

...and are used to grind and mul-  
 ...the more perfect  
 ...the better that they will be per-  
 ...True teeth are only in the man-  
 ...and fish.

To the ... of an irregular, con-  
 ...the base being toward the interior  
 ...the mouth, that is, they are set in a slant-  
 ...direction, the superior portions being  
 ...to the inferior, instead of per-  
 ...particularly, as they would appear to a  
 ...caval observer. The gum is the dividing  
 ...line, that portion immediately in contact  
 ...with the upper portion of the gum, and im-  
 ...mediately below and above it is called the  
 ...cervix, or neck, the fangs, or roots, being im-  
 ...bedded in the alveolus, or sockets, of the  
 ...superior and inferior maxillaries, respectively.  
 ...The incisors are situated in the front of the  
 ...mouth, and as they are the ones we will  
 ...have most to say about, we will give a descrip-  
 ...tion of them, and afterwards direct es-  
 ...pecial attention to the changes that take  
 ...place in them as the animal advances in age.

Teeth are considered to be active agents in  
 ...mastication. Their mode of development is  
 ...the same in all our domesticated animals.  
 ...Those placed together in front, at the middle  
 ...of the dental arch, are called the incisors, or  
 ...incisive teeth; those situated behind these  
 ...two in the superior, and two in the inferior  
 ...maxillary are denominated canine teeth, or  
 ...tusks, those which occupy the more con-  
 ...cealed portions of the mouth are called molars  
 ...or grinders. A horse has forty teeth, com-  
 ...posed of twelve incisors, four tusks, and  
 ...twenty four molars, the mare has corres-  
 ...ponding teeth, except the tusks, which are,  
 ...in the female, almost invariably absent, hence  
 ...she has only thirty-six. All teeth are com-  
 ...posed essentially of enamel, dentine, and  
 ...crusta petrosa. A curious but remarkable  
 ...fact presents itself respecting the growth of  
 ...horse's teeth, which is not common to other  
 ...animals, namely, that the teeth are growing  
 ...continually from their development to the  
 ...animal's death. They are forced upward  
 ...from their sockets to supply the material re-  
 ...moved by attrition. Tusks are never shed,  
 ...they make their appearance between the  
 ...animal's four and a half and fifth year, hence  
 ...if they are just protruding we know, without  
 ...any confirmatory evidence, the horse's age.  
 ...Earlier at birth, or from one to four days  
 ...afterward, the colt has four milk teeth called  
 ...the centrals.

The lateral teeth appear between four and  
 ...six weeks after birth, the corner teeth about  
 ...the eighth month. The centrals, or those  
 ...which first make their appearance, are shed  
 ...between two and a half and three years; the  
 ...laterals are shed between three and a half  
 ...and four years; the corner teeth between  
 ...four and a half and five. About this time,  
 ...a little before the tusks are full grown,  
 ...the animal is said, in horsemen's phraseology,  
 ...to have a full mouth. We now come to the  
 ...important part of the subject, where an ani-  
 ...mal's age is determined by the appearance  
 ...of the black spots, or more correctly, the in-  
 ...fundibulum. The infundibulum, or black  
 ...marks, are worn out of the superior or smooth  
 ...surface of the lower jaw at six years old, and  
 ...that of the lateral are commencing to disap-  
 ...pear, and is completed at the seventh year;  
 ...later at this age we find the wearing surfaces  
 ...of both central and lateral interior teeth  
 ...to be smooth, the black marks having been worn  
 ...away by attrition, and the marks of the cor-  
 ...ner teeth begin to disappear, and has entirely  
 ...disappeared when the animal becomes eight  
 ...years old. The horse is now considered  
 ...to be a full-mouthed horse, and no conscientious veteri-  
 ...nary surgeon or horseman would positively assert  
 ...the animal's age, only approximately. Some  
 ...people say they can determine the exact age  
 ...by means other than the teeth, but such in-  
 ...dications are unchangeable.

As the animal advances in age his teeth  
 ...gradually grow long, and appear to become  
 ...more horizontal. The mouth which, at five  
 ...years old, was cup-shaped, now loses this ap-  
 ...pearance and becomes elongated. The teeth  
 ...which were, at the age last mentioned, near-

ly perpendicular, are now slanting; and this  
 ...process continues with advancing age. As a  
 ...horse becomes old the enamel loses its origi-  
 ...nal beautiful whiteness, and assumes a  
 ...cloudy or smoky flow instead, and become  
 ...streaked with brown and black marks, and  
 ...the tusks not infrequently drop.

