernandez, vegetation of the</td>
<td>220</td>
</tr>
<tr>
<td>Island of Massafera, description of the</td>
<td>121, 222</td>
</tr>
<tr>
<td>Island of Massafera, fur-seals of the</td>
<td>123</td>
</tr>
<tr>
<td>Island of Massafera, latitude and longitude of the</td>
<td>121</td>
</tr>
<tr>
<td>Isolation of the North Pacific rookeries</td>
<td>7, 8</td>
</tr>
<tr>
<td>Kamuihus, Alaskan, or water-proof garment, description of the</td>
<td>92</td>
</tr>
<tr>
<td>Keetavio and Kolinamne rookeries, location, description, and statistics of 60, 63, 67</td>
<td></td>
</tr>
<tr>
<td>Kielchka, the empire of commerce between Russians and Chinas, description of</td>
<td>78</td>
</tr>
<tr>
<td>Kielchka trade in 1837, volume of</td>
<td>78</td>
</tr>
<tr>
<td>Kielcher and Kinske of the</td>
<td>78, 79</td>
</tr>
<tr>
<td>Killing grounds, fur-seals, remarks on the odor from the</td>
<td>63, 64</td>
</tr>
<tr>
<td>Kinds and amount of food consumed by fur-seals</td>
<td>64, 65</td>
</tr>
<tr>
<td>Knowledge possessed by the Russians of the fur-seals business</td>
<td>74, 80</td>
</tr>
<tr>
<td>Lagoon and Nul Spool rookeries, location, description, and statistics of</td>
<td>101, 102, 103</td>
</tr>
<tr>
<td>Land and seacoast of Saint Pythe</td>
<td>15, 16, 158</td>
</tr>
<tr>
<td>Land travel of fur-seals method of</td>
<td>79</td>
</tr>
<tr>
<td>Land travel of the seal</td>
<td>85</td>
</tr>
<tr>
<td>Landings selected by the whaler here, description of</td>
<td>93</td>
</tr>
<tr>
<td>Latitude and longitude of the island of Massafera</td>
<td>121</td>
</tr>
<tr>
<td>Latitude and longitude of the Prilivoy Islands</td>
<td>102, 145</td>
</tr>
<tr>
<td>Latitude of the island of Juan Fernandez</td>
<td>119</td>
</tr>
<tr>
<td>Jaw of distribution of fur-seals</td>
<td>90, 91</td>
</tr>
<tr>
<td>Law protecting the seal-islands</td>
<td>156, 161</td>
</tr>
<tr>
<td>Lease of Saint George and Saint Paul Islands to the Alaska Commercial Company</td>
<td>109, 110, 111</td>
</tr>
<tr>
<td>Legislation of Congress with reference to fur-seals</td>
<td>127</td>
</tr>
<tr>
<td>Location of the seal-islands, interests of the, identical with those of the government</td>
<td>20, 39-42</td>
</tr>
<tr>
<td>Life history of the fur-seal</td>
<td>20-29</td>
</tr>
<tr>
<td>Life history of the sea-lion</td>
<td>84-86</td>
</tr>
<tr>
<td>Life history of the walrus</td>
<td>96-101</td>
</tr>
<tr>
<td>List of names of native residents of Saint Paul Island July 1, 1870 (note)</td>
<td>108-109</td>
</tr>
<tr>
<td>Lists of facts of the fur-seals of the</td>
<td>127-128</td>
</tr>
<tr>
<td>Little and Great Eastern rookeries, location, description, and statistics of</td>
<td>61</td>
</tr>
<tr>
<td>Location and description of Saint Paul village (note)</td>
<td>83</td>
</tr>
<tr>
<td>Location, description, and statistics of Grubotsch rookery</td>
<td>81, 87</td>
</tr>
<tr>
<td>Location, description, and statistics of Lagoon and Nul Spool rookeries</td>
<td>53, 54, 57</td>
</tr>
<tr>
<td>Location, description, and statistics of Little and Great Eastern rookeries</td>
<td>61</td>
</tr>
<tr>
<td>Location, description, and statistics of Lukskomen and Kestavie rookeries</td>
<td>60, 67</td>
</tr>
<tr>
<td>Location, description, and statistics of North rookery</td>
<td>60, 61</td>
</tr>
<tr>
<td>Location, description, and statistics of Novastavina or Northeast Point rookery</td>
<td>56, 67</td>
</tr>
<tr>
<td>Location, description, and statistics of Polavina rookery</td>
<td>56-57</td>
</tr>
<tr>
<td>Location, description, and statistics of Puffin rookery</td>
<td>56, 57</td>
</tr>
<tr>
<td>Location, description, and statistics of Puffin rookery</td>
<td>56, 57</td>
</tr>
<tr>
<td>Location, description, and statistics of Tukoloi rookery</td>
<td>54, 55, 57</td>
</tr>
<tr>
<td>Location, description, and statistics of Zarapin rookery, on Saint George Island</td>
<td>58, 59, 61</td>
</tr>
<tr>
<td>Location, description, and statistics of Zacapio rookery, on Saint Paul Island</td>
<td>54, 55, 56</td>
</tr>
<tr>
<td>Location, description, and statistics of the Holyhead</td>
<td>57</td>
</tr>
<tr>
<td>Location, description, and statistics of the Holyhead</td>
<td>57</td>
</tr>
<tr>
<td>Loss of life among young seals</td>
<td>63, 64</td>
</tr>
<tr>
<td>Loungthait the native name for air-dried seal pulp (note)</td>
<td>60</td>
</tr>
<tr>
<td>Lukskomen and Kestavie rookeries, location, description, and statistics of</td>
<td>53, 54, 57</td>
</tr>
<tr>
<td>Male and female seals, comparative size of</td>
<td>40</td>
</tr>
<tr>
<td>Male fur-seals at the rookeries, proportioning fasting of</td>
<td>34, 35, 103</td>
</tr>
<tr>
<td>Male fur-seals, polygamous and angry nature of</td>
<td>103</td>
</tr>
<tr>
<td>Male, proportion of, to females among breeding seals</td>
<td>50</td>
</tr>
<tr>
<td>Mammas, land, of Saint George and Saint Paul Islands</td>
<td>12, 13</td>
</tr>
<tr>
<td>Mammas of the Prilivoy group, catalogue of the</td>
<td>124, 125</td>
</tr>
<tr>
<td>Manner in which the killing of sea-lions is conducted</td>
<td>21</td>
</tr>
<tr>
<td>Manner of curing for and shiping fur-seal skins</td>
<td>76, 77</td>
</tr>
<tr>
<td>Manner of procuring the number of seals</td>
<td>45, 56</td>
</tr>
<tr>
<td>Manner of curing fur-seal skins in early times, description of (note)</td>
<td>76, 77</td>
</tr>
<tr>
<td>Manner of dressing walrus hides (note)</td>
<td>84</td>
</tr>
<tr>
<td>Manner of dressing walrus and sea-lion hides</td>
<td>89</td>
</tr>
<tr>
<td>Manner of killing fur-seals</td>
<td>75, 76</td>
</tr>
<tr>
<td>Manner of preparing the seals of the mepaninga for food</td>
<td>76, 77</td>
</tr>
<tr>
<td>Manner of taking seals, description of</td>
<td>76, 77</td>
</tr>
<tr>
<td>Manners and customs of the Alunts of the Prilivoy islands</td>
<td>21, 23</td>
</tr>
<tr>
<td>Manufacture of boats by the natives, preparation of walrus hides for use in the</td>
<td>90</td>
</tr>
<tr>
<td>Marin &quot;mest cattle,&quot; description of</td>
<td>110, 111</td>
</tr>
<tr>
<td>Massafera, description of the island of</td>
<td>121, 105</td>
</tr>
<tr>
<td>Massafera, fur-seal rookery of the island of</td>
<td>121</td>
</tr>
<tr>
<td>Massafera, latitude and longitude of the island of</td>
<td>121</td>
</tr>
<tr>
<td>Maynard, Lieutenant, synopsis of the investigations of</td>
<td>102-108</td>
</tr>
<tr>
<td>Measure, weight, and value of</td>
<td>175, 176</td>
</tr>
<tr>
<td>Medical use of fur-seal meat by the Alaskan natives</td>
<td>70</td>
</tr>
<tr>
<td>Memoir on the health of the seal-islands</td>
<td>114, 115</td>
</tr>
<tr>
<td>Memoir on the condition of the fur-seal rookeries of Saint George and Saint Paul Islands in 1873, 1874, and 1875</td>
<td>67, 68</td>
</tr>
<tr>
<td>Mention of former publications by the author</td>
<td>6, 76</td>
</tr>
<tr>
<td>Meteorological observations on Saint Paul Island from September, 1872, to April, 1873, inclusive</td>
<td>140, 144</td>
</tr>
<tr>
<td>Meteorological observations on the Prilivoy islands</td>
<td>140, 144</td>
</tr>
<tr>
<td>Meteorology of the Prilivoy islands</td>
<td>140, 144</td>
</tr>
<tr>
<td>Method of Alaska in skinning fur-seals</td>
<td>78, 74</td>
</tr>
<tr>
<td>Method of dressing fur-seal skins</td>
<td>151</td>
</tr>
<tr>
<td>Method of land travel of fur-seals</td>
<td>79</td>
</tr>
<tr>
<td>Method of summering practiced by the sea-lion</td>
<td>87</td>
</tr>
<tr>
<td>Methods of and preparations for sea-lion driving on Saint Paul Island</td>
<td>89, 98, 104</td>
</tr>
<tr>
<td>Methods of constructing fur-seals and general accuracy of the results</td>
<td>66, 67</td>
</tr>
<tr>
<td>Methods of the Alaska Commercial Company, discussion of the</td>
<td>66, 67</td>
</tr>
</tbody>
</table>
INDEX TO REPORT ON THE FUR-SEAL ISLANDS. 183

