EXHIBIT L

THE OXFORD ENGLISH DICTIONARY

SECOND EDITION

Prepared by
J. A. SIMPSON and E. S. C. WEINER

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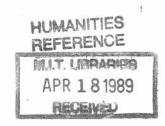
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rush, a rapid headlong course; chiefly in phr. in (on, or with) a randon (= OF. en un randon); hence Sc. a straight course, direct line. Obs.

In common use from c 1300 to the early part of the 16th

In common use from c 1300 to the early part of the 16th c.
c 1305 Land Cokayne 132 in E.E.P. (1862) 159 be monkes
listip nost adun. Ac furre fleeb in o randun. 1375 BARBOUR
Bruce v. 632 He. Raucht him sic rout in randoun richt.
c 1450 Merlin vii. 118 Than thei..ronnen a-gein hym with
as grete raundon as their horse myght hem bere. c 1477
CANTON Jason 57 The ship..hurtlyd again the ground in
suche a random and force that hit was all to broken. 1513
DOUGLAS Æneis I. vi. 149 Behald tuelf swannis in randoun
glaid and fair [L. ordine longo]. 1523 LD. BERNERS Froiss. I.
clvii. 191 The frenchmen..came on them with great
randon, their speares in their restes. 1594 2nd Rep. Dr.
Faustus in Thoms Prose Rom. (1885) Ill. 396 Two great
waves..meeting together by long randome. 1600 HOLLAND
Livy VII. xxiv. 265 The barbarous people..fled in this
randon beyond their tents. 1611 Speed Hist. Gt. Brit. IX. xx.
(1632) 664 The Kings vantgard..giuing in among them
with full randon, slew first such Captaines as resisted. 1889
'MARK TWAIN' Comn. Yankee xv. 180 Two knights came
together with great random.
† b. A rush or stream (of words, fire). Obs.
c 1440 Promp. Parv. 423/1 Randone, or longe renge of
wurdys, or other thyngys...haringga. c 1450 Merlin 210
The dragon...caste oute of his throte so grete raundon of
fore in-to the airc...that it semed all reade.
2. Phr. at (the) randon or random.

2. Phr. at (the) randon or random

† a. Hawking. (See quot. 1486). Obs.
1486 Bk. St. Albans D jb. If the fowle spryng not bot flee
a long after the Reuer and the hawke nym it then ye shall say
she slew it at the Raundon. 1600 W. WATSON Decacordon (1602) 145 They [Jesuits] haue, like great fawcons or hawkes of the Tower, firmely seazed vpon the pray, kild, at randon, wing or souce.

†b. Mil. Applied to some method of

encounter in a tournament (contrasted with at

encounter in a tournament (contrasted with at the tilt). Obs.

1538 ELYOT, Decursio, Iustes, as at the tylte or randon.
1587 HOLINSHED Chron. III. 833/2 At the randon and turneie the duke of Suffolke hurt a gentleman. a 1648 LD. HERBERT Hen. VIII (1683) 52 The Laws on Horse-back were, that with Sharp Spears they should run flue Courses at Tilt, and flue more at Randon.

† C. ? At full speed. Obs. rare—1.

TC. ? At full speed. Cos. rare. 1632 LittleGov Trac. vi. 264 Wee found twelve.. Turkes, ready to receiue vs... who foorthwith opened at randon the two great Brazen halfes of the Doore.

3. Phr. at random, orig. at great speed, without consideration, care, or control; hence, a. with vbs. of action or occurrence: At

haphazard, without aim, purpose, or fixed principle; heedlessly, carelessly, etc. (Cf. also

haphazard, without aim, purpose, or fixed principle; heedlessly, carelessly, etc. (Cf. also sense B. I b.)

Chiefly used with verbs of moving, striking, throwing, speaking, thinking, or taking; in early use esp. in the phr. to ten at random (very common down to c to 50).

