

FRENCH-ENGLISH SCIENCE DICTIONARY

For Students in Agricultural, Biological,
and Physical Sciences

*With a Revised Supplement of Terms in
Aeronautics, Electronics, Radar, Radio, Television,
Atomic Energy, Nuclear Science and Technology,
and a New Guide for Translators*

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THIRD EDITION

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FRENCH-ENGLISH SCIENCE DICTIONARY

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INTRODUCTION TO THE THIRD EDITION

This dictionary has again been revised to include more than 5,000 new terms and newly recognized translations of terms that have become important in scientific literature since the Second Edition was published. These new entries have been incorporated in the Supplement which follows the main body of the dictionary. The new terms will, it is hoped, make the book much more useful to students and others who read or translate material published in French since 1951, of which there has been an increasing volume in all fields of science.

In addition to the revised Supplement, there has been added a Grammatical Guide for Translators at the back of the dictionary. The Guide, which covers a number of grammatical principles and matters of syntax frequent in scientific French prose, should be helpful to all users of the dictionary, and particularly to students who are preparing for certification examinations in reading scientific French. The Guide cannot of course be an adequate substitute for a textbook, but it provides a convenient reference and set of reminders about a number of "tricks of the trade" to aid in recognizing certain constructions and idioms that can give trouble to the inexperienced reader of French; it has been prepared with special reference to scientific facts, methods, and ideas.

The author wishes once more to express his gratitude to the many colleagues at Iowa State University, elsewhere in this country, and also abroad, whose advice and suggestions have meant so much to him in the preparation of a useful dictionary.

LOUIS DE VRIES

AMES, IOWA
September, 1962

INTRODUCTION TO THE FIRST EDITION

The reception of the German-English Science Dictionary was so encouraging as to warrant the completion of this volume, planned and started years ago, to assist candidates for advanced degrees in acquiring a reading knowledge of the language.

Research within the various departments of science has gradually developed during these years into complicated interdepartmental problems. No entomological vocabulary, for example, can today dissociate itself from the many aspects of biology in general; even the physical sciences are embraced. Terms must be included covering not only entomology and the sciences into which it enters, such as embryology, cytology, physiology, morphology, genetics, ecology, but also chemistry, physics, botany, and medicine, all of which enter into modern treatises on insects.

Since the French irregular verb is always of some concern to the average graduate student in the sciences, the author has given many forms of the present, past, and future tenses as well as the past participles with at least one meaning and the infinitive form in parentheses in case other meanings are desired. In addition to this, some five hundred common idioms have also been added, most of them based on verb forms. These idioms will facilitate the translation problems of a student who is not majoring in French.

This dictionary of 43,000 entries is, like the German, the first of its kind including terms of the agricultural, biological, and physical sciences, as well as many literary terms. Not all names of animals, insects, plants, or chemical compounds have been included, since each subject would make up a dictionary of its own.

Many words have been included even though the French and the English spellings are the same or practically so. If these words were not included, the average science student would easily give up, whereas now he will take the meaning, even though spelled like the French, and refer to Webster's Unabridged or the New Standard Dictionary for further definitions. The author uses both dictionaries constantly.

This dictionary in its compact size cannot claim completeness. The author would be grateful if its users would send him any useful suggestions with regard either to significant words that have been omitted or to incorrect meanings and equivalents.

This volume could not have become a reality without the inspiration from Dean R. E. Buchanan of Iowa State College and the constant aid of his graduate faculty, including the assistance of Dr. Charles H. Brown and Professor Robert W. Orr of the College Library.

Grateful acknowledgment is also made of the valuable support and sympathetic encouragement by President Charles E. Friley and Dr. Harold V. Gaskill, Dean of Science.

LOUIS DE VRIES

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August, 1940

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FRENCH-ENGLISH SCIENCE DICTIONARY

A

a (avoir), has; *il y a*, there is, there are.
à, to, at, with, in, on, of, by, for, from, after, about; *à la . . .*, in the style; *un livre à moi*, a book of mine; *c'est à vous*, it is your turn.

abaca, *m.* Manila hemp.

abaction, *f.* abortion.

abaissé, depressed, flattened.

abaissement, *m.* lowering, falling, depression, dropping, dip, reduction, subsidence, abatement, diminution, abasement, debasement.

abaisser, to lower, pull down, drop, let fall, reduce (an equation), abate, diminish, depress, humble, abase; *s'*—, to become lower, fall (away), subside, demean, humble or abase oneself, sink, stoop; — *une perpendiculaire*, to draw a perpendicular.

abaisseur, *m.* depressor (muscle).

abajou, *f.* cheek pouch, gill.

abandon, *m.* surrender, abandonment, relinquishment, unreserve, abandon; *à l'*—, neglected, at random, adrift, derelict.

abandonnement, *m.* abandonment.

abandonner, to forsake, leave, let go of, renounce, abandon, give up, throw over, surrender; *s'*— *à*, to give way to.

abaque, *m.* chart, graph, table.

abas, *m.* blight (of wheat).

abasourdir, to deafen, daze, astound, dumbfound.

abasourdissant, *-e*, deafening, stunning, astounding.

abat (*abattre*), (he) slaughters, knocks down.

abat, *m.* downpour, killing, slaughtering, slaughtered animal.

abâtardir, to render degenerate, debase, deteriorate.

abâtardissement, *m.* degeneracy.

abat-foin, *m.* hay trap, hay shoot.

abat-jour, *m.* lamp shade, shade, skylight, slanting shutter, awning.

abats, *m.pl.* offal, giblets.

abattage, *m.* killing, slaughtering, demolition, felling, cutting, throwing down, lowering, casting; — *à la ferme*, slaughter at the farm; — *à la mine*, blasting; *faire l'*—, to overturn, cant (up), turn up.

abattement, *m.* prostration, dejection, low spirits, perpendicular depth.

