## A才stural 衡istory.

 The Ichneumon Fiy is a four-winged
fly which is parasitic upon different in sects. Mr. Glover says of him: "These long and slender bodice, and the long These ovipositors are often very long, and are protected by a shenth of four
stylets of the same length as the true oviposetor. The head is usually rather mae. The larva is a soft, cylindrial lesby, white, footless grub, the rings of the body convex, and the head small. on the outside, or within the caterpillar or other larvae upon which its young larvae devours the fatty portions of its victim, until it gradually dics. The
family, as a whole, is one the members of which are of immenso service th ag-
rienlturalists, is destroying great numbers of noxious insects. fly, varying in size from a lourth of an inch to one and one-fourth inches long. with an ovipositor twice as long. eggs in the bodies of a great variety of grasshopper, etc. That the cut wor grasshopper, etc. That the cut worm
is often thus destroyed, my own obser-
vation leads me to believe. although the nocturnal habits of this worm greatly protects him. Bat the fchneumon goes
for the diurnal feeding cotton-worm, in the Bonthern states, with a freedom
that should charm the heart of the cottchneumon among his best friends. He farmer, and Ceserves his consideration
accordingly: The last insect that I sball mention is the Asibus fly (robber fly, or bee ki )
ier). I do not know this fly, nor it states, and also Neiraska, and other phaces where I ami not informed. Bee only condense what Glover and other say of him, leaving the question ope
to his heing useful or otherwise. long, with long slender abdo or mon thick hairy throat. They are amor only are they indiscriminating ws othe seem actually to. prefer beneficial insects ns a steady diec. There is almost no
enemy that the aplarist fears more than these bee killers, as some species ar The asilus attack and kills almos overy insect which he can overcome. It more than other insects, but because ho finds them in greater abundance, and ertion. And as large as they are, single one will perhaps destroy a hun
dred bees every day. Therefore if this tly was common, it would cause great abundant in June and July. When in pursuit of his prey he makes rapiddnah and when ho has it secure, seeks a bush or tall weed upon which he alights and devours it, sucking out the fluids and
dropping the empty shell upou the ground.
the ground and deposit their eggs is ish white maggot, about three-fourth an incl long, are sad to be vegetable perfect tly, they come to the surface the ground, and leave their empty she
sticking up where thoy shed them. So much for the Asilus flies. bencticial. From the description, t in
cline not to coacur. -But allmay thin which way their judgments lean lem.

Miss Belle DaBoise, Oregon's
Donma, who has itst returned from where she has completed a thorouyi
course in music under the ablest teach audience on Wednesday, May 5th, a was one of the most thorough hom welcomings that has ever been accord
ed to anyone. The concert will be given at the opera house, and we trust that
the will receive such a reception as her Popula
orices,
should commend
reserved seats at H. D. Boon's book store
Bny blae vitrial at Port's


Buggies, Carriages, Spring

OREGON PACIFIG R. R.
Willamette Valley to San Francicsco via Yaquina.


$\mathbf{R}^{\text {sTES between Curvilis and Bun Yraicheo: }}$

Willamette River Steamboats chas ©. Hogue,

P J. Armstrong \& . .o.

$B^{4}$
B
HORSE BILLS
We are prepared to print all styles of Iforse Bilis at the our Prices and samples.

We have the National Reg. wier of Norman iforses and will write out Pedigrees.

ISREYMAN BROS. MONEY BROKERS

Ladd \& Bush, Bankers

ESTABLTSEED IN 1869.
Transact a Gieneral Banking Business.

Eelenters of Credit iosaed Available in
De Eastern sister.
Draw difest on London, Bertio, and Hong Kony.

OHAS. W. TODW \& CO.
Front, First and Vine sts., PORTLAND, ORECON,
HARDWARE, IRON AND STEEL, FARM MACHINERY.



THE GUCKEYE LOW-DOWN BINDER.

aw Model Vibrating Threshar,
ctive and


 ver \% Ushith
 (20 mand

atyens the soll to the netion of $n$ : uratna proceco by Buatle cian

We Make a Variety of Sizes-. Yrom 3 to 15 Deet Wide.
 NASH CBROTHER.

## SEEDS , <br> 




Carriages, Buggles, Trucks, Drays. Express Wagons

