MINING NEWS IN THE WEST

OVER \$80,000,000 INVESTED IN NEVADA.

Valuable Bureau of Inquiry New Developments at Searchlight-Mining News Beiled Down.

The New York Mail estimates that over \$80,000,000 have been invested in mining districts in Nevada and a great part of this comes from the wealthiest, shrewdest and most successful mine operators of this as well as other countries. There are included among these operations capitalists of London

who represent over \$100,000,000.

The Stray Dog, at Manhattan, shows two feet of ore in lease No. 1 which carrries an average gold value of \$500 to the ton. At a depth of 135 feet in lease No. 1 both drifts are in pay ore and the development of a three-foot shoot is now being advanced. An immense tonnage of ore running from \$40 to \$70 is in sight.

Yellow Horse, in Manhattan district, has made a very important strike and the vein is five feet wide and carries very high values. A recent shipment of Jumping Jack

ore from Manhattan averaged \$200 per A find of much importance has been

made across Smoky valley from Manhattan. The Round Mountain Antelope com-

pany has made a shipment of ore which averaged \$2000 per ton. On the fifty foot level the vein fairly sparkles with gold and some of this high grade stuff is now being sacked for shipment. Pittsburg people have recently pur-chased a half interest in the Melville,

Buster and other claims in the Round mountain country.

The Round Mountain Antelope prop-

erty has struck a strong vein six feet wide of wonderfully rich ore. A re-cent shipment of seven tons of ore from this property went over \$2000 per

Bureau of Inquiry.

For the protection of the mining investors of the United States, the American Mining congress has established a bureau of inquiry, through which in-formation can be obtained as to the condition of the property and the standing of the company that has asked or is asking for the money of the investor.
The American Mining congress is

a national organization of mining men, rate department of the national gov- high values. ernment, and for the enactment of Many are rushing to the new fields, laws in the various states making the which were worked superficially years concealment or misrepresentation of ago, but owing to their remote loca-any material fact concerning a mine upon which a fraudulent sale of stock Platinum is found in the sands also. is predicated a criminal offense

In order that its board of directors may be kept in touch with the general sentiment of the mining world an an-nual session is held, to which delegates are sent by the president of the United States, the governors of the several states, the mayors of cities and the commercial bodies of America. At its permanent headquarters at Denver, under the direction of its secretary a regular force is constantly employed in carrying on its work, no small part of which will be the protection of investors against mining frauds, to the end that mining may be placed more and more on an investment rather than a

speculative basis. This bureau of inquiry will be absolutely impartial in its findings, sole purpose being to prevent ill-advised mining investments and to save the west from the disgrace which follows dishonest mining promotion.

In order to thoroughly eradicate fake promotion, the American Mining congress is pledged to give inquiring members information absolutely unbiased, collected from unprejudiced sources, largely its own trusted correspondents, and to have but one end in view, the protection of the investor, its belief being that every dollar im-properly invested is a damage to all legitimate mining and that the highest good of the mining industry may be served by warning investors against improper investments and furnishing such information as will guide them into channels which give promise of

Developments Near Searchlight.

During the past three months pros pectors have been diligently at work staking off scores of claims on the flat west of the town of Searchlight in Nevada. Heretofore this district was considered valueless from a mining standpoint owing to the absence of ledges and surface showings.

Edwin Carlson of Rock Springs, Wyoming, staked off eight claims, naming them the Wyoming Search-light group. He began operating sevearl months ago by sinking a 5x7 working shaft, intending to go to water level. At a depth of 100 feet a large body of iron stained quartz, heavily impregnated with silica and spar, was struck, and an average assay of the vein ran better than \$20 per ton in gold. Following the course of the footwall the shaft was sunk from this level and at 200 feet the values increased to \$32 and the vein seven feet

Adjoining the Wyoming on the west lies the Golden Rod group, the property of John Wheatley. A force of men have been prospecting this group for some time past and many shallow cuts and trenches have been made. A forty foot shaft has been sunk on the Golden Rod claim and the foot and hanging walls of the ledge have been struck. The vein is about five feet in width and an average as-say across returned \$14. Eleven assays from different open cuts and the shaft

weth. The end sought is the owner-ship of a rich ledge of ore which is an extension of the ledge running through the Zaragosa claim, owned by the Black Mountain Mining company, also the profits on ore heretofore taken out of the ledge.