abattis, *abatis*, *m.* fellings, killing, slaughter, offal (of animals), giblets, things pulled down; — *d'arbres*, felled trees.

abattoir, *m.* slaughter-house.

abattre, to knock or beat down, throw down, fell, hew, cast, cut down, pull down, demolish, slaughter, kill, bring down, depress, humble, dishearten, lop off, cut away, round (angle), reduce (surface); *s'*—, to fall, crash down, abate, subside, become discouraged, despond; — *à la scie*, to fell with the saw; — *à la hache*, to fell with the ax.

abatture, *f.* beating down, trace (of a stag).

abat-vent, *m.* penthouse, shed, windboard, (window) shutter.

abbé, *m.* abbé, abbot, priest.

abcédation, *f.* formation of an abscess.

abcéder, to suppurate.

abcès, *m.* abscess.

abcisse, *f.* abscissa.

abdiquer, to resign, give up, renounce, surrender, abdicate.

abdomen, *m.* abdomen, paunch.

abducteur, abducent, leading away, abductor; **muscle** —, abductor (abducent) muscle; **tube** —, delivery (exit) tube or pipe.

abécédaire, *m.* primer.

abécédaire, alphabetical.

abecquement, *m.* feeding (of young birds).

abeille, *f.* bee, honey bee; — **mâle**, drone; — **mère**, queen (mother) bee; — **ouvrière**, worker.

aberrant, aberrant.

aberration, *f.* aberration; — **moyenne**, constant of aberration.

aberrer, to wander from the point.

abêtir, to render (become) stupid.

abhorrer, to abhor, loathe, detest.

abiétés, *f. pl.* abietae (Abietineae).

abiétin, referring to fir trees.

abiétine, *f.* abietene.

abiétinée, *f.* fir, conifer.

abiétique, abietic (acid).

abîme, *m.* abyss, chasm, depth, gulf, tallow vat.

abîmer, to engulf, destroy, injure, spoil, overwhelm; *s'*—, to spoil, be engulfed, swallowed up.

abiogénèse, *f.* abiogenesis.

abiose, *f.* abiosis.

abiotique, abiotic, characterized by the absence of life.

ablaction, *f.* weaning.

ablation, *f.* excision, removal, denudation.

ablativo, promiscuously, in confusion.

ablepsie, *f.* blindness.

ablette, *f.* bleak, ablet.

abluant, abluent, detergent.

abluer, to wash (off), clean.

ablution, *f.* ablution, washing.

abnormalité, *f.* abnormality.

aboî, *m.* bark, barking, bay; **aux** —s, at bay, hard-pressed.

abolir, to abolish, repeal, suppress, annul.

abolissement, *m.* abolition.

abolition, *f.* abolishment, repeal, annulment, suspension, abolition.

abominable, detestable.

abomination, *f.* abhorrence.

abondamment, abundantly, plentifully, copiously.

abondance, *f.* abundance, plenty; *d'*—, off-hand, extemporaneously.

abondant, abundant, copious, plentiful, high, ample; *peu* —, scanty.

abonder, to abound, be plentiful, be full.

abonné, *m.* subscriber.

abonnement, *m.* subscription, season ticket, contract.

abonner(s'), to subscribe.

abonnir, to improve; *s'*—, to become better.

aboquage, *m.* cramming, forcible feeding.

abord, *m.* access, approach, landing, sight, arrival; à l'—, at first sight; au premier —, at first glance; *d'*—, (at) first; *d'*— *que*, as soon as; dès l'—, from the first; tout *d'*—, at once, to begin with, first of all.

abordable, approachable, accessible.

abordage, *m.* boarding.

aborder, to accost, approach, deal with (a question) take up, enter on, attack, come near, board, land.

aborigène, aboriginal, native, indigenous.

abornement, *m.* demarcation, boundary settlement.

abornier, to mark out (field), demarcate, limit.

abortien, abortient, becoming abortive.

abortif, -ive, abortive.

abot, *m.* fetter, hobble, clog.

abouchement, *m.* interview, conference, anastomosis, joining, insertion, welding, opening of one vessel into another.

aboucher, to join by insertion, bring together; *s'*—, to join, come together, inosculate, confer.

about, *m.* butt(-end), bedplate, butt-joint graft; — *de jante*, rim joint; — *de traverse*, butt end of sleeper.

abouté, placed end to end.

abouter, to join end to end.

aboutir, to end in, result in, converge on, lead to, terminate in, succeed, abut, come to a head, burst, bud, come out, join.

aboutissant, bordering upon, abutting.

aboutissants, *m. pl.* borders, circumstances.

aboutissement, *m.* effect, outcome, result, suppuration, abutment.

aboyer, to bark, bay.

abrasif, *m.* abrasive.

abrasin, *m.* Chinese wood; **huile d'**—, Chinese wood oil, tung oil.

abre, *m.* see **ABRUS**.

abréaction, *f.* catharsis.

abréagir, to vent off.
 abrégé, *m.* outline, summary, abstract.
 abrégé, abridged, short.
 abréger, to shorten, abridge, abbreviate, cut short; *s'*—, to grow or become short, shorten.
 abreuvage, abreuvement, *m.* watering, soaking, priming.
 abreuver, to water, soak, irrigate, saturate, prime, size, steep lye.
 abreuvoir, *m.* rotten hollow, watering place, drinking(-trough) fountain, horsepond.
 abréviation, *f.* shortening, abbreviation, contraction.
 abri, *m.* shelter, (crown) cover, screen, refuge, protection, leaf canopy; à l'— de, protected from, under cover, secure from, sheltered from, away from; mettre, placer à l'—, to shelter, protect.
 abricot, *m.* apricot.
 abricotier, *m.* apricot tree (*Prunus armeniaca*).
 abrine, *f.* abrin.
 abrité, sheltered.
 abriter, to shelter, give cover, shield, protect, shade, screen; *s'*—, to take shelter.
 abrivent, *m.* mat, matting.
 abroger, to abrogate, annul, repeal.
 abrouiti, browsed.
 abrouir, to browse.
 abrouissement, *m.* browsing (by game).
 abrupt, rugged, abrupt, steep (upward), bluff(y) (downward), precipitous.
 abrus, *m.* Indian licorice (*Abrus precatorius*).
 abrutir, to brutalize.
 abscisse, *f.* abscissa.
 abscission, *f.* excision, ablation.
 absence, *f.* absence.
 absent, absent, missing.
 absenter(*s'*), to absent oneself, stay away.
 absinthe, *f.* wormwood (*Artemisia absinthium*), absinthe; — pontique, Roman wormwood (*Artemisia pontica*).
 absinther, to mix with absinthe.
 absolu, absolute, unconditioned, peremptory, positive.
 absolument, absolutely, unconditionally, positively.
 absolvant, (absoudre), absolving.
 absorbant, absorbent, absorbing, absorptive.

