Index 6.a.

Major Subject Heading(s)	Minor Subject Heading(s)	CAS Registry / EC Numbers
Animals, Laboratory Chickens Dietary **Proteins** Swine Find other articles with similar Subjects.	Amino Acids [analysis] Castration Crustacea Fish Products Nutritive Value	0 (Amino Acids) 0 (Dietary **Proteins**)

Indexing Check Tags: Animal; Male

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[Ein Beitrag zur Bewertung des **Proteins** in Krillmehl und Luzernemehlextrakt.]

Arch Tierernahr 1978 Oct;28(10):641-6 (ISSN: 0003-942X)

Scholz K; Pfeffer E [Find other articles with these Authors]

In a feed test with rats lucerne meal extract and **crill** meal were used as **protein** sources in order to test their quality in comparison to casein. On the basis of the applied criteria, feed conversion, **protein** efficiency ratio productive **protein** value and efficiency of the gross energy we can conclude that lucerne meal extract alone is unsuitable to cover the **protein** requirement of growing rats. Lucerne meal extract can be supplied particularly on a higher **protein** level if casein is given in addition. **Crill** meal as **protein** source proves to be superior to casein concerning feed conversion and inferior concerning **protein** accumulation. In this case, complementary doses of casein did not lead to better results.

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J Sci Food Agric 1970 Jun;21(6):293-6 (ISSN: 0022-5142)

Sidhu GS; Montgomery WA; Holloway GL; Johnson AR; Walker DM [Find other articles with these Authors]

Major Subject Heading(s)	Minor Subject Heading(s)
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Language: English
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[Freie und gesamte Aminosauren im Muskelfleisch vom Weissblutfisch (Champsocephalus gunnari Lonnberg) und vom **Krill** (Euphausia superba Dana).]

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Z Ernahrungswiss Suppl 1981 Sep;20(3):163-71 (ISSN: 0084-5337)

Partmann W [Find other articles with this Author]

In the muscle tissue of sea-frozen ice fish (Champsocephalus gunnari Lonnberg) and of **krill** (Euphausia superba Dana) the amino-acid composition, the free amino acids and some other compounds interesting from a physiological point of view were determined. The low contents in labile energy-rich phosphate and nicotinamide adenine dinucleotide in ice fish suggest that the glycolytic processes were nearly completed already after freezing on sea and that they had been of only moderate significance for the metabolism, as was demonstrated also by findings on the pattern of the free amino acids and related compounds. The composition of the amino acids of the edible parts of ice fish largely corresponded to other fish. The amino acid composition of the abdominal muscle tissue of **krill** and of other crustaceans was comparable as well. The shares particularly of essential amino acids in ice fish and **krill** fulfilled the requirements of a **protein** of high biological value.

Major Subject Heading(s)	Minor Subject Heading(s)	CAS Registry / EC Numbers
Amino Acids [analysis] Fishes [metabolism] Muscles [analysis] Find other articles with similar Subjects.	Crustacea Freezing Meat Species Specificity	0 (Amino Acids)

Indexing Check Tags: Animal; Comparative Study

Language: German
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Journal Code: M

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[Wpływ odzywiania krylem na organizmy zwierzece.]

Czas Stomatol 1981 Feb;34(2):155-8 (ISSN: 0011-4553)

Mroz K [Find other articles with this Author]