1565 Jewel. Replie Harding viii. § 16 Leaste he happen... to renne at random. 1591 SHAKS. I Hen. VI, v. iii. 84 He talkes at random: sure the man is mad. 1592 — Ven. & Ad. 940 Hatefully at randon doest thou hit. 1616 DRUMM. OF HAWTH. Poems I. C jb, Psyche's louer hurles his Darts at random. 1662 Geberle Principles 16 Not to Build at Randome, as the Custome of too many ill Builders is. 1729 BUILER Serm. Hum. Nat. ii. Wks. 1874 II. 32 Man cannot be considered as a creature left by his Maker to act at random. 1796 II. HUNTER IT. St. Pierre's Stud. Nat. (1799) I. Pref. 9 A few passages, not selected, but picked up at random. 1833 J. HOLLAND Manuf. Metall II. 33 This composition is then dropped upon the surface... at random, leaving the effect to chance. 1862 Sir B. BRODIE Psychol. Ing. II. vi. 193 Eclipses. formerly were supposed to occur at random. 1898 W. A. WHITWORTH Expectation of Parts 7 If a magnitude s be divided at random more in a period m, therefore its chance of occurring in an interval of time or space 8t is 8t/m. 1931 H. JEFFREYS Scientific Interence iii. 24 We select at random m of the objects... We need a definition of what we mean by at random. We mean that every possible selection of m objects from the original n is equally probable. 1951 Tril. Ecol. XXXIX. 172 The principle of contagion.. is that the groups are distributed at random and that the number of individuals in each group is also random.

b. Similarly with sbs. Somewhat rare.

a 1653 Gouge Comm. Hebr. xiii. 20 To shew that Christ is a Shepherd not at random for any sheep, but that he hath a peculiar flock belonging unto him. 1667 MillTon P.L. IV. 930 Thy words at random, as before, Argue thin experience. 1784 Cowper Task II. 522 Their answers, vague And all at random, fa

(to leave) in a neglected or untended

condition. Now rare.

1582 N. Licheffeld tr. Castanheda's Cong. E. Ind. 162 b,
the Caruell... being thus left at randon,.. fell vpon certaine
Rockes. 1642 Rocess Naaman 537 Leaving thy flock and
charge at random. 1848 KERE Serm. Pref. 12 How can there
be any comparison of safe or unsafe, if all be left at random?
†d. (to leave or live) at liberty, free from

restraint or control. Obs.

restraint of control. Ods.

1569 in Bolton Stat. Irel. (1621) 313 Libertie to.. liue at randan. 1590 Spenser F.Q. III. x. 36 The gentle Lady, loose at randon lefte, The greene-wood long did walke. 1632 LITHGOW Trav. 1x. 388 There was not a Bandit left at randon in all Sicilia. 1694 R. L'ESTRANGE Fables (I.), In the days of old the birds lived at random in a lawless state of

4. A random course (now rare). Also, that

which is random; random state, randomness. In early use perh. directly from sense 1, but latterly influenced by the phr. at random.

1561 SACKVILLE & NORTON Gorboduc 1. ii. 127 When such beginning of such liberties. . Shall leaue them free to randon of their will. c1624 LUSHINGTON Serm. Resurr. in Phenix

(1708) II. 480 We follow not the random of their roving, but take the sum of their saying. 1670 COTTON Espernon I. 11. 58 Making stories, as it is his custom at the random of his own Making stories, as it is his custom at the random of his own passion, and fancy. 1813 G. EDWARDS Meas. True Pol. 86 As if the ant and bee..had..proceeded in chaotic randoms upon points actually unascertained in nature. 1929 R. BRIDGES Testament of Beauty II. 44 As when a high moon thru' the rifted wrack gleameth upon the random of the windswept night. 1969 Listener; 3 Nov. 678/3. There's a lot of random in our songs, says Paul [McCartney].

II. techn. +5. Gunnery. The range of a piece of ordnance; properly, long or full range obtained by elevating the muzzle of the piece; hence, the degree of elevation given to a gun, and spec. that

degree of elevation given to a gun, and spec. that which gives the utmost range (45°). Obs.

