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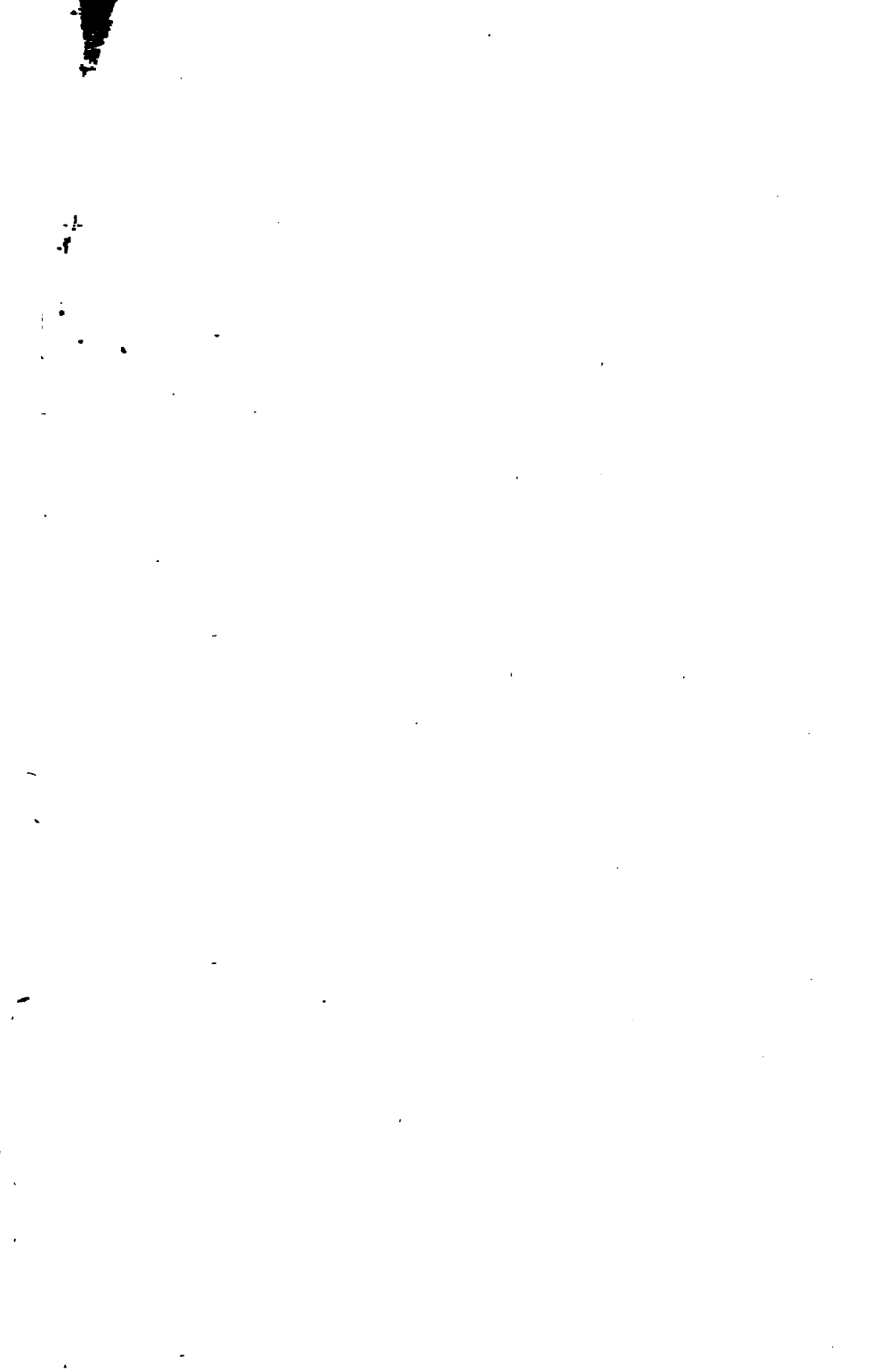


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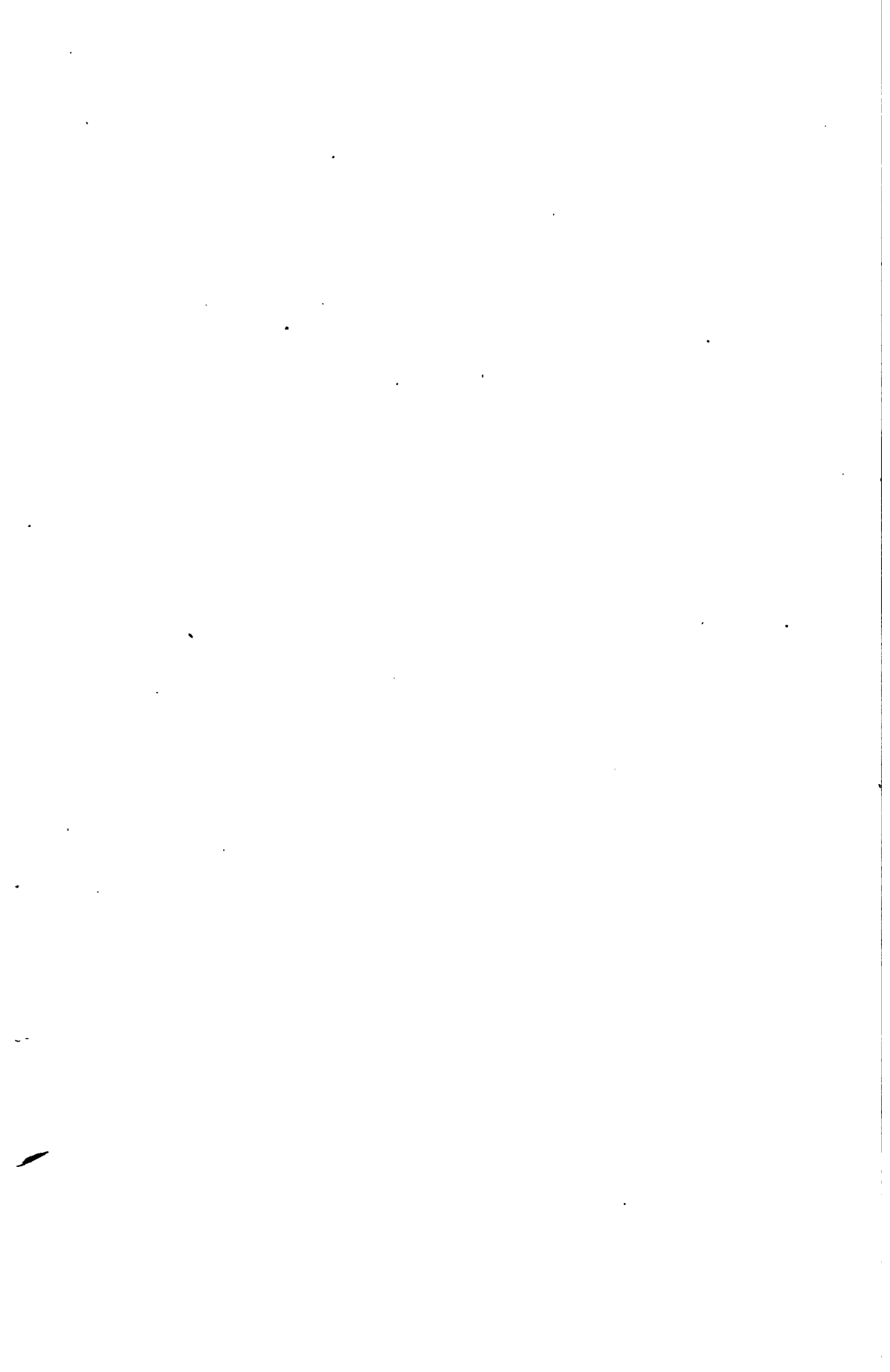
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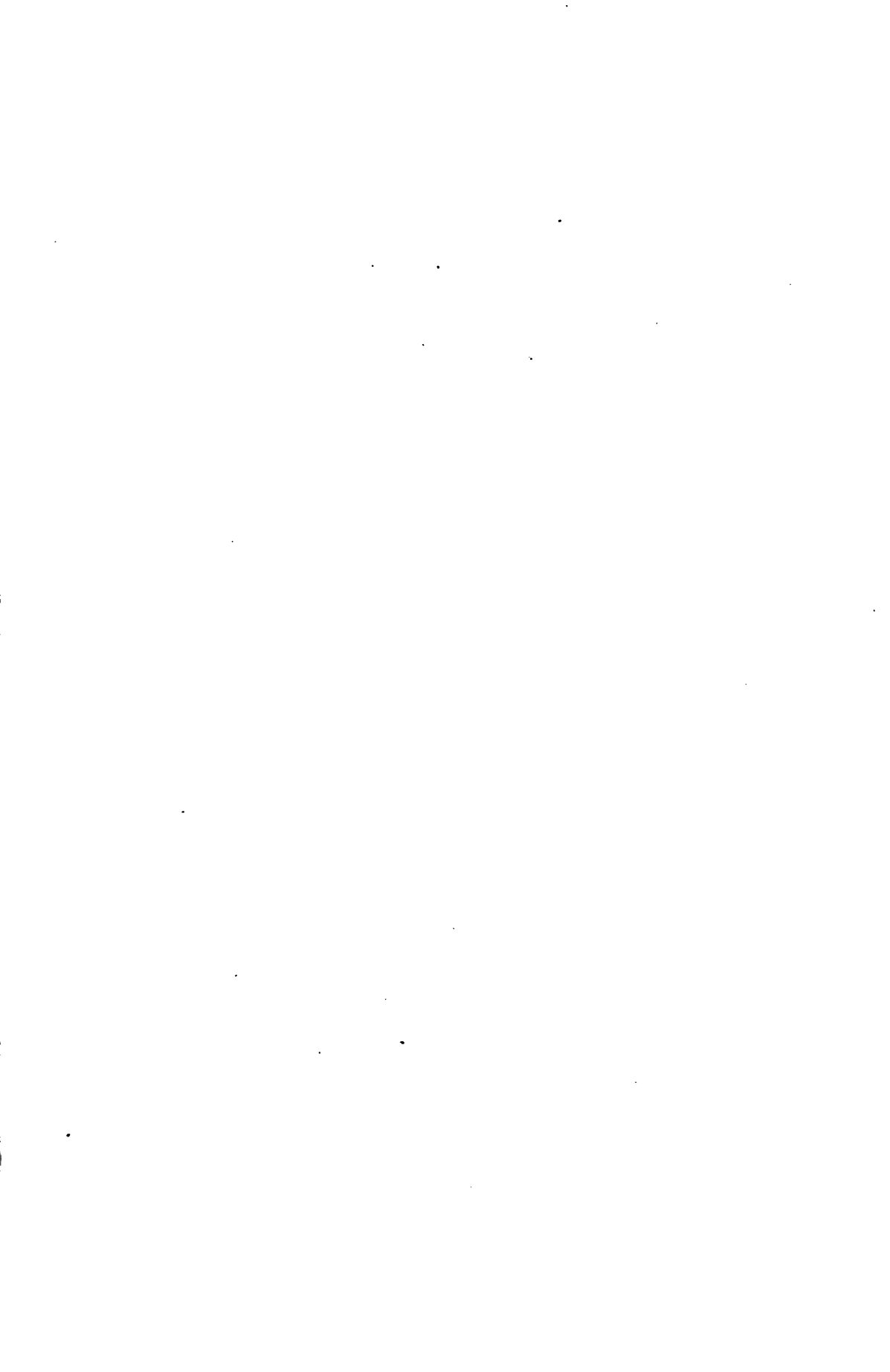
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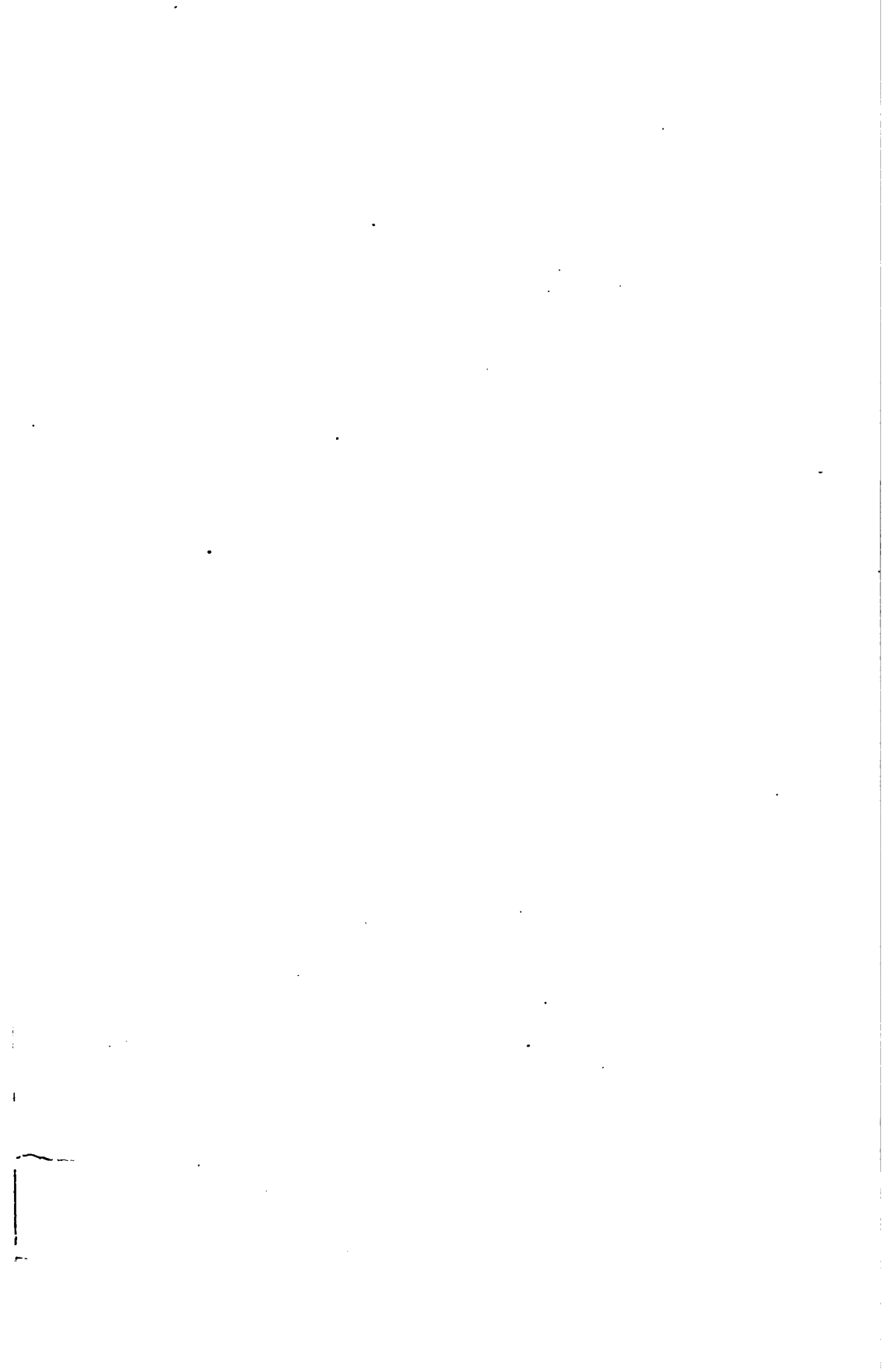
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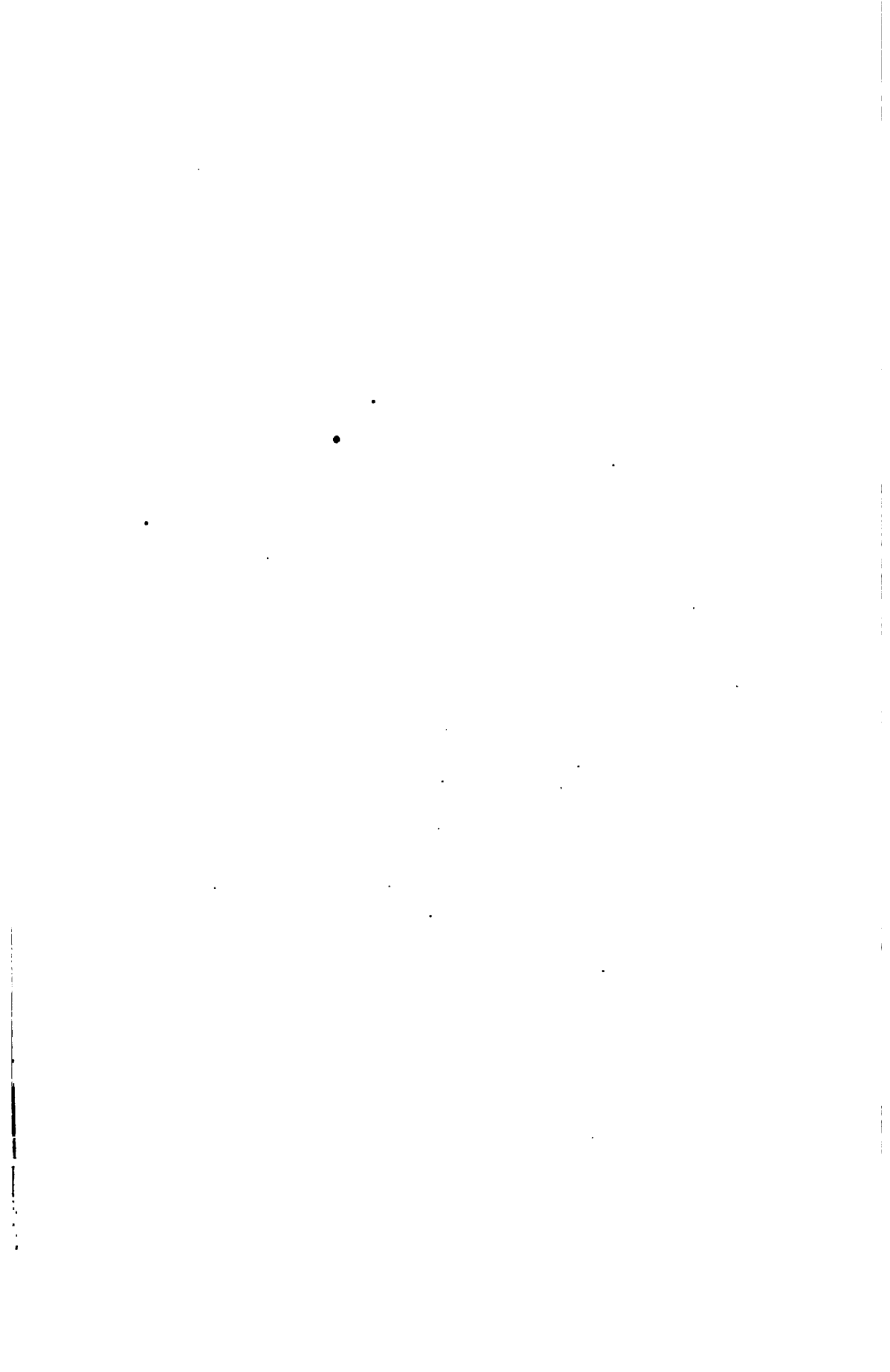