The ore shipments over the Tonopah railroad for a week, as reported by the Western Ore Purchasing company, aggregated 2841 tons, divided as follows: From Tonopah—Tonopah company, 820 tons; Tonopah Etxension, 515 tons; Belmont, 320 tons; Midway 100 tons; MacNamara, 93 tons; Montana-Tonopah, 93 tons. From Goldfield, 900

Superintendent O. K. Reed reports another big strike in the property of the Goldreed Mines company at Ka-A new ledge was recently encountered in the west crosscut on the fifty-foot level, at a point about seventy-five feet from the shaft, and the same ledge has been opened up in the west crosscut on the 200-foot level, about 125 feet from the shaft. The new ledge is eight feet wide and two feet of the ore assays \$240 a ton, while the remaining six feet averages \$17.09. The old ledge has been developed in the east crosscut on the 200-foot level, about forty feet from the shaft. At this point the vein is

has been completed. The work of construction has been in hand for six weeks or more. The road from mine to smelter is over five miles in length and will be a great convenience to the company and the public generally. Freight and supplies intended for the mine have heretofore been hauled from Kennett. As soon as a depot is es-tablished at Redding, if not before, all supplies intended for the mine will be shipped direct by railroad to Coram.

A new mining district has been discovered within thirty miles of Man-hattan and this is the first mention made of it in the press. It lies in the Tybo range, near the Moore ranch. The name of the camp is the New Era and six locations have been made by the discoverer, who is a woman, and townsite is laid out.

MINERS RUSH TO NEW STRIKE

Report Shows High Values in Old Douglas Creek Placer Claims District.

Cheyenne, Wyo. -Thousands of acres of placer claims in the Douglas Creek district, the mineral deposits of which the directors of which are men of the lare estimated by experts to be worth highest standing in their own states, from \$15,000,000 to \$20,000,000, will be whose only interest is the uplifting of the mining industry. To this end and among other things the organization is working for the creation of a department of mines and mining as a separate department of the patients are always as a separate department of the patients department department of the patients department departme

California Items of Interest.

Ventura county has begun to ship ner bean crop.

Freestone peaches are worth \$35 per ton at Visalia.

This seasons apricots at San Jacinto averaged \$23.50 a ton.

The hop territory from Sacramento to Santa Rosa is short of pickers.

Choice clingstone peaches bring \$45 ton at the Fresno canneries.

Deer hunting season commences August 1st and closes October 15th. Orange county has within her borders

half a million bearing fruit trees. Several varieties of plums shipped

east have netted the growers \$130 a

Redlands has this season shipped 3025 cars of oranges and 13 cars of

The Hood river district in Oregon will market about 150,000 boxes of ap-

Prunes in Tulare county are heavy in

crop, size and price, and the grower is Careful computation shows that the

honey crop of the State will be about two-thirds that of last year.

Deciduous fruits from California are bringing heavier prices in the east than for several years past.

The prune crop of Washington and Oregon is about three times the

amount marketed last year. On account of hot weather crops in Central California will prob-

ably ripen earlier than usual. The estimate for the 1906

Clara prune crop is identical with the output for 1904, 95,000,000 pounds. The best wine grapes will easily

bring \$35 per ton this year where but \$20 could be obtained last. Mexico is going into the beet sugar

industry and has granted an American an exclusive grant for ten years. The present crop of apples in the Pajaro valley will run about the same

at last season, 3000 cars of 15 tons each. The hay and grain crops are heavier than usual throughout the State, some districts reporting an increase of 40 per cent.

Watermelons cannot be grown with profit for more than four years on the same soil, at least in Central California. - Secramento Union.

The vineyardists of the San Joaquin valley have 350,000 tons of grapes to pick and very little help. Some pickers are making as high as \$3.50

per day.
The Porterville Citrus Fair will give prizes for the following "side issues:" Floriculture, 18 prizes; housekeeping industries, 18 prizes; needlework, 11 prizes; art 22 prizes; amateur photography, 2 prizes; Indian baskets, 5 prizes.—California Cultivator.

Its Origin.

The game of chess had been invented. "It's for those," the inventor explained, who enjoy the wild excitement of a game of cricket, but are compelled by rain, cold, Italians and the remainder Spaniards. from different open cuts and the shaft or other untoward conditions to play in-ran from \$4.30 to \$113 in gold per ton.