1571 Diggs Pantom. Pref. A iijb, Science in great Ordinance especially to shoote exactly at Randons. 1588 Lucar It. Tartaglia's Collog. Shooting 4 How a Table of Randons may be made for any peece of ordinance. 1661 S. Paptridge Double Scale Proport. 85 How far will a Cannon carry her Bullet at her best Randon, that carrieth it at point-blank 360 paces. 1669 Sturmy Mariner's Mag. v. 71 The next Shot was at five degrees Random, and at that mounture the shot was conveyed 416 Paces. 1731 J. Gray Gunnery 81 The random and direction of a piece on the plane of the horizon being given. Infid it's random on an inclined plane. fig. 1667 Denham Direct. Painter 1. 26 The Duke himself ... was not out of dangers random set. 1697 J. Sergeant Solid Philos. A iv, Fancy let loose to fly at its full Random, and driven forward with a quick Wit.

† b. Phr. at random, at any range other than point-blank. Obs.

point-blank. Obs.

point-blank. Obs.

1588 Lucar tr. Tartaglia's Colloq. Shooting App. 62 To know how he shoote in the said peece at randon. 1612 CAPT. SMITH Map Virginia 24 Forty yards will they shoot level or very neare the mark, and 120 is their best at Random. 1669 STURMY Mariner's Mag, y. 67 How to make a good Shot either of Point-blank, or at Random. 1698 FRYER Acc. E. India & P. 137 Two unshapen Sakers. one of which at random killed a Rajah some four months ago.

6. Mining. The direction (of a rake vein, etc.). 1653 Manlove Lead Mines 261 Break-offs, and Buckers, Randum of the Rake. 1747 Hooson Miner's Dict. Dijb, Observe whether such leading keep its course according to the Randome of the Vein already cut. 1866 Durham Mining Lang., We must lower the sump from yon level down to the random of Wiregill lower-level.

7. (From B. 3.) a. Building. Stone of irregular sizes, or a piece of this.

sizes, or a piece of this.

1886 in Rochdale Gloss.

b. Dyeting. Clouded yarn.

1874 W. CROOKES Dyeing & Calico-Print. xii. 102 Scarlet
Random [etc.].

Random [etc.].

8. Printing. (See quots.)

1888 C. T. JACOBI Printers' Vocab. 110 Random, a special frame used by compositors in making-up. 1898 J. SOUTHWARD Mod. Printing I. iv. 29 Making-up Frames. consist of an ordinary whole frame, fitted with a 'random'—that is, a sloping board, corresponding to a case, with ledges running along it transversely. 1910 A. BENNETT Clayhanger 1. xii. 101 Under the furniture rack was the 'random', full of galleys. 1922 W. H. SCLATER What Compositor should Know I. 82 Randoms, on which new composition is placed for the purpose of being 'made up into column form or page form. 1966 G. A. GLAISTER Gloss. Bk. 341/2 Random, the sloping work-top of a composing frame.

B. adj. (from phr. at'random: see A. 3).

1. a. Not sent or guided in a special direction;

having no definite aim or purpose; made, done,

having no definite aim or purpose; made, done, occurring, etc., at haphazard.

1655 Fuller Ch. Hist. IX. vii. § 29 In vain do staid heads make serious comments on light mens random-expressions.

1697 Dryden **Zheid IV. 95 The watchful Shepherd.

Wounds with a random Shaft the careless Hind. 1728 Pope Dunc. I. 275 She shews. How random thoughts now meaning chance to find. 1764 Burn Poor Laves 190 Leaving the poor to be supported by random charity. 1827 Roberts Voy. Centr. Amer. 172 The random and ill-directed fire of the Spaniards. a 1845 Hood Song, O Lady, leave thy silken thread i, Stoop where thou wilt, thy careless hand Some random bud will meet. 1877 E. R. Conder Bas. Faith iii. 102 The random working of our..intellect.

b. Statistics. Governed by or involving equal chances for each of the actual or hypothetical

chances for each of the actual or hypothetical members of a population; also, produced or obtained by a random process (and therefore completely unpredictable in detail); random distribution, a probability distribution, esp. the Poisson distribution; random error: see ERROR 4d; random noise (see quot. 1954); random number, a number selected from a given set of numbers in such a way that all the numbers in the set have the same chance of selection; also, a pseudorandom number; random process, (a process characterized by) a sequence of random variables (see also quot. 1937); random sample, a sample drawn at random from a population, each member of it having an equal or other specified chance of inclusion (sometimes contrasted with quota sample s.v. QUOTA sb. 4); so random sampling; random selection, a random sample; random sampling; random variable, variate, a variable whose values are distributed in accordance with a probability distribution; random walk, the movement of something in successive steps, the direction, length, or other property of each step being governed by chance independently of preceding steps.

