

necessary to shut up or confine the bees, even if they have honey in the comb, it is best to give them some food, as it keeps them better satisfied, and enables them to go on with their work, and if a queen is present there will be no cessation of ovipositing.

The natural food of bees in nature state is saccharine juices or secretions of plants known as sugar, ordinarily grape or fruit sugar, as they are the most accessible; but as they are never in nature free from other secretions of the plants they need only vary. Cane sugar generally is purer and furnishes the best food. It may be stated as an ascertained fact that the purer the sugar, and the freer it is from any foreign substance, the better it is suited to the sustenance of the bees. Pure white sugar, dissolved in water with a little heat, so as to be of the consistency of their honey, is the best food that can be given.

Louisville Weekly Ledger

Breeder and Grazier.

King of Troy.

The annexed woodcut is the portrait of the imported Cotswold Ram, *King of Troy*, owned by John Snell & Son, of Edmonton, County of Peel, Ontario. He is said to be a remarkably fine animal and likely to leave his mark on the Edmonton flock. Cotswolds continue to hold their own well against all comers—the demand being as great and the prices as good as ever. Mr. John C. Snell promises to keep the reputation of his Herd and flock fully up to the mark achieved by his late father.

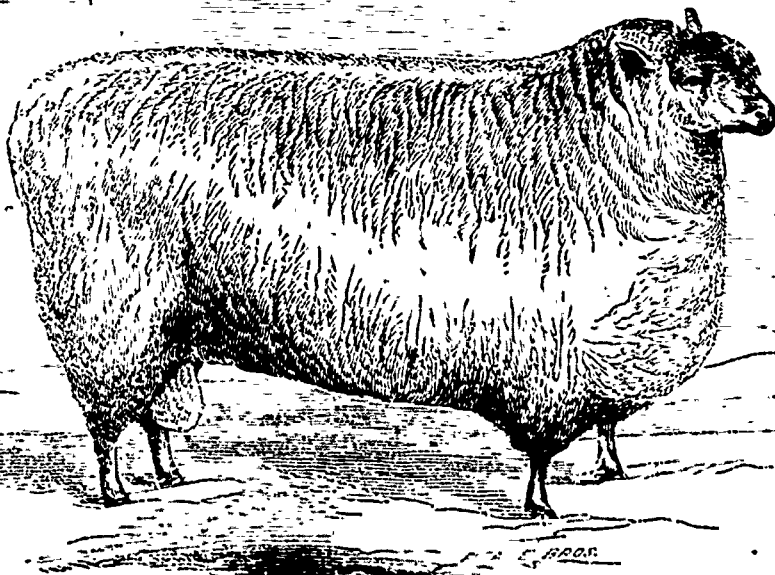
Short-horn Intelligence.

Lord Penrhyn's great sale of Bates Short-horns came off at Wicken Park, England, on the 5th May, as advertised. We find in *Bates's Weekly* a full account of the proceedings at the sale which attracted a large amount of interest throughout England. A large number of Peers and Members of Parliament were present, and nearly 500 guests sat down to the luncheon served on the grounds in a double marquee. The lots sold were as follows:—

Cows and Heifers.

- 1—Clara, calved 7th, May 1864, 1y Duke of Geneva (19614), from Cressida \$169
- 2—June, 22nd August 1864, 1y Duke of Geneva (19614), from Julia 472
- 3—Julietta, 22 February 1865, 1y Grand 3rd Duke (16182), from Junia 1y Duke of Gloster (11382) 892
- 4—Eugenie, September 1, 1866, by Economist (21669), dam (Empress) by Golden Horn (16106) 267
- 5—Jewess, November 1, 1866, by 2d Duke of Geneva (21666), dam (Julia) by Napoleon 3d (16602) 1102
- 6—Duchess of Lancaster 11th, Aug. 20, 1867, by Duke of Geneva (19614), dam (D's of Lancaster 5th) by Marmaduke (14897) 457
- 7—Waterloo 26th, Aug. 24, 1867, got by Duke of Geneva (19614), dam (Waterloo 24th) by Cherry Duke 2d (14265) 2362
- 8—Jessamine, Feb. 7, 1868, by Second Duke of Geneva (21591), dam (June) by Duke of Geneva (19614) 393
- 9—Cherry Duchess 13th, March 16, 1868, by Third Duke of Wharfedale (21619), dam (Cherry Duchess 9th) by Marmaduke (14897) 2913
- 10—Cherry Duchess 14th, Sept. 12, 1868, by Third Duke of Wharfedale (21619), dam (Cherry Duchess 10th) by Duke of Geneva (19614) 3963
- 11—Charity, Dec. 22, 1868, by 11th Grand Duke (21849), dam (Cressida) by Mac-Turk (14872) 267

