## COASTING FRGM S16Y TO SEA



 The ond about five hundred feet above the sea.
The of the Panama canal will undoubt-
ediy stimulate travel to so all parts of the continent Peru is wonderfully sround.
The
ning at Callao falway was begun in 1869 . Begin-
ot 15,665 . of 1,665 feet above sea level, where the divide
tis crosed through the Galera tunnel, at mite
106 . The Morococha 106. The Morococha branch rises to e elevation
$15,865-$ the higheat point resched by any railroad in the world. At Oroya, mile 138 , the ranad d1
vides, one branch going north to the famous Cerro de Pasco copper minnes, the other 80 milles
south to Huancayo, with a profected extenalon
to Curco, the old inct 2o Cuzco, the old Inca capital, whed eh has has
rall connection with the sea at Mollendo for several years. Another iranch, about three hundred
milles long. is under construntion down the eastern slone of the Andes to the head of nave east-
on the Ucayall river, one of the Important upper on the Ueayall river, one of
tributaries of the Amazon.
The Oroya road is not ont, the highest in the
worid, but there is no other which uffe its breathlesa passengers st any uch altitude in such an
appallingly ehort distance. To ellimb as the appallingly short distance. To elimb as the
Oroya cllimbs, a Hudaon river irain leaving New York elty would have to ascend halt an hour be
fore it reached Albany, a distance 1,000 feet greatior that that from sea level to the summit
of Pikes Peak. The daily passenger train leaves
Callao in the forenoon and reaches Oroya tate in the afternoon. As there are no nifgt trains on
account of the great danger or rocks falling down in days. since there is a continuous down
two date grade from the Galera tunnel to the sea, an op.
portunity is offered for the most anique hand Through the courteny of the general managur
of the line we were afforded exceptional faclltien tached to the eventng train fo. Chosica, a fasb lonable resort about thirty-Ave milles out of Llma,
at an elevaion of about two thousand elght hundred feet. For an hour or so we wound through
a wide irrigated valley, fat and prosperous look. ing, with pantations of sugar case and cotton
fonced in by mud walls, the roofs of .. haceenda
showing now and then over the green. Beyond showing now and then over the green. Beyon
that the bare brown mountains-high enough, seemed, yet really no more than foothills-shut
In and shouldered upward tler on tier behlind
then each other, yellow and terra cotta and taway
brown, occasionally flashing through a silt in
their fin their fhanks the snowy shoulders of peaks milles
and miles away, to which we were to climb. Al and milles away, to which we were to climb. At
Chosica our car was sidetracked for the night dinner waan aerved aboard, and we turned in to be ready tor as early start the next moruing.
About 4 a m . we were awakened by our being plicked up by the mornkng treight, whose
echedule had been advanced neveral houra for our apectal beneft. The real ellmb now began.

The broad valley soon narrowed, the naked rocks the Rio Rimac. Twelve milles out of chosica an elevation of 5,000 feet was reached at san Bar
folome. Here is the first switchback. Meiggs riginal device, which enables a train to zigzag
ap the face of a canyon wall without resorting oo abnor
systems.
$\qquad$ car, which was to be our means of descending,
was trailed on behind. Our Indian cook now
brought in coffee, prepared in the Peruvian style
thich was very brought in coffee, prepared in the Peruvian style,
which was very acceptable, as the air was quite
hill. Then the climb continued over spider.web ridges, more swimb continued over spider-web
bels, the and numerous tua-
runnels of the Infiernitlo (Little Hell) pening at ether end of a bridge spannting a
Chasm over one thousand feet deep. As the tratn wound and creaked along the forehead of the the
mountaln one could took down on the roofs of mountain one could look down on the roofs of
villages miles below, ant peopple and ant donkey
年 in with thick mud walls, which made the valley
foor a gigantic wafle fron. Above them, on a level with one's eyes, and up and up. seemingly
to the very top of some of the mountains, were
the old terruce tell the old terraced felds of the anclient thens, grass
grown now with, the turf of centuries. The old terraces are mostly in disuse now, but the fields
and groves of the lower levels still use some of the old frigation troughs. They were cut in the
rocks by a people who know neither cement nor tron pipe, but they follow the contours a
though ploted with a transit. Sometimes, as the top. one can follow the silvery ribbon of water
for miles along the face of the yellow rock. atr krows clearer and thlnner and colder. Th felds and gardens are gone now, the bleat table
land country appears, and people whose heart
or nerves are or nerves are bothersome would begin to have
soroche. Below crawled buxros and llama trains
carrylng sillver and coppet ire. At Comen 13,600 feet, is the blg smelter of this nelghbor hood. Here was a mud corral full of llamas
thooe absurd looking animals, seemingly a cros between a sheep, n camel, and an ostrich, whith
viewed the notay industry with their looks of timorous disdaln
smelters were pins stuck in the of Casapalea' valley milles below- $15,000-600$ more, and the top of the cold. wind.swept, Andean roof. All
about and about were peaks and blankets of snow. One
rose palnstakingly and valked with care. Fifteen
thousand feet ts rose painstakis thana a foed tit of a jump to take be
toore breakfast. Behind the station fore breakfast. $\begin{aligned} & \text { Behind the } \\ & \text { Melggs cllmbs up another } 2,000 \\ & \text { feet, }\end{aligned}$ Whence, through air no crystailisa that one might faney
one could walk to the summit in half an hour,