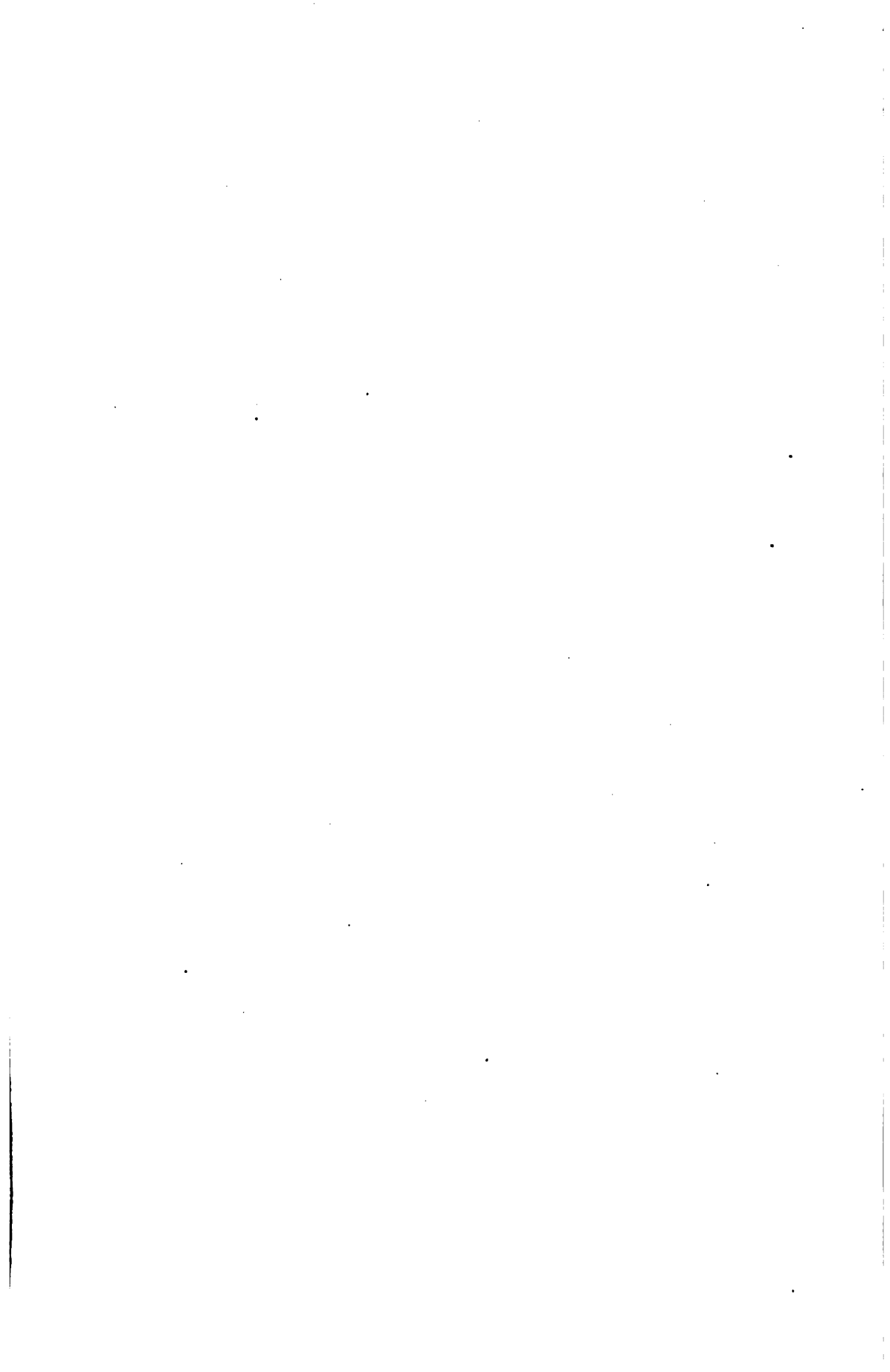






THE
AMERICAN CYCLOPÆDIA.

I N D E X.



A
GENERAL AND ANALYTICAL
INDEX
TO THE
AMERICAN CYCLOPÆDIA.

BY
THE REV. T. J. CONANT, D. D.,
ASSISTED BY HIS DAUGHTER,
BLANDINA CONANT.

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TO THE READER.

THE INDEX should be first consulted when information is sought on any subject. The inquirer will thus find whether what he seeks is contained in some leading article, or in several scattered through different volumes, or is incidentally given in connection with another subject.

The plan of the Index is as follows :

All names of persons or objects in connection with which any information is given, and would naturally be sought in that connection, are entered alphabetically, the titles of leading articles being distinguished by SMALL CAPITALS, and other entries by *italics*.

Of articles of much length the leading divisions are entered, to facilitate reference.

When there are two or more names, or more than one mode of spelling the name, of the same person or object, each is entered in its alphabetical order.

All pictorial representations of objects described are entered by name in their proper connection, with the abbreviation (ill.) or (view) annexed. They are also entered separately, where this is deemed necessary or convenient for ready reference.

In the references to the Cyclopædia, the first numeral (Roman) refers to the volume, the second and third (Arabic) respectively to the page and column, and the letters, a, b, c, to the first, second, or third part of the column. E. g.: "*Cotton-wood*, tree, XIII. 711, 2 c (ill.)," means that what is said of it may be found, with an illustration, in the 13th volume, page 711, lower third of the 2d column.

The space at or near the meeting of two divisions is denoted by two letters combined (ab, or bc), and a special reference to two or more by the separate letters ; as, "*Myrtus communis* (botany), XII. 112, 1 bc (ill.);" "*Sheikh* [shaik], Bedouin chief, II. 450, 2 b, c;" "*Pomfret*, *countess dowager of*, contributions to the Arundelian marbles, I. 798, 2 a, b, c."*

When, in a series of entries from different articles under one title, the number of the volume is omitted, the reference is to the one last given.

* In the multitude of such references there may be some few errors. The reader will please look for the reference in the other column, or another part of the column, if not found in the one given.

The pronunciation of foreign proper names, and of other words which seem to require it, has been added in brackets by Mr. Francis A. Teall, whose system of notation is subjoined. The work has passed through the press under his supervision; and to his familiarity with the contents of the Cyclopædia, his ready memory, and excellent judgment, it is greatly indebted for its accuracy and completeness.

The Index has also to some extent been made a supplement to the Cyclopædia by additional information parenthetically inserted. Thus, where a person noticed in it has died since its close, the year of his death is generally noted. Where one has attained to higher office, or met with any great change of fortune, that fact is usually indicated. In many instances persons of some prominence are only incidentally mentioned in the Cyclopædia, in connection with the topics with which their names are associated. Generally, where biographical notices of such persons could be found, the briefest possible statement of the leading facts has been inserted; often the dates of birth and death alone are given, where nothing more appeared to be essential.

Occasionally a discrepancy will be observed between an entry in the Index and the place referred to in the Cyclopædia. In such case the former is to be understood as a correction. The innumerable causes and sources of error, familiar to all who have had to do with so immense an undertaking as the construction of a cyclopædia, make it impossible that some should not escape detection in its progress. They will generally be found trifling in form, though sometimes large in effect, such as the accidental change of a single letter converting one word into another.

The collating from different articles of passages relating to the same topic has in a few instances prominently disclosed another source of discrepancies which, unexplained, have the appearance of errors resulting from carelessness. In the article on engraving a celebrated German artist is mentioned as Christian Friedrich von Müller, who in the special article upon his father (Johann Gotthard) and himself is called Johann Friedrich Wilhelm. In seeking an explanation of this, it was found that precisely the same difference exists in the corresponding articles of Meyer's *Konversations-Lexikon*, of later date than the Cyclopædia articles; while in Pierer's *Universal-Lexikon* he is called "Christian (Joh.) Friedrich Wilhelm." Again, in the article on Agra, it is said that the Taj Mahal was built by Shah Jehan as a mausoleum for himself and his wife Noor Mahal; while in that on India Nourmahal (the same name in another form) appears as the wife of his father Jehanghir. A search showed that the large universal gazetteers, which the writer of the former article naturally followed, contain the statement there given; but the writer on India followed more accurate historical authorities. In the Index, under *Noor Mahal*, the true version is succinctly given.

KEY TO PRONUNCIATION.

1. *ā, ē, ī, ō, ū, ä, é, î, ô, ü*—the ordinary English long and short sounds of the vowels, as in *mate, mete, mite, mote, mute, bat, bet, bit, bot, but*. Most of these marks are sparingly used, as in general the position of the vowel sufficiently indicates its proper sound.

2. *â*—Italian *a*, as in *far, father*, but frequently shorter.

3. *ö*—German *ö*, occurring also in Hungarian, Swedish, and Danish (*ø*). It represents the diphthong *oe*, and its sound has no equivalent in English. It is an intimate blending of the sounds of *ā* in *mate* or *ē* in *met* and *ū* in *but*. Its long and short sounds may be approximately represented thus, the small letter in each case indicating the subordinate element: *g'üh'-têh*, Goethe; *tëp'-lits*, Töplitz (with which the form Teplitz is interchangeable). The French and Dutch *eu* approaches the sound of *ö*, but is very nearly represented by *ü* or *üh*.

4. *oo*—representing the *u* of most other languages, the French *ou*, the Dutch *oe*, and the Portuguese and Swedish *o* final—is most commonly short, as in *book*; but in certain positions, easily determined by the ear, as at the end of an accented syllable, it is long, as in *woo*.

5. *ow*—representing *au* in other languages (except French), *ou* in Dutch, *ao* in Portuguese, and approximately *ao* in Spanish and *aou* in French—is pronounced like *ow* in *cow* and *ou* in *out*.

6. *ü*—German and Hungarian *ü*, French *u*, and Danish and Swedish *y*. These are usually so nearly alike in sound that they are represented by the same character; there is no corresponding sound in English. The German *ü* stands for the diphthong *ue* (formerly *ui*), and its pronunciation is a close union of the sounds of *ū* in *mute* and *ï* in *bit* or *ē* in *mete*; thus: *müſ'-ler*, Müller; *büs'-lo*, Bülow. It sometimes runs almost wholly into the second element (*ï* or *ē*). The French *u*, however, invariably approaches the sound indicated in the first example; but it is more simple, and may perhaps be said to consist of the first part of the diphthongal sound of the English *ū*, as in *mute*—that is, with the sound stopped before the full enunciation of the final *oo* element of that letter.

7. *â^u, ä^u, ö^u, ü^u, &c.*—French and Portuguese nasal vowels. The ^u is small to indicate that it represents no actual sound, but simply the mode of uttering the vowel. This may be illustrated by pronouncing *bang, song, rung* without touching the soft palate with the upper part of the tongue, thus producing the nasal effect without the distinct sound of *ng*.

8. *ch*—representing the Spanish *ch*, German *tsch*, Hungarian *cs*, the *cz* of some Slavic languages, the Italian *c* before *e* and *i*, &c.—sounds like *ch* in *church*.

9. *ʰ, ʰ*—German guttural *ch*, Spanish *j* and *g* (before *e* or *i*), and (sometimes) *x*, &c. This sound consists in the pronunciation of *h* in the throat (the organs being nearly closed) as a true consonant rather than as a mere breathing. The roughening or rasping effect thereby produced is indicated by the small ^o and ^u, the former after *ā, e, i, ô, ū, äu, eu, l, &c.* (where the sound approaches that of *sh*, but must be carefully distinguished from it by keeping the lower part of the tongue depressed), the latter in an initial syllable or after *a, o, u, au*. In German *g* final is also guttural, but in *burg* and some similar terminal syllables it has been deemed preferable to leave it unmarked.

10. *gh*.—The *h* is added to show that the *g* is hard, as in *get*. In certain cases *h* is omitted, but when used in pronunciation *g* is always hard.

11. *ly, ny, py, &c.*—In these combinations the two letters are to be sounded together in one breath, like *li* in *folio*, *ni* in *union*, &c.

12. *th*—the sharp sound of *th*, as in *thin*, representing the Spanish *c* before *e* or *i*, *s, &c.* (In Spanish America *c* and *s* generally have the sound of sharp *s*.)

13. *th*—the flat sound of *th*, as in *this*, representing the Spanish *d, &c.*

14. *y'*—the liquid element in many French and Hungarian terminal syllables, constituting an indistinct, vanishing sound of *y*, in combination with that of the preceding vowel or consonant.

15. Titles of which the pronunciation is not given are to be pronounced either according

to the marking of a preceding title of the same or similar form, or to the most obvious English analogy.

ACCENTUATION.—Only the primary syllabic accent of words is marked, as, where a secondary accent is required, the ear is nearly always a sufficient guide to its proper position when the former is known. Sometimes the pronunciation of Greek and Latin names and technological terms is indicated by an accent alone. It may be well to remark that in these every vowel or diphthong makes a separate syllable; as *Hylōb'ates* (hi-lob'-a-teez). In French words and names no accentuation is indicated, since in that language it is not determinate, but depends upon the exigencies of utterance. Thus a word of several syllables, when making part of a sentence, may, under differing circumstances, have each syllable alternately accentuated, or possibly none of them, each being spoken with equal force, and the whole stress of the sentence placed upon the culminating word. When spoken singly, however, or in connection with another language, some accent is inevitable; and this usually falls upon the last syllable when it ends in a consonantal or a strong vowel sound, and is preceded by syllables ending in similar or weaker sounds. In other cases euphony generally requires that the accent shall be placed at one or two (rarely if ever more) removes from the end. But on whichever syllable it falls, all the others must be distinctly (however rapidly) enunciated, the slurring of unemphatic syllables, common in English and other languages of strong accent, being inadmissible in French.

DIVISION INTO SYLLABLES.—In respelling words for pronunciation, deviations from the rules of division in foreign languages have frequently been rendered necessary by the requirements of English analogy.

GENERAL INDEX

TO

THE AMERICAN CYCLOPÆDIA.

A

A, a letter, I. 1. Sounds of, 1 b. Cicero's dislike of, *ib.* As a numeral, *ib.* Dominical letter, 1 c. In logic, *ib.* In ancient inscriptions, *ib.* On medals and coins, *ib.* In medical prescriptions, 2 a. On bills of exchange, *ib.* Chemical abbreviation, *ib.* In the musical scale, *ib.*

AA [á], name of several rivers, I. 1.

