PITSUMSUM -- [Calking or Chinking] no explanation of "chinking what" other than cano s on occasion, available.

KLUPT KLUPT MIN -- [Melting Snow] a small island.

TACHT--[White Bluffs], along the right bank of the Columbia River, one of the principal sedentary villages, at location B.M. 410 on the Hanford quadrangle. It should not be confused withthe White Bluffs marked on the map. Cologically the bluffs are an exposed part of the Ellensburg formation of the miocene age, at this point composed of thin-bedded sand and clay, layered with pure white volcanic dush. The name for the bluffs themselves, which extend about seven miles along the left bank was

TEPLASH

A military depot camp was located here, at the crossing of the Yakima, Chelan, Colville and Spokane Falls Wagon Road, three-hundred and eighty-two miles, by river, from the mouth of the Columbia.

Thomas W. Symons' Report of an Examination of the Upper Columbia River, Washington, Government Printing Office, 1832, had been identified to me as old graveyards long before I located the map in the Symons report.

There were many cellar caches scattered along the river here. (Photograph of one of these submitted with Wanapum MS I and introduced as exhibit at Yakima Hearing).

AH CHAS PAH--[Like yes] were two springs close to Tach [White Bluffs].

Y'YOWNOW [Make ary Salmon] was close upstream on the right bank from the terminus of the old white bluffs Road,

almost due east from the present "Gate" maintained as an entrance checking in and guard station by the "tomic Energy Commission for Project workers entering the restricted zone.

Due west from the river at this place was the old White Bluffs store. The former operator of this store, who knew Puck Hyah Toot and his people was R.S. Reirson, living now at 3827 17th "venue, "pokane. (Judging from comments at the annual White Bluffs-"anford picnic at Prosser last June, "eirson is looked upon by many of the "evacuees" as a leader in their negotiations for settlement of the Priest Rapids Irrigation District matter).

At Y'yownow were salmon drying racks, because this was one of the principal food-fish gathering places. The people stored their rack poles, fishing gear, stone net weights, wooden net hoops, fourteen-foot long salmon spears and dugout canoes there when they set out on camas errying trips.

MYONE, bordering on Yyownow was a part of the fishery and was named for the type of current in the river.

M'WATCH-Pefinition not known) marked Locke Island on map, was an extensive burial ground as well as fishery during the Dog Salmon run. There must have been more burials the informants were familiar with on that island than any other place on the river excepting the later-day grounds upstream from Priest Rapids. One of thelast burials on K'watch was in 1912, a very old man known as Yanokish, who was drowned when he stepped from his cance near the white bluffs and was caught in the deep mud along the shore.

WAH TIK KAHL[Indefinitely "making tracks up a rock or bluff] was on the left bank opposite Locke Island. It was so steep that one climbed, like up a ladder, using hand and foot

holds in the rocks to reach the slope beyond.

SFFSFE--[like Covered over with Rocks] was a smaller island toward the left bank.

warkLimpT -- [Water Covers Over] was along the right bank, so named because water came around, nearly covering it over and creating an island there, at high river stages.

NO. 3 COYOTE RAPIDS QUADRANGLE

wattuke--[Soaring up Like Birds] was on the left bank and was the name for the slope rising back from the river.

The area is still called Wahlike Slope

wathnuke -- [Going on Foot up Hill] was the Wanapum name for the place marked Wahluke on the map, a settlement village of the whites of small consequence in irrigation boom and development days. It is at the head of the White pluffs bout five miles east of Wanuke on the old trail that he to the Palouse country and Soap Lake, branching north or south after a ways, was

WATERIKAS, a name for a pass.

YANUKE --[Float in by Boat to Land] was on the right bank, just a cance landing place.

MOOLIMOOLI--[Little Stacked Hills..like a series of big sand dunes] was three miles upstream from Watklimpt. It was a Dog Salmon fishing place.

MOON--[Water Swirl Place] is the Coyote Rapids, so marked on the quadrangle map.

his was a winter habitation site, principally because of the abundance of driftwood that piled up on the shore as a result of the river current. It was also the location of Smowhala's longhouse in which he held his first fully developed Washat

dance, after another dream experience that followed the death of his daughter he was training to succeed him as "priest."

Her death left him in a state of self-hypnosis, brought on by "crying himself to sleep." The post office, Allard, was on left bank.

NAHTILCUM was a village upstream a mile from Coyote

Rapids , but was of no particular consequence, other than

being regarded as an old, regular habitation, used some winters

and abandoned others because of wood supply or the preference of

the people.