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methods of the fur-seal killing-gang</td>
</tr>
<tr>
<td>Misses and foes of the Pribilyov islands</td>
</tr>
<tr>
<td>Mode of capture of the seal-ion, description of the</td>
</tr>
<tr>
<td>Mode of skins, description of the</td>
</tr>
<tr>
<td>Money, parchments made from walrus hide used as (note)</td>
</tr>
<tr>
<td>Monstrous tails and albino among the seals</td>
</tr>
<tr>
<td>Morgan, Captain Ebenezer, and H. M. Hutchinson promoters of the</td>
</tr>
<tr>
<td>Mortality among the seals in 1876</td>
</tr>
<tr>
<td>Movements and range of the seals</td>
</tr>
<tr>
<td>Movements of the seal on land and in the water</td>
</tr>
</tbody>
</table>

N.

Nab Speed and Lagoon rookeries, location, description, and statistics of... | 51, 59, 97 |
| Names and values of Russian coats | 375, 376 |
| Names of resident natives of Saint Paul island | 71, 72, 158-160 |
| Native methods of cooking, description of | 107 |
| Native seals, prices paid by the American Company to | 107 |
| Native, amiable characteristic of the | 107 |
| Native, behavior of the, when injured | 70 |
| Native, in the water | 70 |
| Native, killed by the American Company | 24 |
| Native of the Pribilyov islands, description and discussion of the | 19-24 |
| Native, price received by, for their labor in sealing | 77 |
| Native, use of the flesh of the seal in making medicine by the | 70 |
| Natural enemies of fur-seals | 63, 64 |
| Natural history of the seal in the fur-seal | 128 |
| Necessity for the presence of a government vessel in the Alaskan waters | 167, 168 |
| Neglect of fur-seal breeding-grounds by Chil | 122 |
| Nephological and auroral phenomena | 11 |
| Notes made by fur-seals on the breeding grounds a guide to navigators | 34 |
| Nomenclature of the fur-seal rookeries, derivation of the | 104 |
| Noticables in regard to the Russian seal-lands | 180-193 |
| Northeast Point, or Novastushnii rookery, location, description, and statistics of | 55, 97 |
| North Pacific rookeries, isolation of the | 7, 8 |
| North rookery, location, description, and statistics of | 69, 61 |
| Notes on the investitures of the Pribilyov islands | 137 |
| Notes on the plants of the Pribilyov islands | 288-310 |
| Novastushnii, or Northeast Point rookery, the largest on Saint Paul island | 55 |
| Novastushnii, or Northeast Point rookery, the largest on Saint Paul island | 56 |
| Nudity of female fur-seals, origin of error in regard to the | 167 |
| Number and condition of the people of Saint George and Saint Paul islands in 1880 | 104 |
| Number and condition of the people of Saint George and Saint Paul islands since 1870 | 105 |
| Number and value of fur-seals on the Pribilyov islands | 68 |
| Number and value of seal and other skins taken by the Russian-American Company on the Pribilyov islands in 1883 | 165 |
| Number of fur-seal rookeries on Saint George and Saint Paul islands | 269 |
| Number of fur-seals taken from the Pribylov and Commander islands for seal and shipbuilding from 1797 to 1880 | 94 |
| Number of fur-seals, increase in the | 94 |
| Number of fur-seals, skin, etc., on the Pribilyov islands for the year ending July 20, 1881 | 165, 169 |
| Number of seal-ions on the Pribilyov islands, estimate of (note) | 86 |
| Number of seals, importance of knowing the | 104 |
| Number of seals killed on Saint George and Saint Paul islands since 1870 | 105 |
| Number of seals killed on Saint George and Saint Paul islands, number of | 105 |
| Number of seals on Saint George and Saint Paul islands, remarks concerning the | 48, 49 |
| Number of seal-skins secured on Saint Paul island in three years | 28 |
| Number of seal-skins taken by the Russians on the Pribylov islands | 125-140, 147, 148 |

O.

Observation, opportunities of the anchor | 5 |
Observations, meteorological, on the Pribilyov islands | 36 |
Observations of Stellar, reference to the | 5 |
Occupants of the Pribilyov islands, description of the | 19-27 |
Occupation of the Pribilyov islands by American, in 1897-98 | 24, 25 |
Occupations, amusements, etc., of the people of Saint George and Saint Paul islands | 96 |
Oder from the fur-seal killing grounds, remarks on the | 82, 83 |
Oder of the blubber of the fur-seal | 74, 75 |

P.

