Explorations in Patagonia. By Proj. J. B. Halcher, Princeton University

now forming so conspicuous a feature HYSIOGRAPHICALLY, Pat-

agonia is divided into two sharply defined regions-an eastern level and comparatively barren plain and a western exceedisgly broken and mountainous region. 'We former extends eastward from the base of the Andes, where it has an altitude of 3000 feet to the Atlantic Chast, where it terminates in a con-House line of precipitons cliffs 300 to 400 feet high.

Three distinct features characterize the topography and tend to relieve the monotony of the broad Patagonian The first of these is the se niains. ries of escarpments, from a few feet to several hundred in height, encount ered at successive altitudes as one pro ceeds from the const inland toward the These escarpments have a Andes. general trend parallel with the present coast line, and they doubtless mark successive stages in the final elevation of the land above the sea. The see end feature is to be seen in the series



of deep transverse valleys crossing the territory from east to west and constituting the present drainage system. In so far as my observations have gone, these are all true valleys of ero-The third and perhaps most striking feature in the topography of eastern Patagonia are the volcanic cones and dikes, and the resulting lava sheets, which covering extensive areas throughout the central plains, are seen capping most of the higher table lands and frequently descending well down the slopes into the present valleys, while the extinct volcanoes often rise majestically hundreds of feet above the surrounding plain.

In a line approximating the seventy second meridian of west longitude. the Andes rise abruptly from the plains and form one of the most rug ged and in many respects most pic-Many of the peaks attain an altitude of over 10,000 feet, quite sufficient at this latitude to precipitate most of the molsture in the atmosphere as it is forced over from the Pacific. Owing to the southwesterly winds which prewall here throughout the year, the atmosphere during its long journey across the Pacific becomes saturated with moisture, which, together with the completeness of the precipitation the other natural beauties of this rebrought about by the advantageous topography of the western coast, renders this region one with an exceedingly



RECONSERVENCE AND A CONSERVENCE Formerly these glaciers were much other game animals and birds they nore extensive than at present, and are exceedingly proficient and show they doubtless contributed to the cro-sion of the exceedingly intricate sysmuch ingenuity.

The Channel Indians of the western tem of mountain gorges and flords region are physically much inferior to the Tehnelches. They are essentially of the region. a maritime people with all their ne-

The slopes of the Andes below an tivities clustering about the shore, altitude of 3000 feet are covered with from which they never proceed more dense forests, especially on the west than a few miles inland. They subsist dense forests, especially on the west-ern side. The variety of trees in the chiefly upon shell fish, the fiesh of seals. southern regions is very limited, and fish, and the sea otter and a few edible the quality of the wood for lumber or timber for building is poor. Two spe-inhabit. From the skins of the soft

TERNELCHES TAKING YEBBA.

cies of beech, Fagus antarctica and F. and sea otter they construct their clothing, usually exceedingly scanty, betutoldes, the latter an evergreen, are much the commoner of the trees. notwithstanding the inhospitable cli-The deciduous beech is especially mate. Rude huts are sometimes built abundant, and is the only tree found from the branches of trees, but they spend much of their time in small throughout extensive areas on the astern slopes of the Andes. open boats made of beech bark sewed

Within the dense forests, lichens, ferns, mosses, and other cryptogams together with whale bone. It is in the construction of their boats and grow in great profusion, entirely covthe implements used by them in the ering the ground and trunks and lower capture of seals that they show the branches of the trees. The delicate greatest skill and resource. foliage and variety and harmony of colors of these plants, always fresh



the several vehicles entered in the ened by frequent showers, enhance race covered in the aggregate 60,000 miles, not a single accident of any gion, and give to the quiet depths of kind occurred to other users of the the forests a pecullar attractiveness, road through any of the motor cars. contrasting strongly with the rugged canons and serrsted crests of the high

er Andes. The most conspicuous animals of the forest region are a small deer, not quite so large as our Virginia deer. the male with usually only two points on either horn. The pums, or mountain lion, is abundant both on the plains and in the mountains. There are two species of dogs. The larger, is magellanicus, is about the s of a small collie, of a reddish brown

color, and frequents the wooded re-

gious. It is rather shy, in striking

contrast with the smaller C. azare,

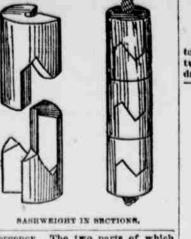
abundant in the plains, of a light gray

color, and about the size of a small

ADJUSTABLE SASH WEIGHT. In Interlocking Sections in Orden to Scents Any Weight.

A new sash weight has been in-vented by Eugene S. Crufl. It is made in sections so as to facilitate the adjustment of the weight to meet any

Made



emergency. The two parts of which the weight is formed each consist of a body section with an open portion and a branch, the branches fitting in the open portions of the bodies. Each part has also beveled flanking branches which interlock to sustain one part on the other. The parts have prooves . hich match to form a passsee for the reception of the anah-cord. It is evident that the number of weights can be increased or decreased at will to regulate the stress on the word. When the proper number have

been applied the weights are held securely by a pin driven through the cord and engaging the uppermost weight.