TANI CHAN WIT-- (no definition) was on the left bank. It was an old village site, which seems in cammon with the sites on the left bank. The Wanapums knew of old sites there that they had no name for, only that people used to live in them. Prings, wood, and other food sources, and shelter from the cold wind, seemed to be reason for favoritism to right bank.

No. 4 PRIEST RAPIDS QUADRANGLE

AHNUKWHUM--[Sits Down After Awhile] (indicating steepness of hills to climb) was approximately two miles upstream from Nahtilcum and was on the right shore. It was a summer fishery where fish were caught and dried and was located along hina arl so marked on the map.

here, on occasion some winters, was located one of Smowhala's favorite villages, this choice being dependant upon drift wood, availability of food etc. But it was some of the first land "settled upon" by the whites.

Informants say it was here that Smowhala had a big dance house, la ge enough for three or four hundred people, at a time Chief Moses of the "Columbias" of "Kawachkin" was attempting to assert chieftainship over the "anapums so that he might gain

additional importance in the eyes of the government with which he was negotiating for a reservation and money annuity. Moses claimed to be a Christianized Indian. Moses and money annuity and earthquake as a demonstration of his power. Then an earthquake came and partially damed the Columbia River, Moses believing in Smowhala's power, rode down river to the village to ask mowhala to make the earth quit shaking.

Bulletin of the Seismological Society of America, Catalogue of Earthaugkes, 1769-1928, Berkeley, California, January, 1939, pp. 259-60, records a series of small quakes starting December 14, 1872, and continuing through December 15 and 16 along Puget Soundd extending into the interior to British Columbia and probably Alaska and south as far as Eugene, Oregon. The initial shock was the heaviest.

Ahnukwhum was the site of the later-day Richmond ferry, operated by Jackson Richmond and was at the site of the trail crossing, leading from Sunnyside & ross the river to Arrowsmith (a post office) in Grant County, subsequently called Mitchell, the maiden name of Ric mond's mother. Richmond ferried the "anapums" around forty of them across the olumbia in late May or early June, when they set out for camas [skolkol] disging that led them toward Soap Lake and up to "aterville.

TIK SAH--[Willow Roots] was next, a place for digging willow roots. This was on the right bank.

MOOKMOOK HAH--[Crane] was a place name of small consequence at the approximate location of New York Ranch(marked on map). This was close to some old burial sites

WO KAH, located at the foot of the bluff. he burials

were excavated by curio hunters some twenty or more years ago.

They were so old, the "anapums did not know the names of the people buried there, but knew they were of the "anapum villagers and buried in the old custom. hey have taken me to the place and shown me the fragments of old canoes which had been cut in half and placed over the bodies before being covered with earth and stones.

Near the previously mentioned Tik Sah was a trench burial, in which smallpox victims of an epidemic about seventy years ago were buried "in a long row all at the same time," when many villages were depleted by death.

watashmahloat--[Raft Stuck] on theright bank of the stream is a place name for a rock that juts out into the Columbia/ here it was that Speelyi beached his raft [meisch] when he quit the river or went away, leaving the country for the Indians to come and occupy it. On the side of the bluffs, right bank, is where speelyi hung his fish net when he quit the river. (Some littleimagination required to see discoloration on rocks, representing a hanging fish net[.

MONWOWER was a camping place near McCoy Canyon, right bank, where the men waited while the women went into the hills to dig roots. The highest hill, tipped with snow until early summer, and half a day's journey from the river, was called Salhalpetcano [Satting Next a Mountain]. The women were usually gone three days to secure theroots. Here cellar food caches were dug at a place where the caves were "cold as ice).

PRIEST RAPIDS power plant, marked here at foot of Priest Rapids, a proximately four hundred nine river miles from the mouth of the Columbia. In the quite stretches of river

here as where hundreds of cances went out at night with two men each. One carried a pitch flare, made of wrapped hemp on a pole. Inother had a three-pointed gig (speciman, made by old fisherman as model in my collection) with which they gig ed suckers. Is they described this, this must have been a sight some Seventy years ago.

WOTKLOCHT -- [Holes in Pock] was on the small island, as

KWUISH KWUISH--[Water Renning Through Rocks] and the small island was called

ANHYD: [Sun Man] who was the pre-speelyi mythic character and who also occupied the island close by of

ALMUSCL ALMONWIE. There was a narrow race in the river called whale thute in later days. During the spring salmon run when the Bluebacks [Garlough] came upstream, many of them would leap out of the narrow bottle neck onto a shallow bowl-like depression where the Indians, like Sun Man, obtained them simply by clubbing them to death.