1898 Phil. Trans. R. Soc. CXCI. 230 Every artificial or even random selection of a group out of a community changes not only the amount of variation, but the amount of correlation of the organs of its members as compared with those of the primitive group. 1900 Phil. Mog. L. 157 (heading) On the criterion that a given system of deviations from the probable in the case of a correlated system of variables is such that it can be reasonably supposed to have a since from random sampling can be sampled to the sample of the control of the control of the case of a correlated system of variables is such that it can be reasonably supposed to the control of the control Such an infinite family of random variables is continoing called a random sequence or random process (or stochastic sequence or stochastic process). 1971 [see quota method] 1973 LORD & ROBINSON IT. Kuttruff's Room Acoustics vill. 211 The room under investigation... is excited by stationary random noise... with a large frequency bandwidth. 1973 F. E. FISCHER Fund. Statistical Concepts vii. 139 We can think of most discrete random variables as counts (how many heads, children, spades, or accidents?) and most continuous random variables as measures (how tall, long, heavy, or intelligent?). 1975 R. B. ELLIS Statistical Inference ii. 17 What counts is making sure that the sample really is random, that at any time any item in the population has as much chance of being chosen as any other item in the population. 1975 Sci. Amer. May 48/3 A series of numbers is random if the smallest algorithm capable of specifying it to a computer has about the same number of bits of information as the series itself. 1977 Private Ley I Apr. 5/2 The naive random walk theory... rules out the application of any device based upon the movement of past prices in the

market. 1978 Sci. Amer. Apr. 71/2 One way to test for the role of chance in such a situation is to devise a Monte Carlo computer program, which generates random numbers to determine the distances and angles between consecutive directional changes of simulated tracks.

c. Psychol. Of activity, movements, etc.: seeming to be without purpose or direct relationship to a stimulus, sometimes thought of as an organism's initial reaction to unfamiliar stimuli, and giving way to directed action as learning takes place.

stimuli, and giving way to directed action as learning takes place.

1905 Psychol. Bull. II. 251 Fuhrmann noted prevalence of predicative association and of the egocentric factors; moreover, especially in the beginning of tests, random association. 1911 E. L. THORNDIKE Animal Intelligence vi. 242 If the movements are really random, they occur by virtue of some force that works at random. 1927 J. ADAMS Errors in School x. 304 The knowledge the psycho-analyst acquires by random-answering is knowledge-by-the-way so far as the instructor is concerned. 1927 M. K. THOMSON Springs of Human Action v. 74. Undifferentiated activity (random movement), among the native tendencies none is more primitive and fundamental than activity. 1934 CROZIER & HOAGLAND in C. Murchison Handok. Gen. Exper. Psychol. 20 It is to be noted that there is obtainable in this way a measure of 'random' movements and a key to their interpretation. 1935 K. KOFKA Princ. Gestalt Psychol. iii. 629 Trial and error may then mean that he gets a 'hunch' from the data... This would no longer be random activity, but activity determined by the nature of the task. 1935 E. L. THORNDIKE Psychol. of Wants, Interests & Attitudes ii. 13 The fact of multiple response or varied reaction. has led to the error of assuming that man at least had a tendency to make responses that were random. Bid. There doubtless is a residuum of behavior that may be called random. 1948 E. R. HILGARD Theories of Learning v. 116 Although it was often convenient to talk about 'random' or 'spontaneous' responses, it was not doubted that stimuli were present to elicit them.

2. Of persons: Living irregularly. rare. (1828 Houlston Tracts II. No. 60. 6 'In my time, Sir', said

were present to elicit them.

2. Of persons: Living irregularly. rare.
c1825 Houlston Tracts II. No. 6o. 6 'In my time, Sir', said
he, I've been random and free, But I now prefer order and
quiet'. 1873 H. Septches Stud. Sociol. xv. 371 Continually
we remark that men who were random grow steady when
they have children to provide for.