Pacific, scarcity of hair-seals in the waters of the | 29 |
Packaging seal-skins for shipment | 77 |
Parasites of the fur-seal | 80, 84, 162 |
Parchment made from walrus hide used as money (note) | 97 |
Perry's history of the Atlantic walrus, reference to | 161 |
Peculiarities in habits of the seal | 28, 29 |
Peculiarities of distribution of the fur-seal | 6 |
Peculiarities of the eyes of the walrus | 95 |
Peculiarities of the heart and lungs of the fur-seal | 78 |
Peculiarities, physical, of the walrus | 80, 97 |
Peculiar value of the intestines of the seal-ion | 91, 93 |
Pelage of fur-seals, changes in the | 41, 40, 71, 74 |
Pelage of fur-seals, a recent enterprise | 89 |
Pelage fur-seals, remarks regarding the birth and appearance of | 166, 197 |
Pelage range of fur-seals in search of food | 65 |
Permanent value of fur-seal skins | 151 |
Phenomena, auroral and nautical | 11 |
Physical appearance of the walrus, description of the | 94 |
Physical contrast between the Arctic and Antarctic fur-seals | 119 |
Physical features and characteristics of the Abas of the Pribylov islands | 21 |
Physical features and characteristics of the fur-seal | 29, 30, 35, 39 |
Physical features of the fur-seal rookeries of Saint George island | 58-61 |
Physical features of the fur-seal rookeries of Saint Paul island | 51-57 |
Physical peculiarities of the seal-ion | 84 |
Physical peculiarities of the walrus | 96, 97 |
Pinnipeds at sea, absence and variability of the (note) | 65 |
Pinnipeds in the water, remarks on the movements of the | 45, 143 |
Plants, flowering, and grasses of the Pribilyov islands | 21, 12 |
Plants of the Pribylov islands, notes on the | 158-160 |
Podling of the young fur-seals | 41 |
Polar bears of Saint Matthew island, immense size and excellence of the flesh of the | 114, 117 |
Polar bears on the Pribylov group | 115 |
Polarian rookery, location, description, and statistics of | 56-57 |
Policy of the Alaska Commercial Company | 107 |
Polygon and the angry nature of male fur-seals | 40 |
Population of Saint George and Saint Paul islands in 1883 | 20 |
Position assumed by fur-seals in sleeping on the water | 84 |
Possible deficiency of fur-seals in feeding | 60 |
Poultry and stock raising on the Pribilyov islands | 15, 14 |
Poultry kept by natives of the Pribylov islands | 120 |
Power and individual possession of seals | 10 |
Power of scent possessed by the fur-seal | 41 |
Powers and privileges of the Russian-American Fur Company | 20, 348 |
Prehistoric range of the walrus | 85, 89 |
Preparation of walrus hide for use in the manufacture of boots by the natives | 99 |
| Previous statements of the author confirmed by agents of the Treasury Department | 6 |
| Trilbylov and Commander Islands, number of furskins taken for sale and shipment from the, from 1797 to 1868 | 70 |
| Trilbylov, Barting, and Copper Islands, advantages offered to the fur-sealers | 20 |
| Trilbylov, discovery of the fur-seal islands by | 8, 9, 158 |
| Trilbylov Islands, agriculture and its possibilities on the | 12 |
| Trilbylov Islands, sign of the | 190 |
| Trilbylov Islands,algae vegetation of the shores of the | 61 |
| Trilbylov Islands, amount of revenue derived from the fur-seal industry on the | 119, 120 |
| Trilbylov Islands, birds, etc., of the | 12, 13, 147 |
| Trilbylov Islands, aquatic invertebrates of the waters of the | 115, 116 |
| Trilbylov Islands, attachment of the natives to the (note) | 101 |
| Trilbylov Islands, attempts to check the slaughter of seals on the | 140, 141 |
| Trilbylov Islands, birds and fishes of the | 14 |
| Trilbylov Islands, castaway birds on the | 129 |
| Trilbylov Islands, catalogue of the birds of the | 220 |
| Trilbylov Islands, catalogue of the fishes of the | 136, 139 |
| Trilbylov Islands, catalogue of the mammals of the | 124, 125 |
| Trilbylov Islands, churches and schools on the | 29, 24 |
| Trilbylov Islands, classification of winds of the | 150 |
| Trilbylov Islands, climate of the | 0, 16, 109 |
| Trilbylov Islands, colonisation of the, by Russians and Aleuts | 19, 20 |
| Trilbylov Islands, consequence of fur-seals leaving the | 63, 94 |
| Trilbylov Islands, creature comforts of the people of the (note) | 191 |
| Trilbylov Islands, description and discussion of the natives of the | 19-24 |
| Trilbylov Islands, description and discussion of the principal features of the | 9-19 |
| Trilbylov Islands, dimensions and contour of the | 15-19 |
| Trilbylov Islands, disappearance in winter of birds of the | 129 |
| Trilbylov Islands, discovery of the | 4, 5, 159 |
| Trilbylov Islands, discovery and statistics of the fur-seal industry of the, from 1797 to 1868, inclusive | 70 |
| Trilbylov Islands, discussion of seal-life on the | 28-33 |
| Trilbylov Islands, discussion regarding the occupants of the | 10-27 |
| Trilbylov Islands, economic value of the water-fowl of the | 126, 128 |
| Trilbylov Islands, eligibility of the, for breeding-grounds of the fur-seal | 69 |
| Trilbylov Islands, establishment of a pharmacy by the United States authorities on the | 75, 76 |
| Trilbylov Islands, estimate of the number of seals on the (note) | 90 |
| Trilbylov Islands, familiar flowering plants of the | 128 |
| Trilbylov Islands, flowering plants and grasses of the | 11, 12 |
| Trilbylov Islands, flora of the | 5, 14 |
| Trilbylov Islands, fondness of the Aleuts for flower dress | 21, 22 |
| Trilbylov Islands, gastronomic value of the eggs of the water-fowl of the (note) | 326 |
| Trilbylov Islands, general discussion and statistics of seal life on the | 28-38 |
| Trilbylov Islands, geographical position of the | 1 |
| Trilbylov Islands, geological and topographical features of the | 15, 16 |
| Trilbylov Islands, geological structure of the | 11 |
| Trilbylov Islands, grand total of fur-seals on the (1873) | 61 |
| Trilbylov Islands, haze-fogs not known on the | 12 |
| Trilbylov Islands, humidity and fogs of the, due to warm ocean currents | 9, 10 |
| Trilbylov Islands, indiscriminate slaughter of seals by the first discoverers of the | 146 |
| Trilbylov Islands, insects of the | 12, 127 |
| Trilbylov Islands, irregularity of periods of change of climate on the | 0 |
| Trilbylov Islands, lack of harbors in the | 10 |
| Trilbylov Islands, land animals of the | 15, 13 |
| Trilbylov Islands, latitude and longitude of the | 102, 145 |
| Trilbylov Islands, list of Russian governors controlling the | 105 |
| Trilbylov Islands, list of the captains of the | 102, 137-138 |
| Trilbylov Islands, luxuriance and variety of the flora-roots of the | 359 |
| Trilbylov Islands, manners and customs of the Aleuts of the | 21, 22 |
| Trilbylov Islands, meteorological observations on the | 15, 146, 150 |
| Trilbylov Islands, no reptiles found in the waters of the | 14, 15 |
| Trilbylov Islands, notes on the invertebrates of the | 337 |
| Trilbylov Islands, on the plants of the | 138-140 |
| Trilbylov Islands, number and value of fur-seals on the | 69 |
| Trilbylov Islands, number and value of seal and other skins taken in 1838 by the Russian-American Company on the | 165 |
| Trilbylov Islands, number of fur-seals slain, etc., for the year ending July 20, 1831, on the | 158, 159 |