Aahmes I. (or Amasis), Egyptian king, I. 386, 2 c.

AACHEN [á-'hen]: see AIX-LA-CHAPELLE, I. 223. Aachen-Munich fire insurance company, *ib.*; savings bank, *ib.*

AALBORG [awl'-borg], seaport, I. 1.

AALLEN [á'-len], town, I. 2.

AALI PASHA [á'-le pá-shá], Turkish statesman, I. 2.

AALST [álst]: see AELST.

AALTEN [ál'-ten], town, I. 2.

AAR, or Aare [ár, á'-rêh], river, I. 2.

AARAU [á'-row], town, I. 2; peace of, *ib.*

AARD-VARK [ard'-vark], animal, I. 3 (ill.).

AARD-WOLF [ard'-woolf], animal, I. 3 (ill.).

Aare: see AAR.

AARGAU [ar'-gow], canton, I. 3.

AARHUUS [or'-hooce], seaport, I. 4.

AARON [á'-run], first Hebrew high priest, I. 4. Physician of the 7th century, and first who mentions the smallpox, *ib.*

Aaron's rod, a plant, XIV. 751, 2 a.

AARSENS, Frans van [ar'-sence], diplomatist, I. 4.

AASEN, Ivar Andreas [aw'-sen], philologist, I. 4.

ABBAS I.

AASVÄR [awce'-vair], islands, I. 4.

AB, Hebrew month, I. 4.

ABAB'DEH, or Ababdie, African tribes, I. 4.

AB'ACO, Great, an island, I. 4.

AB'ACUS, in architecture, I. 5; I. 656, 1 c. Cupboard, *ib.* Templar's staff, *ib.* Calculating machine, *ib.*

ABAD [á-bád'], name of Moorish kings, I. 5.

ABAD'DON: see APOLLYON.

Ab'adite dynasty, end of, I. 5, 2 a.

Abadites, Arab natives of Oman, XII. 625, 2 a.

AB'AKA KHAN, Mongol king, I. 5.

AB'ANA, river, I. 5; II. 295, 1 a; V. 651, 2 b.

ABANOUET, Charles Xavier Joseph d' [dã-bâ^m-koor], minister of Louis XVI., I. 5.

ABANO, Pietro d' [dá'-bâ-no], philosopher, I. 5.

ABAR'BANEL: see ABRAVANEL.

ABAR'CA, Joaquin, Spanish bishop, I. 5.

ABARIM', mountain, I. 5.

ABASCAL', José Fernando, Spanish statesman, I. 5.

Abas'inum, Roman town, I. 20, 2 a (ABENSBERG).

Abate'ment, in law: see DISSEISIN. Abatement of a legacy, X. 317, 1 a.

Abattoir [ab-a-twár'], for the New York market, IX. 611, 1 c.

ABAUZIT, Firmin [ã-bo-zê], theologian, I. 6.

ABBADIE, Jacques [ã-bã-dê], theologian, I. 6. Antoine Thomson and Arnaud Michel d' [dã-bã-dê], explorers, 1 b.

ABBAS' I., the Great, shah of Persia, I. 6.

Abba Salama (Andraos), bishop of Abyssinia, I. 48, 2 b.

ABBAS' BEN ABD-EL-MOT'TALIB, uncle of Mohammed, I. 6. See **ABBASSIDES**.

ABBAS MIRZA [meer'-za], Persian prince and warrior, I. 6.

ABBAS PASHA [pá-shá'], viceroy of Egypt, I. 7; VI. 767, 1 b.

ABBASSIDES [ab'-bas-sids], caliphs of the third Mohammedan dynasty, I. 7. Its founder, *ib*. Its last caliph, 1 c.

ABBATUCCI [á-ba-tú-se; Ital. áb-bá-toot'-che], Jacques Pierre, French general, I. 7. Charles, 1 c. Jacques Pierre Charles, diplomatist, 2 a.

Abbaye aux hommes [á-bá o züm], church, now church of St. Étienne, III. 539, 2 c.

Abbaye aux femmes [o fám], church, now church of Saint Trinité, III. 539, 2 c.

Abbayes des savants [á-bá dá sá-vá''], sinecures for scholars, &c., I. 7, 2 c.

ABBÉ [á-bé], French for abbot, I. 7. Abbés commendataires [á-bá kth-má'-dá-táir], 2 c.

Abbé de la Tour [düh lá toor], pseudonyme, IV. 322, 2 bc.

ABBEOKU'TA, or Abeakutah, city, I. 7. Government, 8, 1 b. Religion, 1 c. Christian missions, *ib*. Opposition to slavery, *ib*.

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AB'BEVILLE, county, I. 8.

Abbey, as distinguished from a priory, &c., XI. 784, 1 c.

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Abbey of Kovei, X. 47, 2 b. Its literary treasures, *ib*.

ABBO CRE'NTUUS, or Abbon the Crooked, I. 8.

ABBO FLORIANEN'SIS, or Abbon of Fleury, I. 8.

ABBOT, title, I. 8.

ABBOT, Abiel, D. D., I. 8.

ABBOT, Benjamin, LL. D., I. 9.

ABBOT, Charles, Lord Colchester, I. 9.

ABBOT, George, archbishop, I. 9.

ABBOT, Gorham Dummer, LL. D., teacher and author, I. 9. (Died 1874.)

ABBOT, Samuel, merchant, patron of Andover seminary, I. 9.

Abbot female academy, I. 481, 1 c.

Abbot Gerold, builder of the Devil's bridge, VI. 57, 1 a.

Abbot Joachim, religious enthusiast, alluded to, II. 478, 2 b.

Abbot of unreason, at an English Christmas, IV. 551, 2 a.

ABBOTSFORD, seat of Sir Walter Scott, I. 9 (ill.); XIV. 708, 2 a.

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Abdallah ibn Yasim, founder of a Moslem dynasty, I. 345, 2 b; its overthrow, 2 c.

Abd-el-Caaba, name of the first caliph, I. 41, 1 c (**ABUBEKKE**).

ABD-EL-HALIM [-há-leem'], Egyptian prince, I. 13.

ABD-EL-HAMID [-há-meed'], adopted name of a French traveller, I. 13.

ABD-EL-KADER [-ká'-der], Arab emir, soldier, and writer, I. 13.

ABD-EL-WAHAB [-wá-háb'], founder of a Moslem sect, I. 14.

ABDE'RA, ancient city, I. 14.

Abd-er-Rah'man, meaning of, I. 12, 2 a.

ABDEERAHMAN I., caliph of Cordova, I. 14.

ABDEERAHMAN, sultan of Morocco, I. 14. Afghan poet, 163, 1 a.

Ab'diah, Samuel ben, Jewish soldier and poet, VIII. 595, 2 a.

AB'DIAS, supposititious author, I. 14.

ABDICA'TION, of a throne, I. 15; memorable examples of it, *ib*.

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Abdominal typhus, in German writers, VII. 167, 2 ab.

ABDUL-AZIZ [ab-dool-á-zeez'], Turkish sultan, I. 16; XVI. 59, 1 ab. (Deposed May 30, 1876; died soon afterward.)

ABDUL-MEDJID [-med-jeed'], Turkish sultan, I. 16.

ABECEDA'RIANS, fanatic sect of religionists, I. 17.

A'BECKET, Gilbert Abbott, humorist, I. 17.

ABEEL', David, D. D., clergyman, I. 17.

ABEGG, Julius Friedrich Heinrich [á'-beg], jurist, I. 17.

- A'BEL**, second son of Adam, I. 17. Abelites, a sect, *ib.*
- AB'ÉLARD**, or Ab'ailard, Pierre [Fr. ä-bä-lar], philosopher, I. 17. Abélard and St. Bernard, II. 573, 2 c. On miracles, XI. 625, 1 b. His school at Melun, I. 17, 2 c; XI. 375, 2 a. See **HÉLOÏSE**.
- ABEL DE PUJOL**, Alexandre Denis [ä-bel düh pu-zhül], painter, I. 17. Adrienne Marie Louise Grandpierre Deverzy, 2 b.
- Abelé'**, tree, XIII. 712, 2 b (ill.).
- A'BELITES**, Abe'lians, Abelo'nians, or Abel'onites, sect, I. 19.
- Abelmos'chus**: see **OKRA**.
- ABEN**, Aven, Ebn, Ibn, Arabic patronymic prefix, I. 19.
- ABENAQUIS** [ab-e-nä'-keez], or Abnakis, Indian tribes, I. 19. Their language, 20, 1 a; XIII. 2 a (**PENOBSCOTS**).
- ABENCERRA'GES**, Moorish family, I. 20.
- ABENDBERG** [ä'-bent-bäirg], mountain, I. 20. Asylum for cretins, *ib.* See **CRETINS**.
- ABEN EZRA**, or Abraham ben Meir ben Ezra, Jewish scholar, I. 20.
- ABENSBURG** [ä'-bence-bäirg], town, I. 20.
- Aber-Honday**: see **BRECKNOCK**, borough, III. 242, 1 c.
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- ABERCROMBIE**, John, physician, I. 20.
- ABERCROMBY**, Sir Ralph, general, I. 20.
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- ABERDEEN**, Earls of, I. 22.
- ABERDEEN'SHIRE**, county, I. 22.
- ABERDEVINE** [a-ber'-de-vine], bird, I. 23.
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- ABERRA'TION**, I. 23. Aberration of light, *ib.* (ill.); discovered, III. 181, 1 c. Aberration in optical instruments, I. 24, 1 bc (ill.).
- ABERYST'WITH**, seaport town, I. 24.
- ABEYANCE** [a-bä'-ance], law term, I. 24.
- Ab'gar** (or Abgarus), king of Armenia, I. 724, 1 a; reputed letter to Jesus, *ib.* and 2 b.
- ABIAD'**, Bahr el: see **NILE**.
- ABI'ATHAR**, Hebrew high priest, I. 25.
- A'BIB**, Hebrew month, I. 25.
- ABICH**, Wilhelm Hermann [ä'-bi'h], naturalist, I. 25.
- Abies** [ä'-be-eez], (botany), fir, VII. 207, 2 bc. A. balsamea, 208, 1 a (ill.), and other species.—Spruce, XV. 290, 2 bc. A. nigra, 2 c (ill.); A. excelsa, 291, 2 c (ill.), and other species. A. Canadensis (for hedges), VIII. 604, 2 c; 630, 2 a.
- ABIM'ÉLECH**, Philistine king, I. 25. Hebrew king, *ib.*
- ABINGER**, James, lord [ab'-in-er], lawyer, I. 25.
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- Abiogenists**, XIV. 235, 2 bc; their assertions opposed by experiments, *ib.*
- ABIPO'NES**, Indian tribe, I. 26.
- ABJURA'TION**, Oath of, I. 26.
- ABKHA'SIA**, or Abchasia, I. 26.
- ABLU'TION**, religious, I. 26.
- AB'NER**, Hebrew warrior, I. 26.
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- ABO-BJÖRNEBERG** [o-bo-byör'-nëh-borg], Finland, I. 27.
- Abolitionists** (a political party), I. 105, 1 a. See **SLAVERY**.
- Abolla**: see **AVOLA**.
- Aboma'sum**, digestive cavity of ruminant animals, XIV. 767, 2 c.
- ABOMEY** [ä-bo-mä'], capital of Dahomey, I. 27.
- ABORIGINES** [ab-o-rij'-e-nee]: see **AMERICAN INDIANS**.
- ABORTION**, in criminal law, I. 26. In obstetrics, XII. 569, 1 bc.
- ABOUKIR** [ä-boo-keer'], Egyptian port, I. 30. Battle of, *ib.*; XII. 220, 1 c.
- ABOUT**, Edmond [ä-boo], author, I. 30.
- Aboyne castle** [a-boin'], I. 23, 1 a.
- ABRACADAB'RA**, magical word, I. 30; X. 847, 1 a.
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- man emperor, III. 764; I. 271, 1 c. Baths of Caracalla, II. 383, 2 b (plan).
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CAR'DI, Ludovico, Florentine painter, III. 778.

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CARDIGAN, James Thomas Brudenell, earl of, British general, III. 779. Leader of the "death charge" at Balaklava, 2 b, and II. 281, 2 c.

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CARDWELL, Edward, English clergyman, III. 784. Edward, statesman, 1 ab.

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CAREW', Thomas, English poet, III. 784.

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CAREY, Henry Charles, American political economist, III. 784. Principles of political economy, 2 bc; XIII. 675, 1 c, ff; XVI. 201, 2 c. On money, XI. 735, 2 c.

CAREY, Mathew, American publisher and author, III. 785. His "Olive Branch," 2 bc; "New Olive Branch," 2 c. Views on political economy, *ib.*; XIII. 675, 1 b.

CAREY, William, English missionary and oriental scholar, III. 786; XI. 641, 2 bc, 646, 2 b.

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Carfou, a form of curfew, V. 582, 1 c.

CARGILL, Donald [kar'-ghil], Scotch Covenanter and leader of the Cameronians, III. 786. Wounded at Bothwell Bridge, 1 c. Sanquhar declaration, 2 a.

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CARIBOU [kâr-e-boo'], American reindeer, III.

- 787 (ill.). Woodland caribou, 1 ab, c, 2 c. Barren ground caribou, 1 ab, 2 c.
- Caribou*, tribe in Alaska, IX. 787, 2 c.
- CÁIKBA**, Indian nation, III. 788; XVI. 566, 2 c.
- CÁ'ÍCA** (botany), III. 788. *C. digitata* or *spinosa*, 2 a (ill.). *C. papaya*, *ib.*; XIII. 44, 2 c (ill., 45).
- CARIES** [ká'-re-eez], inflammation of bone, III. 788. Distinguished from necrosis, 2 b. Causes of, and treatment, 2 bc.
- Carignan* [Fr. ká-re-nyá'ne]: see **CARIGNANO**.
- CARIGNANO** [ká-re-nyá'-no], town of Italy, III. 789.
- Carillon, Fort* [ká-ré-lyó'ne]: see **TICONDEROGA**.
- Carillone*: see **CHIMES**, IV. 437, 1 ab.
- Carina'ria*, mollusk, XI. 722, 2 a; XII. 581, 1 a (ill., 530).
- CARINI** [ká-ré'-ne], town of Sicily, III. 789.
- CARIN'RIA**, duchy of Austria, III. 789.
- CARIN'US**, Marcus Aurelius, Roman emperor, III. 789.
- CARIPE** [ká-ré'-pá], town of Venezuela, III. 789. Cavern inhabited by birds, 2 a.
- CÁ'RISBROOKE**, village of England, III. 789. Carisbrooke castle, 2 b (ill.). Charles I. confined in it, 2 c.
- CARISSIMI**, Giovanni Giacomo [ká-ris'-se-me], Italian composer, III. 790.
- Carimiana*, tribe of: see **KHAREM**, IX. 818, 2 b.
- Carl Benson*, nom de plume, III. 291, 2 ab.
- CARLEE'**, village of Hindostan, III. 790. Buddhist cave temple, 1 c (ill.).
- CARLÉN**, Emilia Schmidt Flygare [kar-lain'], Swedish novelist, III. 790.
- CARLETON** [karl'-tun], two counties, III. 790.
- CARLETON**, Sir Guy, Lord Dorchester, British general, III. 791.
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- CARLI**, Dionigi [kar'-le], Italian missionary, III. 791.
- CARLI**, Giovanni Rinaldo, count, Italian economist and antiquary, III. 791.
- Carlinge*, food for Lent, X. 844, 2 a.
- CARLINO** [kar-lé'-no], (Carlo Antonio Bertinazzi), Italian pantomimist, III. 791.
- Carlincille*, county seat, X. 805, 2 ab.
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- CARLISLE**, city of England, III. 791. Castle, 792, 1 a (ill.).
- CARLISLE**, Sir Anthony, English surgeon and physiologist, III. 792.
- CARLISLE**, Frederick Howard, earl of, English statesman, III. 792. George William Frederick (Lord Morpeth), earl of, 2 a. Lord William Howard, earl of, clergyman, 2 bc.
- Carlists*, adherents of Don Carlos, insurrection of, IX. 423, 1 b; XV. 214, 2 bc; 216, 2 ab, ff.; VI. 740, 1 a.
- CARLOS**, Don [kar'-loce], crown prince of Spain, III. 792. Pretenders to the crown of Spain: Carlos Maria Isidor, 793, 1 a; Carlos Luis Maria Fernando, count of Montemolin, 1 c; Carlos Juan Maria Isidor, 2 a; Carlos Maria Juan Isidor, the present pretender, *ib.* Don Alfonso, his brother and supporter, *ib.* See **SPAIN**, XV. 214, 2 ab, ff.
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- Carlovingian cycle*, of chivalric romances, IV. 292, 1 b.
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- CARLS'BAD** [Ger. karls'-bát], town of Bohemia, III. 794. Origin of the name, 2 bc. Springs, *ib.* Congress of the German powers, 2 c; its decrees against political unions among university students, 795, 1 a.
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- CARLSBORNA** [karls'-kroo-na], seaport of Sweden, III. 795.
- CARLSHAMN** [karls'-hâm], seaport of Sweden, III. 795.
- CARLSON**, Fredrik Ferdinand, Swedish historian, III. 795.
- CARLSRUHE** [karls'-roo-ëh], capital of Baden, III. 795. New theatre, 2 b (ill.).
- CARLSTAD** [karl'-stát], town of Sweden, III. 796.
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- CARLSTADT**, Andreas, German reformer, III. 796; I. 17, 1 b. Carlstadtians, or Sacramentarians, III. 796, 2 b.
- Carl Sunday*, in Lent, X. 844, 2 a.
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- Carlyle*, county seat, IV. 685, 2 b.
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- CARMO'NA, city of Spain, IV. 5 (ill.).
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- CARMONTELLE [kar-mô'-tël], French playwright and artist, IV. 5.
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- Carnallite*, mineral, X. 852, 1 c; XIII. 757, 1 a; 759, 2 c.
- CAENAR'VON, town of Wales, IV. 6. Carnarvon castle, 7, 1 a (ill., 6).
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Clausen'tum, Roman camp in England, remains of, XV. 189, 1 ab.