3. techn. a. Said of masonry, in which the
stones are of irregular sizes and shapes. Cf. C.

1823 P. Nicholson Pract. Build. 339 Random Co Unequal courses, without any regard to equi-distant sints. 1886 Chesh. Gloss. s.v., A random wall.

b. Of tooling: (see DROVE v.3).

b. Of tooling: (See DROVE U.*).

1842 GWILT Archit. § 1914 Droving is the same as that alled random tooling in England, or boasting in London.

c. Of yarn = CLOUDED 2 a.

1874 W. CROOKES Dyeing & Calico-Print. xii. 102 On the true scale the random yarns are coloured in machines.

4. random shot, a shot fired at random (orig. in

sense 5 b of the sb., but latterly apprehended as

sense 5 b of the sb., but latterly apprehended as in sense 1 of the adj.).

1693 LUTTRELL Brief Rel. (1857) III. 9 One of their random shorts killed lieutenant coll. Jackson. 1708 Lond. Gaz. No. 4422/7 The nine Sail stood in fair with us near random Shot. 1788 Gibbon Deel. & F. laviii. (1869) III. 716 The first random shots were productive of more sound than effect. 1806 A. Duncan Nelson 109 The.. ship.. had approached within random shot of the Leander. 1849 AMACAULAY Hist. Eng. is. II. 457 A random shot or the dagger of an assassin might in a moment leave the expedition without a head. fg. 1788 BURNS To J. Smith vi, The star that rules my luckless lot. Has blest me with a random-shot O' countra wit. 1809 MALKIN Gil Blas VII. vi. P2 The random shot of .self-created guides in matters of taste.

5. random access (Computers): used to designate a memory or file all parts of which are

designate a memory or file all parts of which are directly accessible, so that it need not be read sequentially; esp. one in which the access time for any item is effectively independent of the location and the access time of the item last accessed

accessed.

1953 Proc. IRE XLI. 1264/2 The random-access property also makes it easier to operate input, output, and external storage devices out of synchronism with the central computer. 1967 New Scientist 5 Oct. 13/1 This type of memory, in which all addresses are directly accessible, is known as random-access, to distinguish it from the slower but cheaper type which is scanned sequentially, used for backing stores. 1969 P. B. JORDAIN Condensed Computer Encycl. 414 The true random-access devices are static memories: core, thin film, electrostatic cathode-ray tubes, electronic. Most of the so-called random-access devices are static memories: core, thin film, electrostatic cathode-ray tubes, electronic. Most of the so-called random-access devices are state access devices. 1971 Publishers' Weekly 9 Aug. 24/3 The advantage of random access dies storage is that all required files for a specific application will be on-line to the computer when that application is being processed. 1975 T. W. PRATT Programming Languages iii. 87 A random access file is organized as a set of unordered records. Access is through an address that indicates the position of the record on the external device.

C. adv. † 1. = At random. Obs. rare.

C. adv. +1. = At random. Obs. rare.

1618 Bolton Florus (1636) 96 The third lightnings of Annibal flew randome at us by Trasimenus lake. a 1619 FOHERBY Atheom. II. xi. § 2 (16322) 313 Neither doe they runne randon, nor are they rolled, beside their ancient order.

2. Comb., as random-blown, -cast, -fashioned, -rubbed adjs.; random-wise adv.

1790 R. MERRY Laurel Liberty (ed. 2) 7 Random-cast, beside some stream,... Thou ponder'st. 1839 Darley Introd. Beaum. & Fl.'s Whs. (1839) I. 26 Most imaginative authors, perhaps, commence random-wise,... and save themselves the trouble of a total invention at first. 1862 Illustr. Catal. Internat. Exhib., Industr. Dept., Brit. Div. II.

No. 2253 Castellated circular turret, random rubbed; white quartz. 1871 Tennyson in Contemp. Rev. XIX. 12 Tristram .. sank Down on a drift of foliage random-blown. 1906 HARDY Dynasts II. v. viii. 287 Ephemeral at the best all honours be, .. So random-fashioned, swift, perturbable!