west is the long descent, to the divide. To the chilly
plateaus and snow valleys of the Andean tregure
 the 106 miles, once for a section gang repairin
rack in track in a tunnel and again to let the up-pa.
senger train by. Going at breakneck speed, our
hand car rushed out of one beck hand car rushed out of one black tunnel, acros
a swaying bridge strung over the chasm of th a swaying bridge strung over the chasm of the
Rio Rimac, and into the darkness of anothe
tunnel cut out of the sheer tace of the clif. tunnel cut out of the sheer face of the clifr. we careened across the Inflernillo bridge, one
our party apty described his impressions a
? flash of dayllpht accompanied by a sinktng the heart." In all we rushed through 47 tunnels, crosse for eight switchbacks. The fastest kilomete
$\qquad$
$\qquad$ curves necessary to get a rallroad thro-gh suc
a canyon, the fact that our light hand car, trave ing at such a speed and controlled only by hand brake, stayed on the rafls, is the best ev
dence in the world of the excellent construction of the line and of the vigilance of the maint
nance force. During our tour of South Americ we had many strange and interesting expeit
ences, but none for novelty, thrill, and mag

## niffcence to compare with the hand down the Oroya rallway.

## "Till never forget the thrill that was given ma my mirst velocpede." said the man of million "Only exceeded <br> $\qquad$

"It's no harm to dance, father. Dancin* -
are in great demand these days."
$\qquad$ a monument that was erected to any
because be was light on his feet?"

## "Tm new in the cigar business, so $\mathrm{Y}^{2} \mathrm{~m}$ tryt.

 Learning the ropes, so to speak."THE BARGAIN COUNTER.

QT-OF-ORDINARY *PEOPLE -

BEARS A HEAVY LOAD

 it theas troubled diny
 is taking a large hand in tue conduct
of thees anarare of thas been sild with

 offecials would be willing to assume
The international sky gince last July
has been not only a stormy one fo the beeligigerents of Europe, but it hat
also been cloudy for the Ut H , d States Mr. Labody questions the fact that
tional law and an expert in interna
tanthority on diplo matic matters. Besides this, he ha not losing his head. He takes the onerous daty of keeping hils poise and
calmy, gets grilled by news place coolly and calmly, gets grilled by newspaper men dally, and, it he is ever ruffled man-
ages not to show it. In the sense that the most important notes to the
foreign powers these days are viseed and sometimes modifed ty the white House, the president may be satd to shape them, but their original prepara
ton is the work of
 the youngest German engineer within range of his big guns. Forty years of service have not staled his delight in
experiment and practice. He has never been the drudge of stationey con victions, for he feels that no one man has time to grow sure about the exper mental science of the sea before he ts obliged to shift his ground. He is a
member of the Army and Navy club, but knows the dangers of arm-chair ertitudes. One of his maxims is that the man who spends his life inventin

CAMDEN BOOSTS FARMING


Camden of Kentucky, whose own
2,000 acre tarm ts one of the show places of the bluegrass reglon. "Ru
ral social conditions must be improved and made as attractive in their way
as city life. Unless the restesmness and discontent of the boys and girls
on the farin is overcome, no one can "But how is this. most difficult "By devising means to fincrease wealth on the tarm," replied Senator by improved methods of production increased farm yields and better methods of distribution. With in-
creased wealth will come better so cial, educational and rellgious facili-
ties. With more comforts will come
greater contentent greater contentment."
Here are the remedies which SerCooperation between the farmer, the merchant and the banker.
"Finally, organized unselifshness, since selfishness has been organized "Public spirit and a broad vlsion will do for rural communities

HEADS WOMAN WARRIORS