**Prices:**

| Prices of furskins, etc., on the | 310 |
| Prices of furskins, etc., on the | 158, 159 |
| Prices paid by the Chinese for fur-seal skins | 70 |
| Prices paid to the native sealer by the Alaska Commercial Company | 107 |
| Progression of a seal drive | 71 |
| Protection of furskins by heat | 34, 73 |
| Protection, growth, and value of the fur-seal, final rates relative to the | 105-171 |
| Protection of fur-seals in the southern hemisphere, possibilities for | 7 |
| Protected fasting of male fur-seals | 8, 9, 103 |
| Publications, former, of the author, mention of | 6, 108 |
| Pups, fur-seal, description and habits of | 38, 90, 103 |

**Quality:**

| Qualities, gastronomic, of walrus meat | 99, 100 |

**Range:**

| Range and movements of the sea-lion | 88 |
| Range of vision of fur-seals | 41 |
| Range, prehistoric, of the walrus | 80, 89 |
| Raw seal-skins, average weight of | 77 |
| Raw seal-skins, description of the mode of curing | 76, 77 |
| Reasons for the presence of a renunciation in Alaska waters | 107, 108 |
| Reasons why fur-seal skins are all sold in London | 89 |
| Reasons why seal-sheathers could not be successfully carried on by the government | 20, 97 |

**Repopulation:**

<p>| Re-population of estimates of number of seals on Saint George Island | 91 |
| Re-population of estimates of number of seals on Saint Paul Island | 97 |
| Roof rookery, location, description, and statistics of the | 50, 51 |
| Roof rookery, the third in importance on Saint Paul Island | 51 |
| Reference to the works of various writers on the walrus | 92, 93 |
| Regulations and organization of the Alaska Commercial Company | 154-155 |
| Relative growth, weight, etc., of fur-seals | 108 |
| Religion and education on Bering island | 110 |
| Religious and educational advantages on Saint George and Saint Paul Islands | 90, 94 |
| Report, glossary of technical terms, etc., used in the | 173-176 |
| Report of Colonel Harrison G. Otis, special Treasury agent, reference to the (note) | 170 |
| Report of Mr. Nordenstam in reference to Bering island, extract from | 170-173 |
| Residents of Saint Paul Island July 1, 1870, list of names of (note) | 126-128 |
| Records of the fur-seal in the southern hemisphere, enumeration and description of | 217 |
| Results, tabulated, of surveys of the breeding-grounds of fur-seals on | 57 |
| Saint Paul Island | 57 |</p>
<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>186</td>
</tr>
</tbody>
</table>

**INDEX TO REPORT ON THE FUR-SEAL ISLANDS.**

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saint Paul Island, hospital, etc., sustained by the Alaska Commercial Company</td>
</tr>
<tr>
<td>Saint Paul Island, immense numbers of seals on the haul-out ground of</td>
</tr>
<tr>
<td>Saint Paul Island, insects of</td>
</tr>
<tr>
<td>Saint Paul Island, land and scenery of</td>
</tr>
<tr>
<td>Saint Paul Island, list of names of natives residents of July 1, 1870 (note)</td>
</tr>
<tr>
<td>Saint Paul Island, location, description, and statistics of the fur-seal rookeries of</td>
</tr>
<tr>
<td>Saint Paul Island, location, description, and statistics of Zavandula rookery on</td>
</tr>
<tr>
<td>Saint Paul Island, meteorological observations on</td>
</tr>
<tr>
<td>Saint Paul Island, number of native residents of</td>
</tr>
<tr>
<td>Saint Paul Island, number of seal-skins secured in three years on</td>
</tr>
<tr>
<td>Saint Paul Island, osteological remains of proterodeo pliopods on</td>
</tr>
<tr>
<td>Saint Paul Island, physical characteristics of the fur-seal rookeries of</td>
</tr>
<tr>
<td>Saint Paul Island, preparation for and methods of seal-hunting on</td>
</tr>
<tr>
<td>Saint Paul Island, recapitulation of estimates of the number of seal</td>
</tr>
<tr>
<td>Saint Paul Island, remarks on the fur-seal rookeries of</td>
</tr>
<tr>
<td>Saint Paul Island, remarks on the economic fur-seal</td>
</tr>
<tr>
<td>Saint Paul Island, sand-dunes of, covered with a luxuriant growth of grass</td>
</tr>
<tr>
<td>Saint Paul Island, sea-lion rookeries of</td>
</tr>
<tr>
<td>Saint Paul Island, temperatur</td>
</tr>
<tr>
<td>Saint Paul Island, topographical features of</td>
</tr>
<tr>
<td>Saint Paul Island, what caused the death of</td>
</tr>
<tr>
<td>Saint Paul Island, village, location and description of (note)</td>
</tr>
<tr>
<td>Sandwich Islands, Bacon's attempt to secure the</td>
</tr>
<tr>
<td>Sanitary advancement of the natives under the influence of the Alaska Commercial Company</td>
</tr>
</tbody>
</table>

