

**THE IRISH HIGH CROSS:  
WHY BUILD ONE?**

Volume 2 of 3  
**Illustrations & Maps**

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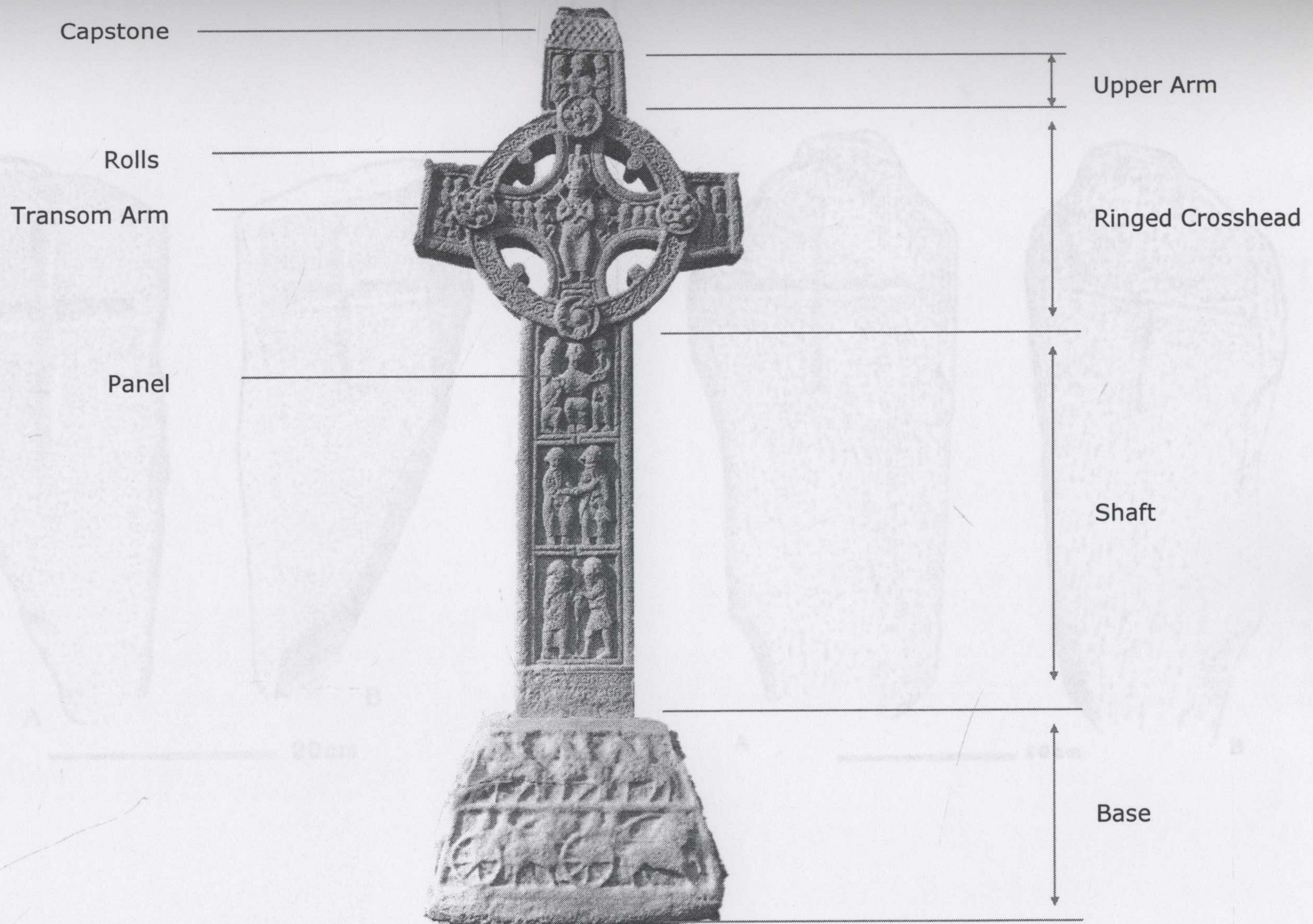
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- Fig. 238 Martyrium, plan, Nyssa (Baldwin-Smith 1971, Fig 27)
- Fig. 239 Mount Athos, Lavra monastery, plan of the Katholikon, late tenth century (Ousterhout 1998, Fig. 4.28)
- Fig. 240 Holy Sepulchre, Paderborn (Kauthiemer 1965, a)
- Fig. 241 St. Michael, Fulda (Kauthiemer 1965, a)
- Fig. 242 Hagia Sofia, interior view facing east, Istanbul (Durand 1999:22)