CLAUSEWITZ, Karl von [fôn klow'-zêh-vits], Prussian soldier and military writer, IV. 647.

Claussen's flax cotton, VII. 284, 2 a.

CLAUSTHAL [klowce'-tâl], town of Prussia, IV. 647.

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Clavenna: see CHIAVENNA.

Clav'erack Landing, town, IX. 28, 2 a.

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CLAVICHOORD [klav'-e-kord], musical instrument, IV. 647; XII. 79, 1 b; XIII. 488, 1 a.

Clavicith'erium, musical instrument, XIII. 488, 1 a.

CLAVIOLE, collar bone, IV. 647.

CLAVIÈRE, Étienne [klâ-ryâir], banker of Paris, IV. 648.

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CLAVIGERO, Francisco Saverio [klâ-vij'-e-ro; Sp. klâ-vê'-hâ-ro], Mexican historian, IV. 648.

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- CLAVIJO, Ruy Gonzalez de [klá-vé-'ho], Castilian ambassador to Tamerlane, IV. 648.
- CLAVIJO Y FAXARDO, José [e fá-'har-'tho], Spanish author, IV. 648; II. 428, 2 a.
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- CLAY, an earth, IV. 648. Artificial, 2 bc. Fat or long, 649, 1 ab; lean, meagre, or short, *ib.* Porcelain clay, 1 b. Potters' or plastic, 2 a. Pipe clay, *ib.* Brick clay, 2 b. Clay for fire brick, 2 bc. Porous, floating on water, 650, 1 b (see BRICK, III. 268, 1 c). Fullers' earth, 2 a.
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- CLAY, Cassius Marcellus, American politician, IV. 651.
- CLAY, Clement Comer, politician, IV. 652.
- CLAY, Green, soldier and preacher, IV. 652.
- CLAY, Henry, American statesman, IV. 652. Advocates gradual emancipation in Kentucky, 2 c; 655, 2 a. U. S. senator, 658, 1 a. His proposition for internal improvements, *ib.* Duel with Humphrey Marshall, 1 b. Representative in congress, and speaker, 1 c. His support of the war with Great Britain, 2 a. Peace commissioner, 2 b. Advocates protection and a national bank, 2 c. The Missouri compromise, 654, 1 a. Charge of bargain and corruption, 1 c; I. 108, 1 bc. Duel with Randolph, IV. 654, 1 c. Secretary of state, *ib.* U. S. senator, 2 a. His tariff compromise, *ib.* French spoliations, 2 b. Leader of the whig party, 655, 1 ab. Candidate for the presidency, 1 c. His resolutions relating to slavery, 2 a. Consistency of his political views, 2 c.—His sons, Henry, James B., and Thomas Hart, 656, 1 a.
- CLAYBORNE, William [klá'-burn], a settler of Virginia, IV. 656. His contest with Maryland, 1 b; III. 630, 1 bc and 2 c; XI. 229, 2 c, and 280, 1 ab, c; XVI. 151, 2 b.
- Clay Centre*, county seat, IV. 651, 2 c.
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- Claying of sugar*, referred to, IV. 650, 1 c.
- Clay ironstone*, IX. 407, 1 a; 409, 1 ab; XV. 643, 2 a.
- CLAYS, Paul Jean [klá], Belgian painter, IV. 656.
- CLAYTON, two counties, IV. 656.
- CLAYTON, village of New York, IV. 657.
- Clayton*, county seat, II. 802, 1 c.
- CLAYTON, John, American botanist, IV. 657.
- CLAYTON, John Middleton, American statesman, IV. 657. Clayton-Bulwer treaty, 1 c; alluded to, III. 24, 1 ab, 488, 1 bc.
- Claytonia* (botany), XIV. 96, 1 ab.
- CLAZOM'ENE, ancient city of Asia Minor, IV. 657.
- Cleansing*, in calico printing, III. 597, 1 a.
- CLEANTHES [kle-an'-theez], Greek philosopher, IV. 657. Hymn to Jupiter, 2 c. Referred to, XI. 809, 2 c; XIII. 438, 2 b.
- CLEAR'OHUS, Lacedæmonian general, IV. 657.
- Clear cole*, in gilding, VII. 808, 2 ab.
- CLEAR CREEK, county, IV. 658.
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- Clearfield*, Roman Catholic settlement, VII. 582, 2 b.
- Clearfield*, county seat, IV. 658, 1 c.
- CLEARING HOUSE: see BANK, II. 282, 2 ab.
- Clearing nut*, XII. 546, 2 bc (NUX VOMICA).
- Clear-obscure*: see CHIAROSCURO.
- "*Clear the causeway*," conflict so called, VI. 407, 2 c.
- CLEAVELAND, county, IV. 658.
- CLEAVELAND, Parker, American mineralogist, IV. 658. His treatise on mineralogy and geology, XI. 590, 2 c.
- Cleavelandite*, mineral, VII. 114, 2 c.
- Cleburne*, county seat, IX. 656, 1 c.
- CLEBURNE, county, IV. 659.
- CLEEF, Jan van [van klaf], Flemish painter, IV. 659.
- CLEEF, Joost van, Flemish painter, IV. 659.
- Clef*, in music, XII. 77, 1 a, 2 b.
- Cleg*, gadfly, VII. 551, 1 b; XVI. 20, 1 c.
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- CLEMENS, Samuel Langhorne (Mark Twain), American humorist, IV. 660.
- Clemens Romanus*, pope: see CLEMENT I.
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CLÉMENT, Jacques, French regicide, IV. 664.

CLÉMENT, Jean Pierre, French historian, IV. 664.

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- Clinton*, county seats, I. 472, 1 b; VI. 64, 1 c; 875, 1 b; VIII. 641, 2 a; 715, 1 b; XIV. 593, 2 b.
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- Clio borealis*, mollusk, XI. 722, 1 c.
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- CLITH'EROE, borough of England, IV. 692.
- CLITOMACHUS [kli-tom'-a-kus], Carthaginian writer, IV. 692.
- Clitophon*, hero of a Greek romance, I. 65, 1 b.
- CLITUM'NUS (now Clitumno), river of Italy, IV. 692. Temple of Jupiter Clitumnus, 2 b.
- CLITUS, Macedonian general, IV. 692; I. 278, 1 b.
- CLIVE, Robert, lord, British soldier and statesman, IV. 692. His capture and defence of Arcot, 693, 1 b; brilliant victories, 2 a, c. Plot against Surajah Dowlah, 694, 1 a; Clive's treachery, 1 b, 2 a. Battle of Plassey, 1 c. Plunder of the treasury of Bengal, 2 a. Raised to the Irish peerage, 2 b. Appointed governor and commander-in-chief of Bengal, 2 c. Parliamentary investigation of his conduct, 695, 1 a.
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CLONFERT', Irish bishopric, IV. 706.

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Clos de Vougeot [klo dth voo-zhō], wine, VII. 413, 1 a; vineyard, IV. 614, 1 bc.

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Cloth, woollen, manufacture of, XVI. 718, 1 a.

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COWELL, John, English civilian, V. 440.

COWES [kowz], seaport of England, V. 441 (ill.). Osborne house, 2 a.

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Cow fish, III. 226, 1 a.

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COWHAGE [kow'-ij], plant, V. 441 (ill.).

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Cowper, Judith: see POPE, Alexander, XIII. 709, 1 c.

COWPER, William, earl, English judge, V. 443. Mary, countess, 2 a.

COWPER, William, English anatomist, V. 443. Cowper's glands, 2 a. See BIDLOO.

COWPER, William, English poet, V. 443. "John Gilpin," 444, 1 a. Translation of Homer, 1 b.

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COYNE, Joseph Stirling, British playwright, V. 447.

COYOTE [ko-yo'-tá]: see WOLF, XVI. 696, 1 bc.

COYPEL, Noël [kwá-pèl], French painter, V. 447. Antoine, 2 ab. Noël Nicolas, 2 b. Charles Antoine, 2 bc.

COYPU [koi-poo'], rodent animal, V. 447 (ill.). Fur of, 448, 1 a; VII. 539, 1 c.

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Crab, in printing press, XIII. 852, 2 c.

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CRABBE, George, English poet, V. 451.

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CRAFTS, William, lawyer and author, V. 454.

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CRAIK, James, American physician, V. 455.

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Crambe maritima (botany), XIV. 729, 2 bc (ill., 730).

CRAMER, Johann Andreas [krá'-mer], German poet and theologian, V. 455. Karl Friedrich, scholar, 2 c.

CRAMER, John Baptist, musical artist and composer, V. 456.

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CRANACH, Lucas [krá'-ná'h], German painter and engraver, V. 456. Lucas (2d), 2 a.

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CRATES [krá'-teez], Athenian comic poet, V. 462. Cynic, 2 b. Philosopher, 2 c. Greek grammarian, 463, 1 a.

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CRAYER, Gaspard de [krí'-er; Fr. krá'-yá], Flemish painter, V. 468.

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CREUZER, Georg Friedrich [kroit'-ser], German philologist and antiquary, V. 478.

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CREUZNACH [kroits'-nä'h], town of Prussia, V. 479.

CRÈVECŒUR, Hector Saint-John de [kraiv-kür], French agriculturist and traveller, V. 479.

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- CRITIAS**, leader of the thirty tyrants, V. 491.
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- CROOKS**, George Richard, American clergyman, V. 511.
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* In the initial syllable Gus Spaniards pronounce the G either very slightly or not at all; and in writing they often substitute H, which is always silent. In English pronunciation of familiar names, Gus is usually sounded gaw; as gaw-dalquiv'er for Guadalquivir; gaw-te-maw'-la for Guatemala.

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 SEBASTIAN, Saint, Roman martyr, XIV. 743.
 SÉBASTIANI, François Horace Bastien, count [sā-bās-tyā-ne], French soldier, XIV. 743. Referred to, I. 259, 2 bc.
Sebastianists, fanatical sect, II. 267, 2 b.
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Seborra'im, Jewish thinkers, VIII. 595, 2 a.
Sebustieh [sā-boos-tē'-ēh], site of Samaria, XIV. 589, 2 ab.
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 SECOHI, Pietro Angelo [sek'-ke], Italian astronomer, XIV. 744. (Died 1878.)
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SECKER, Thomas, English prelate, XIV. 744.

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SECOND ADVENTISTS, religious sect, XIV. 745. Seventh Day Adventists, 2 a.

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SEDAN' [Fr. sã-dã's], fortified town of France, XIV. 747. Sedan chairs (for passengers, carried by hand), 1 b. Battle of, VII. 397, 1 a; X. 800, 1 b; XVI. 654, 1 b.

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SEDEGWICK, county, XIV. 748.

SEDEGWICK, Adam, English geologist, XIV. 748.

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SEDELEY, Sir Charles, English poet, XIV. 749.

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SEEBACH, Marie [zã'-bã'h], German actress, XIV. 752.

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SEEMANN, Berthold [zã'-mãn], German naturalist, XIV. 752.

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Seggar, case for baking fine stone ware, XIII. 789, 2 c (ill., 790).

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Seguin [sẽ'-gwin], county seat, VIII. 276, 1 b.

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SEMLIN [zem'-leen'], town of Slavonia, XIV. 762.
SEMMERING, Alpine mountain chain, XIV. 762. Railway, 763, 1 a.
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Semneh, Egyptian fortress, VI. 749, 1 c.
Semnopithes'cus (zoölogy), XI. 752, 2 b; 753, 2 a. S. entellus, 2 bc (ill.).
SEMPACH [zem'-pâ'h], town of Switzerland, XIV. 763. Battle of, *ib.*: see WINKELRIED.
SEMPER, Gottfried, German architect, XIV. 763. Hans, professor, 2 b. Karl, traveller, *ib.*
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SEMPLE, Robert Baylor, American clergyman, XIV. 763.
Sena, island of Gaul, VI. 271, 1 b (DRUIDS).
SENAE, Jean Baptiste [sä-näk], French physician, XIV. 763. Gabriel Senae de Meilhan, author, 764, 1 a.
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SENATE, deliberative assembly, XIV. 764.
Senatobia, county seat, XV. 582, 2 ab.
Senatus academicus, XVI. 211, 2 c; 213, 1 c.
Senatus consulta, decrees of the Roman senate, XIV. 764, 2 b; IV. 619, 2 a.
Senatus Consultum de Bacchanalibus, X. 193, 1 b.
SENECA, two counties, XIV. 765.
Seneca, county seat, XII. 223, 2 a.
SENECA, Marcus Annæus, Roman rhetorician, XIV. 765. Lucius Annæus, philosopher, 2 b; X. 196, 2 b.
SENECA FALLS, village of New York, XIV. 766.
SENECA LAKE, New York, XIV. 766.
SENECA OIL: see PETROLEUM, XIII. 367, 2 a.
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SENECAS, Indian nation, XIV. 766; IX. 412, 1 bc.
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SENEFELDER, Aloys [zä'-nëh-fel-der], inventor of lithography, XIV. 767; X. 526, 1 ab, bc.
SENEGAL, river of Africa, XIV. 767.
SENEGAL, French territory, XIV. 767.
SENEGAMBIA, region in Africa, XIV. 767.
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Sé'nes, the nine, VI. 271, 1 b (DRUIDS).
Seneschallus, of Oxford, XII. 762, 2 c.
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SENIOR, Nassau William, English political economist, XIV. 768; XIII. 672, 2 ab.
SENLIS [sä'-leece], town of France, XIV. 768.
SENNÄ, plant and drug, XIV. 768 (illa.). American, 769, 2 a. Confection of, XV. 511, 2 c.
SENNAR [sen-nar'], country of Africa, XIV. 769.
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Senones [sen'-o-nee], ancient Gauls, VI. 648, 2 a; XIV. 770, 1 c.
SENS [sä's], town of France, XIV. 770.
Sensation, residual, in harmony, VIII. 46f, 1 c.
Sensibility, physiological, XIII. 485, 2 a; XII. 233, 2 c.
Sensitive flames, XV. 175, 1 b. See FLAME, VII. 255, 2 b.
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Senti'num, battle of, XVI. 110, 1 b; VII. 647, 2 b.
Sepals, of a plant, XIII. 585, 1 b.
"Separated Lutheran" churches, X. 585, 2 c.
Separator, of a loom, XVI. 523, 1 c.
Separatists, those Puritans who withdrew from the church of England, referred to, V. 245, 2 a.

Sepedonium chrysosepermum (botany), VII. 531, 2 b.

Sephardim, a division of the Jews, IX. 619, 1 ab.

Sepher Yetzirah, cabalistic treatise, III. 521, 1 b. *Sepher haz-Zohar*, treatise, *ib.*

SEPIA, pigment, XIV. 770.

Sepia officinalis (zoölogy), V. 596, 2 a (ill.).

SEPOYS, native troops of India, XIV. 770; IX. 209, 2 c. Sepoy revolt, XIV. 770, 2 c; II. 333, 2 c; III. 22, 1 a; VI. 618, 2 c; VIII. 522, 1 ab; IX. 211, 1 b; X. 233, 2 b, c, 707, 1 b; XI. 357, 2 a; XII. 129, 2 a, 741, 1 a.

SEPS, genus of reptiles, XIV. 771. Four-toed seps, 1 ab. *S. tridactylus*, 1 b (ill.).

SEPTEMBER, month, XIV. 771. "Great September gale" in 1821, XIV. 235, 1 b.

