

CARLOW

Steiger, R., & Von Knorring, O., (1974) "A lithium
pegmatite belt in Ireland," J. Earth Sci.
(Leeds), 8, [3], 433-443.

$\frac{1}{4}$ in 3.

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ACH(LARE (HOUSE), Carlow, Ireland.

P. O'Donoghue & J. C. Brindley, Gems (1972) 4 [4] 2-6.

Spodumene, great bladed xls as large as cricket bats in the pegmatites at Achlure House in Carlow - the biggest Li deposit in W. Europe. ~~ACHLURE~~

S & Von K (1974) ACLARE. Extensive peg. area - numerous boulders & drill cores studied
Spodumene laths to $25 \times 8 \times 2$ cm; variable
amts microcline; albite; quartz; muscovite;
minute manganif garnets; small cavities

in fine-grained albitic zone have platy
bertrandite, albite, quartz & kaolinite xls.

The spod. usually fresh; white, grey or grey-green. Greenish ψ morphs "killinite" sometimes seen. In spod. rich zones: - columbite-tantalite, ~ 1 mm black, platy; cassit., dark brown grains; manganif. apatite, blueish; lithiophilite; spessartine; beryl, irreg. resinous, class to $\sim$ pale greenish, looking like the quartz; some tourmaline; pyrite.

At least 3 pegs in a WNW-ESE area $\sim 2.5 \times 1 \times 0.6$ km. - 3 dense clusters of boulders along NE-SW.

BALLYELLIN, Carlow, Ireland.

BM: Lepidomelane. (= Ferrian biotite)

BURRIS, Carlow, Ireland.

TMH (1868) Mica, in granite.

1/2" Map. BORRIS. - Just SW of the Li-peg. belt.

S. & VonK (1974) Maps show Li-pegmatites
from 2 ml NW of Borris to the NW
for ~ 20 ml.

CARLOW, Carlow, Ireland.

Lud: ~~Spt~~ Sceptre-quartz - beautiful clear, delicate smoky
from Leinster Granite near Carlow

MM (1868) Rock xl in Carb Lim.

MOUNT LEINSTER, Carlow, Ireland.

TMH (1868) granite: Calcite; margarodite; talcite.

P. O'Donoghue & J.C. Brindley, Gems (1972) 4 [4] 2-6.

Andalusite flesh-pink square prisms
in massive segregs of a hundredweight
or more, in many places, espec. stone walls,
W of Mount Leinster [ie. near or in
Li-pegmatite belt] [See SE SKINNAMADRA]

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RATHMAGEREAGH, Carlow, Ireland.

~ 2 ml NE of SESKINNAMADRA [q.v.]

S. & Von K. (1974) Spodumene, "attractive
purplish-pink" in mainly albitic
rock w. some microcline, quartz,
small amts muscovite. Accessory
manganif apatite, garnet, cassiterite,
columbite-tantalite

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SESKINNAMADRA, Carlow, Ireland.

S. & Von K (1974). Many peg. boulders in the area with spodumene commonly fibrous, laths (often bent), pinkish — in some specimens glassy pink (var. "kunzite"). Also albite-microcline-quartz pegs. w. dissem. spodumene.

Secondary phosphates (usually replacements of all-but-completely replaced lithiophilite or other Mn-Fe phosphates) for instance blue metastrenigite [phosphosiderite], a yellow alt. prod. "similar in structure to the rare salmonsite, but perhaps different in

composition." Also cassiterite; columbite-tantalite; manganif. apatite; spessartine.

Schists forming TOMDUFF HILL (1315') & SHIEVEBAWN intensely injected w. aplitic veins w. narrow cores of "spodumene-bearing pegmatitic minerals". In same area abundant quartz-andalusite segregation veins w. massive andalusite aggregates to 30 cm diam.