absorber, to absorb, take up, suck up; *s'*—, to become absorbed.
 absorbeur, *m.* absorber.
 absorption, *f.* absorption.
 absorptivité, *f.* absorptivity, absorptiveness.
 absoudre, to acquit, absolve, forgive.
 absous (absoudre), absolved.
 abstenir(*s'*), to abstain, refrain (from), forego.
 absterger, to absterge, clean.
 abstersif, -ive, abstergent, abstersive.
 abstient (abstenir), (he) abstains.
 abstratif, -ive, removed by distillation.
 abstraction, *f.* abstraction; faire — de, to take away, exclude, disregard.
 abstraire, to abstract, separate, detach.
 abstrait, abstracted, absorbed, abstruse, separated.
 abstraitement, abstractedly.
 abstrich, *m.* the impure oxide (scum on molten lead).
 abstrus, abstruse.
 absurde, absurd, irrational, preposterous.
 absurdement, absurdly, nonsensically.
 absurdité, *f.* absurdity, nonsense.
 abus, *m.* abuse, misuse, overindulgence, error, mistake.
 abuser, to misuse, abuse, make ill use of, deceive, delude; *s'*—, to be mistaken, mistake.
 abusif, -ive, improper, excessive.
 abuter, abutter, to abut.
 abyssal, -aux, abysmal, abyssal.
 abzug, *m.* first scum, cupellation of lead.
 ac., *abbr.* (acide), acid.
 acabit, *m.* nature, stamp, quality.
 acacia, *m.* — vrai, acacia; — aquatique, swamp locust, water locust; — vulgaire, locust tree (*Robinia pseudacacia*).
 académie, *f.* academy (of learned men), university.
 académique, academic, of the Academy.
 acajou, *m.* mahogany tree (*Swietenia mahagoni*), cashew (*Anacardium occidentale*); — à pommes, cashew, acajou (*Anacardium occidentale*); — moiré, mottled mahogany; — moucheté, spotted mahogany; — veiné, veined mahogany; noir d'—, cashew nut.
 acalculé, acalycinous, without a calyx.
 acanthé, *f.* Acanthus; — sauvage, Scotch thistle.

acanthocarpe, *acanthocarpous*, having spiny fruit.

acanthoïde, *acanthoid*, spiny.

acare, *m. acarien*, mite.

acariose, *f. acariasis*, *acarinosis*, infestation with mites.

acarocécidie, *f. gall* (nut).

acarophile, *acarophilous*, harboring mites.

acarpe, *acarpous*, sterile.

acarpotrope, *acarpotropic*, not throwing off its fruit.

acaude, *acaudate*, tailless.

acaule, *acaulous*, stemless, stalkless.

acaulescent, *acaulescent*, becoming stemless.

accablant, overwhelming, oppressive, crushing.

accablement, *m. pressure*, dejection, prostration.

accabler, to overpower, overwhelm, crush, load, bear down.

accalmie, *f. lull*.

accaparement, *m. monopolizing*, cornering.

accaparer, to corner, hoard, monopolize.

accéder, to accede, agree, reach, arrive, enter.

accélérateur, *m. accelerator*.

accélérateur, *-trice*, accelerative, accelerating.

accélération, *f. acceleration*, quickening; — dans la chute libre, acceleration due to gravity; — de la vitesse de la charge, load acceleration; — de la vitesse de levage, acceleration of lift.

accéléré, accelerated, quick, high-speed.

accélérer, to accelerate, quicken, hasten.

accentuer, to stress, accentuate, accent, emphasize; *s'—*, to stand out, be conspicuous, be accentuated, set off or emphasized.

acceptable, acceptable, reasonable.

acceptation, *f. acceptance*; — à découvert, blank acceptance.

accepter, to accept, agree, receive, honor.

accepteur, *m. acceptor*, acceptant.

acception, *f. favoring*, regard, respect, preference, acceptance, meaning, sense.

accès, *m. access*, approach, outburst, entrance, admittance.

accessoire, *m. accessory*, fitting, attachment, additional.

accessoire, secondary; produit —. by-product.

accident, *m. accident*, symptom, unevenness, chance, irregularity, mishap; —s de terrain, undulations of the ground; par —, by accident, accidentally; sans —, safely.

accidenté, uneven, rough, hilly, broken.

accidentel, *-eile*, accidental, casual, adventitious, occasional.

accidenter, to break into ridges, make uneven.

accise, *f. excise*, accise.

acclamation, *f. acclamation*.

acclamer, to acclaim, applaud.

acclimatation, *m. acclimatization*, acclimation, acclimatement.

acclimater, to acclimatize.

accoirgon, *m. jack rafter*.

accolade, *f. brace*, embrace.

accolage, *m. training*, uniting.

accolé, coupled, bracketed, united, conjugated, joined together, stuck.

accolement, *m. joining*, uniting, union, bracketing, brace, embrace.