The Fruit Cure.

Twice it has been my privilege to take "the grape cure" in Switzerland, For ten days the schools are discontipued that teachers and scholars, with fathers and mothers, may repair to the vineyards and eat grapes all day long. For ten days the druggists

of man's furnishing. For forty years I have taken the "fruit cure" all the year round, and

Moltke's reticence was so proverbial. was lost. The loser comforted him-self by saying: "He's aging, is

High Wages in England. Often the wage worker has an insome far exceeding that of the professional man. Smiles says that in his day rail rollers had pay equal to ieutenant-colonels in the foot guards; alate rollers equal to majors; roughers equal to those of lieutenants and aditants. In our own country the wage worker's income often averages more than that of the clergyman.



THE EDICTS OF FASHION.

o the instep and clears the ground by two or three inches grows is favor day by day. No longer model rivals



LADIRS' SRORT THREE PIECE SKIRT.

it for walking, out-door sports or shopping. Graceful as long skirts are in their proper place, they are a menace to health and a detriment to comfort when the occasion demands freedom of movoment. Paris has already cord or a split washer clamping the declared the shorter length correct. and proves daily how ready and eager well-dressed women are to make the change. Golfing cloth, cheviot, serge and all similar materials are used. The only requirement is that of sufficient thickness and weight to take good folds and, if posible, to dispense with lining.

The May Manton model illustrated includes all the latest features. The skirt is cut with a front gore, which flares gracefully, and circular portions,

New York City .-- The skirt that falls | of three tucks, which go around the skirt. The corange has a jabot front of shiny black Spanish lace. Deep points of Spanish lace are appliques in the bodice in front and in back. The sleeve is in two parts, a close fitting upper of crimton foulard, and beneath it is an undersleeve of black lace over crimson chiffon The neck band is extremely plain and hooks in the middle at the back.

Cluny Lace Collar Band. "Grand chic" is the verdict pro-nounced on our new neckband made of Cluny lace. *Cluny, being a rather heavy lace, stands up well, washes and wears equally well. If you can find the correct width you need, and put ribbon under it as a transparent, your task is then easy, as collar stiffening and color shapes are bought ready made. Perhaps you can get Cuny lace especially woven with stits for inserting ribbons. This makes a stylish and novel collar band.

Terminate at the Walst Line.

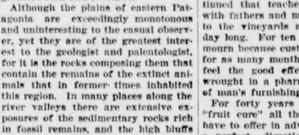
The majority of the best corset cor-ers terminate at the waist line, and their fronts are in surplice form. The high-necked or half-high corset cover is no longer used by the best-dressed WOIDCB

Autumn Dress For a Girl.

Charming and attractive as guimpe gowns unquestionably are, every mother realizes the utility of the model that can be made of one material, nud that does not inevitably involve the dainty yoke and sleeves that must be laundered after each day's wear. The very pretty and stylish May Manton design shown has the merit of allowing the guimpe, when desired, and of being equally available for the long.



which form a deep inverted pleat at snug sleeves and for low-neck and the back. As shown, the material is short puffed sleeves, as occasion may tan-colored cheviot, simply stitched require. Made of one material, as itdown the front two seams and round justrated, it is suitable for daily afterthe lower edge at the top of the fac- noon wear or for a street costume ing. Any quiet tone is suitable, how- when the days begin to grow cool; ever, and the trimming can be changed with a guimpe of white, or with low to stitched bands or braid, if preneck and puffed sleeves it becomes ferred. As shown, the length is corsultable for dancing school and party rect for walking and golfing. wear. The deep pointed collar, which is a feature, may also be varied and To cut this skirt for a lady of medium size three and one-half yards of made all of lace or nedlework, of contrasting silk for an older child, or of material forty-four inches wide, or three yards fifty inches wide, will be the material trimmed. Cotton materials, such as dimity, Swiss, organdy required. and Madras are suitable, as well as Gives a Graceful Effect. challies, cashmores and the sample The attractive May Manton model Oriental silks that are much liked for shown in the large engraving is suffichildren's dressy gowns; but the model is of figured challie in ciel blue, with ciently snug fitting to avoid all sense of looseness, yet is draped across the trimming of lace insertion joined unfront to give a most graceful effect. der rows of narrow black velvet rib-Cashmere, which is to be much worn bon. during the autumn and winter, and all The foundation for the waist is a soft wool stuffs, as well as lace, foulfitted lining, which closes at the centre ards, crepe de chine and liberty silks, back. The sleeves are made for their are eminently appropriate. As illus entire length, the puffs being arranges trated, the material is a foulard in pasover the plain portions. The skirt is tel blue, with black, with trimming of black velvet ribbon and yoke of straight and full, simply gathered at the top and joined to the walst, where plain blue banded with velvet. it is finished to a band of the trimming.



of the sea coast have proved among the most promising localities for the col-

A Tacitura General.

ays the Argonaut, that, as the King's birthdays approached, there used to be bets among the officers as to how many words Moltke would use in proposing the toast of the day. Some backed a nine-word speech, others put their money on eight words. Moltke's habit was to say: "To the health of His Majesty, Emperor and King," or "To His Imperial Majesty's health." In 1884 an oyster breakfast was staked on the Marshal's not using more than aine words. But, because he began with the word "gentlemen." the bet

Moltke; he's getting loguncious."

mourn because customers are not, and for as many months nature's patients feel the good effects of the cure wrought in a pharmacy which is not

have to offer in advertisement thereof a perfect digestion, steady nerves and such general vigor as is vouchsafed to few women of my age .--Marion Harland, in Philadelphia North American.