**Scantiness of records regarding the fur-seal rookeries of the southern oceans.** | 137

**Scanty molluscan representation on the seal islands.** | 137

**Secrecy and land of Saint Paul Island.** | 15, 16, 113

**School attendance and education on Saint George and Saint Paul Islands.** | 106

**Schools and churches on the Pribilof Islands.** | 23, 24

**Sea-beans or fur-seals on Portland Island.** | 111, 122

**Sea-beans and fur-seals on Porpoise Island.** | 114, 131

**Sea-cow, value of the, as an article of food.** | 113

**Sea-lion and walrus hides, manner of dressing.** | 69

**Sea-lion bells, description of a fight between.** | 84, 85

**Sea-lion, coloration of the.** | 87, 88

**Sea-lion, description of the eyes and teeth of.** | 84

**Sea-lion, description of the mode of capture of.** | 86

**Sea-lion, description of the voice of.** | 99

**Sea-lion, value of the, as an article of food.** | 111

**Sea-lion, walrus, manner of dressing.** | 69

**Sea-lion, bells, description of a fight between.** | 84, 85

**Sea-lion, coloration of the.** | 87, 88

**Sea-lion, description of the eyes and teeth of.** | 84

**Sea-lion, description of the mode of capture of.** | 86

**Sea-lion, description of the voice of.** | 99

**Sea-lion, value of the, as an article of food.** | 111

**Sea-lion, walrus, manner of dressing.** | 69

**Sea-lion, peculiar value of the intestines of.** | 91, 92

**Sea-lion, physical organization of the.** | 84

**Sea-lion, range and movements of the.** | 88

**Sea-lion, remarks on the diet of the.** | 92

**Sea-lion, remarks on the diet of the.** | 92

**Sea-lion, rookeries of Saint Paul Island.** | 90

**Sea-lion, rookeries, organization of.** | 79

**Sea-lion rookery on Saint George Island, description of.** | 83

**Sea-lion, shedding of the hair by the.** | 87, 88

**Sea-lion, shyness and cowardice of the.** | 85

**Sea-lion, weight of the.** | 83, 95

**Sea-lion skins of little commercial value.** | 97

**Sea-lion, Steller's account of the cowardice of the (note) | 85

**Sea-lions and fur-seals infested by intestinal worms.** | 35

**Sea-lions and fur-seals, stones found in the stomachs of.** | 35

**Sea-lions, description of manner of killing.** | 61

**Sea-lions, description of the behavior of, when surprised.** | 89

**Sea-lions, food and growth of young.** | 86

**Sea-lions in the coral, behavior of.** | 90

**Sea-lions not so numerous as fur-seals.** | 85

**Sea-lions on Saint George Island, early disposition of.** | 88, 89

**Sea-lions on the Pribilof Islands, estimate of the number of (note).** | 86

**Sea-lions, Saint George Island a resort of.** | 18

**Sea-lions, time of arrival of, on the breeding grounds.** | 85

**Sea-otters and seals, search of Russian explorers for.** | 8

**Seaweed of the Pribilof Islands, luxuriance and variety of the.** | 139
<table>
<thead>
<tr>
<th>Index to Report on the Fur-Seal Islands</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seal drive, progress of</td>
<td>71</td>
</tr>
<tr>
<td>Sealers, annual crooking by</td>
<td>104, 135</td>
</tr>
<tr>
<td>Seal grounds of the southern hemisphere, enumeration of</td>
<td>9, 7</td>
</tr>
<tr>
<td>Sealing, conduct of</td>
<td>103</td>
</tr>
<tr>
<td>Sealing grounds of the South Atlantic and Pacific oceans, history and</td>
<td>117-124</td>
</tr>
<tr>
<td>Sealing grounds, strange contrast in</td>
<td>121</td>
</tr>
<tr>
<td>Sealing grounds, unusual</td>
<td>122</td>
</tr>
<tr>
<td>Sealing groups discovered</td>
<td>121</td>
</tr>
<tr>
<td>Seal islands, discovery of, by Prichard</td>
<td>8, 9, 145</td>
</tr>
<tr>
<td>Seal Islands, fishes of</td>
<td>135, 137</td>
</tr>
<tr>
<td>Seal Islands, fruit of the</td>
<td>70</td>
</tr>
<tr>
<td>Seal Islands, good influence of the Alaska Commercial Company and its</td>
<td>59, 61, 63, 64</td>
</tr>
<tr>
<td>Seal Islands, interests of the lessee of, similar to those of the</td>
<td>70</td>
</tr>
<tr>
<td>Seal Islands, latitude and longitude of</td>
<td>102, 145</td>
</tr>
<tr>
<td>Seal Islands, law protecting the</td>
<td>122, 124</td>
</tr>
<tr>
<td>Seal Islands, review of official reports upon the conduct of affairs on the</td>
<td>103-110</td>
</tr>
<tr>
<td>Seal Islands, political, need of more definite knowledge concerning the</td>
<td>69</td>
</tr>
<tr>
<td>Seal Islands, severely mauled, report received on the</td>
<td>137</td>
</tr>
<tr>
<td>Seal Islands, value of the, to the Russian-American Company</td>
<td>106</td>
</tr>
<tr>
<td>Seal Islands, wisdom of the Act of Congress directing the issue of</td>
<td>106</td>
</tr>
<tr>
<td>Seal-life on Saint George Island, inferiority of, as compared with that of</td>
<td>59</td>
</tr>
<tr>
<td>Saint Paul (note)</td>
<td>60</td>
</tr>
<tr>
<td>Seal life on the Prichard Islands, general discussion and statistics of</td>
<td>28-30</td>
</tr>
<tr>
<td>Seal life on the Prichard Islands, peculiarity of</td>
<td>68</td>
</tr>
<tr>
<td>Seal life on the rockeries of Saint Paul and Saint George Islands, review of</td>
<td>45-50</td>
</tr>
<tr>
<td>Seal life, past, present, and prospective, increase or diminution of</td>
<td>66, 68, 69</td>
</tr>
<tr>
<td>Seal life, remarks on increase of</td>
<td>66, 68, 69</td>
</tr>
<tr>
<td>Seal skins, average weight of</td>
<td>77</td>
</tr>
<tr>
<td>Seal skins, care of, handling, and preserving of</td>
<td>100, 101</td>
</tr>
<tr>
<td>Seal skins, description of the mode of catching the</td>
<td>100, 101</td>
</tr>
<tr>
<td>Seal skins, dressed, cause of varying prices of</td>
<td>80, 81</td>
</tr>
<tr>
<td>Seal skins for shipment, packing</td>
<td>77</td>
</tr>
<tr>
<td>Seal skins secured on Saint Paul Island in three years, number of</td>
<td>22</td>
</tr>
<tr>
<td>Seal skins taken by the Russians on the Prichard Islands, number of</td>
<td>135, 136, 137, 138, 139, 140, 141, 142</td>
</tr>
<tr>
<td>Seals among the breakers</td>
<td>40</td>
</tr>
<tr>
<td>Seals and sea otters, search of Russian explorers for</td>
<td>8</td>
</tr>
<tr>
<td>Seals at the sealing grounds, arrival of</td>
<td>102</td>
</tr>
<tr>
<td>Seals, bachelor, basking grounds of the, on Saint Paul Island</td>
<td>45, 46</td>
</tr>
<tr>
<td>Seals, bachelor, not permitted by the breeding seals to land on the rockeries</td>
<td>43</td>
</tr>
<tr>
<td>Seals, bachelor or bullshackles, description of</td>
<td>43-47</td>
</tr>
<tr>
<td>Seals, bachelor or bullshackles, disposition of</td>
<td>47</td>
</tr>
<tr>
<td>Seals, bachelor or bullshackles, sports and pastimes of the</td>
<td>44, 45</td>
</tr>
<tr>
<td>Seals, bears, and seal of the island of Juan Fernandez</td>
<td>129, 130</td>
</tr>
<tr>
<td>Seals, change in the pelage of</td>
<td>41, 46, 71, 72, 106</td>
</tr>
<tr>
<td>Seals, change in the weight of the female and young</td>
<td>47</td>
</tr>
<tr>
<td>Seals, compositive size of male and female</td>
<td>46</td>
</tr>
<tr>
<td>Seals, description of the driving, killing and skinning of</td>
<td>169</td>
</tr>
<tr>
<td>Seals, description of the manner of taking</td>
<td>76-78</td>
</tr>
<tr>
<td>Seals, enumeration of the various species of</td>
<td>28</td>
</tr>
<tr>
<td>Seals, gentleness of the bullshackles or bachelor</td>
<td>44</td>
</tr>
<tr>
<td>Seals, bullshackles or bachelor, movements of in the water</td>
<td>45</td>