accoler, to join side by side, place against each other, prop or tie up; *s'—*, to intertwine, cling to, prop, tie up, join.

accolure, *f. band* (of straw), osier twig.

accumbant, *accumbent*.

accommodant, good-natured, accommodating.

accommodation, *f. adjustment*.

accommodement, *m. compromise*, arrangement.

accommoder, to suit, fit, serve, adapt, accommodate, arrange; *s'—*, to be adjusted, adapt oneself, agree, suit, put up (with), get on with; *s'— de*, to accept readily, get along with; *il s'accommoder facilement*, he is easily satisfied.

accompagnement, *m. accompaniment*, appendage.

accompagner, to accompany, go or come with, suit, follow.

accompli, accomplished, thorough, complete, perfect.

accomplices, *f.pl. bacteria* of a secondary infection.

accomplir, to accomplish, achieve, effect, finish, complete, fulfil; *s'—*, to be accomplished, be fulfilled, be done.

accomplissement, *m. accomplishment*, completion, performance, execution.

accord, *m. agreement*, settlement, chord, pitch, concordance; *d'—*, agreed, in ac-

cordance with, in union; être d'—, to agree, be agreed.

accordailles, *f. pl.* espousals, betrothals.

accordé, approved.

accorder, to reconcile, grant, concede, bestow, harmonize, give, admit; s'—, to agree, be in accord with, be suited, go with, correspond.

accoter, to lean against.

accotoir, *m.* prop, armrest.

accouchée, *f.* the delivered one.

accouchement, *m.* confinement, childbirth, delivery, dropping (of young).

accoucheur, *m.* obstetrician.

accoucheuse, *f.* midwife.

accouder, *m.* window sill, elbowboard.

accouplé, coupled.

accouplement, *m.* pairing, mating, coupling, joining, coitus, linking, connecting, clutch; — à bague et clavette, annular wedge coupling; — à friction, friction coupling; — à griffes, claw or dog coupling; — d'aiguille, coupling of the tongues; — des arbres, shaft coupling; — par manchon, muff coupling.

accoupler, to couple, mate, pair, join, connect.

accourcir, to shorten, abridge.

accourir, to run hither, flock, rush, run to, hasten.

accoutumé, accustomed, used to, usual.

accoutumance, *f.* habituation, habit, wontedness.

accoutumer, to accustom, inure, familiarize, be wont.

accouage, *m.* artificial incubation.

accouer, to set (hen), brood.

accréditer, to open a credit.

accréditif, *m.* letter of credit, (*pl.*) credentials.

accrescent, accrescent, increasing in size with age.

accroissement du lit de fleuve, *m.* erosion or deepening of river bed.

accrochant, hooked (fruits, etc.).

accrocher, to hook, catch, hang up, delay, hang upon, hook to; s'—, to fasten to, cling, catch, stick to, hang on; il s'accroche, it gets caught.

accroissement, *m.* growth, increase, increment, accretion; à — mince, fine-zoned; — annuel, current annual increment (*abbr.* c.a.i.); — en diamètre, diameter

accretion; — dû à l'état, girth increment; — dû à l'état clair, open stand increment.

accroître, to increase, enlarge, augment, inflate, extend, grow, rise.

accru, *m.* sucker, shoot.

accrue, *f.* accretion (of land), alluvial deposit.

accueil, *m.* reception, welcome.

accueillir, to receive, greet, welcome, meet, honor, entertain, accept.

accul, *m.* blind alley, lair, burrow, corner.

acculer, to bring (animal) to bay, corner.

accumulateur, *m.* accumulator, storage battery, storage cell, hoarder.

accumuler(s'), to accumulate, amass, store up.

accusateur, -trice, *m. f.* accuser.

accusé, *m.* acknowledgment, accused, prisoner, defendant; — de réception, acknowledgment, receipt.

accusé, marked, indicated, pronounced, prominent, conspicuous.

accuser, to accuse (of), charge, define, show, indicate, blame; acknowledge.

acénaphthène, *m.* acenaphthene.

acéphale, headless, acephalous.

acéracées, *f. pl.* aceraceae (Aceraceae).

acérage, *m.* steeling.

acérain, steely (iron).

acéras, *m.* green man-orchis.

acerbe, sharp, harsh, acrid, tart, sour (taste).

acerbité, *f.* tartness, sourness, sharpness, harshness.

acérdèse, *f.* manganite.

acère, hornless, without antennae.

acéré, steeled, steely, sharp-edged, keen (blade), needle-shaped.

acérer, to point, steel, give a keen edge to.

acéreux, -euse acerose, acerous, acicular, needle-shaped.

acescence, *f.* acescencia.

acétabule, *m.* acetabulum.

acétabuliforme, saucer-shaped.

acétal, *m.* acetal.

acétamide, *f.* acetamide.

acétanilide, *f.* acetanilide.

acétate, *m.* acetate; — d'alumine, aluminium acetate; — d'ammoniaque, ammonium acetate; — de chaux, calcium acetate. — de cuivre brut, crude basic copper

acetate, verdigris; — **de plomb**, lead acetate, sugar of lead; — (**sous**-) **de plomb liquide**, solution of lead subacetate.

acéteux, -euse, acetous, acetic, sour.

acétification, *f.* acetification, acetifying.

acétifier, to acetify.

acétimétrie, *f.* acetimetry.

acétique, acetic, acetous; **acide** — **concentré**, concentrated (glacial) acetic acid; **acide** — **cristallisable**, glacial acetic acid; **acide** — **trichlore**, tri-chloroacetic acid.

acétocellulose, *f.* cellulose acetate.

acétol, *m.* acetol.

acétole, *m.* acetic medication.

acétomel, *m.* oxymel.

acétomellé, mixed with oxymel.

acétométrie, *f.* acetometry.

acétone, *f.* acetone.

acétonémie, **acétionémie**, *f.* acetonemia.

acétonique, acetonic, of or containing acetone.