September massacres, in France, VII. 388, 1 a.

Septem Fratres, mountain range, IV. 218, 2 ab.

Septennate, the, term of office, X. 800, 2 b.

Septennial act, of parliament, VII. 703, 2 ab.

Septomania, puerperal, XIV. 69, 1 b, c.

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Septinsular republic, IX. 330, 2 a.

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Septum, nasal partition, XII. 516, 1 a. *Septa*, in marine shells, VIII. 98, 1 c.

Sepulchre, in the altar of a Roman Catholic church, I. 359, 2 b. In Greek and Roman Catholic churches, VIII. 101, 1 bc.

SEPULVEDA, Juan Ginez de [sä-pool'-vä-thä], Spanish historian, XIV. 771. His attack upon Las Casas, X. 179, 2 b.

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SEQUACHE, county, XIV. 771.

Sequestrum, separated bone, XII. 205, 2 c; 724, 1 b.

SE'QUIN, coin, XIV. 771.

SEQUOIA, genus of trees, XIV. 771. Age of, I. 184, 1 a; size, 510, 2 a. *S. sempervirens*, XIV. 771, 2 c (ill., 772); III. 606, 1 b. *S. gigantea*, XIV. 772, 2 a (ill.), 773, 1 c; III. 606, 1 ab. Age of, I. 184, 1 b; bark, II. 314, 1 a.

SEQUOYAH, county, XIV. 773.

Sequoyah: see GUESS, George.

SERAGLIO [se-ral'-yo]: see CONSTANTINOPLE, V. 275, 1 c.

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SERAING [süh-rä'ng], village of Belgium, XIV. 773; X. 417, 1 a. See COCKERILL.

SERAMPORE', town of India, XIV. 773.

Serape [sä-rä-pä'], kind of shawl, VIII. 275, 2 bc; 292, 1 a.

Serape'um (temple of Serapis), at Alexandria, XIV. 773, 2 b; at Puteoli, 2 bc; at Memphis, 2 c, XI. 165, 2 b, bc.

Seraphic doctor (Bonaventura), III. 56, 1 a.

Seraphine [sër'-a-feen], musical instrument, XIV. 242, 2 b.

Serapion, abbot (St., surnamed Scholasticus, author of an extant treatise against the Manichæans), referred to, XI. 723, 2 c.

SERA'PIS, Egyptian deity, XIV. 773; XII. 720, 1 ab. Statue of, VI. 568, 1 ab. Shrine and oracle of: see CANOPUS.

Serapis, ship of war, IX. 679, 1 ab.

Seraskier, Turkish title, I. 723, 1 b.

SERAYEVO [sä-ra-yä'-vo]: see BOSNA-SERAI.

SERBATI: see ROSMINI SERBATI.

Serbs: see SERVIA, XIV. 780, 2 c.

Serb waywodeship of Banat of Temes, II. 264, 2 a.

Serena [sä-rä'-na], serenade, XIV. 40, 2 a; XII. 88, 2 b.

Serendib, a name of Ceylon, IV. 221, 2 c.

Sereth [sër-et'], river (about 300 m. long), III. 420, 1 b; XI. 703, 2 c, 704, 1 a.

SERF, feudal slave, XIV. 773. Mediæval serfdom, 774, 1 a. In France, 2 c; in Italy and Germany, 775, 2 b; in England, *ib.*; in Poland, 776, 1 a; in Hungary (abolition of), *ib.*; in Russia, 1 ab. Abolition of serfdom in Prussia, VIII. 452, 2 b. Relaxation of it in Russia, I. 281, 1 b; partial abolition, 283, 1 ab; complete, 284, 2 b, XIV. 494, 2 c, 776, 1 b. See ALLODIUM, and FEUDAL SYSTEM, VII. 162, 1 a, ab.

Sergeant [ser'-jent or sar'-jent], origin of the title, XIV. 535, 2 b.

Sergeant, lawyer, X. 237, 1 b.

SERGEANT, John [sar'-jent], American jurist, XIV. 776.

SERGIPE [säir-zhé'-pä], province of Brazil, XIV. 776.

Sergius (Tychicus), Paulician leader, XIII. 177, 2 c.

Sergius, patriarch of Constantinople (608-639), XI. 758, 1 b, bc.

Seric'ulus (ornithology), XII. 694, 2 a.

Serigny, sieur de [süh-ré-nyé]: see LE MOYNE, X. 338, 1 b.

SERINAGUR', capital of Cashmere, XIV. 776.

SERINGAPATAM', city of Mysore, XIV. 776.

Seringat (caoutchouc), III. 735, 2 b.

Sermaneto, Enrico [säir-mä-nä'-to]: see CAJETAN, III. 560, 1 b.

- Sermon on the mount*, Jesus Christ's, IX. 687,
1 a. A Mohammedan ceremony, I. 627, 2 c.
- Seroline* [sēr'-o-lin], in blood, IV. 514, 2 c.
- SEROUS MEMBRANES: see MEMBRANE, and I.
462, 1 c.
- Seroux d'Agincourt* [sūh-roo dā-zhā'-kooor]:
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- SERPENT, musical instrument, XIV. 777.
- SERPENT, reptile, XIV. 777. See COMPARATIVE ANATOMY, and REPTILES. Systems of classification: see HERPETOLOGY. Poison apparatus: see COBRA DE CAPELLO, RATTLE-SNAKE, and VIPER. As a type of Æsculapius, I. 152, 2 bc. Great marine serpent, so called, XVI. 813, 2 c. See SEA SERPENT.
- Serpent*, rocket, XIV. 117, 2 a; 367, 2 c.
- Serpentarius* (ornithology), XIV. 745, 2 bc. S. reptilivorus, 2 c (ill., 746).
- Serpent eater*, bird, XIV. 745, 2 c.
- SERPENTINE: see MARBLE, XI. 147, 2 c.
- Serpentine*, the, London, X. 596, 2 c; XIII. 102, 2 c (see map).
- Serpentine barrens*, in Pennsylvania, XIII. 256, 2 a.
- Serpent isle*, Black sea, II. 688, 1 a.
- Serpent star*, star fish (ill.), XII. 644, 1 a.
- SERRANO, Francisco [sáir-rá'-no], duke de la Torre, Spanish statesman, XIV. 778.
- Serrano*, Peter, most probable prototype of Robinson Crusoe, V. 768, 2 c.
- Serranus* (ichthyology), XIII. 284, 1 a.
- Serrated suture*, of the cranium, I. 788, 2 b.
- SERTORIUS, Quintus, Roman general, XIV. 779.
- Sertürner* [záir'-tūr-ner], (Friedrich Wilhelm, died 1841), discoverer of morphia, I. 322, 2 a; XII. 648, 1 c.
- Serum*: see BLOOD, II. 732, 1 b, c.
- SERVAL, animal, XIV. 779 (ill.).
- SERVANT: see MASTER AND SERVANT. Indented servants, VI. 573, 1 a (EMIGRATION).
- Servants of the Virgin Mary*: see SERVITES.
- Servetists*, XIV. 780, 2 a (SERVETUS).
- SERVE'TUS, Michael, Spanish author, XIV. 779. His trial and execution for heresy, 780, 1 b, ff.
- SERVIA, state of Europe, XIV. 780. Government, 781, 1 a. History, 2 a.
- SERVIAN LANGUAGE AND LITERATURE, XIV. 783.
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Taffi, *Andrea* (1213-'94), Italian sculptor, XI. 857, 2 b.

TAFLET', division of Morocco, XV. 558.

TAGANBOG', city of Russia, XV. 558.

Ta'ges, Etrurian demon, VI. 765, 2 c.

Tagetes [ta-jé'-teez], (botany), XI. 166, 2 b. T. erecta, 2 bc (ill.); patula, 2 c (ill.); signata and lucida, *ib.*

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TAGLIAOZZI [tá-lyá-kot'-se]: see **TALIAOOTTUS**.

TAGLIONI, Filippo [tá-lyó'-ne], Italian ballet master, XV. 553. Maria, dancer, 2 a. Paul, ballet master, 2 b. Maria, his daughter, 2 b.

Taguan [tá-gwán'], flying squirrel, VII. 299, 2 ab.

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Tagus, Thessalian chief general, XIII. 887, 1 b.

Taherides [tá'-her-ids], Turkish dynasty in Khorasan (820-872), XVI. 69, 1 b.

Tah-gah-jute, X. 575, 1 b (**LOGAN**).

TAHITI [tá-hé'-te]: see **SOCIETY ISLANDS**.

TAH'LEQUAH, capital of the Cherokee nation, XV. 554.

Tahoe, lake [tá'-ho], XII. 264, 1 a.

Tahraka, Ethiopian king, VI. 749, 2 bc.

Taihu [ti'-hoo'], lake of China, IV. 443, 1 ab.

Taiko Sama [ti'-ko sá'-ma]: see *Hideyoshi* (Index).

Taikun [ti'-koon']: see **JAPAN**, IX. 543, 1 bc.

Tail, law word (fee tail), origin of, VII. 109, 1 a.

Tail coverts, in plumage, VII. 105, 2 c.

Tailings, of ore, XI. 422, 1 b; VIII. 85, 1 a; XV. 52, 1 b.

Tailler [tá-yá]: see *Tail* (Index).

TAINÉ, Hippolyte Adolphe [tain], French author, XV. 554; I. 154, 1 b (**ÆSTHETICS**).

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TAIT, Archibald Campbell, archbishop of Canterbury, XV. 554.

TAIT, Peter Guthrie, British mathematician, XV. 554.

Taiwang-foo [ti-wáng-foo'], capital of Formosa, VII. 322, 1 c.

Taj el-Arás [táj el-á-roos'], native Arabic dictionary, I. 623, 1 c.

Tajiks [tá-jeeks'], Iranic race, IX. 347, 1 a; II. 209, 1 b, 799, 1 ab; XVI. 67, 1 c.

Taj Mahal, mausoleum, I. 191, 1 a (ill.).

Tajo [tá'-ho]: see **TAGUS**.

Tajurra [tá-joor'-ra], town of Africa, I. 80, 1 ab. Bay of, 79, 2 c.

Takkara nation, referred to, VI. 766, 1 b.

Tak Kesra, ruins of, V. 543, 2 c.

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Talapoin, Buddhist priests, XIII. 832, 1 c.

TALAVERA DE LA REYNA [tá-la-vá'-ra dá lá rá'-e-na], town of Spain, XV. 554.

TALBOT [tawl'-but], two counties, XV. 554.

TALBOT, William Henry Fox, English author, XV. 554. (Died 1877.)

Talbot breed of hounds, II. 736, 2 c; 737, 1 b.

Talbotton, county seat, XV. 554, 2 bc.

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Talcahuana [tál-ka-wá'-na], port of Chili, V. 198, 1 ab.

Talcosse slates, so called, XIV. 371, 1 ab.

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Taliacotian operation, in surgery, XV. 556, 1 a; II. 156, 2 a.

TALIACOTIUS, Gasparo, Italian surgeon, XV. 556.

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Talipes equinus, club-foot, IV. 718, 2 a; 719, 1 c. T. *varus*, 718, 2 bc; *valgus*, 2 c.

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TALLIEN, Jean Lambert [tá-lyá*], French revolutionist, XV. 558.

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Tallmadge, N. P. (Nathaniel P., 1795-1864, U. S. senator from New York 1833-'44, governor of Wisconsin territory 1844-'5), referred to, XV. 278, 2 a.

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Tallulah, county seat, IX. 486, 1 b.

TALMA, François Joseph, French actor, XV. 559. Mme. Talma, actress, 560, 1 b.

TALMAGE, Thomas De Witt [tál'-mage], American clergyman, XV. 560.

TALMUD, body of Jewish laws, &c., XV. 560. See MISHNA, and HEBREWS, VIII. 595, 1 b. Language of the, I. 631, 2 c.

Talon, in écarté, VI. 884, 2 b.

Talookdars, a landed nobility of Oude, XII. 789, 1 c.

Talpa (zoology), XI. 705, 1 c. T. *Europæa*, 1 c (ill.); *cæca*, 2 b.

Talus, deified inventor of the saw, XIV. 651, 1 b.

Talvi, nom de plume, XIV. 861, 2 b.

TAMA [tá'-ma], county, XV. 561.

Tama, Feejee indication of respect, VII. 111, 2 a.

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Tamanend, mythical Delaware chief, V. 778, 1 a.

Tamanoir, ant-eater, I. 544, 1 a.

TAMAQUA [tá-maw'-kwá], borough of Pennsylvania, XV. 561.

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Tamarin, species of monkey, XI. 181, 2 b.

TAMARIND, tree and fruit, XV. 561 (ill.).

Tamarindus Indica (botany), XV. 561, 1 bc (ill.).

TAMARISK, shrub, XV. 561. Common, 562, 1 a (ill.). Tamarisk manna, 1 b.

Tamarix (botany), XV. 561, 2 c. T. *Gallica*, 562, 1 a (ill.); *Africana*, *mannifera*, and *orientalis*, 1 b.

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TAMAULIPAS [tá-mow-lé'-pás], state of Mexico, XV. 562.

TAMBERLIK, Enrico, Italian singer, XV. 562.

Tambookis, African tribe, III. 547, 1 c.

TAMBOURINE [tam-boo-reen'], musical instrument, XV. 562.

TAMBOV', government of Russia, XV. 562. Capital city, 2 c.

TAMBURINI, Antonio [tám-boo-ré'-ne], Italian singer, XV. 562. (Died 1876.)

TAMBURINI, Pietro, Italian theologian, XV. 563.

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Tamina, gorge of the [tá-mé'-na], XIII. 877, 2 b.

Tammany: see *Tamanend* (Index).

Tammus (or Thammuz, oriental Adonis, widely worshipped: see Ezek. viii. 14), referred to, XII. 118, 1 c.

Tamoyas, S. American Indians, XVI. 41, 1 c.

Tampa, county seat, VIII. 729, 1 b. Tampa bay, *id.*

Tampang, cakes of benzoin, II. 545, 2 ab; currency of the Bataks, *id.*

TAMPICO [tam-pé'-ko], town of Mexico, XV. 563.

Tamping, in blasting rock, II. 699, 1 c. Tamping rod, 2 a. Tamping bar, XIII. 94, 1 bc.

Tamulians, people of India, IX. 214, 2 bc; 215, 1 bc.

Tamuls, people of India, IX. 215, 1 bc.

Tanacetum vulgare (botany), XV. 567, 2 c (ill.).

TAN'AGER, bird, XV. 563. Scarlet tanager, 2 ab (ill.). Mississippi tanager, or summer red bird, 2 c. Bishop tanager, 564, 1 b. Festive tanager, *ib*.

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Tanagri'na (ornithology), XV. 563, 1 c.

Tanaim, Jewish teachers, VIII. 594, 2 c.

TANAIS [tan'-a-is]: see DON.

TANANARIVO [tá-na-ná'-re-vo], capital of Madagascar, XV. 564.

Tanaquil, queen of Rome, XV. 572, 2 c; XIV. 785, 1 c.

Tanchelin [tán'-kèh-lin], religious fanatic, I. 81, 2 c. (Killed by a priest about 1115.)

TANORED, Italian crusader, XV. 564.

TANEY [taw'-ne], county, XV. 564.

TANEY, Roger Brooke, American jurist, XV. 565. Dred Scott decision, 1 c.

TANGANYIKA [tan-ga-nyé'-ka], lake of Africa, XV. 565; I. 167, 1 ab; XII. 447, 2 b.

Tangena, poisonous fruit, XII. 675, 1 c; X. 813, 1 bc.

Tangent, in mathematics, XV. 865, 2 c.

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Tanggalung, civet, II. 403, 1 c.

TANGIER [tan'-jeer'], or Tangiers, city of Morocco, XV. 566.

TANGIPAHO'A, parish of Louisiana, XV. 566.

Tangle, species of algæ, I. 299, 1 c.

Tanistry, law of, III. 245, 2 a.

TANJORE', district of India, XV. 566. Capital, 567, 1 a (ill., 566).

Tanjore pills, IV. 772, 2 ab.

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Tank cars, for petroleum, XIII. 372, 1 a.

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TANNAHILL, Robert, Scottish poet, XV. 567.

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Tantras, in Hindoo literature, IX. 229, 1 c.

Tanzimat, Turkish board of reforms, I. 2, 1 b.

Tao [tow], religion of the, in China, IV. 454, 2 b.

Tao, division of Corea, V. 850, 1 c.

Taormina [towr-mé'-na]: see TAUBOMENTIUM, XV. 585, 2 c.

TAOS [tá'-oce], county, XV. 568.

Tao-ssé [tow-sá'], Chinese sect, IV. 454, 2 bc.

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Tap, puddling cinder, IX. 400, 2 ab.

