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About the Institute

The Hunt Institute for Botanical Documentation, a research division of Carnegie Mellon University, specializes in the history of botany and all aspects of plant science and serves the international scientific community through research and documentation. To this end, the Institute acquires and maintains authoritative collections of books, plant images, manuscripts, portraits and data files, and provides publications and other modes of information service. The Institute meets the reference needs of botanists, biologists, historians, conservationists, librarians, bibliographers and the public at large, especially those concerned with any aspect of the North American flora.

Hunt Institute was dedicated in 1961 as the Rachel McMasters Miller Hunt Botanical Library, an international center for bibliographical research and service in the interests of botany and horticulture, as well as a center for the study of all aspects of the history of the plant sciences. By 1971 the Library's activities had so diversified that the name was changed to Hunt Institute for Botanical Documentation. Growth in collections and research projects led to the establishment of four programmatic departments: Archives, Art, Bibliography and the Library.

Gilia filifolia

- ✓ Ft. McDermitt (M) Stewart CM 184
- 1937: Elko (Murphey report); Washoe Lake (B&S 45 report); Austin (Train report); Stillwater (Train report); Nixon (M 704 report). Schurz (M)
- 1938: ✓ Austin (Birchum report); Beatty (Dock report).
- 1939: ✓ Upper Reese River (Sammy Dyer, Johnnie McCann, Art Hooper reports); Ione (Johnny Dick report); Peavine Creek (Andy Fraser report); Monitor Valley (Tim Hooper report); Ruby Valley (Billy Mose, Margaret Knight reports); Schurz (Willie Frank report); Tonopah (Orna Jagles report).
- 1940: ✓ Hawthorne (Johnson report); Schurz (Quartz report); Yerington (Thompson report); Wells (Pabawenas report); Fallon (Cushman, Novice reports); Winnemucca (Jack report).

Gilia

Leptodactylon pungens

"be-ah din-ah-ee-go", "be-ah-din-ah-ee-go", "tin-ah-ee-go",
"boo-ee-nut-zoom", "duh-nah-eye-gum", "boo-ee nut-zoo" (S);
no name (P)

Eyes - sore: plant boiled, decoction used as a wash for sore
and swollen eyes.

Eye wash: root boiled, decoction used when cool.

Stomachache - plant boiled, decoction taken.
indigestion:

1937: Austin (Train report).

1938: Beatty (Shaw report); Austin (Hooper report). ^{- ppt 61}

1939: Tonopah (Wagon Johnnie report); Lida (Maggie
Shaw report).

1940: Fallon (Springer report).

Grindelia nana

"sah-nah cav-oh-no-ah", "sah-nah-goop-ah-rah", "das-e-ah-nut-zoo" (S)

Antiseptic: plant boiled, decoction used as wash.
Broken bones: plant boiled, used as poultice.
Measles: plant boiled, decoction taken in doses $\frac{1}{2}$ cup
three times daily.
Smallpox: plant boiled, decoction taken in small doses.
Venereal: leaves boiled, decoction taken. Plant boiled,
decoction taken.

1937: Not reported.

1938: Not reported.

1939: Upper Reese River (Art Hooper report); Ruby
Valley (Billy Mose, Margaret Knight, Topsy
Long reports); Elko (Minnie Coochum report).

1940: Not reported.

Grindelia nana (or squarrosa)

"oh-ha tonegan", "sah-nah-tonegan" (P); "gummy flower"

Antiseptics: plant and small chunk mountain rat urine
("kah-seep", T 4659) (P), boiled, decoction
used as a wash.

Emetic: plant boiled, decoction taken.

Pneumonia: tops boiled, decoction taken hot, less than
one-half cup.

Smallpox: plant and small chunk mountain rat urine
("kah-seep", T 4659) (P), boiled, small doses
of decoction taken. = *Purshia*
trident.

Venereal: plant boiled, decoction taken in dose of one-
half glass four times a day.

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1937: Not reported.

1938: Not reported.

1939: Not reported.

1940: Fallon (Cushman report); Wells (Pabawenas, Johnson
reports).

Grindelia squarrosa

"sanaka-para", "oha tonega", "sah-nah cav-ch-no-ah" (S); "gum plant"

- Bladder: plant boiled, decoction taken.
- Cough: upper part of plant and sticky buds steeped, solution taken. Plant steeped, solution taken.
- Dropsy: upper part of plant and sticky buds steeped, solution taken.
- Expectorant: resinous portion of stems, and leaves used. Seed is ripe the entire plant steeped, solution taken.
- Pneumonia: resinous portion of stems, and leaves used. Seed is ripe the entire plant is steeped, solution taken.
- Smallpox: upper part of plant and sticky buds steeped, solution taken. Plant boiled, decoction taken.
- Venereal: plant boiled, decoction taken in small doses.

- 1937: Tonopah (Murphey report); Owyhee (Murphey report); Elko (Murphey, M 428 reports); Ft. McDermitt (Train report).
- 1938: Not reported.
- 1939: Elko (Minnie Coochum report).
- 1940: Not reported.

Squarrosa serrulata
Grindelia sp. (T 3435)

"woh-ah-gum" (S)

Stomachache -
indigestion: root boiled, decoction taken.

1937: Not reported.

1938: Not reported.

1939: Lida (Maggie Shaw report).

1940: Not reported.

Gutierrezia sarothrae

"see-gupi", "too-goot-se-ooch-goopi" (P); "snakeweed"

colds: *Decoction taken*
Nosebleed: boil leaves, place on top of head in wet cloth.
measles; *Decoction used as wash.*
Pains - leaves boiled, applied as poultice.
muscular:

Rheumatism: leaves boiled, applied as poultice.

Sprains: leaves boiled, applied as poultice.

1937: (Not reported.) *Austin (Hooper rpt.) Train*
1938: Summit Lake (Steve report); Nixon (Mauwee report).
1939: Not reported.
1940: Not reported.

Dalea fremontii

"quee-um-be", "tuh-goo-buss-e-emp" (S); "i-era-midja" (Moapa P)

Hemorrhage: roots boiled, decoction taken; tops boiled, decoction taken.

1937: Not reported.

1938: Beatty (Shaw, Dock reports)

48449
(Moapa Rpt. 45)

1939: Not reported.

1940: Not reported.

Dalea (Parosela) polyadenia

"ma-go-te-hupi", "magood-tu-hoo", "ma-good-tu-hoo", "mo-goon-du-hu", "ma-good-du-hoo", "ma-goo-te-hup", "moh-goon-du-hu", "mo-gun-du-hu", "mogo-goon-du-hu" (S); "mu-gu-tu-hoo-pee", "si-yah-gah-bah", "magood-du-hoo", "magotehupi", "magood tehupi", "ma-good-te-hoo", "mogo-tu-hopi", "nah-good-du-hu", "moh-goon-du-hoop", "moh-goon-du-hoopie", "moh-goon-tu-hoop", "nah-who-goo-e-duh" (whooping cough), "bee-hee-nooma na-tisuah" (pneumonia medicine) (P); "magoonduhu" (P&S); "tscho-mozick" (W); "citrus plant", "smoke bush"

- Antiseptics: tops boiled, decoction used as a wash. Stems boiled, decoction used as a wash.
- Chest - infections of: stems boiled, hot decoction taken to loosen cough and chest congestion.
- Chickenpox: tops boiled, warm decoction used as an antiseptic wash.
- Consumption & tuberculosis: stems boiled, decoction taken in small doses over a long period for tubercular cough.
- Coughs & colds: stems boiled, decoction taken. Plant steeped, solution taken. Stems crushed and inhaled. Stems boiled, decoction taken hot. Stems cut in small pieces, boiled, hot decoction taken in dose of less than $\frac{1}{2}$ cup. Stems boiled, hot decoction taken for chronic cough. Tops ground fine, dried, boiled, decoction taken. Tops discarded, heavy thick lower stems boiled, decoction taken for heavy chest colds.
- Diarrhoea: tea made from stems. Stems boiled, decoction taken.
- Flu: stems boiled, decoction taken.
- Kidney: stems and tops mixed with Juniper leaves and boiled, decoction taken. Tops boiled, decoction taken frequently.
- Measles: stems boiled, decoction used as antiseptic wash. Tops boiled, warm decoction used as antiseptic wash.
- Muscles - sore: tops ground fine, dried, boiled, decoction taken.
- Neuralgia: stems chewed for neuralgia in jaws.

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Dalea (Parosela) polyadenia

- Pains - muscular: tops ground fine, dried, boiled, decoction taken.
- Pneumonia: young stems boiled, decoction taken hot. Stems broken small, boiled, decoction taken in small doses. Tops boiled, $\frac{1}{2}$ cup decoction taken three times a day. Stems boiled, hot decoction taken to loosen cough and chest congestion. Tops discarded, heavy lower stems boiled, decoction taken.
- Rheumatism: stems boiled, decoction used as a wash.
- Smallpox: stems and tops mixed with Juniper leaves, boiled, decoction taken. Stems boiled, decoction taken in $\frac{1}{2}$ cup doses as cure. Tops boiled, warm decoction used as an antiseptic wash.
- Sores: glandular resin ducts scraped off. Powdered and applied. Stems ground, applied as a powder.
- Stomachache - indigestion: tea is made from plant and taken. Stems and tops boiled, decoction taken. Stems boiled, decoction taken. Stems boiled, decoction taken hot. Stems boiled, decoction taken cold.
- Stomach cramps: tops ground fine, dried, boiled, decoction taken.
- Throat - sore: stems boiled, decoction taken.
- Tonic: stems and tops boiled, decoction taken.
- Toothache: stems chewed.
- Tuberculosis: fine twigs boiled, strained, decoction taken hot. Upper stems, leaves and flowers boiled - decoction taken.
- Urination - difficult-to stimulate: stems boiled, decoction taken.
- Urination - frequent: tops boiled, decoction taken frequently.
- Venereal: stems boiled, decoction taken over long period. Stems boiled, decoction taken.

(Continued on page 3)

Dalea (Parosela) polyadenia

Whooping cough: stems boiled, sugar added to hot decoction,
taken in small doses.

1937: Reno (Murphey report); Austin (Murphey report); Smokey
Valley (Murphey report); Dresslerville (Murphey re-
port); Wadsworth (B&S 2 report); Stillwater (Train re-
port); Schurz (M 53 report); Nixon (M 267 report);
Rawhide (M 581 report).

1938: Summit Lake (Siwabe report); Nixon (Mauwee report);
Austin (Birchum, Hooper reports).

1939: Elko (Minnie Coochum report); Monitor Valley (Tim
Hooper report); Upper Reese River (Sammy Dyer,
Dooman Hooper, Art Hooper reports); Round Mountain
(Mike Millett report); Schurz (Willy Frank report);
Tonopah (Orna Jagles report).

1940: Fallon (Steve, Dyer, Springer, Cushman, Novice, Hitcha-
man, Moore reports); Hawthorne (Johnson, Miller re-
ports); Schurz (Cleveland, Sheep, Quartz, Voorhees
reports); Yerington (Thompson, Quinn reports); Smith
Valley (Jones, Milton reports); Lovelock (Lee, Lowry
reports); Winnemucca (Jack report).

Wason Valley

Datura meteloides DC.

"mo-moap" (Moapa P); "moip", "moh-eep" (S); "moh-mope" (P);
"jimson weed"

Antiseptic: leaves boiled, decoction used as a wash.

Asthma: dried leaves smoked in cigarette papers,
smoke inhaled for relief.

Boils: leaves boiled, decoction used as a wash.
Leaf heated, grease or salve applied and
then placed on boil.

Cuts & Wounds: leaves boiled, decoction used as a wash.