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b. random-jointed (see quot. 1833 and B. 3 a).

1833 LOUDON Encycl. Archit. §185 Rubble stone, or random jointed ashlar work (free stone, rough as it comes from the quarry, laid in irregular courses). 1848 [J. C. Wharron] Quarrendon Church 7 The external walls are built with random-jointed squared ashlar.

Hence 'randomish a., somewhat random; 'randomly adv.; 'randomness; also rando-

randomly adv.; 'randomness; also rando'micity = prec.
1824 in Spirit Pub. Jrnls. (1825) 136 My son Jonathan is
but a randomish sort of a chap. 1865 Ch. Times 2 Sept. 276/3
Each rode his own hobby...so randomly and violently [etc.].
1866 J. Venn Logic of Chance ii. 30 We must also idealize the
'randomness' of the throwing of the penny. 1872
BLACKMORE Maid of Sker 166 If any one cares for that sort
of thing, who knows mankind's great randomness. 1891 G.
MEREDITH One of our Cong. I. xii. 228 He talked randomly
of money. 1921 J. M. KEYNES Treat. Probability xxiv. 281
Many important differences of opinion in the treatment of
probability have been due to confusion or vagueness as to of money. 1921 J. M. KEYNES Treat. Probability xxiv. 281 Many important differences of opinion in the treatment of probability have been due to confusion or vagueness as to what is meant by Randomness. 1936 Rev. Sci. Instruments VII. 459/2 Fluctuations to be expected due to the randomicity of the counting. 1938 Nature 14 May 881/2 Four tests for randomness... were applied to these numbers, with satisfactory results in each case. 1957 P. GREIG-SMITH Quantitative Plant Ecol. iii, 51 Departure from randomness of distribution of a species indicates that one or few factors are determining the performance or survival of the species. 1959 New Scientist Dec. 1144/3 An interesting point of this arrangement is that the lengths of the delays can be chosen randomly. 1963 H. M. MORRIS Twilight of Evolution ii. 44 The natural tendency of all change is to create a greater degree of disorder and randomness. 1963 T. & P. MORRIS Pentonville iv. 75 Half the men in each group were randomly selected on the basis of throwing dice. 1972 Science 27 Oct. 392/3 Environmental randomicity of various kinds may have important implications in triggering evolutionary sequences that would be impossible or unlikely in non-stochastic environments. 1986 7ml. R. Soc. Arts Feb. 138/1 The cosmos will end in heat death with all matter randomly diffused.

random ('rændəm), v. rare. [f. the sb.] intr. To

do something at random, to occur at random. 1889 'Mark Twain' Conn. Yankee xxvii. 349 A thought came randoming overthwart this majestic dream. 1921 R. FRost Let. 15 Apr. (1962) 127 She wasn't experimenting, poor thing. She was randoming, as Alisande hath it.

randomization (,rændəmai'zeifən). [f. next -The action, process, or result of -ATION.]

randomization (rændomal zeljan). [I. hext + ATION.] The action, process, or result of randomizing.

1926 Jrnl. Min. Agric. XXXIII. 510 A process of randomization by which one is selected at random out of the total number of Latin Squares possible. 1934 Math. Gaz. XVIII. 294 The process of randomisation has in recent years come to play such a central part in experimental design that it is of some interest to find that it affords a means of resolving one of the oldest paradoxes which arose in discussions of gaming. 1946 G. W. Snedecon Statistical Methods (ed. 4) 253 The degree of randomization is no longer evident, but the weekly heights and the block differences are brought into prominence. 1960 Daily Tel. 23 Aug. 16/5 Because the experiments were made over five years, using a 'randomisation' method, the Australian results were considered by other experts at the conference to be the first to be absolutely conclusive. 'Randomisation' means that clouds are selected in a completely random manner. 1966 Lancet 24 Dec. 1371/2 We tested the randomness of these four groups; except for age-distribution, randomisation was satisfactory. 1980 Times Lit. Suppl. 15 Feb. 160 A 'genuinely open society' is, presumably, one in which relative mobility chances have been equalized. But how?. By the randomization of access to the labour market?

randomize ('rændəmaiz), v. [f. RANDOM sb., a., To render and adv. + -IZE.] trans. To render unpredictable, unsystematic, or random in order or arrangement; to employ random selection or sampling in (an experiment or

selection or sampling in (an experiment or procedure).