A big mining suit is on trial in Nogales in which more than a million dollars is involved. The plaintiffs are Mrs. F. L. Butterfield of Los Angeles and C. H. Dougherty of Cripple Creek, Colo. The defendants are the Black Mountain Mining company, Dr. W. F. Chenoweth and H. K. Chenoweth. The end sought is the ownership of a rich lad. MANY LIVES LOST

CAPTAIN OF THE ILL-FATED VESSEL ADMITS MAKING FATAL BLUNDER.

Italian Steamer Goes Down Just Off Cape Palos—List of the Dead Numbers Fully 300-Survivors Left Without

Passengers confirm the fearful na-

ture of the calamity. From the

The captain, in order to shorten the

route and gain time, proposed to pass as close as possible to the dangerous

Panic Soon Followed.

beneath the waves. The passengers were in a state of horror and panic.

Crowds rushed forward, pushing each

other and fighting for places in the

bow of the boat.

Many fell and were trampled to death. Dozens of men and women

baby was advised to abandon the child

and try to save herself alone. This she

ferred that they die together. Both

eventually were picked up alive from

tain and officers of the Sierio endeav-

ize a system of life saving. This was not accomplished, for the vessel sud-

denly either broke in half or glided off

drowning passengers. The other bis-

hop, who was first supposed to have

safe. He is at Cartagena. A steamer engaged in rescue work has reached port. She has on board the bodies of

The Austrian consul at Rio de Ja-

neiro was saved, but lost a large

amount of money when the vessel went

It Is Always Unlawful

dear meat or deer skins.

game birds.

permission.

To buy, sell, offer for sale, barter or

To take or destroy nests or eggs of

To ship game in concealed packages

To buy or sell trout less than one-

To take at any time sturgeon or fe

To take abalones less than fifteen

To take trout or black bass, except

To take fish in any manner within

fifty feet of a fishway.

To shoot on enclosed land without

Laramie, Wyoming, Man Draws Big

Prize.

Lander, Wyo.—Hans Berlin, of Laramie, Wyo., drew No. 1 here Saturday in the lottery of Shoshone Indian res-

the general land office, with Judge J. S. Maginnis, of Billings, Mont., and Colonel W. R. Schnitger, of Cheyenne,

Hans Berlin of Laramie, Wyo., who

The statement has been made that

IMMIGRATION INCREASES

Aggregate Is Over Million, But Many

Undesirable Cast-Offs Were

Returned.

Washington.—Revised figures indicate that the immigration to this coun-

try during the fiscal year ending June

during the fiscal year 1905.

The drawing was in charge of Com-

without your name and address

half pound in weight.

inches in circumference.

with hook and line.

ervation homesteads.

Wyo., as referees.

the homesteads offered.

veral infants.

threw themselves into the sea.

A few minutes after the vessel sank

Food or Clothing. Cartagena, Spain, Aug. 5.—Three hundred passengers perished and 500 people are stranded at Cape Palos as a result of the sinking of the Italian Fishermen brought in the first news

result of the sinking of the Italian steamer Sierio Saturday night. steamer Sierio Saturday night.

The vessel struck Bajos Homigas, a dangerous reef off Cape Palos, known to every seamen who has sailed in these waters as one of the most development of the Sierio and it created consternation here. Boat loads of ship wrecked people and the crew began to come ashore shortly after the waters as one of the most dangerous news was known. points encountered by ocean going ves-

Fishermen who came to the rescue of broken narratives of the terror-stricken the passengers and crew succeeded in survivors it would appear that it was saving several hundred lives, but in at- the intention of the captain of the tempting to crowd the boats with Sierio after leaving Barcelona to call human freight one was overloaded and at Cadiz before proceeding to Brazil. sank with all on board.

The scene at Cape Palos, where the values of \$38.

The new wagon road from Coram to the Balaklala mine in Shasta county

The head of the scene at Cape Palos, where the route and gain time, proposed to provide the danger as close as possible to the danger the crew are huddled together is one of ledges surrounding the Hormigas lands. Without any warning and where the route and gain time, proposed to provide the crew are huddled together is one of ledges surrounding the Hormigas lands.

ndescribable sadness.

Parents look in vain for their chilrunning at full speed the Sierio crashdren, and vice versa. One woman who ed upon the rocks with terrific force. was informed that her whole family had been lost became a raving maniac. This is but one of many similar inci-

Without food, shelter or clothing, 500 people are seeking in vain for some means of escape from their terrible plight, the meanwhile searching for the bodies of their loved ones who were lost at sea. Bodies are continually being washed ashore and as the dead are laid out on the beach eager faces peer at them in an endeavor to locate young mother who was carrying her lost relatives or friends.