acétonitrile, *m.* acetonitrile.

acétonurie, *f.* acetonuria.

acétophénone, *f.* acetophenone.

acétoselle, *f.* wood sorrel (*Oxalis acetosella*).

acétosité, *f.* acetosity, acetous quality.

acétoxime, *m.* acetoxime.

acét-phénétidine, *f.* phenacetin, acetphenetidin.

acetum fermentatif, *m.* fermentative vinegar or acetum.

acétylacétate, *m.* acetoacetate, acetylacetate.

acétylacétique, acetoacetic, acetylacetic.

acétylacétone, *f.* acetylacetone, 2,4-pentanedione.

acétylant, acetylating.

acétyle, *m.* acetyl.

acétylène, *m.* acetylene.

acétylénique, pertaining to acetylene, acetylenic.

acétyler, to acetylate.

acétylure, *m.* acetylure.

achaine, *m.* see **AKÈNE**.

acharné, strenuous, desperate, fierce, bitter.

acharnement, *m.* relentlessness, obstinacy, desperation, desperate eagerness, stubbornness.

acharner, to flesh, excite, infuriate; **s'**—, to be infuriated, persist in, slave at, apply oneself, strive, be set upon, bent upon.

achat, *m.* purchase, buying.

ache, *f.* smallage, water parsley, wild celery; — **d'eau**, water parsley; — **de montagne**, skirret (*Sium sisarum*); — **des chiens**, fool's-parsley (*Aethusa cynapium*); — **des marais**, smallage, wild celery.

acheminé, forwarded, sent off.

acheminement, *m.* step, preliminary measure, advance(ment).

acheminer, to direct, dispatch, send, forward; **s'**—, to proceed, progress, set out.

achéronia, *f.* death's-head moth.

acheter, to buy, purchase, bribe.

acheteur, -euse, *m. & f.* purchaser, buyer, customer, consumer.

achevage, *m.* completion, finishing.

achevé, accomplished, perfect, finished.

achèvement, *m.* completion, finishing, conclusion.

achever, to end, conclude, finish, complete, dispatch; **s'**—, to end, reach completion.

acheveur, *m.* finisher.

achevoir, *m.* finishing tool or shop.

achillée, *f.* milfoil, nosebleed, yarrow (*Achillea millefolium*); — **sternutatoire**, sneezewort, goosetongue (*Achillea ptarmica*).

achit, *m.* wild vine.

achlamydé, achlamydeous, destitute of perianth.

achlorophyllose, *f.* decomposition of chlorophyll.

acholie, *f.* acholia, absence of bile.

achoppement, *m.* obstacle, stumbling.

achopper, to stumble, kick, fail.

achorion, *f.* achorion.

achroie, *f.* lesser wax moth.

achromatine, *f.* achromatin.

achromatique, achromatic, free from color.

achromatiser, to achromatize.

achromatopsie, *f.* color blindness.

achrome, colorless, achromatic.

achromique, colorless, achromic.

achroodextrine, *f.* achroodextrin, not colored by iodine.

achropsie, *f.* color blindness.

aculaire, needle-shaped, acicular.

acicule, *f.* acicula, a bristle or prickle.

aciculé, aciculate(d).

acide, *m.* acid; — **acétique concentré**, concentrated (glacial) acetic acid; — **acétique cristallisable**, glacial acetic acid;

— **acétique trichloré**, trichloroacetic acid;
— **acétylacétique**, acetoacetic acid; —
aloïque, aloetic acid; — **aminé**, amino
acid; — **azoteux**, nitrous acid; — **azotique**,
nitric acid; — **bromhydrique**, hydrobromic
acid.

acide, — **carbonique**, carbonic acid; — **chlor-
hydrique**, hydrochloric acid; — **chloro-
carbonique**, carbonyl chloride, phosgene;
— **cinchonique**, cinchonic (quinic) acid;
— **cyanhydrique**, hydrocyanic acid; — **du
citron**, citric acid; — **gras**, fatty acid; —
iodhydrique, hydriodic acid; — **marin**, hy-
drochloric (marine) acid; — **muriatique**,
hydrochloric (muriatic) acid; — **oxygène**,
oxygen acid, oxyacid; — **phénique**, carbolic
acid; — **sulfhydrique**, hydrogen sulphide,
hydrosulphuric acid.

acide, sharp, tart, acid, sour.

acide-acétone, *m.* ketonic acid, acid ketone.

acide-alcool, *m.* hydroxy acid, alcohol-acid.

acide-cétone, *m.* ketonic acid, acid ketone.

acideur, *m.* acid-liquor man.

acidifiant, *m.* acidifier.

acidifiant, acidifying.

acidificateur, *m.* acidifier.

acidification, *f.* acidification, acidulation,
adding a starter.

acidifier, to acidify, acidulate, sour; *s'*—
to become acid, turn sour.

acidimètre, *m.* acidimeter, acid tester,
battery hydrometer.

acidism, *m.* acid dyspepsia.

acidité, *f.* acidity, sourness, tartness.

acidophiles, *f. pl.* acidophilic bacteria.

acido-résistance, *f.* acid-fast character.

acido-résistant, *m.* acid-fast organism.

acido-résistant, acid fast.

acidose, *f.* acidosis.

acidule, subacid, acidulous.

acidulé, acidulated, made acid, somewhat
acid.

aciduler, to acidulate, render acid.

acier, *m.* steel; — **affiné**, refined steel,
shear steel; — **à outils**, tool steel; — **à
ressort**, spring steel; — **au chrome**, chrome
steel; — **au creuset**, crucible steel;
— **boursoufflé**, blister steel; — **brut**, crude
(raw) steel.

acier, — **cémenté**, cement steel, blister
steel; — **cémenté à la surface**, case-
hardened steel; — **corroyé**, shear steel; —
coulé, cast steel; — **de forge**, forge steel;
— **de lingot**, — **en lingot**, ingot steel; —

doux, mild (soft) steel; — **dur**, — **durci**,
hard steel; — **fondé au creuset**, crucible
(cast) steel; — **forgé**, forged steel, cold
steel.