</tr>
<tr>
<td>Seals, immense numbers of, on the sealing grounds of Saint Paul Island</td>
<td>44</td>
</tr>
<tr>
<td>Seals, importance of knowing the number of</td>
<td>164</td>
</tr>
<tr>
<td>Seals killed on Saint George and Saint Paul Islands since 1819, number of</td>
<td>105</td>
</tr>
<tr>
<td>Seals, loss of life among the young</td>
<td>65, 66</td>
</tr>
<tr>
<td>Seals, manner of computing the number of</td>
<td>40, 45, 104</td>
</tr>
<tr>
<td>Seals, mastodonts and all whom among the</td>
<td>17, 105, 106</td>
</tr>
<tr>
<td>Seals, mortality among the, in 1858</td>
<td>48, 49</td>
</tr>
<tr>
<td>Seals, number of, proportioned to the area of their breeding-grounds</td>
<td>48</td>
</tr>
<tr>
<td>Seals, peculiarities of rockeries by the</td>
<td>78-79</td>
</tr>
<tr>
<td>Seals, single, amounts of rocky space occupied by</td>
<td>50</td>
</tr>
<tr>
<td>Secretary of the Treasury, in the absence of the author to the</td>
<td>5</td>
</tr>
<tr>
<td>“Seal-catch,” definition of the word (note)</td>
<td>23</td>
</tr>
<tr>
<td>Settlement on Saint George island, location and description of the (note)</td>
<td>83</td>
</tr>
<tr>
<td>Sharks and killer-whales natural enemies of seals</td>
<td>66, 67</td>
</tr>
<tr>
<td>Sheddling of the seal-seals and their learning to swim</td>
<td>108, 109</td>
</tr>
<tr>
<td>Sheddling of the seal-seals from the ice</td>
<td>78, 79</td>
</tr>
<tr>
<td>Sheddling of the sea-lion</td>
<td>77, 78</td>
</tr>
<tr>
<td>Sheddling of the Pribylov Islands</td>
<td>14, 15</td>
</tr>
<tr>
<td>Sheddling and caring for seal-seals, manner of</td>
<td>70, 77</td>
</tr>
<tr>
<td>Sheers and vegetation of the Pribylov Islands</td>
<td>102</td>
</tr>
<tr>
<td>Sirens and corvids of the sea-lion</td>
<td>85</td>
</tr>
<tr>
<td>Size and weight of the adult male seal-seal</td>
<td>59, 60</td>
</tr>
<tr>
<td>Size and weight of the sea-lion</td>
<td>85, 86</td>
</tr>
<tr>
<td>Size, weight, and growth of the seal-seal</td>
<td>40</td>
</tr>
<tr>
<td>Sketch of the homeward voyage and shipwreck of Bering</td>
<td>119, 124</td>
</tr>
<tr>
<td>Sketch of the Russian trade in fur-seal skins</td>
<td>75, 76</td>
</tr>
<tr>
<td>Sketch of the Russian seal island sealing industry</td>
<td>121, 122</td>
</tr>
<tr>
<td>Southern seal-seal, number of skins taken</td>
<td>109</td>
</tr>
<tr>
<td>Southern seal-seal, description of the mode of</td>
<td>75, 76</td>
</tr>
<tr>
<td>Species of sea-lion of little commercial value</td>
<td>88</td>
</tr>
<tr>
<td>Skins of the walrus, unusual thickness of</td>
<td>66, 67</td>
</tr>
<tr>
<td>South Atlantic and Pacific seal-seal rookeries, number of skins taken</td>
<td>127</td>
</tr>
<tr>
<td>Southern seal-seal, enumeration and description of rooks of the seal-seal in the</td>
<td>67</td>
</tr>
<tr>
<td>Southern seal-seal, extent of extinction of seal-seals in the</td>
<td>7</td>
</tr>
<tr>
<td>Southern seal-seal, former abundance of seal-seals in the</td>
<td>67</td>
</tr>
<tr>
<td>Southern seal-seal, possibilities for protection of seal-seals in the</td>
<td>7</td>
</tr>
<tr>
<td>Southern seal-seal, present age of the Treasury Department</td>
<td>101</td>
</tr>
<tr>
<td>Special reports upon the seal-seals in the archipelago</td>
<td>109</td>
</tr>
<tr>
<td>Sports and pastimes of the young bachelor or bullshackles</td>
<td>44, 45</td>
</tr>
<tr>
<td>Starr A. Atwell, definition of the term (note)</td>
<td>59</td>
</tr>
<tr>
<td>Starr A. Atwell rookery, location, description, and statistics of</td>
<td>129, 130</td>
</tr>
<tr>
<td>Starr A. Atwell rookery, the most remarkable one on Saint George island</td>
<td>59</td>
</tr>
<tr>
<td>Statistics concerning sealing in the archipelago of the seal-seal</td>
<td>121, 122</td>
</tr>
<tr>
<td>George islands, review of</td>
<td>42, 43</td>
</tr>
<tr>
<td>Statistics and business methods of the Alaska Commercial Company</td>
<td>55, 56</td>
</tr>
<tr>
<td>Statistics and general discussion of seal-life on the Pribylov Islands</td>
<td>28-38</td>
</tr>
<tr>
<td>Statistics and history of the Russian seal industry on the Pribylov Islands</td>
<td>140-145</td>
</tr>
<tr>
<td>Statistics and remarks on the killing of seal-seals at points other than the Pribylov Islands (note)</td>
<td>66</td>
</tr>
<tr>
<td>Statistics, location, and description of Gavobukh rookery</td>
<td>51, 57</td>
</tr>
<tr>
<td>Statistics, location, and description of Lagoom and Nah Spokt rookeries</td>
<td>60, 61, 62</td>
</tr>
<tr>
<td>Statistics, location, and description of Lakanam and Kaviono rookeries</td>
<td>55, 56, 57</td>
</tr>
<tr>
<td>Statistics, location, and description of North rookery</td>
<td>60, 61</td>
</tr>
<tr>
<td>Statistics, location, and description of Novastashkash or Northeast Point rookery</td>
<td>60, 61</td>
</tr>
<tr>
<td>Statistics, location, and description of Beech rookery</td>
<td>55, 56, 57</td>
</tr>
<tr>
<td>Statistics, location, and description of Starr A. Atwell rookery</td>
<td>60, 61</td>
</tr>
<tr>
<td>Statistics, location, and description of the rookeries of Saint George Island</td>
<td>58-62</td>
</tr>
<tr>
<td>Statistics, location, and description of the rookeries of Saint Paul Island</td>
<td>58-62</td>
</tr>
<tr>
<td>Statistics, location, and description of Zaptude rookery</td>
<td>58-62</td>
</tr>
<tr>
<td>Statistics, location, and description of Zaptude rookery on Saint George island</td>
<td>58, 59, 61</td>
</tr>
<tr>
<td>Statistics, location, and description of Zaptude rookery on Saint Paul Island</td>
<td>58, 59, 61</td>
</tr>
<tr>
<td>Statistics of the fur-seal business in the South Atlantic and Pacific</td>
<td>117-124</td>
</tr>
<tr>
<td>Status of the early colonists of the Pribylov Islands</td>
<td>140, 147</td>
</tr>
<tr>
<td>Steller, Bering island visited and described by, in 1741</td>
<td>110</td>
</tr>
<tr>
<td>Steller, nerves, courage, and reputation of</td>
<td>111</td>
</tr>
<tr>
<td>Steller quoted concerning the whaling of the sea-lion (note)</td>
<td>85</td>
</tr>
<tr>
<td>Steller, references to the observations of</td>
<td>87</td>
</tr>
<tr>
<td>Steller, the first to draw the line between the seal and the fur-seal (note)</td>
<td>87</td>
</tr>
<tr>
<td>Steller’s account of the seal-seal killing grounds not prejudicial to health</td>
<td>85</td>
</tr>
<tr>
<td>Stock and peltry raising on the Pribylov Islands</td>
<td>13, 14</td>
</tr>
<tr>
<td>Strange contrast in sealing grounds</td>
<td>121</td>
</tr>
<tr>
<td>Strength and courage of male seal-seal</td>
<td>90, 97</td>
</tr>
<tr>
<td>Structure, geological of the Pribylov Islands</td>
<td>11, 19</td>
</tr>
<tr>
<td>Subscripted fur-seal rookeries more rocky breeding grounds</td>
<td>123</td>
</tr>
<tr>
<td>Sullidity of old male seal-seals (note)</td>
<td>105</td>
</tr>
<tr>
<td>Supplies said to the natives by the Alaska Commercial Company</td>
<td>107</td>
</tr>
<tr>
<td>Surveyed chart of the fur-seal rookeries on Saint George and Saint Paul Islands</td>
<td>104, 105</td>
</tr>
<tr>
<td>Swimming tests of the bachelor or bullshackles</td>
<td>45, 103</td>
</tr>
<tr>
<td>Synopsis of the investigations of Lieutenant Meyring regarding the fur-seal</td>
<td>125-126</td>
</tr>
<tr>
<td>Teeth of the sea-lion, description of (note)</td>
<td>84</td>
</tr>
</tbody>
</table>

T.