Narcotic: root and seed chewed. Root soaked, solution
taken.

1937: Beatty (M 650 report); Moapa (M 668 report).

1938: Needles, Calif. (McCord report); Beatty (Dock
report); Moapa (Benn report).

1939: Tonopah (Orna Jagles report). - *not med.*

1940: Not reported.

Desmanthus illinoensis

Undet. (~~Acacia ?~~)

Desmanthus ill.

"pah-oh-pimb" (?)

Trachoma: five seeds in eye each night, wash with clear
 water in morning.

1937: Moapa (M 664 report).

1938: Not reported.

1939: Not reported.

1940: Not reported.

Dyssodia
Bebbia thurberi ? (T 1656)

"ahn-dah-gah nut-tah-zoom" (S)

Physic: root boiled, decoction taken.

1937: Not reported.

1938: Beatty (Dock report).

1939: Not reported.

1940: Not reported.

Elymus condensatus Presl.

"po-he-kwo-ha-ne", "oh-hoe-buh wah-hava", "pane-kiva-hane",
"wahobeque-haba", "wye-avva", "wah-havva", "sah-wah-havva" (P);
"pav-wah-guave", "wy-ron-zip" (S); "rye grass", "big bunch grass"

Eyes - sore: rough edge of split rye grass leaves used to
scrape eyelids. Soak leaves, use solution for
wash.

Eyewash: leaves boiled, cooled decoction used.

Trachoma: stiff leaf sections used to scrape granulated eye-
lids. Long stiff leaf blades used to scrape eye-
lids. Dry, sharp blades used for scraping eyes.

1937: Ft. McDermitt (Murphey, Train, M 156 reports);
Owyhee (Train report). B+S. 17 Reno

1938: Not reported.

1939: Not reported.

1940: Fallon (Hitchaman, Steve, Springer, Cushman re-
ports); Wells (Pabawenas report); Lovelock (Lowry
report); Winnemucca (Jack report).

Enceliopsis nudicaulis (T 1653 and T 3453)

"anga-go-ahp", "coo-see ah-kuk" (S)

Coughs: leaves boiled, decoction taken.

Bowel - roots boiled, decoction taken.
disorders:

Diarrhoea: roots boiled, decoction taken to stop
bloody diarrhoea.

Venereal: roots boiled, decoction taken.

1937: Not reported.

1938: Beatty (Dock, Shaw reports).

1939: Tonopah (Orna Jagles report); Lida (Maggie
Shaw report).

1940: Not reported.

Ephedra nevadensis

"coo-see too-rombe", "tu-tumbe" (S); "tu-tupe" (Moapa P);
"indian tea", "mormon tea", "brigham tea", "blue ephedra"

Gonorrhoea: twigs mixed with "bi-habe" to make tea.

Urination - tea from twigs taken.
stimulate:

Venereal: stems boiled, decoction taken internally.

1937: Moapa (Murphey report); Beatty (M 649 report).

1938: Not reported.

1939: Tonopah (Peavine Johnnie, Wagon Johnnie reports).

1940: Not reported.

Ephedra viridis

"tu-tu-mo", "too-toom-be", "too-roombe", "tu-tumbe" (S); "turupi", "too-toop-ee", "soo-roop-ee", "too-roop-ee" (P); "mah-gah" (W); "brown brush", "joint fir", "mormon tea"

- Beverages: stems dried, boiled, decoction taken. Tea from stems taken. Stems steeped, solution taken. Plant steeped, solution taken. Stems boiled slightly, decoction taken.
- Bladder: stems boiled, decoction taken.
- Blood circulation: tea from stems used.
- Blood tonic: stems boiled, decoction taken three times a day, every day. Stems dried, boiled, decoction taken over a long period. Tea made from stems taken every day. Stems steeped, solution taken liberally for months at a time.
- Burns: stems dried in sun till brittle, ground to a fine powder, kept in a jar and applied as slightly moistened poultice.
- Circulation - poor: decoction made by boiling stems, taken often to stimulate circulation in limbs of old people.
- Coughs & colds: stems boiled, decoction taken.
- Heartburn: stems boiled, decoction taken.
- Kidney: plant steeped, solution taken. Stems boiled, decoction taken instead of water all day. Stems boiled, decoction taken.
- Menstruation: plant steeped, solution taken hot.
- Physic: stems boiled with a little salt, decoction taken. Roots boiled with a little salt, decoction taken.
- Rheumatism: stems boiled, decoction taken steadily.
- Sores: stems dried, ground, applied.
- Stomachache - indigestion: stems boiled, decoction taken hot. Stems boiled, decoction taken.
- Tonic: stems steeped, solution used. Stems boiled, decoction taken often.
- Ulcers - stomach: stems boiled, decoction taken every day instead of water.

Ephedra viridis

Urination - stems boiled, decoction taken many times a day.
too frequent:

Venereal: stems boiled, decoction taken.

Weakness - stems boiled, decoction taken for tired feeling.
general:

1937: Ely (Murphey report).

1938: Beatty (Dock report); Nixon (Mauwee report).

1939: Gardnerville & Dresslerville (Holbrook report);
Tonopah (Wagon Johnnie, Peavine Johnnie reports);
Manhattan (Maggie Jack report); Monitor Valley
(Tim Hooper, Dick Allison reports); Belmont (Sarah
Spud report); Lida (Maggie Shaw report); Ruby Valley
(Margaret Knight report); Schurz (Willie Frank report);
Elko (Minnie Goochum report).

1940: Fallon (Steve, Dyer, Springer, Cushman, Novice,
Hitchaman reports); Hawthorne (Johnson report);
Schurz (Miller, Cleveland, Sheep, Voorhees reports);
Yerington (Thompson, Bob reports); Smith Valley
(Joaquine, Milton reports); Battle Mountain (Crawford
report); Lovelock (Lee report); Wells (Pabawenas re-
port); Winnemucca (Jack report).

Ephedra sp.

"tu-numbe", "durumbe", "soo-rumpee", "too-room-be", "too-toom-be" (S);
"ka-wan-nat-us-wape", "jiu-tu-pee" (P); "tsurupe" (P&S); "mag-gel" (W);
"eee-see-oo" (M); "tu-tupe" (Moapa P); "indian tea", "mormon tea",
"joint fir"

Beverage: plant steeped, solution taken. Upper branch stems boiled, decoction taken.

Blood purifier: dry twigs mixed with inner bark of Purshia.

Blood - thin: dried twigs steeped, solution taken.

Coughs & colds: dried twigs steeped. Solution cooked down thick, decoction taken.

Flu: mixed with bits of "todsa" root, steeped, solution taken.

Gonorrhoea: upper branch stems boiled, decoction taken.

Menstruation - delayed: dried twigs steeped, solution taken.

Sores: plant dried, powdered, mixed with pine pitch, applied. Twigs powdered and applied.

Stomachache - indigestion: plant steeped, solution taken.

Syphilis: small twigs steeped, solution taken.

Tonic: plant steeped, solution taken.

Venereal: tea from dry stems, or combined with tea from "trumpet phlox" used. Dry twigs mixed with inner bark of Purshia. Tea made and taken.

1937: Schurz (Murphey report); Nixon (Murphey, M 284 reports); Elko (Murphey report); Austin (Murphey, Train, M 510 reports); Reese River (Murphey report); Fallon (Murphey report); Smokey Valley (Murphey report); Virginia City (B&S 26 report); Owyhee (Train report); Minden (M 558 report); Yerington (M 571 report); Fallon-Schurz (M 596 report).

(Continued on page 2)

Ephedra sp.

1938: Austin (Birchum report); Needles, Calif. (McCord report); Moapa (Benn report).

1939: Not reported.

1940: Not reported.

Equisetum sp. kanganum

"bah-see-noo" (S)

Kidney: plant boiled one-half minute, decoction taken.

1937: Ely (Train report).

1938: ~~Not reported.~~ Ely rpt. 53

1939: Not reported.

1940: Not reported.

Erigeron caespitosus

no name (S); "booie-na-tizuah", "kah-noop-ah", "tu-boh-no" (P)

Diarrhoea: root boiled, decoction taken. One cup sufficient dose.

Eye wash: roots boiled, cooled, decoction used.

1937: Not reported.

1938: Not reported.

1939: Upper Reese River (Jimmie Darrough report).

1940: Fallon (Steve report); Yerington (Thompson report); Lovelock (Lowry report).

Erigeron concinnus var. aphanactis A. Gray

"dootsie tah-bah-she-up", "too-bee-man-ob" (P); "boo-ee-nut-zoo" (S);
"brass buttons", "little brush", "little sun brush"

Constipation: plant boiled, decoction cooled, less than $\frac{1}{2}$ cup taken.
Action is that of an extended physic. Taken in cases
of chronic constipation. (Indians knew to take a bowl
full of flour and water paste to check diarrhoea action).

Cramps: plant boiled, decoction taken.

Emetic: plant boiled, decoction cooled, less than $\frac{1}{2}$ cup taken.
A violent emetic, to be used with care.

Eye wash: roots boiled, decoction cooled, used as wash 3 drops at
a time several times a day.

Laxative: roots boiled, decoction taken as a mild physic.

Pains - plant boiled, decoction cooled, less than $\frac{1}{2}$ cup taken
abdominal: in cases of chronic constipation, distended abdomen,
pain in intestines.

Stomachache - stems boiled, decoction taken. Roots and tops boiled,
indigestion: decoction taken less than one-half cup.

1937: Schurz (Murphey, M 38 reports); Ft. McDermitt (M 152
report).

1938: Not reported.

1939: Tonopah (Peavine Johnnie, Orna Jagles reports); Peavine
Creek (Andy Fraser report).

1940: Schurz (Sheep report); Hawthorne (Johnson report).

Eriodictyon angustifolium

"wee-poo-en-ub" (Moapa P); "wee-pah-got-um" (S); "yerba santa",
"mountain balm"

Coughs & colds: tea made from leaves and honey added. Leaves boiled, decoction taken. Tops boiled, decoction taken.

Diarrhoea: tops boiled, decoction taken.

Expectorant: tea made from leaves and honey added.

Pulmonary: tea made from leaves and honey added.

Rheumatism: upper stems, leaves and flowers boiled, decoction applied in a compress to body.

Stomachache - indigestion: tops boiled, decoction taken.

Tuberculosis: tops boiled, decoction taken.

Venereal: leaves boiled, decoction taken.

Vomiting: tops boiled, decoction taken to stop vomiting.

1937: Las Vegas (M 676 report).

1938: Beatty (Dock, Shaw, Stewart reports); Moapa (Benn report).

1939: Not reported.

1940: Not reported.

Eriogonum polifolium

microthecum

"ahn-ga-see-ga wee-ub", "neut-see-quah nut-zoo" (rheumatism medicine) (S)

Bladder: stems and leaves boiled, decoction taken cold.

Rheumatism: plant boiled, decoction as a hot wash. Towel soaked in hot decoction, applied to painful area.

Tuberculosis - roots boiled, decoction taken for cough.
cough:

1937: ~~Not reported.~~ T Ely, 1194

1938: Beatty (Shaw report).

1939: ~~Not reported.~~ Tonopah, Lida

1940: Smith Valley (Joaquine report); Wells (Pabawenas report).

Eriogonum ovalifolium

"na-ka-donup" (S); "ya-paw-taw-the" (P); "butterballs"

Colds: tea from the roots taken as a cure.

1937: Ft. McDermitt (M 145, M 4 reports).

Owyhee M 198

1938: Not reported.

1939: Not reported.

1940: Not reported.

Eriogonum sphaerocephalum

"seg-we-bee" (P&S); "wild buckwheat", "sulphur flower"

say-quee (S)

Diarrhoea: roots boiled, decoction taken.