The operation called "bisphoping" consists  
 ...of burning holes in the teeth to stimulate the  
 ...original but worn out infundibulum. A  
 ...practitioner will not be so deceived, as it  
 ...looks at the mouth and teeth generally, but  
 ...if only the marks are taken as guides the in-  
 ...experienced are very apt to be victimized by  
 ...purchasing horses which are old, and when  
 ...the owner expects he is in his prime, he finds  
 ...he is unable to masticate, and from old age  
 ...and consequent general breaking down of  
 ...the system, becomes useless; therefore we  
 ...would caution our readers to be very careful  
 ...about making their examination in this con-  
 ...nection, as some people make a dishonor-  
 ...able but lucrative living by "bisphoping."  
 ...There are such, even in this model city, that  
 ...will make you a five or an eight year mouth  
 ...without additional charge, and without refer-  
 ...ence to the animal's actual age.

### Miscellaneous.

**FREAK OF NATURE.**—In Guelph there is at  
 ...present a child, a few weeks old, whose head  
 ...and countenance resembles that of a calf,  
 ...and it is said to testify delight, by clapping  
 ...its hands, when brought in the neighborhood  
 ...of cows. It is a most singular freak of na-  
 ...ture. The names of the parents are sup-  
 ...pressed for obvious reasons.

**OFFICERS ELECTED.**—The following gen-  
 ...tlemen have been elected officers of the Can-  
 ...adian Colombarian Society.—President, W.  
 ...H. D. Chester; 1st Vice-President, J. B.  
 ...Johnson; 2nd Vice-President, Jas. Goldie,  
 ...Guelph; Secretary, W. Likens; Treasurer,  
 ...Jas. McGrath; Executive Committee, T.  
 ...Adams, C. Goodchild, W. War, J. McDon-  
 ...ald, and D. Davis.

**PEDESTRIANISM.**—Joe Bradley's attempt to  
 ...walk 7 1/2 miles in the hour at the Star  
 ...Grounds, Fulham, Eng., on the 17th ult., re-  
 ...sulted in a bad beating for Father Time, as  
 ...he was 1m. 7s. in the rear when the pedes-  
 ...trian finished his task. Had he been allowed  
 ...to walk full out he would have made the  
 ...distance a minute or more quicker. His first  
 ...mile was made in 7m. 29s., three miles were  
 ...made in 23m. 45s., five miles in 40m. 5s.,  
 ...and seven miles in 57m.

**DRAUGHTS.**—The principal excitement in  
 ...Listowell, on Jan. 1, was a contest at  
 ...draughts, between Mr. McKenzie, of Guelph,  
 ...and Mr. R. Ferguson, of Listowell. The  
 ...match was made in consequence of a chal-  
 ...lenge from Mr. McKenzie to play for the  
 ...championship of the county. The match,  
 ...which consisted of ten games, was played in  
 ...the Mechanics' Institute rooms, and resulted  
 ...in the defeat of the Wellington champion.  
 ...The score stood: Ferguson, 5; Mackenzie,  
 ...2; drawn, 3.

**DR. DON,** the old established Specialist, of  
 ...300 Michigan St., Buffalo, N. Y., ranks among  
 ...the most successful physicians of the city. Many  
 ...years experience has made him an expert in  
 ...treating all diseases of a virulent, chronic and  
 ...special nature. Young and middle aged can  
 ...obtain the most happy relief for diseases of a  
 ...nervous, exhausting, and weakening character,  
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 ...letter or at office, free and confidential; medi-  
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The owner not having time to properly devel-  
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**MATT CAMERON**, b h foaled 1872, 15-2, by High-  
 land Boy, he by Hamlet by Volunteer; dam by  
 Toronto Chief; 2nd dam the Goodenough mare,  
 by St. Lawrence; 3rd dam, by Tipigo; 4th dam  
 by Tom Kimble. Matt Cameron can show bet-  
 ter than 2:40, and is without record.

**YOUNG ERN CAMERON**, b h foaled 1871, 15-2, by  
 Ern Chief; dam same as Matt Cameron. Young  
 Ern Chief can trot better than 3:00, has had no  
 handling, and promises to be speedy.

The horses are perfectly sound, kind, and  
 pure gaited; can be driven double or single at  
 top of their speed by a lady; are nicely matched  
 in size, color, and disposition; can speed to  
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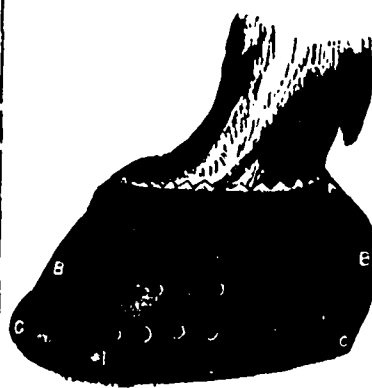
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A gentleman whose business will not permit  
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 reasonable trial permitted before purchase. Ad-  
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