Tax and rentals, annual, paid to the government by the Alaska Commercial Company | 27, 171

Technical terms and Russian nomenclature used by the authors, definition of | 170-172

Title of the sea-lion, description of the (note) | 84
### INDEX TO REPORT ON THE FUR-SEAL ISLANDS.

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature of the Prilbylov Island</td>
<td>188</td>
</tr>
<tr>
<td>Terms applied to fur-seals, definition of (note)</td>
<td>188</td>
</tr>
<tr>
<td>Terms used in description of fur-seals, explanation of (note)</td>
<td>33</td>
</tr>
<tr>
<td>Thoughts upon the possible movements of fur-seals in the future</td>
<td>69</td>
</tr>
<tr>
<td>Tides, Alaskan, peculiarities of</td>
<td>15</td>
</tr>
<tr>
<td>Time of arrival of fur-seals at the landing grounds</td>
<td>30, 31, 34, 104</td>
</tr>
<tr>
<td>Timo of arrival of sea-lions on the breeding grounds</td>
<td>85</td>
</tr>
<tr>
<td>Timidity and shyness of the pinnipeds at sea (note)</td>
<td>95</td>
</tr>
<tr>
<td>Toalad rookyery, location, description, and statistics of</td>
<td>55, 56, 67</td>
</tr>
<tr>
<td>Topographical and geological features of Saint George Island</td>
<td>18, 19</td>
</tr>
<tr>
<td>Topographical features of Saint Paul Island</td>
<td>18, 19</td>
</tr>
<tr>
<td>Topography of Wrangell Island</td>
<td>17</td>
</tr>
<tr>
<td>Topography of Wrangell (island)</td>
<td>17</td>
</tr>
<tr>
<td>Toughness of arctic egg shells</td>
<td>127</td>
</tr>
<tr>
<td>Trails and origin of the Aleuts</td>
<td>31, 32</td>
</tr>
<tr>
<td>Treasury and the Alaska Commercial Company, influence of agents of the</td>
<td>106</td>
</tr>
<tr>
<td>Treasury Department, special agents of the</td>
<td>107</td>
</tr>
<tr>
<td>Treasury Department, special reports upon the seal-islands in the years of</td>
<td>108</td>
</tr>
<tr>
<td>Treasury, Secretary of the, influenced by the author to the</td>
<td>5</td>
</tr>
<tr>
<td>Treatment of the seal-seals by the Alaska Commercial Company</td>
<td>107</td>
</tr>
<tr>
<td>Troubles which caused the loss of Wrangell Island to the United States</td>
<td>124</td>
</tr>
<tr>
<td>Tasks of theÎ¼alrus, long setting of the</td>
<td>90</td>
</tr>
<tr>
<td>United States authorities, establishment of a pharmacy on the</td>
<td>75, 76</td>
</tr>
<tr>
<td>Prilbylov Island, troubles which caused the loss of Wrangell Island to the United States</td>
<td>124</td>
</tr>
<tr>
<td>Value and number of fur-seals on the Prilbylov Island</td>
<td>68</td>
</tr>
<tr>
<td>Value of the fur-seals of Alaska, American Ignores of the, in 1887</td>
<td>68, 69</td>
</tr>
<tr>
<td>Value of the seal-seals to the Russian-American Company</td>
<td>106</td>
</tr>
<tr>
<td>Value, pecuniary, of the seals on the Prilbylov Island</td>
<td>68</td>
</tr>
<tr>
<td>Value, protection, and growth of the fur-seal, full notes relative to the United States</td>
<td>135, 171</td>
</tr>
<tr>
<td>Values, weights, and measures</td>
<td>175, 176</td>
</tr>
<tr>
<td>Various species of seals, enumeration of</td>
<td>28</td>
</tr>
<tr>
<td>Various writers on the walrus, references to the works of</td>
<td>28, 30</td>
</tr>
<tr>
<td>Varying scale of seal-clubs, cause of</td>
<td>30</td>
</tr>
<tr>
<td>Vegetation, algal, of the shores of the Prilbylov Island</td>
<td>91</td>
</tr>
<tr>
<td>Vegetation and flora of the Island of Juan Fernandez</td>
<td>170</td>
</tr>
<tr>
<td>Vegetation of the Prilbylov Island</td>
<td>170</td>
</tr>
<tr>
<td>Vegetation of Wrangell Island</td>
<td>17</td>
</tr>
<tr>
<td>Veniaminov, Bishop Ignatius, reference to work of (note)</td>
<td>48, 49</td>
</tr>
<tr>
<td>Veniaminov's account of the discovery of the Prilbylov Islands</td>
<td>145, 148</td>
</tr>
<tr>
<td>Veniaminov's account of the Russian seal industry at the Prilbylov Islands</td>
<td>145, 148</td>
</tr>
<tr>
<td>Veniaminov, the Russian missionary, remarks concerning (note)</td>
<td>48</td>
</tr>
<tr>
<td>Vessels, difficulties encountered by, in the waters of Saint Paul</td>
<td>48</td>
</tr>
<tr>
<td>and Saint George Islands</td>
<td></td>
</tr>
<tr>
<td>Vigilance of the natives of the Prilbylov Island</td>
<td>27, 102</td>
</tr>
<tr>
<td>Vigilance of the walrus</td>
<td>95</td>
</tr>
<tr>
<td>Village of Saint Paul, birds and mammals consumed by the people of the</td>
<td>30, 92, 102</td>
</tr>
<tr>
<td>Village of Saint Paul, location and description of (the note)</td>
<td>83</td>
</tr>
<tr>
<td>Village on Hering Island, sketch of the</td>
<td>110</td>
</tr>
<tr>
<td>Village of the Prilbylov Island, range of</td>
<td>41</td>
</tr>
<tr>
<td>Vitality of the fur-seal</td>
<td>38, 95</td>
</tr>
<tr>
<td>Woes of the fur-seal, description of the</td>
<td>38</td>
</tr>
<tr>
<td>Woes of the seal-seal, description of the</td>
<td>38</td>
</tr>
<tr>
<td>Western origin of the Prilbylov Island</td>
<td>146</td>
</tr>
<tr>
<td>Volume of seal trade in 1897</td>
<td>78</td>
</tr>
</tbody>
</table>