P'NA--[Fish Weir] was the larger island close upstream on which, at the same ancient period, lived Chalwash Chilni [One Legged Abalone Man]. The two fought over the way fish should be caught, and Sun Man was slain and his head was severed from his body. Soth head and body are represented in rocks sprawled out inthe river and may be seen at certain low stages of water. After that the world grew dark and ashes and smoke filled the air. Later Sun Man appeared in the sky as the sun. puring the period of darkness and flaming volcanoes, One Legged Abalone Man went downstream to join his people."

he old long braids do not know the English word, abalone and went to get an ear spangle to identify Chalwash Chilni

and pointed to the shining shell as "sun rays" representing Sun man. They have no word in their language for ocean, or "sea."

It was much, much longer after that before Speelyi come down the river, preparing for the advent of the Indians.

I believe the customary and ordinary legends of the Shahaptian speaking peoples start with Speelyi. Legends as those dealing with Sun Man and One Legged Abalone Man are not known by the Yakimas, unless through hearing relatives-by-marriage discuss them during the longhouse gatherings preceding the first foods feasts.

The genesis of the people is represented on the island of P'Ha. There the Crestor released, one by one, all plants, birds and animals from their "prison" and as they were released, one by one, they left their "mark" on rocks that are on the island. It is described by those who have inspected sites all along the river as containing the finest examples of pictographic and petroglyphic art along the entire Columbia River.

Salmon was the first released and is the first food taken at the <u>Washat</u>. Water was next released. Huckleberry was thelast to be freed. Huckleberries are the last food to ripen each year, and is the last food presented at the ritual. The contrast shows the <u>"ashat followers on the Yakima Reservation taking a sip of water before taking a bite of salmon.</u>

Man concerned the custom of fishing (Anhyi had insisted on using a dip net) fish w re never taken with dip nets by the Indians living along Priest Rapids. They were speared or caught in twedve to fourteen foot long willow traps, or in thirty foot long hemp nets, trailed by one canoe.

Lower on the river and continuing all the way down to the big fishery of Celilo, and even below there, dip nets were used, which may be of some interest the same as the difference in dialect and religious beliefs.

On the left bank, back from the shore along this stretch of the river were such places as Wah Kash Pah[Sand]; a mineral spring that provided a red pigament for face painting, marshy land where the ground quivered as you walked across it, little lakes that provided tules, duck eggs, young ducks which were clubbed to death before they could fly, some hemp, and other food and utilitarian materials. In days past, even in historic times, the course of the river along this section changed, weaving slowly back and forth across the land as it built up sediment and found a new channel.

upstream is a small cave marked by a single rock printing, and in the cave lived the mischievous little evil spirits, [Pa Noch Pala Chilma], neither animal nor human. They were sometimes called Wapatime Natestite [Little Indians]. You could rub out the rock painting with a wet skin until it could not be seen and the "Little People" painted it again at night and there it was in the morning. They were also the ones who lured the hunters into the hills by shouting. When the hunters followed the shouts to find their presumably lost companions, they became confused and were themselves lost and sometimes turned into the "Little People," who weren't too bad but were usually blamed if anything disappeared, or something went wrong. They were however not of sufficient important to require the employment of a shaman.

The last village of the Wanapums has been located at Shoptalok for about ten years, being moved there from a

mile upstream after the death of Puck Hyah Toot's wife. This was customary, and is another explanation why villages "fluctuated" up or down the river, migrating so to speak until in time practically all the land had been occupied at one time or another.

This moving was done according to how the people felt inside, but usually there was no moving when a child died or even a person of small consequence. Sometimes it happened that a person died and then someone dreamed about that person. This was usually a sign to move. Their belief was that the spirit that had caused the death (not the spirit of the dead person) lurked in that place.