1937: Elko (Murphey report); Ft. McDermitt (M 615 report).

*Winnemucca m261
see next page*

1938: Not reported.

1939:

Not reported. *ELK o C M. Patterson*

1940: Not reported.

Eriogonum umbellatum

"wadda-e-gop", "wadda-e-goh", "nah-cah-no-nap" (P); "bah-hoe-zee",
"naka-donup" (S); "wild buckwheat", "sulphur flower"

Coughs & roots boiled, decoction taken.
colds:

Lameness: leaves mashed, applied as a poultice.

Rheumatism: leaves mashed, applied as a poultice.

Stomachache - root boiled, decoction taken.
indigestion:

1937: Beatty (Murphey report); Owyhee (Train report);
Ely (Train report).

1938: Summit Lake (Steve report); Nixon (Mauwee report).

1939: Not reported.

1940: Yerington (James report).

Eryngium alismaefolium

"momono-kaiyu" (P); "prickly plant"

Diarrhea: plant boiled, decoction taken.

1937: Owyhee (Murphey, M 380 reports).

1938: Not reported.

1939: Not reported.

1940: Not reported.

Euphorbia albomarginata

"nah-mo-tha" (M)

Insect bites: latex applied.

Stomachache: small roots boiled, decoction taken internally.

1937: Not reported.

1938: Needles, Calif. (McCord report).

1939: ~~Not reported.~~ Lida Rpt. 74

1940: Not reported.

Euphorbia arenicola

"tu-bi-cai" (Moape P)

Eyewash: fresh plant steeped in hot water and solution used.

1937: Moapa (M 662 report).

1938: Not reported.

1939: Not reported.

1940: Not reported.

Euphorbia sp. (T 3439) *polycarpa*

"tah-we-carib" (Moapa P); "nah-wah-go bud-zip",
"nah-comb-boh-zip", "nah-com-boot-zip" (S)

Eye-wash: plant boiled, decoction used as wash. Plant
and root boiled, decoction used as wash.

Snake bite: plant mashed- applied as poultice.

Swellings: plant mashed- applied as poultice.

Tonic: plant (*Euphorbia polycarpa*) boiled, decoction
taken.

1937: Not reported.

1938: Beatty (Shaw, Stewart reports); Moapa (Benn report).

1939: Lida (Maggie Shaw report). T 3439

1940: Not reported.

Eurotia lanata

"shee shub", "sissop", "tuh-veep", "she-shup", "shee-shup" (S); "she-shu-bah", "too-boose-oh-bah", "boo-see-ah-wah-be" (head lice medicine) (P); "winter fat", "white sage"

Beverage: leaves boiled, decoction taken.

Blood purifier: tea from plant taken.

Colds: leaves and buds made into a tea which was taken.

Eye wash: plant used.

Hair & scalp: tops boiled, decoction used as a wash for falling hair and baldness. Tops heated in water, solution used as a rinse. After hair has been washed, as a scalp tonic. Tops boiled in plenty of water, decoction used as a wash.

Head lice: tops heated in water, solution used as a rinse after hair has been washed to rid scalp of head lice. Hot water in which plant is boiled applied to head as a wash.

Tonic: leaves boiled, decoction taken.

1937: Smokey Valley (Murphey, M 471 reports); Ely (Train report); Schurz (M 605 report).

1938: Beatty (Dock report).

1939: Tonopah (Orna Jagles, Peavine Johnnie reports).

1940: Fallon (Steve report); Schurz (Voorhees report); Yerington (Thompson report); Battle Mountain (Tybo report); Beowawe (Machado report); Lovelock (Lowry report).

Hedeoma nana (Torr.) Briq. (T 2258)

Physic: plant boiled, decoction taken.

Stomachache - plant boiled, decoction taken.
indigestion:

1937: Not reported.

1938: Beatty (Dock report).

1939: Not reported.

1940: Not reported.

Helianthella uniflora

"ah-kuh" (P); "ah-kuk", "ah-kuh", "ah-kah" (S)

Counter irritant: root claimed to be hot when mashed. Moistened, applied as a poultice.

Headache: seeds eaten. Roots mashed, soaked in a little cold water, solution used as wash.

Legs - swollen: roots mashed, heated on stove, applied as hot poultice. Reheated and changed often.

Muscles - sore: root claimed to be hot when mashed. Moistened, applied as a poultice.

Rheumatism: root claimed to be hot when mashed. Moistened, applied as a poultice on aching rheumatic shoulders or knee joints.

Sprains: root mashed, heated on stove, applied hot as a poultice. Reheated and changed often.

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1937: Austin (Train report).

1938: Austin (^{Birchum} ~~Birchum~~ report).

1939: Not reported.

1940: Fallon (Springer report); Beowawe (Machado report).

Helianthus (sp.) *annuus*.

"bah-kuk" (P)

Rheumatism: root boiled, decoction used as a warm wash.

1937: Not reported.

1938: Not reported.

1939: Not reported.

1940: Smith Valley (Joaquine report).

crassivium var. *sculptum*

Heliotropium xerophilum (T 2342)

"tumanabe", "i-yah-oh-ho" (S)

Bladder: root boiled, decoction taken.

Urination, plant boiled, decoction taken.
to stimulate:

Veneral: roots boiled, decoction taken.

1937: Not reported.

1938: Beatty (Dock, Shaw reports).

1939: Not reported.

1940: Not reported.

arassivium var.

Heliotropium oculatum

"tumanabe" (P&S); "tube-manabe" (P); "awaho" (?); "wild helitrope",
"white fiddleneck"

Emetic: plant boiled, one-half cup decoction taken. Plant
boiled, decoction taken.

Gargle: root steeped, solution used.

measles: *Tops boiled, decoction taken*

1937: Schurz (Morphey report); Yerington (Morphey, M 569
reports); Lake Lahontan (M 91 report); Winnemucca
(M 264 report); Beatty (M 651 report).

1938: Not reported.

1939: Not reported. *Lida (M. Shaw)*

1940: Yerington (Bob report).

Heracleum lanatum ?

"be-ah", "boh-guah" (S)

Fever: root mashed, soaked in water, solution taken
or used as gargle.

Gargle: root mashed, soaked in water, solution used.

Throat sore: root mashed, soaked in water, solution used as
gargle, placed as poultice around throat.

1937: ~~Not reported.~~

1938: ~~Austin (Birchum report).~~

1939: ~~Not reported.~~

1940: Not reported.

Heracleum lanatum

Undet.

"be-ah boh-quah" (S)

Colds - root mixed with pine-pitch, smoke
 head: inhaled.

Coughs: plant and root boiled, decoction taken.

Fever: root mashed, soaked, solution taken.

Gargle: root mashed, soaked, solution taken.

Throat - root mashed, soaked, solution taken;
 sore: also used as poultice.

Toothache: piece of root placed in cavity.

1937: Austin (Train report).

1938: Not reported.

1939: Austin (Birchum report).

1940: Not reported.

*under this is pi-yah-pah
and I cannot find it in report
has*

Heracleum lanatum

"dotsi-tone-e-ga", "pi-yah-pah", "bia-bogo" (P); "comb-ho" (W);
"bas-un-dook-nut-zoo" (S); "bear paw"

Cuts: salve made from roots, applied.
Diarrhoea: root boiled, decoction taken in $\frac{1}{2}$ cup dose.
Rheumatism: root mashed, applied as poultice.
Toothache: pieces of root placed in cavity.
Tuberculosis: root boiled, decoction taken over long period.

1937: Owyhee (Train report).

1938: Not reported.

1939: Gardnerville and Dresslerville (Smokey reports);
Round Mountain (Jennie Johnnie report). *Austin (Bachman)*

1940: Winnemucca (Cavanaugh report). *Loveclock (Lowrey report)*

Hermidium alipes
Quamoclidion sp. = *truncifolius*

"hewovey", "he-wovey" (P)

- Boils: roots dried, ground to powder, made into a paste and applied.
- Burns: roots dried, ground to powder, made into a paste and applied.
- Dizziness: plant boiled, decoction used as a wash on head, face, and neck. Plant boiled, decoction taken cool, $\frac{1}{2}$ cup at a time.
- Fainting: plant boiled, decoction used as a wash on head, face, and neck. Plant boiled, decoction taken cool, $\frac{1}{2}$ cup at a time.
- Headache: plant boiled, decoction used as a wash. Root boiled, decoction taken. Also used as a wash. Mashed leaves bound on head. Root boiled, decoction used hot or warm as a wash. Fresh leaves bound on head. Roots dried, boiled, decoction taken.
- Nausea: plant boiled, decoction used as a wash on head, face, and neck. Plant boiled, decoction taken cool, $\frac{1}{2}$ cup at a time.
- Neuralgia: root boiled, decoction used hot as a wash around ears and jaws.
- Physic: root boiled, small amount - less than $\frac{1}{4}$ cup decoction taken. (This is first instance of a use other than for headache).
- Swellings: leaves mashed, poultice applied.
- 1937: Not reported.
- 1938: Not reported.
- 1939: Not reported.
- 1940: Hawthorne (Johnson report); Schurz (Miller, Cleveland, Sheep, Voorhees reports); Fallon (Cushman, Dyer, Springer, Hitchamen reports).

Hermidium alipes

"hewovey", "he-wov-bee" (P); "hewovey", "he-wovey" (P&S);
"four o'clock"

Colds: Leaves steeped

Delirium: roots boiled, decoction used as wash.

Headache: plant boiled, decoction used as wash. Plants
boiled, wash used. Not taken internally.

Impetigo: roots powdered, applied.

Sores: peeled roots powdered, applied.

Stomachache - roots boiled one-half hour, decoction taken.
indigestion:

1937: Lovelock (Murphey reports); Wadsworth (B&S 50 re-
port); Schurz (M 11, M 32 reports); Yerington
(M 574 report). ^{↑ M 57, M 61}

1938: Not reported.

1939: Not reported.

1940: Schurz (Cleveland report), ^{Yerington (Thompson)}
^{Lovelock (Lowry)}

Hermidium sp. *alipes*

"he-woh-vey", "hewovey", "he-wovey" (P)

Diarrhoea; root decoction

Headache: roots dried, boiled, decoction taken. Fresh leaves bound on head. Root boiled, decoction used as a wash.

Physic: root boiled, small amount - less than $\frac{1}{4}$ cup decoction taken.

1937: Not reported.

1938: Not reported.

1939: Not reported.

1940: Fallon (Springer, Hitchaman reports); Yerington (James report).

'Bob.

Heuchera sp. *nutescens*

"zee-guoy", "toya-dimba-wah-rumb", "be-ah nut-zoo", "new-wha nut-zoo" (S); "too-bee bah-see-be" (P); "alum root"

Biliousness: root soaked in cold water.

Cramps - root soaked in cold water, solution given.
horses & cows:

Diarrhoea: root soaked in cold water, solution taken.

Eye wash: root soaked in cold water, solution used as wash.

Fever: root boiled, decoction taken 1/2 cup doses 3 times daily.

Heart trouble: root boiled, decoction taken.

Sores - leaves mashed and boiled, decoction used as wash.
saddle:

Tonic: roots boiled, decoction taken 1/2 cup doses every day.

Venereal: roots boiled, decoction taken 1/2 cup doses each morning. Roots boiled, decoction taken. Not enough taken to act as a physic.

1937: Not reported.

1938: Beatty (Stewart report).

1939: Tonopah (Peavine Johnnie report);
Manhattan (Maggie Jack report);
Round Mountain (Mike Millet report);
Elko (Minnie Coochum report); (M. Patterson)
Monitor Valley (Dick Allison report).