Tugs have been dispatched to the scene carrying supplies, and actual refused to do, declaring that she presuffering for the want of food will soon ferred that they die together. Both be at an end.

As an example of the heroic work of the water.

As an example of the heroic work of the water.

In the midst of this panic the capthe fishermen it might be stated that one boat saved 24 passengers. But for the prompt work of the rescuers the total loss of life would have exceeded 700, as few of the boats launched from the system of life saving. This was the steamer reached shore.

Cartagena, Spain, Aug. 5.-A terrible marine disaster occurred last evening off Cape Palos. The Italian steamship Cierio, from Geneo for Barcelona, Cadiz, Montevidio and Buenos Ayres, which had about 800 persons on board, was wrecked off Hormigas Island.

Three hundred emigrants, mostly Italians and Spaniards, were drowned. The Bishop of San Pedro, Brazil, also was lost, and it is reported that another bishop is among the missing.

The remainder of the passengers, officers and crew got away in the ship's poats or were rescued by means of boats sent to them from the shore. A number of fishermen who made at- taken.

tempts at rescue were drowned. Those rescued from the vessel are ow at Cape Palos in a pitiable condition, being without food or clothing.

Strikes Rocky Reef.

The Sierio struck a rocky reef known as Bajos Hormigas, and sank fawns, elk or antelope. soon afterward, stern first. Hormigas To take or kill phoisland lies about two and a half miles White quail. to the eastward of Cape Palos.

The Sierio was owned by the Navi-gazio Italia of Genoa. The captain stated the steamer had during the close season.

645 passengers on board and that her To shoot half hour be crew numbered 127 men. The Sierio half hour after sunset. had 570 passengers when leaving Genoa, but additional Spanish passengers were taken on board at Barce- from the Board of Fish Commissioners. lona, where the vessel touched a few hours before the disaster.

The disaster occurred at 5 o'clock yesterday afternoon.

The steamer was threading a difficult passage through the Hormigas group, where the Bajos Hormigas reef is a continual menace to navigation. The male crabs. vessel began to leak rapidly after she had struck and a terrible scene of confusion and panic ensued on board.

Fishermen Save Passengers.

The fishermen along the coast sought to render every assistance and sent out boats which brought many survivors ashore.

Most of the officers and crew of the Sierio were among the saved.

The survivors have gone into camp on the mole square of the town of Palos. Harrowing scenes are enacted as the stricken families anxiously seek beloved members among the rescued.

A mother who lost her three children went insane. The doctor of the Sierio gave up his wife and child as lost, but they were finally brought in by one of the rescuing boats, and the scene when the family was reunited was most affecting. One of the boats sent out by the drew No 1, will have first choice of all fishermen brought in twenty-four pas-

sengers.

The condition of the survivors is The condition of the survivors is this privilege is worth \$15,000 to the most deplorable. They have lost lucky holder. It is also said that any

everything and are without money number up to twenty is worth any-food or clothing. number up to twenty is worth any-where from \$5000 to \$10,000. food or clothing. The maritime authorities at Carta-

gena have dispatched a tug to the scene carrying relief supplies. The buildings of a circus and a poorhouse are being used as temporary

quarters for the survivors. The latest reports say that three boats have just brought in a number of rescued

An additional sadness is added to the catastrophe owing to the fact that a number of fishermen who were conducting rescuing operations were drowned in consequence of the overturning of their boat. The Sierio left Genoa August 2.

Ship's Books Lost.

All the ship's books were lost. It is mpossible at present to ascertain the

full extent of the disaster.

Nine-tenths of the passengers were principally diseases of some sort. Seventeen aliens imported for im-Most of the survivors have been landed at Cape Palos.

Most of the survivors have been ported.

IN FIELD OF HUSBANDRY Crop Valued at \$10,000,000 to \$11,.

OF INTEREST TO FARMERS AND **ORCHARDISTS**

Application For a Homestead Big Money For Cantaloupes-Rot in Sugar Beets-A Smart Farmer-Always Unlawful.

Application for a Homestead.