That custom also still prevails among the present "anapums --but who ever heard of a Yakima moving out of his houe, burning
it, etc. -- in recent years.

when Cy Tomanawash, brother of Johnny and "arry Tomanawash died in the "anapum longhouse late last winter, the family moved out but couldn't tell whether they would move the camp or not. And they didn't knowwhether there would be a first foods feast, as they had planned before Cy's death. That depended, Puck Hyah Toot explained, how he and the others felt "here" (striking his heart). However innabout a month they concluded to hold the first foods feast and even spoke the name of the dead man, a rather unusual thing, whereas Ihad advoided speaking the name. They seemed to have no particular feeling, taking his death as a conclusion that he had been ill of a white man's disease. But they did conclude to move out of the mat house and use another building.

weYounwe--[Points in the River Where Water Goes Up] was a mile upstream, a former village site on the right bank. It was just below

PANCHAIP -- [Alkali Place] the home of the Schappy family which was the winter camp. This was the family whose ancestor, Shuwapso was a religious leader like Smowhala and whose precepts were drawn upon by Smowhala in developing the Washini religion.

Schappy [Like Putting Something Under a Shelf] and who worked to be a "chief" never gained recognition among the survivors who turned to Young Smowhala or Youvouni as their leader. It was pointed out as a year-around camp or small village of a single family, and serves as the solitary example, where to actual knowledge of the informants, this practice was exemplified.

Manapum burial ground which has no name other than "manapum stratsa" meaning simply, Manapum burial place. This has been used as a burial grounds for no longer than seventy years, but contains, they estimate, two hundred burials. It was chosen as a burial place when white intrusion pointed toward land occupation.

In the small canyons leading down toward the river and back from the burial ground were old-time caches, where heavy village equipment was stored when the people set out on camas digging or huckleberry picking trips.

Towmosh koonshines—Like a "hirlpool] was used as both a winter and summer camp. There are evidences here of "pit" houses, similar to the extensive pit house depressions spreading over several acres, just below P'na on the right bank. This was an old site, reminiscent of the period verging on the pre-historic The perple, being peaceful, secreted themselves in such houses that were dug into the earth and covered over with poles and m

on which mats and earth were spread. In this way they escaped detection when quick-striking raiding parties came by cance down the river. At one time, around 1800, fear of raids was so intense that fires were not even built.

TOWWOMCHANA WETOSH -- [Place "here Deer Fall Down], on the right bank approximately six miles upstream from P'na, was a bluff over which deer were herded after being chased into a cornal shaped like a funnel and made of cedar poles, its end opening over the bluff.

TENTUTNAMAH -- [Willows Fround Fere] was half a mile upstream on the right bank. The willows were of a variety from which the people peeled the bark, boiled it and made a medicinal drink.

BORDEN SPRINGS -- on the right bank below the Yakima-Kittitas counties line was named for an old settler. The location was not far below the head of Priest Rapids proper.

APIXIE--[Water Drops Fast] was near the head of the first of the seven riffles constituting the Priest Rapids where the river drops eighty feet in the course of approximately eleven miles.

LEKASHTUM--[A Kind of a Gap] was the name for Beverly Gap, ten miles upstream from P'na. The name, Sentinel Buttes is some - times applied to the gap. The "anapums called Saddle Mountain.

which enters from the left bank, flowing slong the northern base of Saddle Mountain and which was a famous hemp gathering place, from which fish nets, ropes and baskets were made. The mountain itself toward the gap, was usually called

WOTASH -- [Spirit Power Place]. It was one of the three previously mentioned power quest stations. There were ice caves

in Saddle Mountain where it swings southwesterly, later to reach down almost to White Suffs, in a long sweeping and dimishing curve. On the southern slope of Saddle Mountain, about five miles from the Columbia River, were quaries where the people obtained flint and stone for various implements. Southward about five miles and some five miles back from the left shore of the Columbia was a comparatively large lake, of mythic origin concerning with urinating contest between Sun Man and One Legged Abalone Man.

The lake was simply called Mahtum, the Sanapum word for all unnamed lakes, although they usually refer to it as a kind of grandfather-of-all-lakes, the original Mahtum.

IQUES -- [Cottontail Rebbit] at the head of the first riffle was just a place name, so called because the white caps there resembled the tandem end of cottontail rabbits sourrying for cover.

While the "anapums generally ranged into Crab Creek on the north base of Saddle Mountain, and regarded it as the northern boundary of "anapum territory, they acknowledged that it was within the range of the mobile Moses of Salish linguistic stock who grazed horses there. The territory seems to be typical of that of the customary merging or fringe territory, "summer grounds," or community grounds. It was also known and used by the people although they claimed no village sites where they lived during winter (or summer) upstream from Saddle Mountain.

Vantage, at the crossing of the Ellensburg-Spokane Highway Bridge was known to them as

PANKO--[A name derived from Pischah] a white food root like a sweet potato, gathered just below Vantage for the first foods feast. It matures earlier than camas.