Tapa [tá'-pa], bark cloth, XII. 80, 1 a; III. 284, 2 c; II. 814, 1 b.

Tapajos [tá-pá'-zhoce], river of Brazil, III. 220, 1 a.

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Tappahannock, county seat, VI. 735, 1 c.

Tappan, Arthur (1786-1865), merchant and abolitionist, VII. 629, 1 a; XV. 100, 1 a.

TAPPAN, Henry Philip, American clergyman, XV. 569. On logic, X. 582, 1 c.

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Tar'antism, nervous affection, XV. 570, 2 c. Tarantismus, V. 668, 2 c.

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Taren'tola (zoölogy), VII. 656, 1 c.

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Targat [tar'-ghet], shield, XIV. 853, 1 c.

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Tarik (or *Tarif*) *ben Zeyad* [tâ-reek' ben zâ-yâd'], Saracen leader, VII. 800, 2 c; XV. 572, 1 ab (Tarif ibn Malek).

Tarkhan', princely title, XIV. 589, 1 b.

Tar lake, in Trinidad, II. 672, 2 ab.

TARLETON, Bannastre, English soldier, XV. 572. "Tarleton's quarter," 1 bc.

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Tartan, a Scottish fabric, XIV. 700, 2 a.

Tartan, Assyrian general-in-chief (title), II. 85, 1 b, 2 c.

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Tepeleeni [tā-pā-lā'-ne], town of Albania (pop. about 8,000), I. 810, 2 ab, b.

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Tepidarium, in ancient baths, II. 383, 1 b (ill.).

TEPLITZ, watering place of Bohemia, XV. 656.

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TERBULG, Gerard [tāir'-burg], Dutch painter, XV. 657.

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TERE'DO: see SHIP WORM, XIV. 870, 2 c; V. 202, 1 c; XI. 722, 1 a. T. navalis, XIV. 871, 1 a (ill.).

TERENCE, Roman comic poet, XV. 657.

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Teresia, Mme. [tā-rā'-ze-a], dwarf, VI. 335, 2 c.

Terfezia (botany), XVI. 14, 1 a.

Terges'te, ancient city, XV. 863, 2 c; 864, 1 c.

Tergesteum, edifice in Trieste, XV. 864, 1 a.

TERHUNE', Mary Virginia, American novelist, XV. 657.

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TERMINI-IMERESE [tāir'-me-ne-e-mā-rā'-zā], town of Sicily, XV. 657.

Terminus, Roman deity, XII. 118, 2 b, bc; 534, 2 b; III. 756, 1 a.

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TERNI [tāir'-ne], town of Italy, XV. 660.

TERPAN'DER, Greek musician, XV. 660.

Terpenes, XVI. 77, 2 bc (TURPETINE, Oil of).

TERPSICHO'RE [terp-sik'-o-re], muse, XV. 660.

TERRA, Roman deity, XV. 660.

TERRACINA [tāir-ra-ehé'-na], town of Italy, XV. 660.

TERRA COTTÀ, earthenware, XV. 660; XIV. 715, 2 b. Corinthian vases of, V. 354, 2 a.

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Terrai [tāir-rī'], pestilential tract in India, VIII. 731, 2 a.

Terra Japonica, a vegetable extract, VII. 607, 1 bc; IV. 105, 2 c.

Terral', land breeze in Cuba, VIII. 519, 2 c.

Terra Lemnia, medicinal earth, X. 336, 1 a.

Terra ponderosa, II. 818, 1 a (BARIUM).

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TERRE BONNE [Fr. tāir būn; usually, tar bone], parish of Louisiana, XV. 662.

TERREBONNE, county of Canada, XV. 662.

TERRE HAUTE [tēr'-re hut; Fr. tāir ote], city of Indiana, XV. 662.

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Terreplein [tāir-plain'; Fr. -plā'*, in fortification, VII. 329, 2 ab. (See plan.)

TERRESTRIAL MAGNETISM: see MAGNETISM, Terrestrial.

Terre verte [tāir vāirt], XII. 805, 2 b (PAINTS). "Terrible Tractoration," poem, VII. 157, 1 bc.

TERRIER, dog, XV. 662 (ill.).

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Territory of the United States south of the Ohio, XV. 649, 2 ab.

Tertian type, of fever, VII. 164, 2 c. Double tertian, 165, 1 a.

TERTIARIANS, in a monastic order, XV. 663; VI. 200, 2 c; VII. 427, 1 a; XI. 730, 1 c.

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- TESCHEN** [tā'-shen], town of Austria, XV. 664. Peace of, *ib*.
- Tessa-Zion*, learned Abyssinian, VI. 752, 2 a.
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- Tes'sera*, in mosaic, XI. 856, 2 a; 857, 1 bc.
- TESSIN** [Fr. tā-sā''; Ger. tes-seen']: see **TICINO**.
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- Test act*, in England, IX. 518, 1 ab, c. Repeal of, VI. 139, 2 a.
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- Testry, battle of*, XIII. 278, 1 b.
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- TESTUDINATA**, order of reptiles, XV. 664 (ill.).
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- Testu'do*, a covering of shields, I. 740, 2 a.
- Testudo elephantopus* (zoölogy), XV. 813, 1 b. T. Græca, 1 b; polyphemus, 812, 2 c; nigra, VII. 557, 1 b.
- TET'ANUS**, disease, XV. 666.
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- Tetraon'idæ* (ornithology), VIII. 270, 1 c.
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- TEU'CEB**, king of Troy, XV. 668. Grecian hero, 1 ab.
- Teufelsdröckh, Diogenes* [toi'-felce-drök], in Carlyle's "Sartor Resartus," III. 797, 2 ab.
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- TEUFFEL**, Wilhelm Sigismund [toi'-fel], German philologist, XV. 668.
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TODHUNTER, Isaac, English mathematician, XV. 787.

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- ZALMA, town of Numidia, XVI. 803. Battle of, VIII. 444, 1 ab.
- ZAMACOIS, Eduardo [thá-ma-ko'-eece or -koi's], Spanish painter, XVI. 803.

Zamarra [thá-már'-ra], death costume of victims of the inquisition, IX. 295, 1 b.
ZAMBESI [zam-bá'-ze], river of Africa, XVI. 803; I. 166, 1 c.
Zambos, half-breeds, XII. 424, 1 ab.
ZAMOJSKI, Jan [zá-moi'-ske], Polish statesman, XVI. 804. Andrzej, count, statesman, 1 c.
ZAMORA [thá-mo'-ra], province of Spain, XVI. 804. Capital city, 2 b.
Zamora [sá-mo'-ra], original name of Maracaybo, XI. 142, 1 c. (Present name of the former state of Barinas, Venezuela.)
ZAMORA, Antonio de, Spanish dramatist, XVI. 804.
Zamorin, rajah of Calicut, VII. 605, 1 a, c.
Zamoyski: see **ZAMOJSKI**.
ZAMPIERI [dzám-pyá'-re]: see **DOMENICHINO**.
ZANCLE [zan'-klé]: see **MESSINA**, XI. 418, 1 bc; VIII. 733, 2 c.
ZANESVILLE, city of Ohio, XVI. 804.
ZANGUEBAR: see **ZANZIBAR**.
Zanta, lake of, XIV. 725, 1 b.
ZAN'TE, Grecian nomarchy, XVI. 805. Island, 1 c. "Zante currants," *ib.* Capital city, 2 a.
Zany, harlequin, VIII. 463, 1 c.
ZANZIBAR, country of Africa, XVI. 805. Island, 806, 1 b. City, 1 c.
ZAPATA [sá-pá'-ta], county, XVI. 806.
ZÁPOLYA [zá'-po-lyaw]: see **HUNGARY**, IX. 57, 2 a, ab; **AUSTRIA**, II. 144, 1 b; **FERDINAND**, VII. 132, 2 b.
Zaporogians, Cossack tribe, V. 391, 2 a.
Zaqi [sá'-ke], a regal title, XII. 107, 2 ab.
ZARA [zá'-ra], capital of Dalmatia, XVI. 806.
ZARÁND [zor'-ánd], county of Hungary, XVI. 806.
Zariaspe, capital of Bactria, II. 208, 1 bc.
ZAUSCHNERIA (botany), XVI. 807. *Z. Californica*, 1 ab (ill.).
ZAVALA [sá-vá'-la], county, XVI. 807.
Zax: see **SLATE**, XV. 88, 1 c.
Zaylah: see **ZEILAH**.
ZE'A, island of Greece, XVI. 807.
ZEALAND, province of the Netherlands, XVI. 807.
Ze'a mays (botany), XI. 42, 1 ab. *Z. cryptosperma*, 2 c.
ZEBRA, animal, XVI. 807 (ill.).
ZEBU, Indian ox, XVI. 808 (ill.).
ZEBÚ ISLAND: see **CEBÚ**.
Zebulon, county seat, XIII. 511, 1 c.
ZEBULUN, son of Jacob, XVI. 808.
ZECHARIAH, Hebrew prophet, XVI. 808.

ZEDEKIAH: see **HEBREWS**, VIII. 589, 2 b.
ZEELAND [zá'-lánd]: see **ZEALAND**.
ZEILAH [zá'-lá], Egyptian seaport, XVI. 808.
ZEISBERGER, David [tsice'-bair'-gher], Moravian missionary, XVI. 809.
ZEITZ [tsáites], town of Prussia, XVI. 809.
ZELLE: see **CELLE**.
ZELLER, Eduard [tsel'-ler], German scholar, XVI. 809.
ZELLER, Jules Silvain [zel-láir], French historian, XVI. 809.
ZELTER, Karl Friedrich [tsel'-ter], German composer, XVI. 810.
Zemaun, sovereign of Afghanistan, I. 161, 1 a; VIII. 675, 1 a.
Zem'indary, a land revenue system in India, IX. 205, 2 c. Zemindars, landholders, *ib.*; II. 525, 1 c.
ZEMPLÉN, or Zemplin [zem'-plain, -pleen], county of Hungary, XVI. 810.
Zem-zem, holy well: see **MECCA**, and I. 6, 2 c.
Zenai'da (ornithology), XIII. 506, 1 c. *Z. amabilis*, *ib.*
ZENAIDA DOVE: see **PIGEON**, XIII. 506, 1 c.
Zenaidura Carolinensis (ornithology), XVI. 82, 1 c (ill.).
ZEND-AVESTA, the Zoroastrian scriptures, XVI. 810. *Zend*, 1 c; 811, 1 a. *Avesta*, 810, 2 a; age and place of origin, 1 c. Zoroastrian literature, 811, 1 ab. Sanskrit version of, 1 b. Its difficulties, 1 bc.
ZEND LANGUAGE: see **ZEND-AVESTA**. Restoration of by Burnouf, III. 472, 1 b.
ZE'NICK: see **SUBICATE**.
ZENITH, XVI. 811. Zenith sector, VI. 356, 2 a.
ZENO, of Elea, Greek philosopher, XVI. 811; XIII. 437, 1 b.
ZENO, Greek philosopher, XVI. 811; XI. 809, 2 b, c; XIII. 438, 2 b.
ZENO, emperor of the East, XVI. 811.
ZENO, Apostolo [dzá'-no], Italian poet, XVI. 812.
ZENO, Nicolò and Antonio, Italian navigators, XVI. 812.
ZENOBIA, Septimia, queen of Palmyra, XVI. 812; XIII. 28, 1 c. See **AURELIAN**, II. 119, 2 ab.
ZEOLITE, mineral, XVI. 813; XV. 39, 1 c.
ZEPHANIAH, Hebrew prophet, XVI. 813.
Zephyria: see **HALICARNASSUS**.
Zerah, of Scripture, VI. 749, 2 ab.
ZERAM: see **CERAM**.
ZERBST [tsáirpst], town of Germany, XVI. 813.
Zerda, African animal, VII. 131, 1 c.
Zereides, Moorish dynasty, I. 304, 1 c.

Zerhazy [záir'-há-ze]: see ESTERHÁZY.
Zeta, early name of Montenegro, XI. 780, 1 c.
 ZETLAND: see SHETLAND ISLANDS.
 ZETTERSTEDT, Johan Wilhelm, Swedish naturalist, XVI. 813.
 ZETTINE, or Zettinje: see CETTIGNE.
Zeugitana, ancient district, Africa, XVI. 81, 1 c.
 ZEUGLON, fossil animal, XVI. 813.
 ZEUS [zuee]: see JUPITER. Zeus Ammon, I. 426, 1 c. Zeus Canobus, III. 720, 1 ab.
Zé'us, genus of fishes, VI. 219, 1 a. *Z. faber* (ill.), *ib.*; *ocellatus*, 2 bc.
Zeus Panhellenius, temple of, I. 140, 2 c.
 ZEUX'IS, Greek painter, XVI. 814.
Zeuse'radæ (entomology), XI. 869, 2 ab.
 ZHTOMIE [zhe-tó'-mer], town of Russia, XVI. 814.
Zho, hybrid animal, X. 88, 2 b.
 ZHUKOFF'SKI, Vasili, Russian poet, XVI. 815.
Zhukovsky, I. 284, 1 a. See ZHUKOFFSKI.
Zhupan, Servian chief, XIV. 781, 2 b.
Ziani, Sebastiano [dze-á'-ne], doge of Venice, VI. 182, 2 ab. Marriage of the Adriatic instituted by him, 2 b; III. 876, 2 ab.
Zianides [ze-an'-idz], dynasty of Fez, I. 804, 1 c.
 ZIB'ETH: see CIVET, IV. 617, 2 b.
 ZIDON: see SIDON.
 ZIEM, Félix [zyá'á'], French painter, XVI. 815.
 ZIETHEN, Hans Ernst Karl, count [tsé'-ten], Prussian soldier, XVI. 815.
 ZIETHEN, Hans Joachim von, Prussian soldier, XVI. 815.
Zimmermann [tsim'-mer-mán], chemist, on coagulation of blood, II. 733, 2 c; on the presence of ammonia, 734, 1 a.
 ZIMMERMANN, Albert, German painter, XVI. 815.
 ZIMMERMANN, Clemens von, painter, XVI. 815.
 ZIMMERMANN, Johann Georg von, Swiss physician and author, XVI. 815.
 ZINC, metal, XVI. 816. Alloys of, 817, 1 b. Uses of, 1 c. Compounds, 2 bc; butter of, 818, 1 a. History, 2 bc. Metallurgy, 820, 1 b; manufacture of, 1 c; Hasenclever furnace, 821, 1 b (ill.); English method, 822, 1 b; Silesian and Belgian, 1 c; Belgian furnace, 823, 2 a (ill.); in the United States, 824, 1 bc. Zinc white, or oxide of zinc, 826, 1 a; formation of, XIV. 584, 2 bc. Chloride of, use as a disinfectant, VI. 184, 1 bc; in arresting dry rot in timber, *ib.*, and XIII. 825, 1 bc.
Zincio acetate, XVI. 818, 2 bc; chloride, 1 a; sulphate, 1 c.
Zincite, ore, XVI. 820, 1 bc.

ZINGARELLI, Nicolò, Italian composer, XVI. 826.
Zingian dialect (African), I. 171, 1 bc.
Zin'giber officina'le (botany), VII. 814, 1 c (ill.).
 ZINGIS KHAN: see GENGHIS KHAN.
Zinguebar: see ZANZIBAR.
 ZINNIA, genus of plants, XVI. 826. *Z. elegans*, 827, 1 a (ills.). Other species, 2 a.
 ZINZENDORF, Nikolaus Ludwig, count [tsin'-tsen-dorf], Moravian bishop, XVI. 827. Count Christian Renatus, 828, 1 bc.
 ZION, Mount, XVI. 828.
Zipa [sè'-pa], Muysca title, XII. 107, 2 ab.
 ZIPS [tsips], county of Hungary, XVI. 828.
Zircon, mineral, V. 533, 2 c. See ZIRCONIUM.
Zirconia, XVI. 829, 1 b (ZIRCONIUM).
 ZIRCONIUM, metal, XVI. 828.
 ZIS'KA, John, Hussite military leader, XVI. 829.
 ZITTAU [tsit'-tow], town of Saxony, XVI. 830.
 ZIU [tsé'-oo], Swabian god, XII. 120, 1 c.
Zizania aquatica (botany), XIV. 310, 1 b (ill.). *Z. miliacea*, 2 b.
Zizim [ze-zeem'], brother of Bajazet II., II. 101, 1 a; 227, 2 b.
Zizka: see ZISKA.
Zizyphus (botany), IX. 709, 1 b. *Z. vulgaris*, *ib.* (ill.); jujuba, 2 b; lotus, *ib.*; Baclei, *ib.*
Zlaam, class of Druses, VI. 274, 2 a.
 ZNAYM [tsnime], city of Moravia, XVI. 830.
Zoantho'ria, I. 74, 2 a (ACTINIA).
 ZOAR, village of Ohio, XVI. 830. Zoar society, 2 b; XV. 140, 2 b.
Zo'ar, village of Palestine, X. 645, 2 ab.
Zoar'ces (ichthyology), II. 710, 2 ab. *Z. viviparus* and *anguillaris*, 2 b.
 ZODIAC (astronomy), XVI. 830.
Zodiac of Denderah, VI. 7, 2 a; X. 373, 2 c. Of Esne, *ib.*; VI. 728, 1 a.
 ZODI'ACAL LIGHT, XVI. 831.
Zo'd'a, young crab, V. 449, 1 a. Zoëa stage, *ib.*
 ZOEGA, Georg [zo-á'-ga], Danish antiquary, XVI. 832.
Zohak, castle of, ruins, II. 262, 2 b.
Zohrad, Armenian Biblical scholar, I. 727, 1 c.
 ZO'ILUS, ancient critic, XVI. 833.
Zollern: see HOHENZOLLERN.
 ZOLLVEREIN [tsul'-fer-ine], German customs union, XVI. 833; VII. 748, 1 c, 754, 2 c, 755, 2 b, 758, 1 b, 759, 1 c.
 ZÓLYOM [zo'-lyom], county of Hungary, XVI. 833.
 ZOMBOR, city of Hungary, XVI. 833.
 ZONARAS, Joannes, Byzantine historian, XVI. 833.
 ZONE, geographical, XVI. 834.