- 12.—Japonica Feb. 8, 1869, by 2nd Duke of Geneva (21591), dam (June) by Duke of Geneva (19614) 577
- 13.—Duchess of Lancaster 12th, April 25th, 1869, by 11th Grand Duke (21849), dam (Duchess of Lancaster 7th) by Marmaduke (14897) 325
- 14—Cowslip 3d, May 30, 1869, by 11th Grand Duke (21849), dam (Cherry Checks) by Mac-Turk (14872) 420
- 15—Jessie, July 3, 1869, by 2nd Duke of Geneva (1601), dam (Julietta) by 3rd Grand Duke (16182) 560
- 16—Julith, July 9, 1869, by Cherry Duke (25772), dam (Jewess) by 2nd Duke of Geneva (21591) 423
- 17—Waterloo 30th, July 23, 1869, by 3rd Duke of Wharfedale (21619), dam (Waterloo 24th) by Duke of Geneva (19614) 1,625
- 18—Lynful, August 1, 1869, by Cherry Duke (25752), dam (June) by Duke of Gloster (11382) 577
- 19—Jemma, Nov. 1, 1869, by Cherry Duke (25752), dam (Julia) by Napoleon 3d (16602) 525
- 20—Jewel, June 24, 1870, by Cherry Duke (25752), dam (Jewess) by 2d Duke of Geneva (21591) 415
- 21—Wellington 5th, July 26, 1870, by Cherry Duke (25752), dam (Wellington 7th) by Duke 4th (18874) 1,365
- 22—Waterloo 33rd, July 20th, 1870, by 11th Grand Duke (21849), dam (Waterloo 25th) by Duke of Geneva (19614) 2,857
- 23—Crystal, July 16, 1871, by Third Duke of Grafton (28395), dam (Charity) by 11th Grand Duke (21849) 350
- 24—Cowslip 4th, Aug. 3, 1873, by 11th Grand



MR. SNELL'S IMPORTED COTSWOLD RAM.

- Duke (21849), dam (Cherry Checks) by Mac-Turk (14872) 603
 - 25—Waterloo 36th, Aug. 17, 1871, by 11th Grand Duke (21849), dam (Waterloo 26th) by the Duke of Geneva (19614) 1,601
 - 26—Duchess of Lancaster 13th, Sept. 14, 1871, by 11th Grand Duke (21849), dam (Duchess of Lancaster 7th) by Marmaduke (14897) 315
 - 27—Waterloo 37th, May 31, 1872, by Oxford Beau (29485), dam (Waterloo 30th) by 3rd Duke of Wharfedale (21619) 2,178
 - 28—Duchess of Lancaster 14th, July 16, 1872, by 11th Grand Duke (21849), dam (Duchess of Lancaster 11th) by Duke of Geneva (19614) & 278
 - 29—Cherry Duchess 20th, Aug. 5, 1872, by 11th Grand Duke (21849), dam (Cherry Duchess 12th) by Duke of Geneva (19614) 2,651
 - 30—Cherry Duchess 21st, Dec. 30, 1872, by 11th Grand Duke (21849), dam (Cherry Duchess 13th) by 3rd Duke of Wharfedale (21619) 1,601
 - 31—Cowslip 5th, Jan. 22, 1873, by Oxford Beau (29485), dam (Cowslip 3rd) by 11th Grand Duke (21849) 267
- Bulls.**
- 32—11th Grand Duke (21849), red, July 16, 1863, by Lord Oxford (20214), dam (Grand Duchess 8th) by Prince Imperial (15095) 420
 - 33—5th Cherry Duke (28173), red, Aug. 14, 1870, by 11th Grand Duke (21849), dam (Cherry Duchess 9th) by Marmaduke (14897) 1,443
 - 34—6th Cherry Duke, red, Jan. 16, 1871, got by 11th Grand Duke (21849), dam (Cherry Duchess 11th) by Duke of Geneva (19614) 1,916