The name Panko was known by an elderly Salish" of the

Moses "Columbias" a relative of Moses himself in fact. He knew also the name and could point out Legashtum [Beverly ap] ut he could give no definition of Panko and no definition of Legashtum other than the obvious , "Gap."

He could, however, point out an old village site of the "Columbias", one of three in forty miles of river occupied as me winter camps. This was on the left bank, a mile below the Vantage bridge. And he could identify it by name and define the meaning. The Wanapums knew only generally that some Moses people, with whom they rarely intermarried, resided there during the winter. They regarded mainly as a "horse camp." Oth Salish and Shahaptian (wanapum) informants agreed that Moses lived there himself, some winters.

On the right bank toward Ellensburg was horse range land also used by Moses and his people, and there they merged with the Kittitas or "Keetitash" whose language and dialect is said by informants to be identical with that of the Yakimas.

There seems to be little distinction between these people, residing east of the present Ellensburg, and other bands or band,

This merging, if it were a true merging, was so weak at Vantage that it was in no way like that at Kosith or Pasco, more than eighty miles southward along the Columbia.

It appears rather that the merging was merely "free access" to and throughthe area, especially at all seasons excepting winter when travel was festricted, as the people followed their food quests. Just like Moses ranged southward, the "anapums ranged on deer hunting trips twenty miles northward from Vantage, penetrating into the "clockum Mountains. It was in

this area that Smowhala's son (ca. 1872-17) froze to death just before the mid-winter feast. And it was from the dicidious timbered slopes that the "anapums obtained pine and cedar logs from which to make dugout canoes. In fact the place was a canoe manufactory for people as far south as "allula [Coming Down to the River] where Smowhala was born. The logs were rough hewn and the canoes, started by fire and chipping to remove the surplus were then pulled down to the river by horses where they were finished after two to three weeks of work.

The Wanapums ranged northward to waterville for bitterroot [piahe] and skolol. The latter was one of some eight varieties of camas and a type identified with them and their traditional first of the first-foods feasts among the hahaptians or to my knowledge, even adjoining tribes.

They also went regularly in the spring to Badger Mountain [Tan Nan Augh] --[Base of a Cliff], and to Moses Take where Smowhala and his band frequently camped near the lower end of the lake at a place called Tamewikes [Little Treek Where Rocks are Piled to Stop Fish]. On occasion they frequented Toap Lake to take medicinal baths and more frequently they went to Ephrata which was called

HAUPTHAUPT--[Cottonwoods Tree Place], there to dig edible roots, especially skokol. The bitterroot [piahe] was found generally all along the river on the hills just back from the river.

Other Incidental Places

SCH MI NA HIC , southwesterly from P'na shown on maps as-

Fold Creek was the name all along that canyon but especially for an old camping place, a spring on the 'aylor Ranch, now within the boundaries of the Yakima Firing Center. his was on the old trail which led through the Moxee Valley, the upper end of Yakima Valley proper to where the Maches Riverx flows into the Yakima River, and then some fifty-five miles up the Maches and southwardly to the huckleberry fields in the Raven's Cost country and Blowout Mountain. The Conapums used these huckleberry fields extensively, going there in August, a week later than the Yakimas proper went to the warmer slopes of Mount Adams for huckleberries.

The Wamapums had names for customary camping places, and the berrying fields, a Dog Talmon fishery where fish were easily obtained late in the summer on the Little Naches, Mount Cleman on the left bank of the Naches River where deer were hunted on the way home, and various other stopping places where they obtained food on one-day or several weeks of camping.

It might be pointed out again that when berrying time came or fish were known to be approaching a particular area, everyone didn't pack up and head out. The seasonal food quests were usually made up of groups, sometimes families, sometimes mixed groups and several families. They scattered far and wide and some years went to one place and some years to another, never following an especial pattern. When they returned to the river to live during the winter, they exchanged perries, fish or game with those who had other types of food. Such exchanges were not customary but common.

The Wanapums did not claim the land but looked upon it only as the customary place where they had always gone to obtain huckleberries or other food. On these trips they met Indians like the ""Keetitash" and some of the Upper Yakimas. In fact they knew the Kittitas Valley near Ellensburg as a place where they were welcome to go and dig camas, and theirname for it was KITTITAS [White barth].

The trip from Priest Rapids or White Bluffs to the huckleberry fields on the eastern slopes of the Casc de Mountains in the Upper Naches required five days, by horseback.