1940: Fallon (Steve report); Hawthorne (Johnson report);
Schurz (Voorhees report); Beowawe (Machado report).

not medicinal

Holodiscus discolor var. *leucosa*

(*Sericotheca*) microphylla

"wah-poose-oh-guay" (P); "tot-zip", "wuh-toy-ee nut-zoo" (S)

oh-na-tez-wasse (P) *rock spiraea*

Antiseptic: tops, upper stems, leaves and flowers boiled for external wash.

Coughs and colds: stems boiled, decoction taken for colds.

Diarrhea roots boiled, decoction taken

Emetic: leaves only boiled, decoction taken - one-half cup is the dose.

Stomach root boiled, decoction for indigestion

Swellings: tea made from tops, stems and flower, taken.

Venereal: leaves boiled. One cup of the brew taken 3 times a day.

1937: Not reported.

1938: Not reported. *Wagon (Mauwee)*

1939: Round Mountain (Jennie Johnnie report);
Manhattan (Maggie Jack report). *Smoky Valley (N. Rogers)*

1940: Campbell Ranch-Mason Valley (Quinn report).

Hypericum scouleri

"andro-vitch gwanna", "andro-vitch guanna", "andra-vitch-quana" (S);
"andra-vitch-gwanna" (P&S); "st. john's wort"

Cuts & wounds: plants dried, powdered, applied.

Dropsy: plant boiled in large tub, feet soaked for dropsical condition.

Eye-wash: plant steeped, solution used as wash.

Feet - sore: plant soaked, solution used as bath. Plant boiled in large tub, feet soaked to take away ache.

Skin - sores: plant boiled, applied wet while hot.

Swellings: plant boiled, applied as poultice. Plant mashed, moistened, applied as poultice.

Toothache: roots dried, inserted in tooth cavity.

Venereal: tops boiled, decoction taken in doses 1/2 cup per day- over long period.

1937: Owyhee (Murphey report); Eureka (Train report);
Miller Creek (M 352 report).

1938: Not reported.

1939: Ruby Valley (Billy Mose, Margaret Knight reports);
Upper Reese River (Topsy Long report).

1940: Beowawe (Machado report); Wells (Johnson report);
Fallon (Hitchaman report).

Iris missouriensis

"sag-ee-dunip", "sah-gah-gee-hu", "daw-see-daya", "pas-sa-gida",
"daw-swe-doya", "pah-sag-ee-duh", "pah-sag-ee-dup", "pah-sag-ee-dah",
"pah-sag-ee-dump", "pah-sag-gee-gee", "pah-sag-e-dump", "sag-e-dump" (S);
"poo-gooey-roop", "pah-see-toob-ah", "poi-gooey-rub", "poo-gooey-rup",
"poko-errop", "poko-erop", "pogo-danop", "poo-gooey-rub" (P); "poku-
erup" (P&S); "iris", "flag", "horse tongue", "wild iris"

Bladder: roots boiled, decoction taken.

Burns: ripe seeds ground to a paste and applied.

Colds: roots boiled, decoction taken.

Earache: root boiled, decoction cooled, taken several drops
at a time. Roots boiled, warm decoction dropped a
little at a time in an ear.

Gonorrhoea: tea from roots.

Rheumatism: root mashed, applied as poultice.

Skin - sores: ripe seeds ground and applied.

Sores: ripe seeds ground and applied.

Stomachache - roots boiled, decoction taken.
indigestion:

Toothache: piece of root placed in cavity. Root mashed,
placed in cavity.

Venereal: roots boiled, decoction taken. Root mashed and applied.

1937: Ft. McDermitt (Murphey, M 623, 626, Train reports);
Owyhee (Murphey, M 199 reports); Elko (Murphey report);
Ruby Valley (Murphey, Train reports); Ely (Train report);
Stillwater (Train report); Stewart (M 180 report);
Austin (M 516 report).

1938: Not reported.

1939: Monitor Valley (T. Hooper report); Tonopah (Wagon
Johnnie report); Manhattan (George Anderson report);
Belmont (Sarah Spud report); Schurz (Willie Frank re-
port); Ruby Valley (Billy Mose report).

Iris missouriensis

- name only

1940: Yerington (Thompson report); Smith Valley (Joaquine report); Battle Mountain (Tybo report); Fallon (Cushman report); Winnemucca (Jack report).

Iva axillaris

"durunzip", "too-du-zip", "queda-tinup", "doot-un-zip", "tu-du-zip", "du-du-zip", "bee-wha-nut-zoo" (S); "too-ha-babba", "quee-duh-tee-nava", "tah-rah-gee-noob", "quee-duh-tee-naba" (P); "poverty weed"

- Blood purifier: plant boiled, decoction taken.
- Bowels - disorders: plant boiled, decoction taken to stop blood passing.
- Coughs & colds: upper part of stems and leaves boiled, decoction taken.
- Diarrhoea: root boiled, decoction taken. Plant boiled, decoction taken.
- Dysentery: roots boiled, decoction taken. Roots steeped, solution taken.
- Eyes - sore: plant steeped, solution used as wash.
- Itch: leaves moistened, mashed, scrubbed on skin rashes and itch.
- Skin - disorders: leaves moistened, mashed and scrubbed on. Leaves boiled, decoction used as a wash.
- Sores: leaves ground, poultice applied. Leaves boiled, decoction used as a wash.
- Stomachache - indigestion: plant boiled, decoction taken. Plant boiled a short while, cooled, decoction taken. Plant boiled, warm decoction taken in dose of $\frac{1}{2}$ cup or less. Plant boiled, decoction in small doses taken for children's stomachache. Roots, raw or roasted, eaten.
- Stomach cramps: plant boiled, warm decoction taken in dose of $\frac{1}{2}$ cup or less. Upper part of stems and leaves boiled, decoction taken.
- 1937: Owyhee (Murphey, M 208 reports); Austin (Murphey, M 494 reports); Tonopah (Murphey report); Moapa (Murphey report); Eureka (Train report).
- 1938: Not reported.

Iva axillaris

1939: Tonopah (Peavine Johnnie report); Round Mountain (Mike Millet report); Manhattan (Maggie Jack report); Upper Reese River (Art Hooper report); Smokey Valley (Nick Rogers report); Belmont (Sarah Spud report); Ruby Valley (Billy Mose report).

1940: Schurz (Quartz, Voorhees reports); Yerington (Thompson report); Battle Mountain (Crawford report); Beowawe (Machado report); Wells (Pabawenas report); Lovelock (Lowry report).

Juniperus occidentalis

"sam-a-bee", "sam-a-be", "sah-mah-be", "sah-ma-be", "samabe" (S);
"wah-puee", "wah-ee", "wah-pee", "wahpee" (P); "puh-ahl" (W); "juniper",
"mountain juniper", "western juniper"

- Antiseptics: end twigs boiled, decoction used as a wash.
- Blood tonic: end branches boiled, decoction taken.
- Boils: leaves ground with *Pinus monophylla* pitch, applied.
- Burns: end twigs, mashed, applied as a poultice.
- Coughs & colds: leaves boiled, decoction taken. Leaves boiled with pine needles, decoction taken. End twigs boiled, decoction taken. Leaves and berries boiled, decoction taken. Leaves smoked or inhaled. Leaves boiled with *Salvia carnosae* leaves, decoction taken. Branches placed in warm hole in ground after coals are scraped aside, patient lies on branches, covered with a blanket. Sweat produced drives away heavy colds. End branches and leaves ground with *Wyethia mollis* roots, boiled, decoction taken. End twigs mixed with *Pinus monophylla* needles, boiled, decoction taken. End twigs and leaves boiled, decoction taken. End branches boiled, decoction taken. Leaves boiled, decoction taken. End leaves and stems boiled, hot decoction taken. End twigs boiled with small lump of *Pinus monophylla* pitch, decoction taken hot. Tops boiled, decoction taken. End twigs mixed with *Artemisia tridentata* leaves, boiled, decoction taken. Berries washed, boiled, $\frac{1}{2}$ cup hot decoction taken to cause sweating and break up a cold. End twig leaves boiled, decoction cooled, and taken. Leaves mixed with *Tetradymia comosa* stems, boiled, decoction taken, warm or cold, $\frac{1}{2}$ cup three times a day. Excellent for irritating chronic cough, considered better than *Leptotaenia multifida*.
- Fever: end branches and leaves ground with *Wyethia mollis* roots, decoction taken. End leaves and stems boiled, hot decoction taken.
- Fever -
to reduce: leaves and berries boiled, decoction taken.

(Continued on page 2)

Juniperus occidentalis

- Flu: end branches boiled with "todza", decoction taken. End twigs and leaves boiled, decoction taken. Leaves mixed with Tetradymia comosa stems, mixture boiled, decoction taken warm or cold, $\frac{1}{2}$ cup three times a day.
- Fumigant & deodorant: branches burned. Branches burned on top of stove.
- Haemorrhages - internal: end twigs boiled, $\frac{1}{2}$ to 1 cup of hot decoction taken.
- Headache: branches burned, smoke inhaled. Branches burned, fumes inhaled.
- Heart - trouble: berries boiled, decoction taken in 1 cup doses.
- Kidney: berries only, boiled, decoction taken. Nine berries at a time boiled in one quart of water. One-half cup of decoction taken three or four times a day.
- Measles: end twigs boiled in small amount of water, decoction used as an antiseptic wash. Leaves and twigs boiled, decoction used as a wash.
- Menstruation: berries washed, boiled, less than $\frac{1}{2}$ cup taken for menstrual cramps.
- Pain: berries boiled, decoction taken, dose $\frac{1}{2}$ cup.
- Pain - to relieve: berries boiled in a little water, decoction used as external wash, or towels wrung out of hot decoction used as a hot pack to pained area.
- Physic: leaves ground fine, soaked in cold water, strained, solution taken.
- Pneumonia: leaves mixed with Tetradymia comosa stems, boiled, decoction taken warm or cold, $\frac{1}{2}$ cup three times a day.
- Rheumatism: berries boiled in a little water, decoction taken several times a day. Place prepared in ground, bed of coals made, scraped aside after ground is warm, branches placed in hole. Patient lies on branches, covered with a blanket. Sweat produced. Used often in these cases. Leaves and stems boiled, applied as a poultice. Warm decoction used as a wash.

(Continued on Page 3)

Juniperus occidentalis

- Smallpox: end twigs boiled in a little water, decoction used as a wash. Leaves and twigs boiled, decoction taken in 1 cup doses.
- Sores: end twigs boiled, decoction used as antiseptic wash.
- Stomachache-indigestion: leaves boiled, decoction taken.
- Sweating: berries washed, boiled, $\frac{1}{2}$ cup hot decoction taken to cause sweating. Leaves and berries boiled, decoction taken.
- Swellings: leaves mashed fine, applied as a poultice.
- Throat - sore: leaves and end twigs ground fine, heated over fire, placed in hot cloth, bound on throat as a compress.
- Tonic: branches placed on bed of coals, causing smudge, patient placed on branches to sweat.
- Urination - failure: berries boiled, decoction taken.
- Urination - to stimulate: berries only, boiled, decoction taken.
- Venereal: berries cracked and boiled with a little balsam or Pinus monophylla pitch in the water. Decoction taken when cold. Roots dried, shaved fine, boiled, decoction taken over long period. End twigs boiled, cold decoction taken in dose of less than $\frac{1}{2}$ cup over a long period. Leaves on end twigs boiled, cooled, decoction taken. Only a little made at a time, decoction fresh each day.
- Worms: leaves ground fine, soaked in cold water, strained, solution taken.
- 1937: Austin (Train report).
- 1938: Austin (Birchum report); Summit Lake (Siwabe report); Nixon (Mauwee report); Beatty (Stewart report).

