

The Cod Fisheries of Norway.

The following tabulated report of the production of cod-liver oil and livers for industrial oils from 1888-1896 has been compiled from official reports by Joh. Rye Holmboe, cod-liver oil exporter, Tromsøe, Norway, and will be found interesting as affecting the prices in these oils.

A. CATCH OF CODFISH — IN THOUSANDS.

District.	1888	1889	1890	1891	1892	1893	1894	1895	Average 1888-95.	1896
Lofoten.....	28300	18000	30000	21000	16250	27000	28300	38600	25919	18000
Vesteraalen & south. dists.	21775	18129	19654	11368	21394	26143	22527	17926	19865	15336
Finmarken.....	8686	21300	13652	11868	20000	15776	13499	9057	14230	16371
	58761	57429	63306	44236	57644	68919	64226	66583	60014	49707

B. PRODUCTION OF COD-LIVER OIL — IN HECTOLITERS.

The above figures represent crude oil. 100 hectoliter crude will give from 70 to 75 barrels refined oil.

District.	1888	1889	1890	1891	1892	1893	1894	1895	Average 1888-95.	1896
Lofoten.....	16100	12900	16700	18200	8100	18600	12300	12300	14400	8850
Vesteraalen & south. dists.	12427	8019	11707	7115	10320	13200	6758	4261	9226	5219
Finmarken.....		4267	1400	772	3899	2076	4168	2831	2723	9625
	28527	25186	29807	26087	22319	33876	23226	19392	26349	23694

C. YIELD OF LIVERS FOR OTHER OILS — IN HECTOLITERS.

100 hectoliters raw livers give about 40 barrels oil (about one-third each of raw medicinal, light and light brown) and 10 barrels boiled (black) tanner's oil (bruntran).

District.	1888	1889	1890	1891	1892	1893	1894	1895	Average 1888-95.	1896
Lofoten.....	38000	23500	58500	22700	23000	31500	14000	11000	27778	3450
Vesteraalen & south. dists.	23557	41213	39098	21272	39981	50436	21273	8710	30693	7826
Finmarken.....	20293	58925	38104	29172	54148	35044	15600	3400	36211	8021
	81850	123638	135702	73144	117129	116980	50873	23110	94682	9297

As will be seen from the above, the production of cod-liver oil this year, stimulated by the high prices in March and April, exceeds that of last year, and approaches the average of the preceding eight years.

These figures, however, should be considered in connection with the following facts:

- (1) That the exceptionally small production of raw medicinal oil (see table C) necessarily opens for cod-liver oil several continental markets which have hitherto stuck to raw oil.
- (2) That stocks of cod-liver oil at the commencement of 1895 were practically cleared, which shows that the world's consumption has been able to do away with 57,000 hectol. in the two years 1893-94, whilst 1895-96 have only produced 43,000 hectol.

As far as can be ascertained, all stocks in Norway are now on the hands of exporting houses, who will do their best to avoid severe losses on their Lofoten stocks.

A brisker demand has manifested itself lately, and the general prospects for the autumn campaign are for a livelier market with somewhat higher prices.

Tromsøe, July 31st, 1896.

JOH. RYE HOLMBOE.

Spanish Prescriptions.

By GEORGE FOY, F.R.C.S., Surgeon to the Whitworth Hospital, Drumcondra.

PHARYNGEAL SPRAY.

Iodine.....	25 centigrms.
Carbolic acid.....	25 "
Potassium iodide.....	25 "
Glycerine.....	5 grms.
Distilled water.....	30 "

Mix.

To be sprayed on the inflamed tissues occasionally.—*El Eco del Consultorio*

MOUTH WASH.

Saccharine.....	1 grm.
Soda bicarbonate.....	1 "
Salicylic acid.....	4 grms.
Alcohol.....	200 "

Make a solution.

A few drops in water to be used as a gargle.

ANODYNE OINTMENT.

Hydrochlorate of cocaine.....	30 centigrms.
Eucalyptol.....	20 drops.
Lanoline.....	30 grms.

Make an ointment.

Recommended for a nose pigment in hay fever and before minor operations in the nose.

NASAL OINTMENT.

Eucalyptol.....	1 to 4 grms.
Lanoline.....	30 grms.

Mix.

A useful application in *rinitis sicca*.

SYRUP OF EUCALYPTUS.

Dried leaves of eucalyptus.....	30 grms.
Water.....	690 "
Loaf sugar.....	1,240 "

Make an infusion; strain it through serge with slight pressure; allow the sediment to subside; add the sugar and dissolve by heat of a water-bath.

SYRUP OF RHATANY.

Extract of rhatany.....	12 grms.
Water.....	115 "
Loaf sugar.....	220 "

Dissolve the extract in water; filter the liquid; add the sugar, and make the syrup without heat.

SYRUP OF COMFREY.

Prepared from the root of the comfrey in the same way as syrup of marshmallow.

SYRUP OF COLTSFOOT.

Prepared with the dried leaves of the plant.

SYRUP OF RASPBERRIES.

White sugar.....	1,000 grms.
Raspberries.....	520 "
Water.....	345 "

Dissolve the sugar in the water with a gentle heat; add the raspberries; and after a slight simmer strain, without pressure, through serge.

Syrup of strawberry is prepared in the same way.

SYRUP OF GUM.

White gum arabic.....	90 grms.
Water.....	90 "
Simple syrup.....	600 "

Dissolve the gum in water; strain through serge; mix with boiling syrup.

SYRUP OF CINCHONA.

Cinchona loza in powder.....	115 grms.
White wine.....	1,035 "
Alcohol, 90 per cent.....	85 "
Loaf sugar.....	1,550 "

Macerate the quinine for 24 hours in the mixture of wine and alcohol; filter; add the sugar, and dissolve without heat.

Syrups of gooseberry, lemon, quince, mulberry, and pomegranate are prepared with juice of the fruit as verjuice syrup.

Syrup of the blue violet, syrup of heartsease, syrup of ground ivy, and syrup of sarsaparilla, all find a place in the *Pharmacopœia*.—*Translated for The Medical Press and Circular.—British and Colonial Druggist.*

The Chemists' Exhibition, organized by the *British and Colonial Druggist*, opened on Monday, August 24th, in the National Skating Palace, London, Eng., and was, we are informed, a decided success, both in the number and variety of exhibits and the attendance of pharmacists from all over the country. It is intended to make it a permanent annual exhibition, and its promoters are to be congratulated on the idea of its conception and the success which has attended their efforts.