acier, — **indien**, wootz; — **inoxydable**, stain-
less (rustless) steel; — **laminé**, rolled steel;
— **malléable**, malleable steel; — **manga-
nésé**, manganese steel; — **moulé**, cast
(molded) steel; — **nickelé**, nickel steel,
nickel-plated steel; — **poule**, blister steel;
— **puddlé**, puddled steel.

acier, — **raffiné à deux marques**, double-
shear steel; — **raffiné à une marque**,
single-shear steel; — **recuit**, tempered steel;
— **sauvage**, wild (fiery) steel; — **soudable**,
welding steel; — **soudé**, weld steel; —
tiré, rolled steel; — **trempe**, hardened
steel; — **une fois corroyé**, single-shear
steel; — **vif**, hard steel.

aciérage, *m.* steeling, steel facing.

acération, *f.* steeling, case-hardening,
converting of iron into steel.

aciérer, to steel, convert into steel.

aciéreux, — **euse**, steely.

aciérie, *f.* steelworks.

acier-nickel, *m.* nickel steel.

aciforme, acicular, needle-shaped.

acinacifolié, acinacifolious, having scimitar-
shaped leaves.

acinaciforme, scimitar-shaped.

acinaire, acinarious, with vesicles resem-
bling grape seeds.

acine, *m.* acinus, a drupelet.

acineux, — **euse**, acinous, like grapes.

aciphyllé, aciphyllous, with pointed leaf.

aclaste, aclastic.

acompte, *m.* installment, payment (on
account).

aconit, *m.* aconite, wolfsbane (*Aconitum*);
— **napel**, monkshood (*Aconitum napellus*);
— **tue-chien**, dogbane, yellow wolfsbane
(*Aconitum lycoctonum*).

aconitine, *f.* aconitine.

aconitique, aconitic.

acore, *m.* sweet flag, sweet rush (*Acorus
calamus*); — **odorant**, — **vrai**, (sweet) cala-
mus, sweet flag (*Acorus calamus*).

acotylédone, *f.* acotyledon.

acotylédone, acotyledonous.

à-coup, *m.* jerk, shock, start.

acoustique, *f.* acoustics, the science of
sounds.

acoustique, acoustic.

acquérable, acquirable.

acquérir, to acquire, obtain, secure, get, reclaim.

acquis, *m.* acquirement, attainment.

acquis, acquired, established.

acquisition, *f.* acquisition, purchase, achievement.

acquit, *m.* discharge, receipt; — *de fermage*, remission of rent; pour —, paid, received.

acquit-à-caution, *m.* permit, excise bond.

acquittement, *m.* discharge, payment, acquittal, adjustment.

acquitter, to release, acquit, discharge, fulfill, pay, receipt, pay off, perform; il s'acquitte, he fulfills his obligations.

acre, *f.* acre.

âcre, acrid, tart, bitter, pungent, sharp, sour, acrimonious.

âcreté, *f.* acidity, pungency, sourness, sharpness.

acridine, *f.* acridine.

acridinique, acridine, of acridine.

acridique, acridic, acridinic.

acrocarpe, *acrocarpous*, terminal fruited.

acrocrome, *m.* macaw palm or tree (*Acrocomia*).

acrodrome, *acrodromous*, running to a point, convergent.

acrofuge, *acrofugal*, basipetal.

acrogène, *m.* acrogen.

acrogène, *acrogenous*.

acrogénèse, *f.* acrogenesis, terminal fructification.

acrogyné, *acrogynous*, stem terminated by female organs.

acroléine, *f.*, *acrol*, *m.*, *acrolein*.

acroléique, *acrylic*.

acrone, (*ovary*) not widening at base.

acronécrose, *f.* (de la pomme de terre) top necrosis (of potatoes), acronecrosis of potatoes, healthy potato virus.

acropète, *acropetal*.

acroscopé, *acroscopic*, looking towards the summit.

acrospire, *f.* *acrospire*, first sprout.

acrosore, *f.* *acrosore*, a spore at summit of sporophore.

acrotone, *acrotinous*, reaching to the top.

acte, *m.* action, act, deed, certificate, document; prendre — *de*, to record or take a note of.

actée, *f.* baneberry (*Actaea*); — à grappes, black cohosh, bugbane (*Cimicifuga racemosa*).

acteur, —trice, *m. & f.* actor, player.

actif, *m.* credit, outstanding debt, assets, favor; à l'— *de*, to the credit of.

actif, —ive, active, quick, agile.

actinium (—iom), *m.* actinium.

actinomorphe, *actinomorphous*, radially symmetrical.

actinomycose, *f.* wooden tongue, actinomycosis.

actinotropisme, *m.* inflexion toward a source of light.

action, *f.* action, act, share, working, activity, operation, effect; — à distance, action of distance, distant effect; — *de dresser*, — *de joindre les douves*, stave jointing; — *d'une force*, stress, strain; — *privilegiée*, — *de priorité*, preference share; hors d'—, out of action, out of gear; sans —, ineffective.

actionnable, movable, actionable.

actionnaire, *m.* shareholder, holder of stock. actionné, busy, briak, occupied; — *par moteur*, motor driven.

actionnement, direct —, *m.* direct driving.

actionner, to set in motion, operate, sue, drive, work, move.

activement, actively, briskly, vigorously.

activer, to accelerate, activate, urge on, hasten, push, rouse, stir up, press.

activité, *f.* activity, action, quickness, dispatch, operation; — *optima*, optimum activity.

actualité, *f.* actuality, reality.

actuel, —elle, actual, real, present (day), for the time being.

actuellement, now, at the present time.

acuité, *f.* acuteness, keenness.

aculé, *aculeate*, with prickles.