TI KI LA CHEE was the name for the country and hills east of the $M_{\rm O}x$ ee $V_{\rm alley}$ before dropping down to the Columbia.

SHUM NAK NEE[Scooped Out Place] was a cold spring, overnight camp and hunters' camp, a depression on the west slope of hills facing Moxee Valley, approximately forty miles from present Yakima, northeast from present Moxee.

PEE SOOTS--[Chickenhawk] was "attlesnake Spring, location of the Blanche and Lorenzo Perkins' massacre in 1878. It was located in the triangle formed by the Sunnyside Highway near where it joins Moxee-Hanford Project Gate Highway.

NELSON BRIDGE-On the Naches Highway four miles west of Yakima at the site of Painted Rocks State Park was the site of an overnight camp and spring. The spring was on the emakanima west side of the present highway after it crosses the bridge and just before it turns westerly toward Naches. The Tanapums had no name for it, saying the Yakimas would know it, and that Cotieahkun (Alba Showaway), son of Cotieahkun a Yakima Presmer knew all about places there.

Bend on the Waches Highway was a stopping camp on the trip to the huckleberry fields. his is obvious "anapum reference to one of the token rocks, another south of Toppenish bearing the same name and defined by the Yakimas as Giant's Place. It has a legend connected with it, concerning a time that the Giants lived in the Yakima valley and the Indians lived along the river at Celilo. Indians passing there left tokens to bring them luck on hunting trips and said a "little prayer," much like the custom of the Trams orn tree in the Blackfoot country. The Wanapums have no story connected with Pinacle Rock at Horseshoe Bend.

TAH HUTH HUTH--[Mountain (stacked) on Mountain]was Mount Cleman, northwest of the present city of Naches. The
manapums camped along the Maches River on their way back from the
huckleberry fields whi e the men hunted deer (and later elk)
on Mount Cleman, three miles to the north.

WOK WEIK SA--[Bridge-place where Mountains Come Together like a Bridge]--was between the Maches Ranger Station and Cliffdell on the Maches Highway.

SPERLYI'S COPE--[Coyote's Dam] was a natural dam or falls on Little Maches River, four and one-half miles above the confluence with the American River and just above Kaner's Frat. It was a place where Dog Salmon were speared late in the fall. This was also a customary stopping place to add to their food supplies en route home to Priest Rapids.

wow SHEE TOO NAS -- was the name for the huckleberry fields on the northwaterly slope of the main huckleberry fields of

AMON WHE AMOW WEE -[Like Island], in the "aven's "oost country some fifteen miles south of Coyote's am on the Little

Naches.

WAIN NIE TCHA--[Water Comes Up] were the "enatchee mountains, visible far to the north from the huckleberry fields, and pointed out as "cold water like big springs," in the "eat Cha country."

PUE HAUT TOO -- [Present Goat Rocks Primitive Area were wisible to the east of the huckleberry fields at Raven's Acost and were said to abound with cougars besides goats, but the Wanapums made no claim to frequenting them.

None of the several Yakima informants could give place names on this part of the country.

YAKIMA RIVER NAMES

UMACHUCK--[No definition] other than it related something like "place of the cowards," was a very old "anapum name for the present country referred to as the Takima Valley.

From Chamma, at the mouth of the Uakima River upstream are places known and occupied by the "anapums, none of them known as extensive or permanent village sites, although there were family groups scattered along the entire river.

TAH MACH PIKE KOSH##[Sit Down] one mile up the Yakima

River from the old village of Chamna

SHIS SHOP AH--in evil smelling spring whose location could be detected by olfactory means two miles distant.

SOW WOY--[Something Swims Across]

TAH MACH HAL LOOT -- [Sit Down in Water] descriptive name, lots of rocks there in the water like they are sitting there.

YAH KLIX--[Water Undermined] Undermined by water. Place where river keepsundercutting the bank, at a curve in the river.

A noted burial ground was near Tah Mach Hal Loot which is located along the Yakima R $_{1}$ v $_{1}$ r at the Benton City road crossing.

LOW WHA EH SHE -- [No definition]

WANAWISH--[Water Runs Down Like going over Dam] was approximately half way between the mouth of the Yakima River and Prosser, a Yakima fishery known as Toptut.

That wanawish was presented as a Wanapum fishery and accepted without protests from the Yakimas in past years, is a matter of state legislation. This point is dealt with more fully in Wanapum MS I and Yakima MS I.