Several inquiries have been received

of late relating to the preliminaries necessary for securing government land, one from Santa Barbara county asking how an application should be made for a homestead entry. If there are any complications or uncertainties about the land sought, counsel should be taken with the local land office. The applicant must file an application, stating his name, postoffice address and residence, and describing the land he desires to enter. He must make an affidavit that he is not the proprietor of more than 160 acres of land in any State or Territory; that he is a citizen of the United States, or that he has filed his declaration of intention to become such, and that he is the head of a family, or over 21 years of age as the case may be; that his application is honestly and in good faith made for the purpose of actual settlement and cultivation, and not for the benefit of any other person, persons, or corporation, and that he will faithfully and honestly endeavor to comply with all the requirments of the laws as to settlement, residence, and cultivation necessary to acquire title to the land applied for; that he is not acting as agent of any person, corporation or syndicate in making such entry, nor in collusion with any person, corporation or syndicate to give them the benefit of the land entered, or any part there-of, or the timber thereon; he must not contemplate speculation but has ap-plied with the intention of making a home on the land. The application and affidavit must be made upon blanks furnished by the Land Office and which

may be had upon application.
On compliance by the party with
the requirements the Receiver will issue his receipt for the fee and that part of the commissions paid, a duplithe rocks and foundered in deep water.

The archbishop of San Pedro went down with the vessel while blessing the cate of which he will deliver to the party. The matter will then be entered on the records of the district office and reported to the General Land Office. -L. A. Times. been drowned, has since been reported

Big Money for Cantaloupes.

Big things were expected from the melon industry in the valley this year, but bigger things are being realized. Shipments of cantaloupes from Brawley alone thus far aggregate 150 car-The government has issued instruc-tions that every possible measure for the relief of the passengers shall be loads, and the prices have been all that were hoped for. Holtville is also mak-ing a good thing out of the crop, though the acreage was much smaller. The present expectation is that

Brawley will make a record this year of 250 carloads of melons, sold at an average of \$500 a car to the growers. trade at any time, a quail, pheasant grouse, sage hen, ibis, plover, or any the farmers of Brawley, and the prosthe farmers of Brawley, and the prosperity of the town is advancing greatly

To take or kill at any time, does,

as a result. One of the peculiar features of the To take or kill pheasants or Bob industry thus far developed this season is on the Hart ranch, near Imperial. To hunt deer with dogs during the Mr. Hart sold the property several months since for \$50 an acre, retaining To have in possession doe or fawn this summer's crop. From eight acres of the farm he is expecting to sell To shoot half hour before sunrise or \$3600 worth of cantaloupes, a large portion of which has already been mar-keted. Land worth \$50 an acre that To trap game of any kind without having first obtained written authority will produce a \$450 crop is a novelty

in farming. The labor problem is a perplexing one at Brawley. The season brought together a large number of men, many of them pretty tough specimens of humanity, and many of the better ones left the valley for the Fourth, leaving the farmers short of labor and with a surplus of villainy on their hands. This problem illustrates the fact that the cantal supe is a culture to be grown here, as in Colorado, in small areas, enabling the farmer to personally care for his crop with the least possible outside help.—Imperial Standard.

About Rot in Sugar Beets.

A couple of weeks since it was discovered that some of the sugar beets were rotting in the field. The beets were matured, but could not be harvested for the reason that the sugar factory was not ready to receive them. Guy Lincoln Jones, of the P. & E. road, who is himself interested in beet culture, wrote to La Fayette Myers, manager for the Eastern Sugar Commissioner General W. A. Richardson of pany, regarding the matter, and received the following reply:

"Replying to your letter of the 29th, beg to say that we think we will start harvesting the 15th, or not later than

the 20th. "You should give your beets one more irrigation, following immediately with the cultivator or as soon as the

ground is dry enough.
"There will be very little loss on account of rotting beets; it won't amount to a ton in any field; still if you find many rotting it would be well to pull up those most affected to check the spreading of it. I think a deep cultiva-tion will check the rotting entirely.— Southwestern Stockman.

A Smart Farmer.

30 last, was 73,574 greater than it was A man who says "book farmers can't teach me anything" was told salt will The immigration during the past kill fireworms. So he put a handful of salt around each tomato plant. The fireworms haven't sent an official anyear aggregated 1,100,103, against 1,026,499 for the previous year. It is notable that the class of immigrants nouncement, but the tomato plants are was not so high as in many previous dead! Salt will kill the worms if you years, most of them coming from Aususe enough of it to pickle them, but plants cannot stand the pickle.—Rural tria-Hungary, Russia and Italy. During the year just past 12,433 per-sons were debarred for various causes, New Yorker.

Mile. Marthe Dupuy, whose remarkable be published in a small book in a few volume of sonnets has won the Sully weeks. The systems of wireless teleg-Prudhomme prize, lives in an attic.

80,000,000 TONS OF HONEY

Output of 20,000 Tons.