aculées, *f. pl.* *Aculeata*.

aculéiforme, spine-shaped.

acuminé, *acuminate*, attenuate, long tapering.

acuminifolié, *acuminifolious*, with acuminate leaves.

acutangle, acute-angled, sharp-edged.

acutangulé, acutangular.

acutesse, *f.* sharpness, keenness.

acutiflore, *acutiflorous*, with acute perianth segments.

acutifolié, acutifolious, with acute leaves.
 acutipenne, acutipennate.
 acyclique, acyclic.
 acyler, to acylate.
 adamine, *f.* adamite.
 adaptation, *f.* adaptation.
 adapter, to fit, apply, adjust, adapt, make suitable; *s'*—, to fit, adapt, apply, be suitable, adjust oneself.
 additif, -ive, additive.
 addition, *f.* accession, addition.
 additionnel, -elle, additional.
 additionner, to add up, sum up, mix or treat with, supplement, add; — *de*, to treat with; lait additionné d'eau, watered milk.
 adducteur, *m.* adduct (muscle), adduction; tube —, delivery tube.
 adduction, *f.* conveying (water); — d'eau, water supply.
 adèle, *f.* adela (butterfly).
 adelphe, adelphous, having brotherhoods of stamens.
 adelphie, *f.* adelphia, bundle of stamens.
 adelphogamie, *f.* adelphogamy (fertilization).
 adénine, *f.* adenine.
 adénite, *f.* adenitis.
 adénites, *f. pl.* glanders.
 adénophylle, adenophyllous, glandular-leaved.
 adenter, to indent, dovetail.
 adepte, *m. & f.* adept.
 adhérence, *f.* adherence, adhesion, adsorption, traction, attachment, spreading capacity.
 adhérent, *m.* follower.
 adhérent, adherent, adhesive, adnate, sticky.
 adhérer, to adhere, stick, cling, approve, stick fast.
 adhésif, *m.* binding material (agent), fixing agent, agglutinant.
 adhésif, -ive, adhesive.
 adhésion, *f.* adhesion, adherence.
 adiabatique, adiabatic.
 adiabatisme, *m.* adiabatic state (of gas).
 adiante, *m.* Adiantum; — capillaire, maiden-hair (fern) (*Adiantum pedatum*).
 adiphorèse, *f.* adiphoresis.
 adieu, farewell.
 adipeux, -euse, adipose, fatty, fat.

adipique, adipic.
 adipocire, *f.* adipocere.
 adipogénie, *f.* production of fat.
 adipose, *f.* adiposis.
 adiposité, *f.* adiposeness, adiposity, fatty condition.
 adiscal, adiscalis, without a disc.
 adjacent, adjacent, accumbent.
 adjoignant, joining, uniting.
 adjoindre, to adjoin, unite, associate, attach, add.
 adjoint, *m.* associate, assistant, deputy, adjunct.
 adjoint, attached, united, assistant.
 adjonction, *f.* adding, adjoining, joining.
 adjudicataire, *m.* purchaser, highest bidder.
 adjudication, *f.* sale by auction, adjudging, public tender, submission.
 adjuger, to adjudge, award, allocate, sell, knock down.
 adjuvant, adjuvant.
 admettre, to admit, let enter, accept, grant, allow, acknowledge, own, let in.
 administrateur, -trice, *m. & f.* administrator, director, manager, receiver, trustee.
 administratif, -ive, administrative.
 administration, *f.* trusteeship, administration, direction; — forestière, forest administration.
 administrer, to administer, manage, direct, conduct, govern, work, exploit.
 admirablement, admirably, famously, wonderfully.
 admirer, to admire, wonder at, be surprised at.
 admis, admitted.
 admissibilité, *f.* admissibility.
 admissible, admissible, allowable.
 admission, *f.* admission (passage), intake, inlet, induction, introduction, inclusion; — radiale, radial admission; — tangentielle, tangential admission.
 admit (admettre), admitted.
 admittance, *f.* admittance.
 admixture, *f.* admixture.
 admonester, to admonish, warn.
 admotif, -ive, admotivus, in germination albumen remains with sheath.
 adné, adnate, attached the whole length.
 adonc, then.
 adonné, addicted, given.

adonner(s'), to devote oneself, give oneself up, take up; — à, to addict oneself to, apply.

adopter, to adopt, embrace.

adoption, *f.* adoption.

adorable, charming.

adorer, to adore, worship.

ados, *m.* slope, talus, banked up bed or border, sloping bed (in gardens), ridge, tillage in ridges, bank, sloping warm border.

adossé, back to back, supported on to something.

adosser, to place back to back, lean against, lean or rest something against.

adoucir, to soften, tone down, sweeten, relieve, calm, moderate, mollify, smooth down, polish, burnish, furbish, anneal, temper; s'—, to become soft, grow sweet or mild, be mitigated, calm down.

adoucissage, *m.* smoothing, rough polishing, softening, grinding, rubbing, glazing.

adoucissant, *m.* polishing substance, emollient.

adoucissant, softening, lenitive, emollient, demulcent.

adoucissement, *m.* softening, alleviation, smoothing off.

adoucisseur, -euse, *m. & f.* polisher.

adoué, coupled, paired.

adoux, *m.* woad.

adresse, addressed, appressed.

dragant, *m.* tragacanth; **gomme — e**, **gomme d'—**, gum tragacanth.

adrénaline, *f.* adrenaline.

adresse, *f.* address, speech, direction, destination, skill, dexterity, craftiness, cunning.

adresser, to address, label, send, recommend, forward; s'— (à), to address oneself, apply to, speak to, have recourse; il **adresse la parole à**, he speaks to.

adroit, *m.* sunny side (mountain).

adroit, dexterous, skillful, ingenious, clever, adroit.

adroitement, shrewdly, skillfully, cleverly.

adsorber, to adsorb.

adsorption, *f.* adsorption, adherence.