Zonotrichia [zo-no-trik'-e-a], (ornithology), VII. 191, 2 b. *Z. graminea*, 2 bc; Lincolnii, 192, 1 a (ill.); leucophrys, XV. 229, 1 bc (ill.).

Zoögraphy [zo-og'-ra-fe], a description of animals, I. 510, 2 c.

ZOOLOGY, scientific study of the animal kingdom, XVI. 834; I. 510, 2 c.

ZOOLOOS, South African nation, XVI. 834 (ill., III. 546); XII. 156, 1 c.

Zoönomý, comparative physiology, I. 510, 2 c.

Zoöph'ya helianthoi'dea, I. 74, 2 a (ACTINIA).

ZO'ÖPHYTES (zoölogy), XVI. 834; I. 510, 1 b; V. 339, 2 a; XIII. 689, 1 c.

Zoöspore, spore of algae, I. 300, 1 c.

Zoöthome, V. 339, 2 a (CORAL).

Zoötomy, comparative anatomy, I. 510, 2 c.

Zorndorf [tsorn'-dorf], (village near Küstrin), battle of, VII. 457, 1 b.

ZOROASTER [zo-ro-as'-ter], founder of the ancient Persian religion, XVI. 834; IX. 846, 1 c, 2 a. Modern followers of: see GUEBRES, and PARSEES. Zoroastrian literature: see ZEND-ÁVESTA.

ZORILLA Y MORAL, José [thore-ré'-lyá e mo-rál'], Spanish poet, XVI. 835.

ZOSIMUS, Greek historian, XVI. 835.

Zos'tera (botany), XVI. 733, 1 b. *Z. nana*, 1 c; *marina*, 1 a (ill.), III. 733, 1 bc; *vallisneria*, *ib.*

ZOUAVES [zwávz], in the French army, XVI. 835. In the United States army, 2 bc.

Zozo'ro, plant, X. 810, 1 b.

ZRINYI, Miklós, count [zrin'-ye], Hungarian soldier, XVI. 835.

ZSCHOKKE, Johann Heinrich Daniel [tahük'-kêh], German author, XVI. 836.

ZUCCARELLI, Francesco [dzook-ka-rel'-le], Italian painter, XVI. 836.

ZUCCARO, Taddeo [dzook-ká'-ro], Italian painter, XVI. 836. Federigo, painter, 2 c.

ZUG [tsoog or tsoo'h], Swiss canton, XVI. 837. Lake of, 1 b. Capital, 1 c. Derivation of the name, XV. 529, 1 b.

ZUIDER ZEE: see ZUYDER ZEE.

ZUINGLIUS: see ZWINGLI.

Zulu dialect [zoo-loo'], I. 171, 1 c. See ZOOLOOS.

ZUMBUSCH, Kaspar [tsoom'-boosh], German sculptor, XVI. 837.

ZUMPT, Karl Gottlob [tsoompt], German scholar, XVI. 837. August Wilhelm, 2 ab.

ZUÑIGA: see ERCILLA Y ZUÑIGA.

Zunu breed of sheep [zoo-noo'], XIV. 837, 2 b.

ZUNZ, Leopold [tsoonts], German Hebraist, XVI. 837.

ZURBARAN, Francisco [thoor-bá-rán'], Spanish painter, XVI. 837.

ZÜRICH [zu'-rik; Ger. tst'-ri'h], Swiss canton, XVI. 838. Capital city, 1 c. Derivation of the name, XV. 529, 1 b.

ZÜRICH, Lake of, XVI. 838.

ZURITA, Gerónimo [thoo'-re-ta], Spanish historian, XVI. 838; XV. 221, 1 c.

ZUT'PHEN, city of the Netherlands, XVI. 839. Battle of, 1 b.

Zutugil nation [thoo-too-'heel'], referred to, XIV. 149, 2 bc.

ZUYDER ZEE [zoi'-der zē], bay or gulf of Holland, XVI. 839.

Zuzima, VIII. 816, 2 b (HORITES).

ZWEIBRÜCKEN [tswi'-brük-ken], city of Bavaria, XVI. 839. County, 2 c; duchy, *ib.*

ZWICKAU [tawik'-kow], city of Saxony, XVI. 840.

ZWINGLI, Ulric or Huldreich [tswin'-glē], Swiss reformer and patriot, XVI. 840. His view of the sacrament, X. 639, 1 b.

ZWIENER, Ernst Friedrich [tsweer'-ner], German architect, XVI. 843.

ZWOLLE [zwól'-lêh], city of the Netherlands, XVI. 843.

Zygæ'na (ichthyology), XIV. 830, 1 b. *Z. malleus*, *ib.* (ill.).

Zygæ'nids (ichthyology), XIV. 830, 1 a.

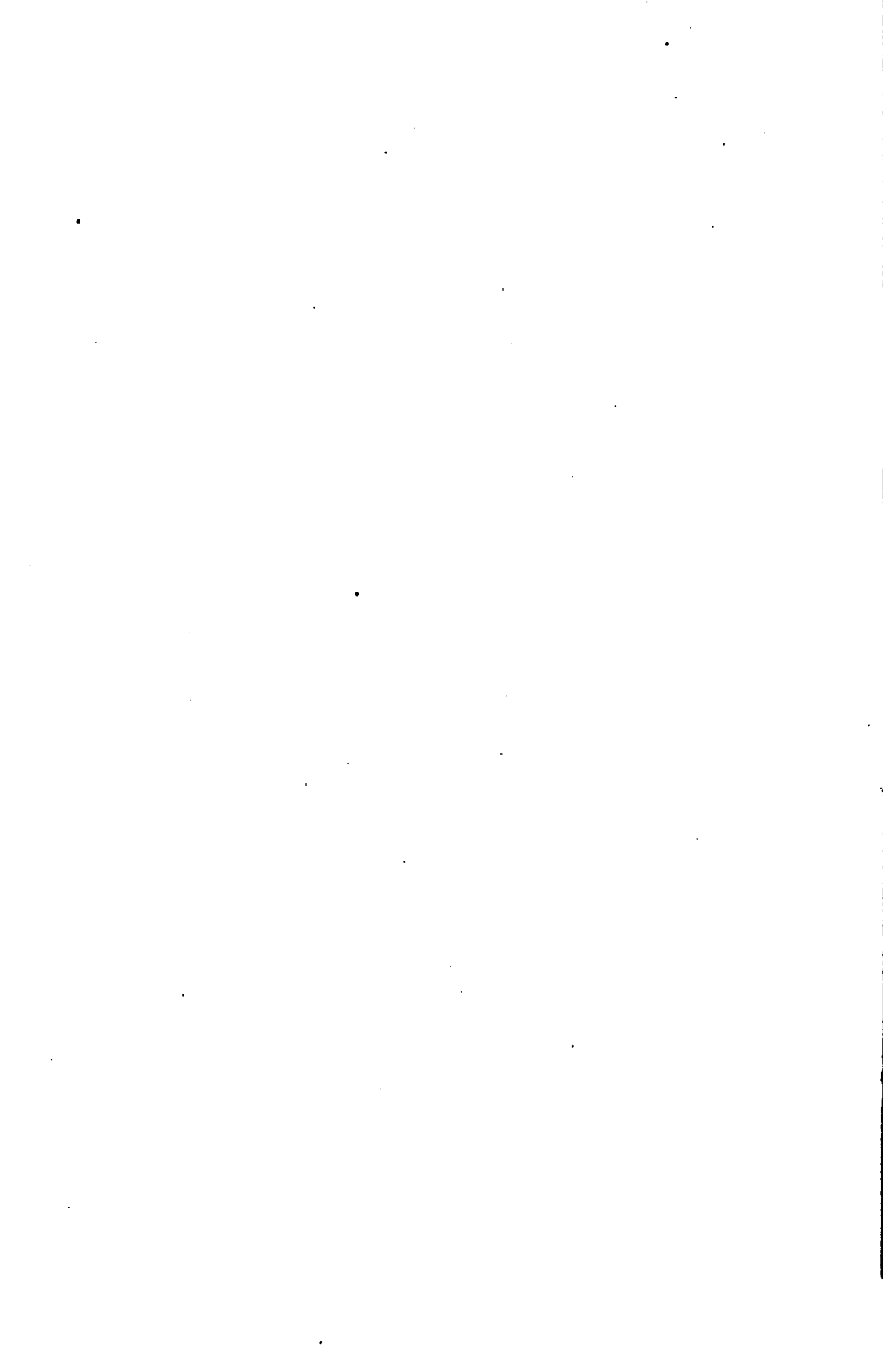
Zygapoph'ysis (anatomy), XIII. 424, 2 c (ill.).

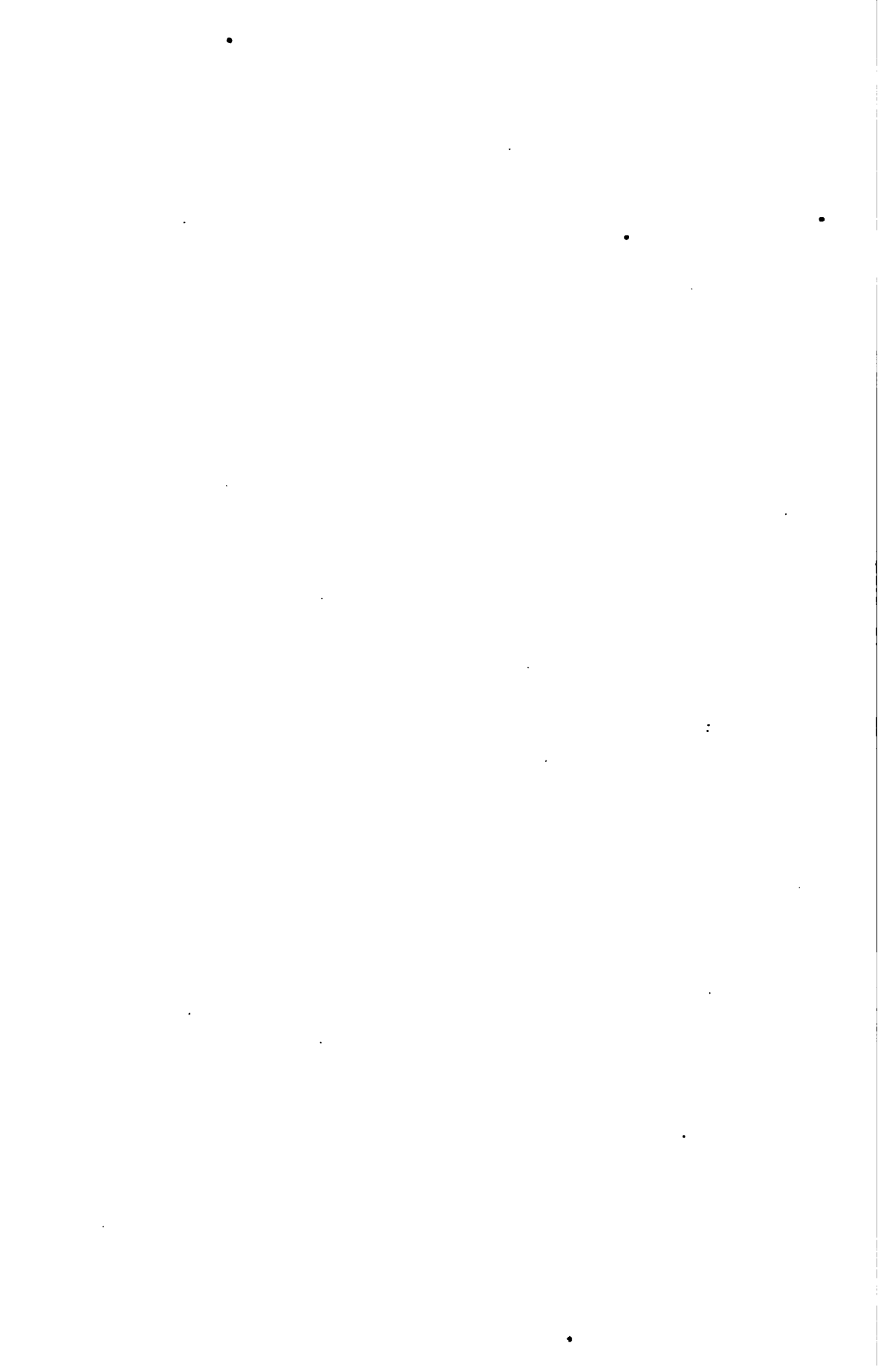
Zygné'ma (botany), XIII. 574, 1 b (ill.).

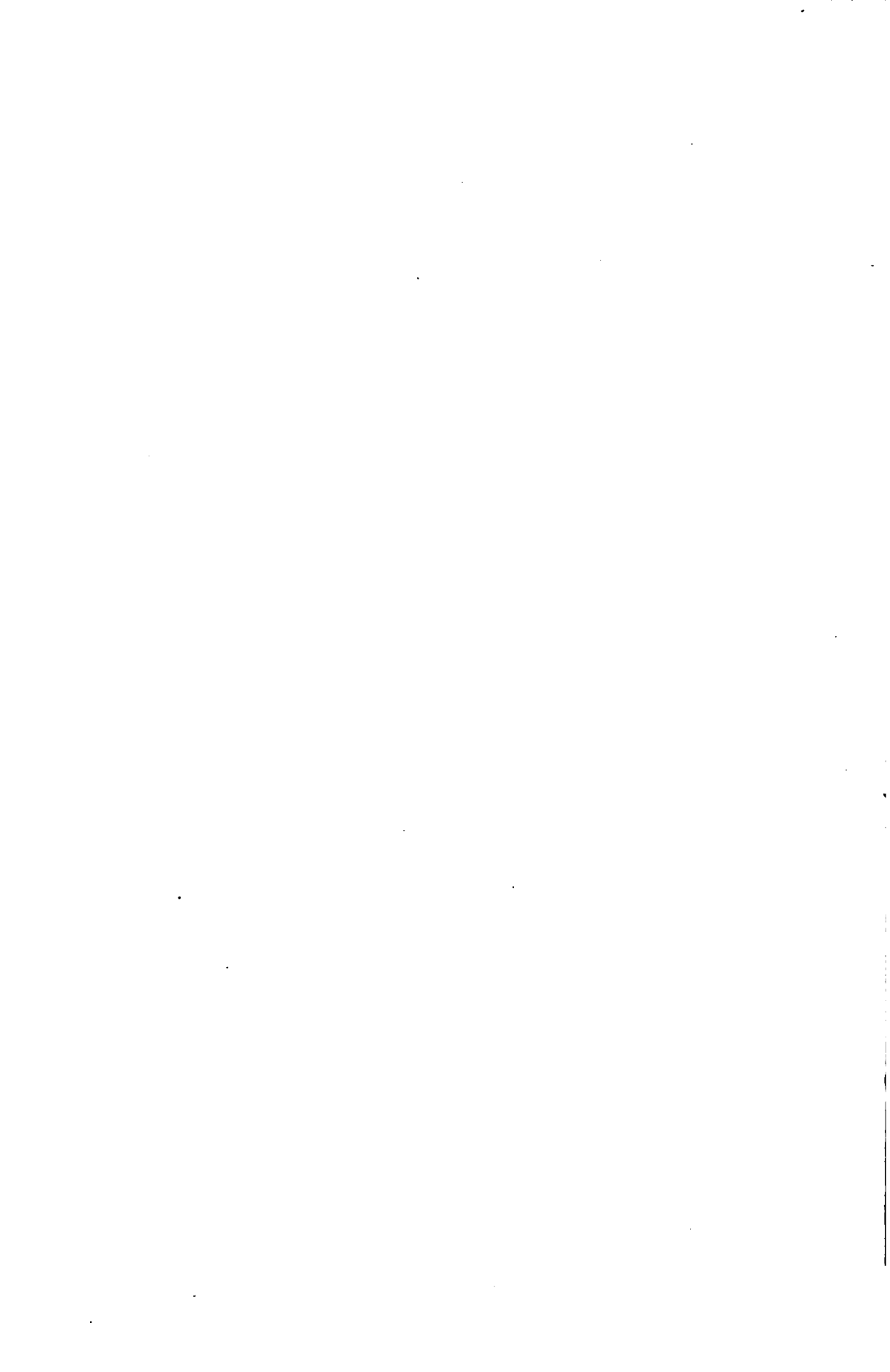
Zygod'atis (ichthyology), XIV. 223, 1 c.