1926 Jrnl. Min. Agric. XXXIII. 500 The distinction between errors eliminated in the field, and the errors which are to be carefully randomized in order to provide a valid estimate of the errors which cannot be eliminated, may be made most clear by one of the most useful and flexible types of arrangement, namely, the arrangement in 'randomized blocks'. 1939 H. Jeffreys Theory of Probability iv. 192 Most physicists, of course, will envy workers in subjects where uninteresting systematic effects can be randomized. 1958 New Scientist 21 Aug. 659/3 Having produced a beam of the required energy, the Oak Ridge group then try to randomise it by firing it into a magnetic bottle produced by two mirror coils. 1959 Test House Rep. No. OTL/Mi/s/59 (Inspectorate of Fighting Vehicles & Mech. Equipm. Test House. Oil Test Lab.) 4 A programme of two tests on each of the seven oils was arranged and the tests randomised to eliminate bias. 1967 Listener 26 Jan. 134/2 A number of vears ago Sir Ronald Fisher made a statistical analysis of the problem and came to the unexpected conclusion that the

problem and came to the unexpected conclusion that the best rule in each case was not to have any fixed rule at all, but to randomize one's actions by an appeal to chance. 1971 Jrnl. Gen. Psychol. LXXXV. 172 The order of these pronouns was randomized. 1977 Sci. Amer. Sept. 42/2 Assume that the deck of cards is finite, so that an umpire can indeed randomize them

Hence 'randomized ppl. a., chosen at random; deliberately made random or unpredictable; 'randomizing ppl. a., generating random output; 'randomizing vbl. sb., the act of rendering random.

Feb. 253/1 It is with applications of the principle of testing null hypotheses by means of randomised and replicated experiments that the first nine chapters of this book deal. 1936 fral. R. Statist. Soc. Suppl. No. 3. 118 The tendency of deliberate randomizing is to increase the error. 1938 Nature 14 May 881/1 M. G. Kendall and B. B. Smith have designed a randomizing machine. 1955 Sci. Amer. Feb. 81/2 The idea is to let chance play a role in the choice of strategy, that is, to use a randomized or 'mixed' strategy. 1962 Times Lit. Suppl. 2 Feb. 73/3 To randomized numbers where no fancy boggles The Great Boondogglers go. 1968 P. A. P. Moran Introd. Probability Theory 1. 44 Decimal digits which were obtained by a 'randomizing machine'. 1970 Nature 12 Dec. 1113/1 Each block of twenty trials contained all possible combinations of test stimuli presented in randomized sequence. 1978 Lancet 14 Jan. 72/2 The claim that an upright maternal posture during labour improves the efficiency of the uterus to the benefit of both mother and fetus has been investigated in a randomised prospective study.

randomizer ('rændəmaizə(r)). [f. prec. + -ER1.] A device which generates random output. 1974 Sci. Amer. Apr. 1:2/2 It is very easy to use a penny as a randomizer for deciding between two alternatives with probabilities expressed by rational fractions. 1976 Times Lit. Suppl. 1:3 Feb. 172/4 Chickens.. which appear capable of influencing mentally an electronic randomizer controlling the switching mechanism of a lamp.

the switching necessary.

f'randon, v. Obs. rare. Also 7 -ome. [f. the sb.; in earliest quot. perh. a. OF. randonner.]

1. intr.? To flow swiftly. rare-1.

Or perh. trans. to set in line referring to the walls. c1470 GOl. S Gaw. 248 Apone that riche river, randonit full evin, The side-wallis war set, sad to the see.

2. intr. To fly at random.

1602 Narcissus (1893) 735 Lett not your judgments randome. 1605 CAMDEN Rem. (1637) 204 That it [the bullet of a sling] pierceth helmet and shield, that it reacheth farther, that it randoneth lesse.

randon(e, -doun(e, -down(e, obs. ff. RANDOM.

|| randori (ræn'dəəri). [Jap., lit. 'informal practice'.] A (session of) informal practice in Judo.