adulte, adult, grown up, full grown, able to bear fruit.

adultérant, *m.* adulterant.

adultérant, adulterating.

adultération, *f.* adulteration.

adultéré, adulterated.

adultérer, to adulterate, falsify.

aduste, (sun)burnt, adust, scorched.

adustion, *f.* cauterization.

advenir, to occur, happen, chance, befall, turn out, come to pass.

adventice, adventitious, casual.

adventif, -ive, adventive, casual.

advenu, occurred, happened.

advers, opposed, adverse, opposite.

adversaire, *m.* adversary, opponent.

adverse, opposite, contrary, unfavorable, adverse (leaves).

adversité, *f.* adversity, misfortune.

advient (advenir), (it) occurs, is happening.

adynamandrie, *f.* adynamandry, self-sterility.

adynamie, *f.* prostration, adynamy.

aérable, capable of ventilation.

aérage, *m.* ventilation, aeration, airing, renewal of air.

aérateur, *m.* fan, ventilator.

aération, *f.* ventilation.

aérénchyme, *f.* aerenchyma, a secondary respiratory tissue.

aérer, to ventilate, air, aerate, give air.

aérique, aerial.

aérien, -enne, aerial, airy, overhead, elevated.

aérifère, air-conducting; **voies — s**, air (wind) passages.

aérifier, to ventilate, aerify.

aériforme, aeriform, gaseous.

aériser, to air, aerify.

aérobie, *m.* aerobe.

aérobie, aerobic.

aérobiose, *f.* aerobiosis, life in atmospheric air.

aérobisme, aerobism.

aérocarpé, *f.* aerocarp, producing fruit aboveground.

aérocyste, *f.* air bladder.

aérodynamique, aerodynamic.

aéro-électrique, electroelectric.

aérogames, *f. pl.* aerogams, phanerogams.

aérogène, aerogenic.

aérolithe, *m.* aerolite, aerolith, air stone.

aérolithique, aerolithic, meteoritic.

aéromètre, *m.* aerometer.

aérométrie, *f.*, aerometry.
aéromorphose, *f.* aeromorphosis.
aéromoteur, *m.* windmill.
aéronef, *m.* airship, aircraft.
aérophagie, *f.* aerophagia.
aérophytes, *m. pl.* epiphytes, air plants.
aérostat, *m.* lighter-than-air craft, balloon.
aérostation, *f.* ballooning, aeronautics.
aérotactisme, *m.* aerotaxis, stimulus by oxygen.
aérotropisme, *m.* aerotropism, influence of gases on growth.
aeschynomène, *f.* sola (*Aeschynomene aspera*).
aescule, *m.* horse, chestnut (*Aesculus hippocastanum*).
aesculine, *f.* esculin, aesculin, an alkaloid from the horse chestnut.
aethalie, *f.* aethalium, a compound sporiferous body.
aéthéogame, aetheogamic, cryptogamic.
affable, gracious.
affadir, to render insipid, tasteless or dull, flatten; *s'*—, to become insipid, lose flavor.
affadissant, sickening, insipid, tiresome.
affadissement, *m.* insipidity, dulling, loss of flavor.
affaiblir, to weaken, dilute, lessen, reduce, impair, tender, enfeeble, debase; *s'*—, to become weak, lose strength, grow faint.
affaiblissement, *m.* weakening, diminution, enfeeblement, (state of) weakness, debility, lowering.
affaiblisseur, -euse, weakening, reducing (agent).
affaire, *f.* business, affair, concern, thing, question, matter, deal, venture, engagement, fight, case, difficulty, transaction; avoir — à, to deal with, have to do with, have business with; tirer d'—, to get out of difficulty; voici son —, that's what he wants.
affairé, busy.
affaires, *f. pl.* business.
affaissement, *m.* collapse, prostration, sinking, depression; — plat, shallow subsidence.
affaïsser, to cause to sink or collapse, subside, depress, weigh down, sink, settle, sag, bear down; *s'*—, to collapse, sink, sag, give way, become downhearted.
affaler, to unwind lower; il s'affale, he slides down.

affamé, hungry, starving, eager.
affamer (*s'*), to follow a starvation diet.
affectable, easily affected.
affectation, *f.* periodic block; — en aménagement, block with crop of one age class.
affecter, to affect, take on, appropriate, move, touch, pretend, assume, attach, provide, destine.
affection, *f.* affection, infirmity, love, liking; — du foie, hepatitis, inflammation of the liver; — mammaire, garget; — saturnine, lead poisoning.
affectionné, affectionate, loving.
affectionner, to love, like, be fond of.
affectueux, -euse, affectionate.
affenage, *m.* feeding.
affenager, to feed.
afférent, afferent, assignable, belonging, relating to.
affermage, *m.* farming out, leasing.
affermataire, *m.* tenant farmer.
affermer, to lease, rent, farm out, put out to lease.
affermir, to strengthen, establish, make firm, harden, consolidate, fasten; *s'*—, to become stronger, firmer, be consolidated.
affermissement, *m.* consolidation, strengthening, support.
afféterie, *f.* affectation.
affichage, *m.* billposting, placarding.
affiche, *f.* placard, poster, bill.
afficher, to post (up), display, parade, expose, show.
affidé, trustworthy.
aflage, *m.* sharpening, whetting.
aflée, *f.* cinq heures d'—, five hours at a time.
affiler, to sharpen, set, whet, hone.
affilié, *m.* affiliated member, associate
affilié, affiliated.
affilier, to affiliate.
affiloire, *f.* rubber, slip, whetstone, hone.
affin, related, closely connected.
affinage, affinement, *m.* improvement, refining, ripening, maturing, cropping.
affiner, to improve, refine, make better, ripen, mature, heckle, sharpen, crop, shear, point; *s'*—, to become pure or refined, ripen.
affinerie, *f.* refinery.
affineur, -euse, *m. & f.* refiner, finisher.