(Continued on page 4)

Juniperus occidentalis

1939:

Gardnerville & Dresslerville (Holbrook report);
Upper Reese River (Dyer report); Tonopah (Wagon
Johnnie, Peavine Johnnie reports); Manhattan
(Maggie Jack report); Peavine Creek (Andy Fraser
report); Monitor Valley (Tim Hooper report); Bel-
mont (Sarah Spud report); Schurz (Willie Frank
report); Ruby Valley (Margaret Knight, Topsy Long
reports); Elko (Minnie Coochum, Maggie Patterson
reports).

1940-?

Juniperus scopulorum (T 3466) *Sarg.*

"bas-um-ah-be", "bah-samabe" (S); "rocky mountain red cedar"

Venereal: end branches boiled, decoction taken $\frac{1}{2}$ cup per day, long period.

1937: Not reported.

1938: Not reported.

1939: Elko (Maggie Patterson report).

1940: Not reported.

Juniperus sibirica *utahensis*

"pah-wap-o-ruitz" (Moapa P); "mah-hav-wa" (S); "howumba", "towotsic" (?); "dootsie pah-wah-pee", "wah-pee", "kubé-kuh-uh-buh" (roots for baskets) (P); "alpine juniper"

Blood purifier: tops and ends of branches boiled, decoction taken.

Blood tonic: berries dried, skin discarded, seeds eaten every day.

Coughs & colds: resin gathered, made into syrup.

Kidney: leaves boiled, decoction taken.

Lumbago: berries dried, skin discarded, seeds eaten every day.

Venereal: leaves boiled, decoction taken.

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1937: Las Vegas (M 671 report).

1938: Beatty (Dock report); Moapa (Benn report).

1939: Not reported.

1940: Schurz (Quartz, Voorhees reports); Yerington (Thompson report).

name only

Juniperus utahensis

"sahn-ah-poh", "sam-a-bee", "sam-mabe", "sammabe", "sam-ah-bee",
"sam-mape", "sammopo", "sam-a-be" (S); "wah-puee", "wapi", "wape",
"wah-pee", "wahpee" (P); "wap-pui" (P&S); "ba'al", "baal" (W);
"juniper", "mountain juniper"

Beverage:	fruits squeezed and juice taken.
Birth control:	tea from fruits taken in cupful doses on 3 successive mornings, said to be permanent in effects.
Colds:	leaves boiled, decoction taken. Leaves boiled with pine needles, decoction taken. Leaves boiled with "ba-habe", decoction taken. Leaves steeped, solution taken.
Headache:	leaves burned on top of stove, fumes inhaled.
Hiccough:	berries steeped, solution taken.
Horses - sores & cuts:	leaves moistened, applied as poultice.
Kidney:	berries made into a tea and taken. Tea from the leaves used. Leaves and Pinus monophylla pitch boiled together, decoction taken in doses of $\frac{1}{2}$ glass at a time for period of a week at a time.
Rheumatism:	leaves made into a tea and taken. Steam from green boughs on which patient is laid also considered good.
Smallpox:	leaves burned on top of stove as protection.
Sweating:	patient covered with blanket and placed on warm boughs.
Swellings:	leaves mashed or ground fine, used as a poultice.
Tonics:	leaves moistened, applied as a poultice. Leaves ground, boiled, decoction taken. Branches placed on coals to cause a smudge, fumes inhaled.
Toothache:	leaves pounded, moistened, placed on small hot rock, tied with hot rock, applied to jaw as a compress.

(Continued on page 2)

Juniperus utahensis

- Reno (B+S 25)*
- 1937: Nixon (Murphey report); Dresslerville (Murphey report); Reno (Murphey report); Elko (Murphey report); Owyhee (Murphey, Train reports); Austin (Murphey, Train reports); Smokey Valley (Murphey report); Fallon (Murphey report); Eureka (Train report). *Gerington + Ft. McDermitt (Murphey M 699)*
- 1938: Austin (Birchum report); Summit Lake (Siwabe report); Nixon (Mauwee report); Beatty (Dock report).
- 1939: ~~Not reported.~~ *Round mt. (Ike rpt)*
- 1940: Wells (Pabawenas, Johnson reports).

Krameria grayi (T 1884)

"nah-kah-vah dah-tohnub" (Moapa P); "nah-gee too-nah-nib" (S)

Gonorrhoea: decoction of root

Skin sores: root ground fine, powdered and applied.
Root boiled, brew used as a wash for sores.

Swellings: root used as medicine, wash for swellings.

1937: Not reported.

1938: Beatty (Dock report); Moapa (Benn report).

1939: Not reported.

1940: Not reported.

Larrea divaricata
~~Covillea glutinosa~~ - *Larrea divaricata*

"yah-temp" (P); "creosote bush"

Bowel disorder: tea is made and taken.

Chicken pox: leaves soaked in water, solution used as wash.

Colds: drink made, little sipped at a time for several days.

Rheumatism: leaves soaked in cold water, solution used for bath.

Sores: dried leaves ground to fine powder, sprinkled on dry.

1937: Not reported.

1938: Moapa (Benn report).

1939: Not reported.

1940: Not reported.

Larrea divaricata
~~Covillea tridentata~~ *divaricata*

"ya-temp" (S); "eve-they" (W); "cikoi-haap", "ci-koi", "cikoi" (Pap.)
"creosote bush"

- Baby - navels: leaves dried, powdered and applied.
- Burns: leaves boiled with ephedra, badger oil added, and salve applied.
- Coughs & colds: leaves boiled, decoction taken for a few days.
- Earache: tops placed over a bag of hot sand or hot water bottle, patient's ear on the tops.
- Emetic: leaves boiled, decoction taken.
- Feet - sore: feet held over smoke from smouldering green branches.
- Gonorrhoea: tea from ephedra and this plant used.
- Insect bites: leaves chewed and applied.
- Menstrual disorders: leaves and leaf galls made into a tea and taken.
- Milk - to produce: leaves steeped, solution rubbed on breasts.
- Rheumatism: leafy tops boiled, decoction used as a wash. Heated branches laid on aching joints.
- Snake bite: leaves chewed and applied.
- Sores: tea from this plant mixed with ephedra used as a wash. Leafy tops boiled, decoction used as a wash.
- Stomachache - indigestion: leafy tops boiled, decoction taken.
- Urination - to stimulate: tea from the leaves used.
- Venereal: leaves boiled, decoction taken.

(Continued on page 2)

Larrea divaricata

~~Govillea tridentata~~

- 1937: Papago (Murphey report); Beatty (M 646 report);
Las Vegas (M 657, M 658 reports); Moapa (M 677
report).
- 1938: Needles, Calif. (McCord report); Beatty (Dock
report).
- 1939: Not reported.
- 1940: Not reported.

Larvae diwaricata
Insect galls on

not mistletoe but insect gall
formations.
naa.

Phoradendron sp.

"kin-haap", "cikoi-haap" (Pap.); "creosote mistletoe"

Colds: leaves boiled, decoction taken.

Menstruation - leaves boiled, decoction taken.
disorders:

Stomach cramps: leaves boiled, decoction taken.

1937: Papago (Murphey report).

1938: Not reported.

1939: Not reported.

1940: Not reported.

Leptotaenia multifida

"toh-sup", "toh-sah", "toh-sa", "tohsup", "tosa", "tohsa", "todsa" (S);
"toh-aw-toh-aw-sa-be", "toh-sa", "tasupa", "tawzah", "toh-aw-sav-ve",
"toh-am-sam-ve", "tosah", "toh-aw-sah", "toh-sah-ah" (P); "toh-aw-sa-ve",
"todsa", "toisa", "todza", "todsa pahmo" (P&S); "doza", "dodsa", "dosa"
(W); "pagoo" (Ute); "mountain parsley", "indian balsam", "cough root"

Antiseptics: root boiled, decoction used as wash for skin rash.
Root pounded to a pulp, placed on wire cuts on
horses. Action is that of peroxide, foaming when
placed on cut. Considered an antiseptic.

Asthma: root dried and smoked.

Beverage: tea taken for sore throat.

Bronchitis: roots boiled, smoked, chewed. Root chewed for bronchial
cough.

Childbirth: root pounded and mashed to soft pulp, this being
placed on the cord after childbirth. Root boiled
and decoction taken after childbirth for cramps.

Colds - head: root dried, shaved, and smoked. Root dried, sliced,
and smoked in cigarette.

Coughs &
colds: root boiled, decoction for colds, head and chest colds.
Roots boiled, smoked or chewed. Roots dried, shaved
fine and smoked. Root boiled, decoction taken for
heavy chest colds. Root boiled, hot decoction taken.
Root mixed with *Osmorhiza occidentalis* root, boiled,
decoction taken. Root sliced in sections $\frac{1}{4}$ inch
thick, placed in sealed glass jar to keep moist.
Used thru the winter. Root mixed with tops of *Artemisia*
tridentata, boiled, decoction taken hot.

Consumption: root boiled, decoction taken for a long period for
cure, miners' consumption.

Cuts: large root boiled and oil which rises to surface is
skimmed off and used as lotion to heal cuts and skin
sores.

Diarrhoea: root boiled with *Achillea lanulosa* as a positive cure.

Distemper -
horses: dried roots shaved in fine chips into a bucket and
set on fire. Gunnysacks fastened over horse's head,
so horse inhales the smoke. Root mashed, moistened,

Leptotaenia multifida

- Distemper - horses: heated in pan, placed in nose-bag; horse given a short run to make him breathe deeply, then bag is placed over nose and fumes inhaled.
- Flu: root boiled, decoction taken; root smoked or chewed. Root mixed with *Osmorhiza occidentalis* root, boiled, decoction taken. Root sliced, dried, chewed, smoked, or decoction from boiling slices taken.
- Gonorrhoea: root boiled with "yarrow" and a decoction taken to cure gonorrhoea.
- Hay fever: root boiled, decoction taken. Root boiled, decoction cooled, sniffed up nasal passages and into the throat. Mucous membranes are soothed and healed, increased mucous due to inflammation released and passages cleared.
- Horses - sores & cuts: root pounded to a pulp, applied. Action is that of peroxide, foaming when placed on cut. Considered an antiseptic.
- Influenza: root boiled, chewed, smoked.
- Laxative: tea made from the root.
- Nasal catarrh: root boiled, decoction cooled, sniffed up nasal passages and into throat. Mucous membranes are soothed and healed, increased mucous due to inflammation released, and passages cleared.
- Paralysis: tea taken twice daily.
- Pneumonia: tea made from the root is taken. Root smoked, chewed, boiled.
- Skin - disorders: root boiled, decoction used as antiseptic wash for skin rash.
- Smallpox: boiled root used as a wash.
- Stomachache - indigestion: root boiled and decoction taken in small doses.

(Continued on page 3)

Leptotaenia multifida

- Smoking agent: shavings mixed with tobacco and smoked.
- Sprains: root heated, mashed and applied.
- Stopped up
nose: root shaved fine, mixed with pine pitch and placed
on live coals and aromatic fumes inhaled.
- Swellings: root mashed and applied as a poultice.
- Throat - sore: root chewed; root chewed.
- Tonic: root boiled and decoction taken.
- Trachoma -
gonorrhoeal
eyes: the fresh oil is placed one drop at a time
in each eye.
- Tuberculosis: the tea made from root is taken.
- Venereal: a tea from the root is a positive cure. Root
boiled, decoction taken over long period.