Washington. - Consul-General Richard Guenther writes from Frankfort that the total European production of honey is at present estimated to amount to 80,000,000 tons, at an approximate value of \$10,000,000 to \$11,-

According to statistics in the Handels Museum, Germany leads in the production of honey among European countries with 1,910,000 bee hives, furnishing 20,000 tons of honey. Spain is next with 1,690,000 hives and 19,000 tons of honey. is next with 1,690,000 hives and 19,000 tons of honey. Austria-Hungary is third with 1,550,000 hives and 18,000 tons of honey. The other European states are far behind. France produces 10,000 tons, Holland 2500, Belgium 2000, Greece 1400, Russia and Denmark 900 tons each. In these statistics the effect of climatic conditions is noteworthy especially when comparing Russian to the statistics of the statisti worthy especially when comparing Russia and Greece. The latter has only 30,000 bee hives yielding 1400 tons of honey, while the former with 110,000 hives produces only 900 tons.

The Handels Museum states that the news from America that special institutions have recently been established in the United States to rise queen bees for sale will be of interest to bee keepers. To provide a hive with a new queen is a problem of considerable difficulty, but on which good results depend very materially. The active Department of Agriculture of the United States has recently published a bulletin by Doctor Phillips which furnishes thorough information to bee keepers how they can themselves breed queen bees, as those for sale are very expensive.

Are Too Many Growing Onions?

All in all, onion growing has received greatly increased attention the last few years. Particularly is this true in our Middle West, where large and increasing areas are given over to this crop in Ohio, Indiana, Michigan, Wis-consin, Illinois, etc. A fascinating and somewhat hazardous crop, due partly to the perishable nature of onions and partly to speculative conditions in the ig city markets, the question arises, there danger of farmers overdoing the matter?

In some of the older sections where onions have long formed a money crop, such as the Connecticut valley, Central New York, Northeastern Ohio, the acreage remains about the same from season to season. But further West a record of a season of high prices naturally induces many farmers to go into onions, when perhaps they are not well equipped with information, or the kind of land to secure best results. This often means disappointment to producers, although not particularly appli-cable in 1906, which followed a season of rather low prices, especially during the closing months of the crop year.— Orange Judd Farmer.

The Farm Garden.

The following are among the more important conclusions of a recent bulletin from Washington relative to

vegetable gardens: "There is little danger of making the soil too rich for a vegetable garden, for although a total of 98 loads of manure were applied to the half acre during the five years, none of the vege tables at any time suffered in point of productiveness by reason of too rampant a vegetable growth. The use of hand tools is unnecessary in the preparation of a seed bed if the soil is worked at the proper time. The labor of hand weeding may be reduced to a minimum by planting in freshly work-ed soil only, tilling close to the rows early in the season, and permitting no weeds to ripen their seed. The use of a wheel hoe saves labor in the care of a garden even when much of the tillage is to be done with a horse.

The State Farm Business Settled.

Davisville, Yolo county, has definitely been settled upon as the site for the State Farm. This was practically concluded some time since, but it was necessary to examine the title and pass upon some questions of law, and all this has been done to the satisfaction of the attorney general and the final deeds have been accepted. The commission, who had charge of the matter, have shown excellent judgment in the selection for the site is centrally located, within easy reach by rail of the greater part of the state, the soil of unsurpassed fertility, good irrigation facilities, and in short there are more good points in favor of this site than could well be found elsewhere in the state combined in one body. The University is now in charge and active work of putting it in shape for prac-tical agricultural instruction will commence at once.

Exonerate the Bee.

It has long been believed that the bee is the great destroyer of grapes, peaches and plums by puncturing them and starting them to rotting. Many a time bees have been seen drinking the sap exuding from such punctures. has taken a long time to exonerate the bee from this charge. It is now found that most of the injury is done by crickets and June bugs. Prof. Garman, of the Kentucky station took up this matter and set a watch to find which insects were puncturing the grapes, peaches and plums. He found two variety of tree crickets working vigorously at night cutting holes in the fruits named. He expresses the belief that these crickets are the chief culprits in puncturing thin-skinned fruit.
One variety of June bug was also
found engaged in the same business.
Many of Many of our horticulturists and bee men will be gratified to learn of this new evidence in behalf of the bee.—California Cultivator.

Wireless Stations Named.

Washington. - All wireless telegraph stations in the world have been located and catalogued by the bureau of equip-ment of the navy department and will be published.

raphy are also given.