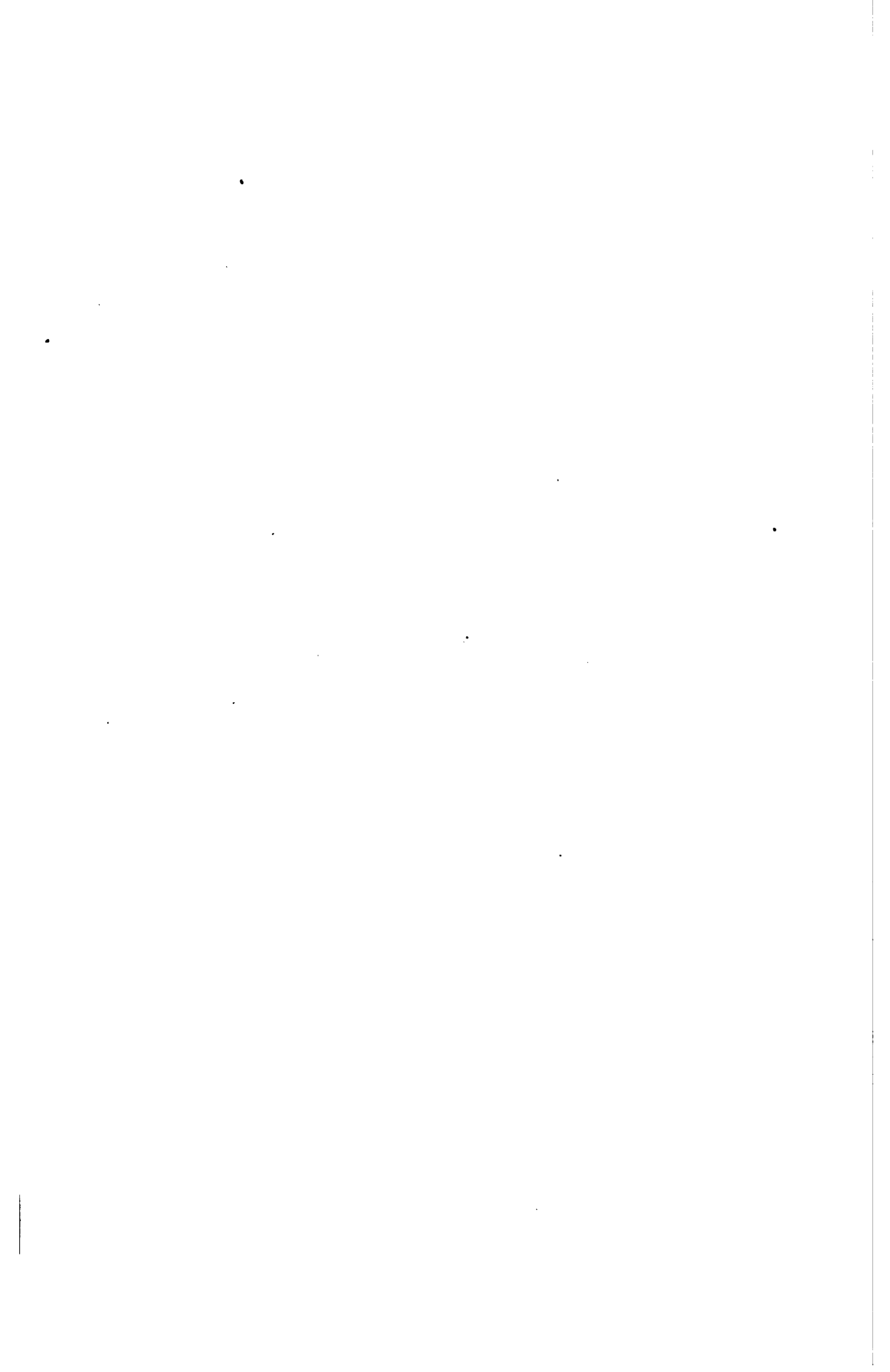
ZYMO'SIS, in pathology, XVI. 843.

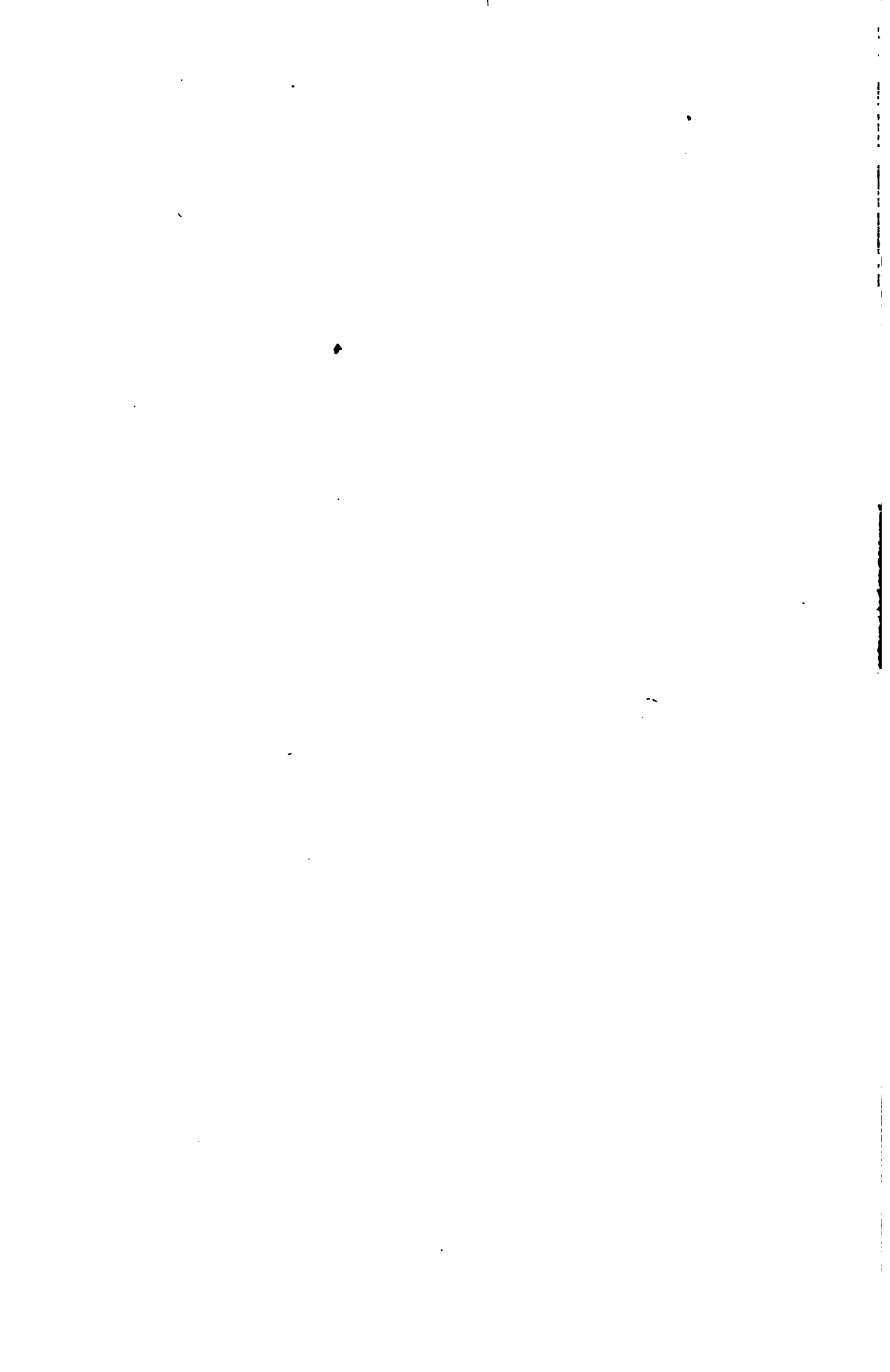
Zymot'ic diseases, VII. 165, 2 c; XV. 152, 1 c. See ZYMO'SIS.

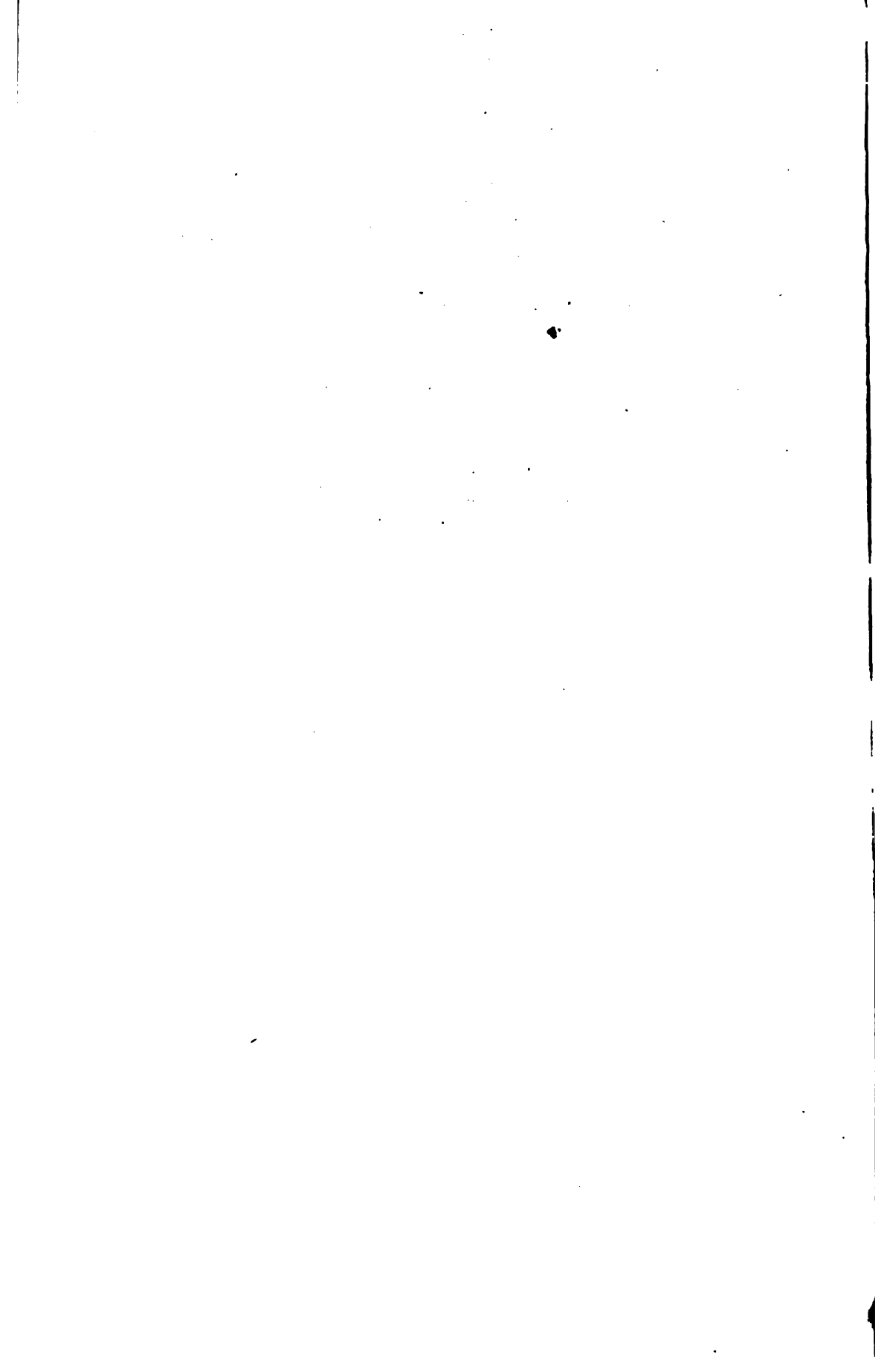


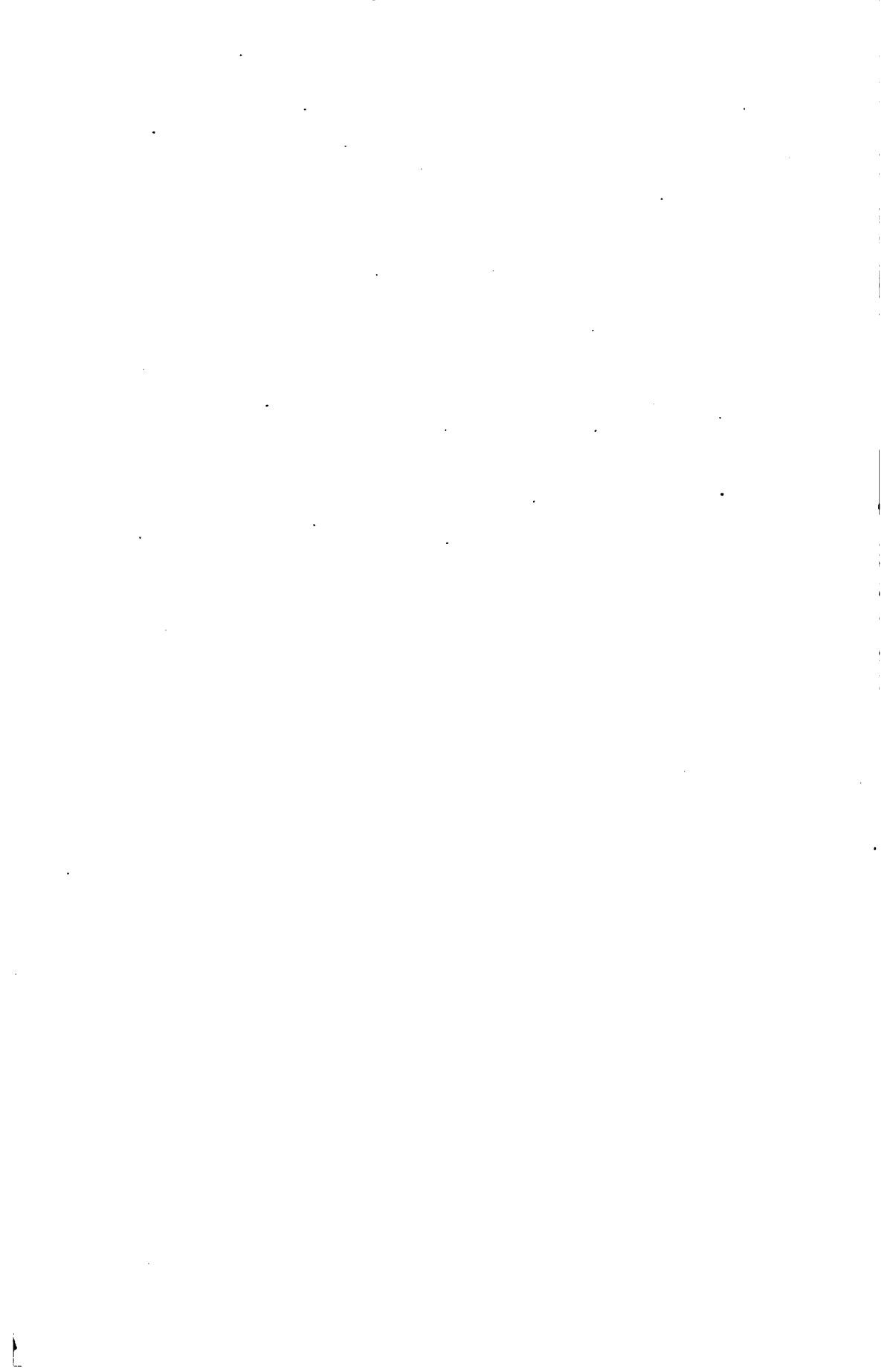








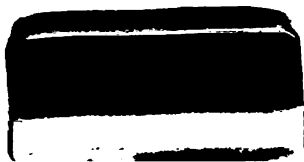




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