BALANCING BOOK DUE TO BROSION.

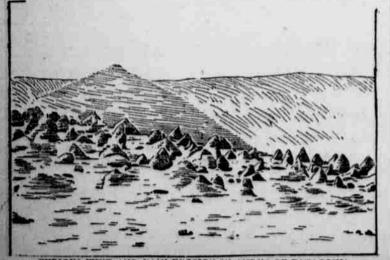
red fox. The guanaco or South Amerigh annual rainfall and consequently ican camel is very abundant over the riant vegetable growth in strikplains, and occasionally enters the wooded mountainous districts. Among contrast to the dry and comparabarren eastern region, where inds, already deprived of most ir moisture during their passage the Andes, are usually dry and The prevailing winds in eastern igonia, as in western, are southsterly, and an easterly wind of wenty-four hours' duration on the castern coast is sure to terminate in

a heavy fall of rain or snow.

Not all the molature of the mountainous region is precipitated as rain. for in the higher Andes severe snowstorms prevail throughout the entire year, ample for the formation of great oped and peaceable race, living ence fields, from which extend numer-

the birds, two, from their size, are especially noteworthy, the rhea, or socalled ostrich, found in great numbers on the plains, and the condor, com mon in the Andes, along the high bluffs of the sea coast and about the basalt cliffs of the interior plains region. The natives of the eastern and west ern region belong to two entirely distinct races, differing from each other

in their customs, language, and mode of life. To the eastern region belong the Tehnelches, a large, well-develtirely by the chase. They construct ous glaciers, many of which reach their habitations and make their am-



CURIOUS WIND AND HAIN EBOSION IN ANDES OF PATAGONIA.

Trom the mountain summits far down ple clothing with considerable skill It is estimated that it costs thirty per cent, more to make bread by hand the capture of the guanaco, thes and than by machinery.



lector.-Scientific American.

Locomobile Safety.

Apropos of the danger to horse-

drawn vehicles and their drivers from

automobiles, the case of the recent

1000 motor tour of the English Auto-

mobile Club should be considered.

The route was over a purposely se-

lected hilly country, the object being

to test the staying ability of the va-

rious machines, some of the machines

negotiating excessively steep gradients

at a much faster pace than a horse-

drawn vehicle could possibly main-

The Girl in the Sembrers.

tain.

Notwithstanding this and that

Some of the girls have taken to the sombrero, and are rigging themselves out in Mexican garb. The sombrero is of finely-woven grass, embroidered with silver, and is a comfortable com panion, an enemy to freckles and just the thing for a country jaunt. Mexican shirt waists, too, are in demand, elaborate affairs in drawn work, with hemstitched seams and turned-back cuffs. Worn together the combina tion of these two is very striking.

Soft Tread Woven Wire Mate. Woven wire mats are shown and one maker has a novelty in their treat ment. He embodies in the mats pieces of rope, and these, protruding between the interstices of the wire in which they are embedded, produce a soft trend that is very agreeable, yet at the same time they are so fully protected by wire that the durability of the mat is not lessened.

"Waste Not, Want Not."

Over the kitchen fireplace at Abbotsford, Sir Walter Scott's lovely home, are carved in stone "Waste not, want not." There is nothing nobler in the life story of Scott than his struggle to pay his creditors' debts incurred through the misfortune and mismanagement of his publishers.

Beat Harms Honey.

Great losses have been sustained by Kentist beekeepers owing to the intense heat having run the honey from the comb, making it useless and smothering many swarms of bees .-London Express.

A Curious Temple. The pagoda at Pao-tah is the most urious in Chinn, and is regarded with



great veneration and respect by the Chinese, for it is the only pagoda on which trees may be seen growing.

The foundation for the waist is a fitted lining that closes at the centre front. The back and underarm gores of the material are plain and without fulness, but the right front is cut to form a drapery below the yoke and hooks well into the left side, the closing being concealed by the folds. The yoke is smooth and faced into the lining at the back and right front, but hooks into place at the left shoulder and arm's eye. The circular bertha is cut in three overlapping sections that give pretty fulness over the sleeves. One or two sections of the bertha may be omitted if a plainer effect is preferred. The sleeves are two-seamed and fit smoothly without being over Ught.

To cut this waist for a woman of medium size five and one-half yards of material twenty-one inches wide. or two and three-eighths yards fortytour inches wide, will be required.

A Fancy of the Time.

Small black rings figure the surface years of age four yards of material tucks and circular sides, with a border | be required.

To cut this dress for a girl eight



of a cranberry crimson foulard gown for late afternoon or evening wear. The skirt has a front gore laid in fine two yards forty-four laches wide, will