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- 1937: Owyhee (Murphey report); Schurz (Murphey report); Beowawe (Murphey report); Battle Mountain (Murphey report); Nixon (Murphey report); Dresslerville (Murphey report); Reno (Murphey report); Tonopah (Murphey report); Elko (Murphey report); Reese River (Murphey report); Moapa (Murphey report); Ruby Valley (Murphey report); Owyhee (Train report); Ely (Train report); Duckwater (Train report); Austin (Train report); Stewart (M 178 report); Nixon (M 266 report); Ruby Mountains (M 417 report); Schurz (M 580 report).
- 1938: Austin (Birchum report); Summit Lake (Steve report); Ely (George report).
- 1939: Tonopah (Orna Jagles, Peavine Johnnie reports); Elko (Minnie Coochum, Maggie Patterson reports); Belmont (Sarah Spud report); Ruby Valley (Billy Mose, Margaret Knight, Topsy Long reports); Monitor Valley (Dick Allison report); Gardnerville & Dresslerville (Holbrook report); Upper

(Continued on page 4)

Leptotaenia multifida

- 1939: Reese River (Art Hooper, Sammy Dyer, Johnnie McCann reports); Manhattan (Maggie Jack, George Anderson reports); Round Mountain (Mike Millet report).
- 1940: Hawthorne (Johnson report); Schurz (Cleveland, Voorhees reports); Yerington (Thompson, Bob reports); Smith Valley (Jones, Milton, Joaquine reports); Battle Mountain (Tybo, Wiggins, Woods reports); Beowawe (Machado report); Wells (Johnson, Pabawenas reports); Lovelock (Lee, Lowry reports); Fallon (Springer, Dyer, Cushman, Hitchaman, Moore reports); Winnemucca (Jack, Cavanaugh reports); Campbell Ranch - Mason Valley (Quinn report).

Leucocrinum montanum

"si-gua-gump" (P&S)

Sores: roots ground to soapy consistency and applied.

Swellings: roots ground to soapy consistency and applied.

1937: Owyhee (M 635 report).

1938: Not reported.

1939: Not reported.

1940: Not reported.

not verified

Lewisia rediviva

"kanutch" (Montana); "ka-ner-theh" (P); "gunga" (P&S);
"bitter root"

Alterative: root dried, pounded, taken.

1937: Ft. McDermitt (Murphey, M 141 reports).

1938: Not reported.

1939: Not reported.

1940: Not reported.

Libocedrus decurrens

"pah-wah-pee" (P)

Preventative branches and bark boiled, decoction taken
against in- when contagious diseases are in family.
fectious di-
seases:

1937: Price's Lake (B&S 67 report).
1938: Not reported.
1939: Not reported
1940: Not reported.

Ligusticum cusickii

"co-chu-lee mah-too" (W); "bas-oh-wip", "bah-soh-wip" (S)

Menstruation: root boiled, one-half cup decoction taken every day.

Tonic: roots boiled, decoction taken.

1937: Not reported.

1938: Not reported.

1939: Gardnerville and Dresslerville (Smokey report);
Upper Reese River (McCann report).

1940: Not reported.

Ligusticum sp.

no name (P)

?

Earache: root mashed, applied as hot poultice.

Rheumatism: root dried, shaved fine, boiled in a little water, decoction taken often.

1937: Not reported.

1938: Not reported.

1939: Not reported.

1940: Yerington (James report).

Linum lewisii

"booie-ah-nooma", "booie-na-tizuah", "poohi-toneyeziangu",
"po-eena-tiz-wa", "quez-on-quos", "poo-eena-tiz-wah", "boo-e-
nut-tizuah" (P); "boo-ee-nut-zoo", "poo-ena-nut-tiz-zooh",
"quita woyumb", "boo-eep-nut-zooh", "poohinatesua", "poo-eena-
nut-tiz-zooh", "boo-ee-nut-tah-zoom", "booie-nut-zoo" (S);
"poo-hinatsu" (P&S); "wild flax", "flax"

Diarrhea: leaves steeped, solution taken.

Eyes - sore: tops steeped in cold water, solution used. Root
steeped, solution used as a wash. Leaves used as
a poultice. Leaves mashed, soaked or boiled, de-
coction used.

Eye-wash: tops soaked in cold water, solution used. Plant
boiled, decoction used. Plant mashed, soaked in
cold water, solution used as a wash. Roots boiled,
decoction used. Leaves mashed, boiled, decoction
used as a wash.

Gall bladder: leaves mashed, applied as a poultice.

Goiter: leaves mashed, applied as a poultice.

Itch: root steeped, solution used as a wash. Leaves
steeped, solution used.

Swellings: leaves mashed, applied as a poultice. Leaves
and stems mashed and applied.

Throat -
sore: leaves steeped, applied as a poultice.

1937: Owyhee (Murphey, Train, M 200, M 385 reports);
Ft. McDermitt (Train report); Ely (Train report);
Austin (Train report); Stillwater (Train report).

1938: Austin (Birchum report); Beatty (Dock report);
Summit Lake (Siwabe report).

1939: Elko (Minnie Coochum report).

1940: Smith Valley (Joaquine report); Fallon (Cushman
report); Winnemucca (Jack report).

Lithospermum ruderale

"nom-ishaw", "nomishaw", "nem-ish-aw", "nom-ish-aw", "not-misha",
"nemesaw", "notmisha", "nemasaw" (S); "cromwell", "stone seed"

Birth - root tea used daily over a period of six months.
control:

Diarrhoea: root dried, boiled, decoction taken. Roots boiled,
decoction taken. Roots soaked, solution taken.

Dysentery root boiled, decoction taken.
(bloody flux):

Dyspepsia: tea from root used.

Haemorrhage - root dried, boiled, decoction taken.
internal:

Laxative: root boiled, decoction taken in dose of $\frac{1}{2}$ cup or
less.

Menstruation: tea from root used.

Stomachache:- roots boiled, decoction taken. Root boiled, de-
indigestion: coction taken in dose of $\frac{1}{2}$ cup or less.

1937: *Reno (M)*
Owyhee (Murphey, M 203, M 388 reports); Beowawe
(Murphey report); Elko (Murphey report); Reese
River (Murphey report); Ruby Valley (Murphey,
Train, M 413 reports).

1938: Not reported.

1939: Elko (Maggie Patterson, Minnie Coochum reports);
Ruby Valley (Billy Mose, Margaret Knight, Topsy
Long reports).

1940: Beowawe (Machado report); Wells (Johnson, Pabawenas
reports).

Lupinus sp ssp

"quee-duh-quen-ah", "cupi-chuk" (S); "quee-duh-kwena" (P)

Bladder: plant boiled, decoction used.

Urination - seeds boiled, decoction used. Plant boiled,
to stimulate: decoction used.

1937: Beatty (Murphey report); Owyhee (Train report).

1938: Not reported.

1939: Not reported.

1940: Not reported.

The original data does not say (20)

Lycium andersonii

"kat-sarra-buh" (P)

Sores: ripe berries, dried, powdered, applied.

1937: Schurz (Murphey report).

1938: Not reported.

1938: Not reported.

1940: Not reported.

Lygodesmia spinosa

"too-man-abbe", "pee-ee-ah-gub" (cotton root), "too-wan-u-ba", "sah-nabbe", "too-wan-oo-pah", "nu-mu-sa-na-caw", "see-ko-pe", "moh-mu-goop-ah", "i-goon-zon-um" (P); "toh-no-be", "see-kope", "tah-ve-sun-ee-quoh", "vin-ah-ee-go", "tin-ah-ee-ge", "nah-no-dekinib", "tah-be-sen-a-goh" (S); "wa-ha-nane" (W); "thorny skeleton plant", "desert gum", "gum plant", "indian gum"

Boils: cotton fuzz about base of plant applied as drying agent.

Chewing gum: exudate secured at crown of root. Resinous pellets on roots and branches chewed.

Emetic: tops boiled in a little water, decoction taken.

Eye wash: tops of plant boiled, decoction taken.

Haemorrhage - rectal: tops boiled in a little water. Less than one-half cup decoction taken to stop bowel haemorrhages.

Physic: tops boiled in a little water, decoction taken. Tops boiled, decoction taken.

Sores: cottony fuzz at base of plant applied as a drying agent.

Swellings: roots boiled, hot decoction used as a wash.

Tonic: roots mashed, boiled, decoction taken.

Toothache: cotton from base of plant placed in tooth cavity.

Vomiting: plant boiled, decoction taken.

1937: Nixon (Murphey report); Dresslerville (Murphey report); Red Rock Road (B&S 32 report); Ely (Train report); Austin (Train report); Minden (M 559 report); Summit Lake (M 612 report).

1938: Austin (Hooper report); Ely (George report); Beatty (Dock report); Nixon (Mauwee report).

1939: Schurz (Willie Frank report).

1940: Hawthorne (Johnson report); Schurz (Sheep, Quartz reports); Yerington (Thompson report); Smith Valley (Joaquine, Milton reports); Fallon (Cushman report).

Malacothrix sp. ?

9

Heart de-
pressant:

tea of leaves used.

1937: Owyhee (Murphey report).

1938: Not reported.

1939: Not reported.

1940: Not reported.

Malva rotundifolia

not verified

"mallow"

Childbirth - plant tea used.
infection
after:

Laxative: plant boiled, decoction taken.

Physic: plant boiled, decoction taken.

1937: Virginia City (Allen 475 report); Trout
Creek (Goodner & Henning 1099 report).

1938: Not reported.

1939: Not reported.

1940: Not reported.

Marrubium vulgare

"quee-ban-cob", "quotz-oh-boh-gah", "who-see-ty-man-abba" (P);
"sheep-sohm-boh-nay" (S); "soldier's tea", "white man's foot",
"horehound"

Circulation - plant whipped on aching part of body to stimu-
poor: late circulation.

Cough: California indians use the plant.

Counter plant whipped on aching part of body to act as
irritant: a counter irritant.

Diarrhea: leaves boiled, decoction taken.

1937: Secret Valley (M 232 report).

1938: Not reported.

1939: Reported (Elko - Minnie Coochum - but no use).

1940: Schurz (Quartz report).

Mentha penardi *canadensis*

"tau-chee-tan-ne-gah" (P); "baguana", "ba-guana", "paquana" (S);
"peppermint"

Beverage: plant dried, tea made.
Colic: plant used.
Cramps: cup of roots boiled, decoction taken hot.
Fever: tea from plant used to reduce fever in children.
Gas pains: plant steeped, first water poured off, resulting
solution taken. Tea from plant used.
Headache: cup of roots boiled, decoction taken hot.
Indigestion: tea from plant used.
Stomachache: plant steeped, first water poured off, resulting
solution taken. Roots boiled, decoction taken.

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Battle mt.; Elko; Ely; Tonopah

1937: Owyhee (Murphey, M 371 reports); Smokey Valley
(Murphey report), King's Canyon (B&S report);
Austin (M 463 report); Minden (M 532 report).
1938: Not reported.
1939: Not reported.
1940: Not reported.

Mentha occidentalis canadensis

Throat - sore: leaves chewed.

Wash - external: tea from leaves used as a wash for headache and fever.

- 1937: Not reported. *dens* (B+S 14); Reese R. (Murphy)
- 1938: Ely (George report); Nixon (Mauwee report); Beatty (Shaw report).
- 1939: Monitor Valley (Tim Hooper report); Manhattan (Maggie Jack report).
- 1940: Fallon (Steve, Springer, Cushman, Novice, Hitchaman, Moore reports); Hawthorne (Johnson, Miller reports); Schurz (Cleveland, Quartz reports); Yerington (Thompson, Bob reports); Smith Valley (Jones report); Lovelock (Lowry report); Winnemucca (Cavanaugh report); Campbell Ranch - Mason Valley (Quinn report).