**W.**

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Walrus, acute hearing of the</td>
<td>96</td>
</tr>
<tr>
<td>Walrus and Other islands, birds of</td>
<td>14</td>
</tr>
<tr>
<td>Walrus and sea-lions hides, manner of dressing</td>
<td>99</td>
</tr>
<tr>
<td>Walrus and Other islands, geographical distribution of</td>
<td>98</td>
</tr>
<tr>
<td>Walrus, geographical distribution of</td>
<td>98</td>
</tr>
<tr>
<td>Walrus, probability of range of</td>
<td>98, 99</td>
</tr>
<tr>
<td>Walrus, Captain Cook quoted regarding the</td>
<td>36</td>
</tr>
<tr>
<td>Walrus, character of the head of</td>
<td>65</td>
</tr>
<tr>
<td>Walrus, clumsiness of the</td>
<td>21, 35</td>
</tr>
<tr>
<td>Walrus, Geomer quoted regarding the</td>
<td>94</td>
</tr>
<tr>
<td>Walrus, great size and weight of</td>
<td>90</td>
</tr>
<tr>
<td>Walrus, hind legs, description of hands selected by the</td>
<td>93</td>
</tr>
<tr>
<td>Walrus hides, manner of dressing (note)</td>
<td>94</td>
</tr>
<tr>
<td>Walrus hides, preparation of, for use in the manufacture of boats by the natives</td>
<td>90</td>
</tr>
<tr>
<td>Walrus hides, use of (note)</td>
<td>56, 76, 79</td>
</tr>
<tr>
<td>Walrus hunting, quality of</td>
<td>100, 101</td>
</tr>
<tr>
<td>Walrus hunting, quality of</td>
<td>100, 101</td>
</tr>
<tr>
<td>Walrus, accumulations of guns on, prevented by frequent visits</td>
<td>17</td>
</tr>
<tr>
<td>Walrus, area and description of</td>
<td></td>
</tr>
<tr>
<td>Walrus, a resort of large numbers of male walruses</td>
<td>17</td>
</tr>
<tr>
<td>Walrus, a very interesting spot to naturalists</td>
<td>17</td>
</tr>
<tr>
<td>Walrus, bird zones on</td>
<td>127</td>
</tr>
<tr>
<td>Walrus, geographical position of</td>
<td>17</td>
</tr>
<tr>
<td>Walrus, habits and numbers of</td>
<td>17, 15</td>
</tr>
<tr>
<td>Walrus island, not much frequented by fur-seals or seal-islands</td>
<td>17</td>
</tr>
<tr>
<td>Walrus island, ecological wealth of</td>
<td>120, 127</td>
</tr>
<tr>
<td>Walrus island, topographical features and vegetation of</td>
<td>97</td>
</tr>
<tr>
<td>Walrus island, water-fowls of</td>
<td>17, 18</td>
</tr>
<tr>
<td>Walrus ivory, carving of, by the Alaskan natives</td>
<td>101</td>
</tr>
<tr>
<td>Walrus ivory, carving of, by the Alaskan natives</td>
<td>101</td>
</tr>
<tr>
<td>Walrus, life history of the</td>
<td>101</td>
</tr>
<tr>
<td>Walrus, life history of the</td>
<td>101</td>
</tr>
<tr>
<td>Walrus, loose setting of the tank of the</td>
<td>96</td>
</tr>
<tr>
<td>Walrus meat, gastronomic qualities of</td>
<td>92, 100</td>
</tr>
<tr>
<td>Walrus meat, gastronomic qualities of</td>
<td>92, 100</td>
</tr>
<tr>
<td>Walrus meat, the chief food of the natives of Saint Lawrence Island</td>
<td>100</td>
</tr>
<tr>
<td>Walrus of Bering sea, principal range of the</td>
<td>101</td>
</tr>
<tr>
<td>Walrus of Bering sea, principal range of the</td>
<td>101</td>
</tr>
<tr>
<td>Walrus of Bering sea, early accounts of the</td>
<td>101</td>
</tr>
<tr>
<td>Walrus of Bering sea, early accounts of the</td>
<td>101</td>
</tr>
<tr>
<td>Walrus on land and water, movements of</td>
<td>94, 95</td>
</tr>
<tr>
<td>Walrus on land, helplessness of</td>
<td>95</td>
</tr>
<tr>
<td>Walrus on the Prilbylov islands, remarks concerning the</td>
<td>95, 96</td>
</tr>
<tr>
<td>Walrus, peculiarities of the eyes of the</td>
<td>95</td>
</tr>
<tr>
<td>Walrus, physical pecularities of the</td>
<td>95, 96</td>
</tr>
<tr>
<td>Walrus, peculiarities of the eyes of the</td>
<td>95, 96</td>
</tr>
<tr>
<td>Walrus, unusual thickness of the skin of the</td>
<td>95, 97</td>
</tr>
<tr>
<td>Water-fowl of the Prilbylov Islands, economic value of the</td>
<td>135, 139</td>
</tr>
<tr>
<td>Water-fowl of the Prilbylov Islands, gastronomic value of the eggs of (note)</td>
<td>135, 139</td>
</tr>
<tr>
<td>Water-fowl rookeries of Saint George Island</td>
<td>129</td>
</tr>
<tr>
<td>Water-fowl rookeries of Saint George Island</td>
<td>129</td>
</tr>
<tr>
<td>Water-fowl of Saint George Island</td>
<td>129</td>
</tr>
<tr>
<td>Water-fowl of Saint George Island</td>
<td>129</td>
</tr>
<tr>
<td>Water-fowel of Wrangell Island</td>
<td>17</td>
</tr>
<tr>
<td>Weapons used in killing and skinning fur-seals, kinds of</td>
<td>72, 74</td>
</tr>
<tr>
<td>Weight and condition of the skin of the fur-seal at from one year to seven years of age and upward</td>
<td>81</td>
</tr>
<tr>
<td>Weight and size of the adult male fur-seal</td>
<td>81</td>
</tr>
<tr>
<td>Weight and size of the adult male fur-seal</td>
<td>81</td>
</tr>
<tr>
<td>Weight, growth, etc., of fur-seals</td>
<td>103</td>
</tr>
<tr>
<td>Weight of the young and female seals, change in</td>
<td>41</td>
</tr>
<tr>
<td>Weight, size, and growth of the fur-seal</td>
<td>41</td>
</tr>
<tr>
<td>Weight, size, and growth of the fur-seal</td>
<td>41</td>
</tr>
<tr>
<td>Weight, size, and growth of the fur-seal</td>
<td>41</td>
</tr>
<tr>
<td>Weights and sizes of the Prilbylov Islands</td>
<td>150</td>
</tr>
<tr>
<td>Weights, measurements, and values</td>
<td>150</td>
</tr>
<tr>
<td>Worms, intestines of the Prilbylov Islands</td>
<td>150</td>
</tr>
<tr>
<td>Worms, intestines of the Prilbylov Islands</td>
<td>150</td>
</tr>
<tr>
<td>Worms, intestines of the fur-seals infected by</td>
<td>95</td>
</tr>
<tr>
<td>Yearly changes in the fur-seal rookeries</td>
<td>67, 68</td>
</tr>
<tr>
<td>Young fur-seals, second change of coat by</td>
<td>41</td>
</tr>
<tr>
<td>Young fur-seals, description of the eyes of</td>
<td>41</td>
</tr>
<tr>
<td>Young fur-seals, “pooling” of</td>
<td>41</td>
</tr>
<tr>
<td>Young fur-seals, “pooling” of</td>
<td>41</td>
</tr>
<tr>
<td>Young sea-lions, food and growth of</td>
<td>88</td>
</tr>
<tr>
<td>Young sea-lions, food and growth of</td>
<td>88</td>
</tr>
<tr>
<td>Young sea-lions, learning to swim, description of</td>
<td>40</td>
</tr>
<tr>
<td>Young sea-lions, learning to swim, description of</td>
<td>40</td>
</tr>
<tr>
<td>Young sea-lions, loss of life among</td>
<td>62, 65</td>
</tr>
</tbody>
</table>

**Z.**

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zalophus and Eumolopas, differences between</td>
<td>88</td>
</tr>
<tr>
<td>Zapadnic rookery, on Saint George Island, location, description, and statistics of</td>
<td>58, 59, 61</td>
</tr>
<tr>
<td>Zapadnic rookery, on Saint Paul Island, location, description, and statistics of</td>
<td>58, 59, 61</td>
</tr>
</tbody>
</table>