Judo.

1913 E. J. Harrison Fighting Spirit of Japan iv. 65 The non-esoteric branches of judo are called randori, in which the pupil freely applies his knowledge in open practice... with others. 1932 — Art of Ju-Jitu iii. 30 It is not absolutely necessary for the pupil to master all these details.. before beginning 'randori' practice. 1954 E. Dominy Teach Yourself Judo vi. 63 In 'randori' which is free practice you never find an opponent who is willing to lie passively on his back. 1972 Oxf. Mail I Aug. 10/3 This initial practice very soon develops into 'randori', the form of training in which most players spend most of their judo time. This involves moving about with a partner.

randring, obs. Sc. pr. pple. RENDER.

randsom, obs. form of RANSOM.

randum, -dun, obs. forms of RANDOM.

randy ('rændı), a. and sb.1 orig. dial. and Sc. Also 7-9 randie. [Perh. f. RAND v. + -Y: but the original sense of the word is not quite clear.] A. adj. 1. Sc. Having a rude, aggressive

manner; loud-tongued and coarse-spoken.
In early use always of beggars, and probably implying vagrant habits as well as rude behaviour. Now applied only

vagrant habits as well as rude behaviour. Now applied only to women.

1698 Culross Kirk Session Minutes 18 Sept., Seven pounds Scots. distributed to the randie beggars. 1723 Meston Poems, Knight (1767) 6 A rambling, randy errant Knight. 1785 Burns Jolly Beggars 1st Recit., A merry core O'randie, gangrel bodies. 1816 Scott Told Mort. xxvii, It was him and his randie mother began a' the mischief in this house. 1894 Crockett Raiders (ed. 3) 42 Hearing what the pair of old randy wives had to say to me.

2. a. dial. Boisterous, riotous, disorderly, discincted, wild wrently. Unmanage oble.

2. a. dtal. Boisterous, riotous, disorderly, dissipated; wild, unruly, unmanageable.

1787 in Grose Prov. Gloss. 1874 Sir. J. KayShuttleworth Ribblesdale I. 21 Mind you long-horned cattle. they are apt to be randy. 1876- in dial. glossaries (Yks., Linc., Chesh., Shropsh., etc.). 1884 Punch 8 Mar.

118/1 That young bay you'll find a little randy. With rather more of 'devil' than comes handy.

b. Wanton, lustful, lewd. orig. dtal.

b. Wanton, lustful, lewd. orig. dial.

1847 in Halliwell. 1881 - in dial. glossaries (Yks., Leic., Warw., etc.). 1888-94 My Secret Life III. 280 She'll be randy directly her belly is filled. 1942 [see Pussy 16. 6]. 1939

I. STEINBECK Grapes of Wrath vi. 60 Fust time I ever laid with a girl.. snortin' like a buck deer, randy as a billygoat. 1957 W. Camp Prospects of Love II. v. 62 Suffers from too much sex, if anything—he's a randy old man. 1965 F. Sargeson Mem. Peon iv. 87, I was randy myself at your age. But be careful. These native girls can put you right into hospital if you don't take care. 1978 K. J. Dover Greek Homosexuality ii. 38 The gangs or clubs of randy and combative young men. combative young men.
3. Comb., as (sense 2 b) randy-arsed adj.; also

with sbs. forming attrib. compounds, as randy-

dog.

1968 Randy-arsed [see LENGTH sb. 11c]. 1963 Times Lit.
Suppl. 18 Jan. 37/4 Harold Barlow is an Amis character..
with that special randy-dog flavour. 1973 M. Amis Rachel
Papers 173 Tom, Geoffrey's analogue of my own Sebastian:
sixteen, wealthy in pustules, randy-dog smells, sebummoist hairline, and other adolescentiana.
B. sb.¹ Sc. and north. dial. a. A sturdy rude-

mannered beggar; a thorough vagrant.
1788 Burns Louis, what reck ii, Reif randies, I disown ye!
1792 Statist. Acc. Scotl. II. 515 Many Randies (sturdy