- 35.—Duke of Oxford, March 3, 1871, by 11th Grand Duke (21849), dam (3rd Belle of Oxford) by Marmaduke (14897) 420
- 36—4th Duke of Wellington, Aug. 17, 1871, by 11th Grand Duke (21849), dam (Waterloo 25th) by Duke of Geneva (19614) 1,785
- 37—Clarendon, Aug. 25, 1871, by 11th Grand Duke (21849), dam (Clara) by Duke of Geneva (19614) 525
- 38—7th Cherry Duke, Oct. 3, 1871, by 11th Grand Duke (21849), dam (Cherry Duchess 9th) by Marmaduke (14897) 1,207
- 39—5th Duke of Grafton, April 9th, 1872, by 11th Grand Duke (21849), dam (Dowager) by Duke of Geneva (19614) 525
- 40—Stukey, July 22, 1872, by Cherry Duke (25752), dam (Sarah 2nd) by 2nd Duke of Geneva (21591) 225
- 41—Socrates, Sept. 12, 1872, by Cherry Duke (25752), dam (Sarah) by 2nd Duke of Geneva (21591) 299
- 42—January, Dec. 1, 1872, by Oxford Beau (29485), dam (Judith) by Cherry Duke (25752) 225

Summary.

31 Cows and Heifers	\$1,118 00	\$34,660
10 Bulls	\$57 00	8,573
Total of sale		\$43,233
Average of 41 Head		\$ 1,054

The sale of Col. Towneley's far-famed herd of Short-horns came off on the 1st May, as advertised, at Towneley Park, Burnley, England. The prices got were as follows:—

Cows and Heifers.

- 1—British Beauty, Dec. 22, 1858 \$420
- 2—Duchess of Lancaster 2d, January 9, 1856 546
- 3—Frederick's Pride, April, 1859 236
- 4—Cheerful, April, '62 315
- 5—Duchess of Towneley, Feb., 1864 546
- 6—Duchess of Lancaster 5, March, 1864 341
- 7—Duchess Feb., 1865 420
- 8—Butterfly's Wing, 1865 291
- 9—Lady Butterfly 2d, March, 1866 294
- 10—6th Maid of Oxford, June, 1866 4,200
- 11—Towneley Butterfly, July, 1866 1,050
- 12—Duchess of Lancaster 7th, Jan., 1867 320
- 13—Waterloo 34th, May, 1867 761
- 14—Moth's Wing, June, 1867 273
- 15—Grand Duke's Butterfly, Feb. 1868 1,312
- 16—Puff, August, 1868 325
- 17—Lady Hudson, August, 1869 236
- 18—Gipsy Gwynne, July, 1869 971
- 19—Baron Oxford's Duchess, August, 1869 920
- 20—Butterfly's Memento 2nd, August, 1870 577
- 21—Oxford Beauty, Dec., 1870 1,050
- 22—Duchess 11th, January, 1871 656
- 23—Butterfly's Memento 4th, Feb., 1871 320
- 24—Oxford's Duty, July, 1871 840
- 25—Oxford's B. Fly, Feb'y, 1872 383
- 26—Duchess 13th, January, 1872 373
- 27—Oxford Beauty 2d, July, 1872 1,312
- 28—Oxford's Memento, July, 1872 346
- 29—O. B's Justice, July, 1872 866
- 30—A. Gwynne, Sept., 1872 735
- 31—Oxford's Baroness, August, 1872 367
- 32—Towneley Butterfly 2nd, Dec., 1872 404
- 33—Butterfly's Memento, 5th, Jan., 1873 184
- 34—Duchess 14th, Jan'y, 1873 168
- 35—Butterfly's Memento 6th, March, 1873 178
- Red Calf from Lot 5 420

Bulls.

- 36—Baron Oxford, April, 1865 1,312
- 37—Kenelm Butterfly, Dec., 1870 341
- 38—Royal Baronet, April, 1872 168
- 39—Thorndale's Butterfly, Nov., 1872 184
- 40—Earl of Towneley, Jan'y, 1873 236

Summary.

35 Cows at av. \$656 25	\$22,968 75
5 Bulls " " 448 35	2,241 75
Total for 40 Head	\$25,210 50