Mentha sp. *canadensis*

"pah-quanna" (Moapa P); "paquana", "pah-kwana" (S); "paquanah" (P&S); "see-na-tiva" (P); "peppermint", "wild mint", "common water mint"

Colds: leaves made into a tea and taken.

Colic: leaves made into a tea and taken.

Diarrhea: leaves boiled, until strong decoction is made, then taken.

Fever: tea from plant used. Tea from leaves used.

Gas pains: tea from plant used. Tea from leaves used. Leaves steeped, first water poured off, next steeping is good and used.

Indigestion: tea from plant used.

Swellings: leaves mashed, applied as a poultice.

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1937: Nixon (Murphey report); Moapa (Murphey report); Ruby Valley (Murphey report); Owyhee (Train, M 204 reports); Papoose Creek (M 378 report).

1938: Moapa (Benn report).

1939: Gardnerville and Dresslerville (Smokey report).

1940: Not reported.

Mimulus guttatus

"undavichquana", "unda-vitch-quana" (S); "yellow snapdragon",
"yellow mimulus", "monkey flower"

Blood poisoning: fresh leaves used as a poultice.

Burns - rope: fresh leaves used as a poultice.

Wounds: fresh leaves used as a poultice.

1937: Owyhee (Murphey report); Elko (Murphey report);
Smokey Valley (Murphey report); Miller Creek
(M 354 report); Austin (M 501 report).

1938: Not reported.

1939: Not reported.

1940: Not reported.

Monardella odoratissima

"guy-moh", "toya-abba-hobe", "bur-nut-zoo", "oh-he nut-zoo", "quoy-he-nut-zoo" (S); "guy mohpu", "too-buzz-see-be", "see-boo moh-goon-up" (P); "paal-huve-it" (W); "horsemint", "pennyroyal"

Beverage: stems and leaves boiled, decoction used. Stems and flowers made into a tea and used. Stems steeped.

Blood purifier: plant dried, boiled, decoction taken.

Coughs & colds: leaves boiled, decoction taken. Plant boiled, decoction taken in small cup doses.

Eyes - sore: stems and flowers steeped in warm water, solution used as wash for sore and inflamed eyes.

Eye wash: stems and leaves boiled, cooled, decoction as a wash.

Gas pains: tea made from tops, used for relief. Stems, flowers and leaves boiled, decoction taken hot.

Headache: leaves boiled.

Heartburn: tea made from the tops and taken.

Indigestion: tea made from the tops and taken.

Menstruation: tea made from flowers and upper stems used as a regulator.

Physic: tops boiled, decoction used.

Rheumatism: tea made and taken.

Stomachache - indigestion: tea made from the tops and taken. Stems and leaves boiled, decoction taken. Stems, flowers and leaves boiled, decoction taken hot.

Tonics: stems boiled, decoction taken in small doses of $\frac{1}{2}$ cup several times a day.

Vomiting - to stop: stems and leaves boiled, decoction taken to settle upset stomach after vomiting, not to cause vomiting.

Monardella odoratissima

- 1937: Woodfords, Calif. (M 549 report); Fallon (M 627 report).
- 1938: Summit Lake (Siwabe report).
- 1939: Tonopah (Peavine Johnnie, Orna Jagles reports); Smokey Valley (Nick Rogers report); Austin (Birchum report); Round Mountain (Emma Ike report); Monitor Valley (Tim Hooper report); Elko (Minnie Coochum report).
- 1940: Battle Mountain (Tybo report); Lovelock (Lee report); Fallon (Novice report).

Nicotiana attenuata

"pui-bax", "pooh-we-buh-hoon", "todsa-pahmo", "poo-e-pah", "poo-ee-pah",
"new-wha bah-hoon" (S); "pooh-wee-buh-hoon", "puhi-pah-moo", "todsa-bamos",
"bah-moh", "poo-ee-bah-moh", "poo-ee-bah-hoon", (poo-ee, - green; bah-hoon, -
tobacco), "toh-quoh-quah" (P); "pwui-bamo" (P&S); "washoe bancus" (W);
"indian tobacco", "wild tobacco"

- Asthma: plant dried, crushed, "todza" added and smoked. Plant dried, crushed, and smoked.
- Biliousness: tops boiled, decoction taken.
- Colds - head: leaves, flowers and seeds dried, ground, smoked, and smoke inhaled.
- Coughs & colds: plant dried, crushed, "todza" added and smoked. Bits of leaves and seed smoked.
- Cuts: chewed leaves applied.
- Deafness: tobacco smoke blown in ears.
- Dropsy: leaves boiled in a little water, decoction used as a wash.
- Earache: tobacco smoke blown in ears.
- Eczema: poultice of fresh moist leaves applied and changed often.
- Feet - sore: plant soaked in water, tired, burning feet soaked in solution.
- Hives: bath taken in soaked leaves.
- Itch: bath taken in soaked leaves.
- Pains - muscu- lar: ripe seeds mashed, rubbed on aching joints and external pains.
- Physic: a few leaves boiled in water, one-half cup decoction taken.
- Pneumonia: leaves smoked.
- Rheumatism: leaves mashed, moistened, applied as a poultice.
- Skin - dis- orders: fresh, moist leaves applied as poultice, changed often.
- Snake bite: puncture sucked at once, then poultice of mashed moistened leaves placed on bite and bound on.

(Continued on page 2)

Nicotiana attenuata

- Sores: plant powdered, applied.
- Sprains: ripe seeds mashed, rubbed on.
- Stomachache -
indigestion: tops boiled, decoction taken.
- Sweating: tea made from plant with "todza" added, patient covered.
- Swellings: leaves mashed, moistened, applied as a poultice.
- Toothache: leaves mashed, placed along gums to stop aching.
- Trance: leaves smoked on empty stomach.
- Tuberculosis: plant dried, thrashed, then smoked.
- Vomiting: plant ground with water scooped up and swallowed to clean stomach.
- Worms: tops boiled, 1 tablespoonful of decoction three times a day. Leaves boiled, decoction taken.

- 1937: Owyhee (Murphey, Train reports); Nixon (Murphey report); Reno (Murphey report); Yerington (Murphey report); Ruby Valley (Murphey report); Woodfords, Calif. (M 537 report); Rawhide (M 591 report).
- 1938: Not reported.
- 1939: Elko (Maggie Patterson, Minnie Coochum reports); Ruby Valley (Billy Mose, Topsy Long reports).
- 1940: Hawthorne (Johnson report); Schurz (Miller, Sheep, Voorhees reports); Yerington (Thompson report); Smith Valley (Jones, Milton reports); Lovelock (Lee, Lowry reports); Winnemucca (Cavanaugh report).

Oenothera deltoides not occupied

Epilobium sp.

"oo-see-gwadsebu", "oo-see-gwad-sebu", (P); "false nettle"

Legs - leaves ground, rubbed on.
swollen:

1937: Schurz (Murphey, M 74 reports).

1938: Not reported.

1939: Not reported.

1940: Not reported.

Oenothera deltoides

Cenothera tanacetifolia

not verified

Emetic: root is used.

1937: Summit Lake (M 608 report).

1938: Not reported.

1939: Not reported.

1940: Not reported.

Opuntia basilaris (T 1628)

"nah-vomb" (S); "beavertail cactus"

1 wo-gay-te

Cuts: cactus pad cut open, moist inside pulp
applied as a wet poultice to cuts and
wounds.

Wounds: deadens pain and heals wound.

1937: Not reported.

1938: Beatty (Stewart report).

1939: Not reported. *Lida (M. Shaw)*

1940: Not reported.

Undet. *Opuntia basilaris*

"wo-gay-be" (S); "cactus", "prickly pear"

Heart - tea made from the root of a large night bloom-
stimulant: ing cactus.

Warts and cut crossways and cactus fuzz rubbed in. Spines
moles: are cut off and used as a wart and mole remover.

1937: Beatty (Murphey, M 689 reports).

1938: Not reported.

1939: Not reported.

1940: Not reported.

Orobanche sp. *californica*

"doo" (S); "a'ne", "tue-hoo", "ane" (P); "indian potato",
"coral root", "pine cone orchid"

Colds: juice extracted and taken freely.
Piles *bulbous base eaten*
Pneumonia: tea is made from fresh or dried roots and
taken.
Pulmonary: plant dried and used as a medicine.
1937: Washoe Lake (B&S 44 report); Nixon (M 285 re-
port); Austin (M 509 report). *Cortez (Goodman +*
Henning 941)
1938: Not reported.
1939: Listed but not used.
1940: Not reported.

Osmorhiza occidentalis

"pah-wah-capi", "bossowey", "bossoguey", "bas-oh-wip", "tim-bah-hay", "bas-oh-gway", "bah-soh-wip", "tim-bah-hay nut-zoo", "bas-oh-guay", "bas-o-wip", "bas-oh-wip" (S); "bassowep", "pah-wah-capi", "pah-wah-capish", "pah-wah-gah-bish", "pah-wood-tah-gova", "worra-eye-gob", "worra-eye-eg-oh-bah", "pah-wah-gop-ish", "wadda-eye-gop", "bas-oh-guay", "suh-bah-natizuah" (chill medicine) (P); "pasowoip", "bossowoip" (P&S); "sweet root", "sweet anise"

Antiseptics: root boiled, hot decoction used as a wash.

Beverage: roots boiled, hot decoction taken with sugar added.

Biliousness: root boiled, $\frac{1}{2}$ cup decoction taken.

Blood purifier: roots soaked 1 day in cold water, solution taken.

Chills: root boiled, warm decoction taken to stop a chill.

Coughs & colds: roots boiled, decoction taken, "todza" added sometimes. Roots boiled, hot decoction taken. Root mixed with *Leptotaenia multifida* root, boiled, decoction taken. Roots dried, small piece boiled at a time, decoction taken hot. Root mixed with *Artemisia gnaphalodes* plant, boiled, small doses taken hot for heavy colds and coughs.

Cramps: roots boiled, decoction taken.

Diarrhoea: roots dried, tea made and taken.

Emetic: root boiled, $\frac{1}{2}$ cup of decoction taken as strong emetic.

Eye wash: root boiled, decoction used as a wash. Roots boiled, decoction cooled, used as a wash.

Fever - to reduce: roots boiled, decoction taken hot, less than $\frac{1}{2}$ cup at a time. Used at Fallon. Roots boiled, decoction taken hot. Root mixed with *Artemisia gnaphalodes* plant, boiled, small doses of hot decoction taken.

Flu: root mixed with *Leptotaenia multifida* root, boiled, decoction taken. Roots boiled, decoction taken. Roots made into a tea.

Osmorhiza occidentalis

- Gas pains: tops eaten raw to relieve indigestion, stomach distress due to gas pains. Roots boiled, decoction taken hot. Roots boiled, decoction taken.
- Hair & scalp: root boiled, decoction applied hot.
- Headache: freshly dug root pieces placed up each nostril, odor inhaled.
- Head lice: roots boiled, decoction used as a wash. Roots boiled, hot decoction applied as a wash.
- Itch: root boiled, decoction used as a wash for itching skin, skin rashes.
- Laxative: roots boiled, decoction taken as a mild laxative.
- Measles: root boiled, hot antiseptic wash used. Root mashed, in water, solution used as a wash. Roots and leaves boiled, decoction used as a wash.
- Pain - abdominal: root mashed, applied as a poultice. Tops eaten raw to relieve pain in abdomen due to gas pains, gas in intestines.
- Physic: leaves and tops boiled, decoction taken.
- Pneumonia: tea from roots to which "todza" is added, taken.
- Shortness of wind: root soaked in large container, weak decoction taken often daily.
- Skin disorders: root boiled, decoction used as a wash.
- Snakebite: roots mashed, applied as a poultice.
- Sores: root mashed, applied as a poultice.
- Stomachache - indigestion: tea from the roots used. Root boiled, hot decoction taken for indigestion and sour stomach. Root boiled, decoction taken. Tops eaten raw to relieve. Roots boiled, decoction taken hot as a tea.

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Osmorhiza occidentalis

- Swellings: roots mashed, heated in oven or over coals. Warm poultice applied.
- Throat - sore: roots chewed. Roots chewed raw.
- Tonic*
Toothache: *Tea* raw root used.
- Venereal: roots boiled, decoction taken. Roots boiled with Leptotaenia multifida root, decoction taken. Root boiled, decoction bottled or kept in open pan, $\frac{1}{2}$ cup taken every evening. Plant boiled, decoction taken. Roots boiled, decoction taken over a long period.
- Whooping cough: root boiled, decoction taken hot, several teaspoonfuls at a time.

- 1937: Owyhee (Murphey report); Elko (Murphey report); Reese River (Murphey report); Ruby Valley (Murphey report); Ely (Train report); Austin (Train, M 497 reports); Stillwater (Train report); Papoose Creek (M 382 report). *Schurz (M)*
- 1938: Austin (Hooper report); Ely (George report); Summit Lake (Steve report).
- 1939: Elko (Maggie Patterson report); Lida (Maggie Shaw report); Schurz (Willie Frank⁸³ report); Belmont (Sarah⁷⁵ Spud report); Ruby Valley (Billy Mose⁸², Margaret Knight⁸⁰, Topsy Long⁸¹ reports); Monitor Valley (Dick Allison re-⁷⁹ port); Tonopah (Peavine Johnnie⁷¹, Wagon Johnnie⁷², Orna Jagles reports⁷³); Round Mountain (Emma Ike, Mike Millet reports); Smokey Valley (Nick Rogers report); Upper Reese River (Darrough & Dyer reports); Manhattan (Anderson, Maggie Jack reports); Elko (Minnie Coochum⁸⁴ report).
- 1940: Fallon (Steve, Dyer, Novice, *name only* Cushman, Moore reports); Hawthorne (Johnson report); Schurz (Cleveland report); Yerington (James⁹⁰, Thompson⁹¹ reports); Smith Valley (Jones, Joaquine reports); Battle Mountain (Wiggins, Woods reports); Beowawe (Machado report); Wells (Johnson, Pabawenas reports); Lovelock (Lee, Lowry reports); Winnemucca (Jack, Cavanaugh reports).

Demortiera ?
no herb spec

Undet.

"wo-orra" (S)

Bowel - root soaked in hot water, solution taken.
disorders:

Diarrhea: root soaked in hot water, solution taken.

Dysentery: root soaked in hot water, solution taken.

1937: Tonopah (Morphey, M 642 reports).

1938: Not reported.

1939: Not reported.

1940: Not reported.

Paeonia brownii

"pah-na-den", "de vas", "but-tu-vah", "pah-nah-din", "bah-din-ah", "nas-we-kah nut-zoo", "but-tu-vah", "witch-ah-do-oh", "bah-div-ah", "dag-e-boh nut-zoo", "pah-dib-ah" (S); "pah-too-bah", "bati-pi", "patipava", "pah-sue-gee-pu", "bah-tee-vah" (P); "batipi" (P&S); "doo-yah-gum-hoo", "tue-ago-nomo" (W); "batipava", "newa-tama" (Burns Colony, Ore.); "wild peony"

Boils: roots dried, ground to a fine powder, applied as a poultice.

Burns: root dried and powdered - applied.

Coughs and colds: boil root, decoction taken.

Cuts and wounds: root mashed, applied as poultice. Root dried, shaved fine, applied to deep cuts, as a healing agent.

Diarrhoea: root boiled, decoction taken.

Eye wash: roots soaked in cold water. Solution used as wash. Ripe raw seeds crushed - used. Root boiled, decoction cooled, used as a wash.

Gargle: roots boiled, decoction used as gargle for sore throat.

Kidney disorders: roots boiled, decoction taken in quantity. Dried root boiled, decoction taken in dose of 1 cup three times daily - 3 years. Seeds steeped, solution taken before each meal.

Nausea: roots steeped, solution taken.

Pulmonary: roots steeped, solution taken.

Sores: root dried and powdered, applied. Root dried, shaved fine, applied as a healing agent.

Throat - sore: root boiled, decoction used as a gargle for sore throat. Small piece of root and suck.

Paeonia brownii

Tuberculosis: root boiled, decoction taken.

Venereal: roots boiled, decoction taken over long period.

1937: Owyhee (Murphey, Train reports); Smokey Valley (Murphey report); Dresslerville (Murphey report); Janesville, Calif. (B&S 60 report); Ely (Train report); Stillwater (Train report); Papoose Creek (M 368 report); Austin (M 502 report).

1938: Summit Lake (Siwabe report); Ely (George report).

1939: Elko (Minnie Coochum, Maggie Patterson reports); Ruby Valley (Billy Mose report); Manhattan (Maggie Jack report); Upper Reese River (Jimmie Darrough report).

1940: Battle Mountain (Tybo, Crawford reports); Beowawe (Machado report); Wells (Pabawenas report); Fallon (Novice report); Winnemucca (Jack report).

Parrya menziesii

"toya-hoe-gob" (P); "toya-hoe-gob" (S)

Childbirth - roots boiled, decoction taken.
tonic after:

1937: Not reported.

1938: Not reported.

1939: Not reported.

1940: Winnemucca (Jack, Cavanaugh reports).

Pedicularis attolens (T 3273)

"wem-she" (W); "elephant head"

Cuts: leaves mashed and applied as poultice.

Sores: leaves mashed and applied as poultice.

Swellings: plant boiled, swelling soaked for several hours.

Tonic: leaves boiled, decoction taken.

1937: Not reported.

1938: Not reported.

1939: Gardnerville (Smokey report); Gardnerville and Dresslerville (Holbrook report).

1940: Not reported.

Pedicularis ~~sp.~~ (T 4658) (resembles P. centranthera)
(Flw. pink)

"gooie-took-ie" (S)

Stomachache - root boiled, decoction taken to relieve. Used
indigestion: only for small children.

1937: Not reported.

1938: Not reported.

1939: Not reported.

1940: Wells (Pabawenas report).

Pentstemon deustus

"dimbshaego", "sebu", "dim-bashego", "tim-bah-she-bah", "pohinatesua", "tim-bah-hay nut-zoo", "dim-bah-shego", "dim-bah-sego", "dimbahshego", "see-nut-zoo" (foot medicine) (S); "too-buzz-see-bee" (P&S); "tu-pasi-wup-we", "todsi-tonega", "too-buzz-sah-wop" (P); "pentstemon", "white pentstemon"

- Colds: plant boiled, decoction taken.
- Ear: leaves and stems boiled - to strong decoction, cool, apply by $\frac{1}{2}$ teaspoonful drops and used as wash - cover with warm cloth, once a day three days.
- Eye wash: plant steeped, solution used as wash. Leaves boiled, decoction strained, used cold.
- Feet - sore: plant boiled, hot decoction used as foot bath.
- Impetigo: stems and leaves dried, ground, moistened to paste and applied.
- Mouth - sore: dry or green leaves mashed, placed on canker sores in mouth.
- Physic: plant steeped, solution taken.
- Rheumatism: plant boiled, decoction taken.
- Skin - disorders: leaves and stem boiled, decoction used as wash.
- Sores: leaves and stem boiled, decoction used as wash. Root powdered and applied. Raw leaves mashed, juice used as wash (gonorrhoeal). Leaves powdered, applied.
- Stomachache - indigestion: leaf dried, stored - steeped, solution taken. Leaves boiled, decoction taken.
- Swellings: leaves, stems and flowers used as poultice. Roots and leaves ground, applied as poultice.
- Syphilitic sores: tops ground and dried, applied. Leaves powdered, applied. Root powdered, applied to sores.
- Veins (swelling): leaves and stems boiled, decoction used as wash or for soaking.

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Pentstemon deustus

Venereal: tops boiled, decoction taken. Tops boiled, decoction used as wash.

- Owyhee, Winnemucca (Murphey)*
- 1937: Smokey Valley (Murphey, M 482 reports); Owyhee (Train, M 364 reports); Ft. McDermitt (Train report); Stillwater (Train report); Austin (M 466 report).
- 1938: Summit Lake (Siwabe report).
- 1939: Tonopah (Peavine Johnnie, Orna Jagles reports); Peavine Creek (Andy Fraser report); Round Mountain (Emma Ike report); Smokey Valley (Nick Rogers report); Upper Reese River (McCann report); Manhattan (Maggie Jack report).
- 1940: Fallon (Steve, Novice reports); Wells (Johnson, Pabawenas reports); Winnemucca (Jack, Cavanaugh reports).

Pentstemon eatonii

"toh-quoh-bag-um" (S)

Burns: plant boiled, decoction used as a wash.

1937: Not reported.

1938: Beatty (Stewart report).

1939: Not reported.

1940: Not reported.

Pentstemon sp. ? (T 1920) *fragment*

"toh-quoh-wat-ziv" (Moapa P)

Toothache: root chewed and stuffed into cavity.

1937: Not reported.

1938: Moapa (Benn report).

1939: Not reported.

1940: Not reported.

longifolia
Phlox ~~canescens~~

"din-ah-ee-go", "so-go div-o-wah", "eye-go-dun-um", "eye-go-dun-um mut-zee", "so-go div-oh-sah", "so-go ron-zee-ah", "so-go donzeeah", "so-go-ron-zee-ah" (ground plant), "sogo-tah-hee-boh-womb" (S); "tu-be-man-up", "toh-hah tonegan", "quee-duh-too-nabba", "moh-goon-zee-eye-ah" (P); "wild phlox"

Boils

Leaf decoction

- Diarrhoea: root mashed, soaked in cold water, solution taken. Root steeped, warm solution taken.
- Eyes - sore: roots steeped in cold water, solution used.
- Eye wash: roots washed, scraped, soaked in cold water, solution used. Roots boiled, decoction used. Root boiled, decoction used as wash. Root scraped, soaked in cold water, solution used as wash.
- Physic: roots washed, boiled, decoction taken.
- Stomachache - indigestion: roots boiled, decoction given children. Root soaked in cold water, solution taken. Plant boiled, decoction taken.
- Venereal: roots boiled, decoction taken.
- 1937: *Austin (M 456) Owyhee (M 205)*
Eureka (Train report); Stillwater (Train report);
Stewart + Dock.
- 1938: Beatty (Shaw report).
- 1939: Peavine Creek (Andy Fraser report); Manhattan (Maggie Jack report); Tonopah (Wagon Johnnie, Orna Jagles reports); Elko (Minnie Coochum, Maggie Patterson reports); Monitor Valley (Dick Allison report).
- 1940: Fallon (Steve, Cushman reports); Yerington (James, Thompson reports); Battle Mountain (Tybo report); Beowawe (Machado report); Wells (Johnson report); Winnemucca (Jack report).

Phlox sp.?

Undet.

"saga-donzia" (S); "pink phlox"

Diarrhea: leaves steeped, solution taken.

1937: Owyhee (Murphey report).

1938: Not reported.

1939: Not reported.

1940: Not reported.

Phragmites communis

"bee-havie" (P)

Candy: sugar cane reed chewed.

Pneumonia: sugar chewed. It cuts the phlem from the lungs.

Pulmonary: sugar chewed, for pain in lungs.

1937: Not reported.

1938: Not reported.

1939: Not reported.

1940: Lovelock (Lee, Lowry reports).