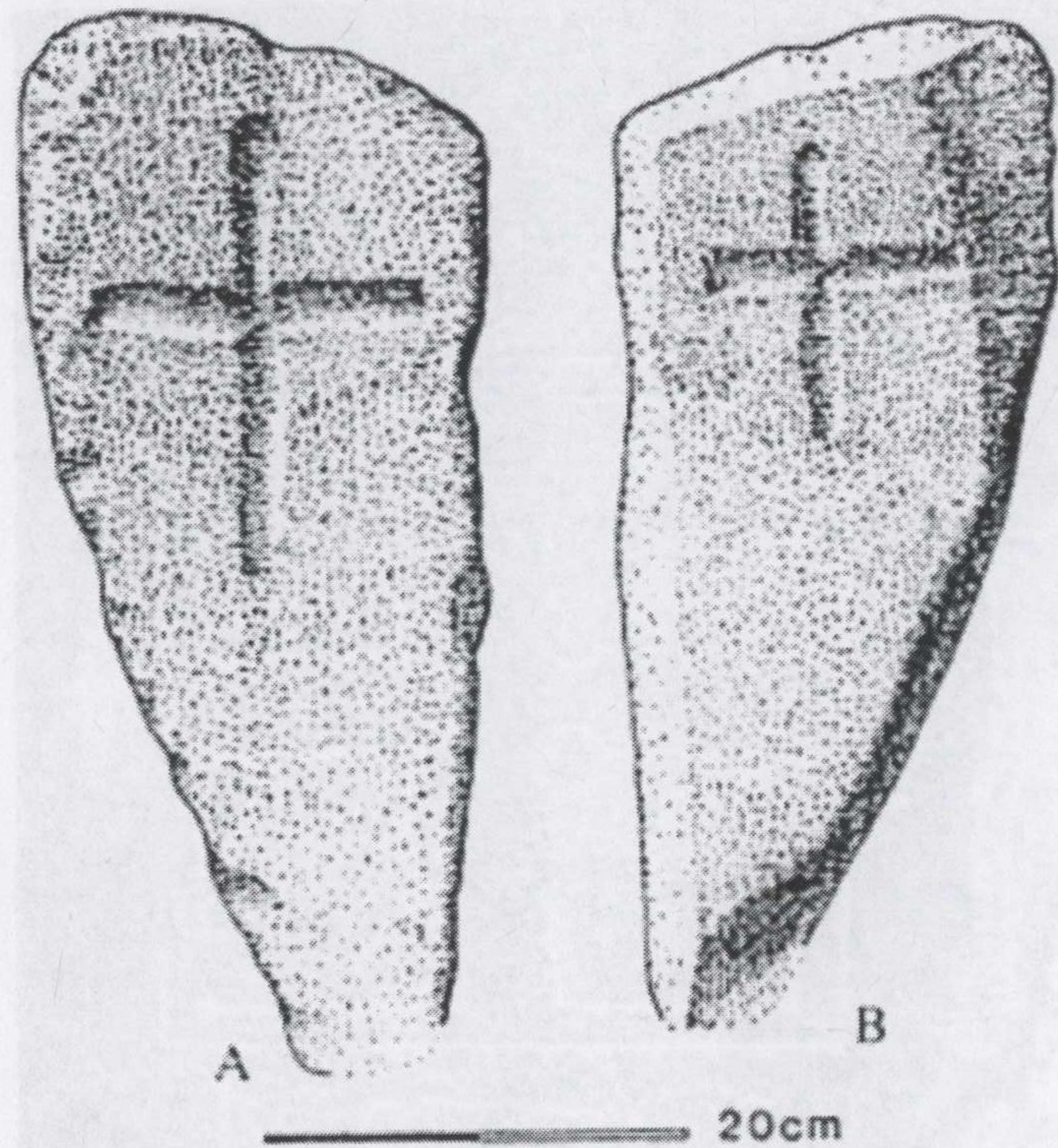
- Fig. 243 Six Cross-in-square plans from Bulgaria (Ousterhout 1998, Fig. 4.16)
- Fig. 244 Santa Maria dell'Amiraglio (the Matrona), Palermo, 1143-51, View into the dome (Mathews 1988, Fig. 82)
- Fig. 245 Bethlehem, Church of the Nativity, mosaic panel on the south steps (Kitzinger 1993b, Fig. 3)
- Fig. 246 Bethlehem, Church of the Nativity, mosaic panel on the north steps (Kitzinger 1993b, Fig. 4)
- Fig. 247 Cross Construction: The cross-in-square plan
- Fig. 248 Church of Jacob's Well, Shechem-Neapolis; Arculf's description of the plan. The well, covered by a high roof, is located at the point of transection of the arms of the cross ( Meehan 1958, figure opposite title page)
- Fig. 249 The Alnwick Stone (Bailey 1990, Figs 48 a and b) and Cross-slab at Ardamore, Chorca Dhuibhne ( Kilbride Jones 1986, Illus. 2)
- Fig. 250 Decorated Quern Stone ( Power 1940, Plate V)
- Fig. 251 Similar shapes in different media
- Fig. 252 *Crux Gemmata* from Ireland and Armenia
- Fig. 253 Adapted transmission model of communication (based on Shannon and Weaver 1949)
- Fig. 254 After Lévi-Strauss (1983: 125). Lévi-Strauss's graph applying his *canonical formula* to tribal masks.
- Fig. 255 After Lévi-Strauss (1983: 125). Relationship between standing stones.

FIG 1



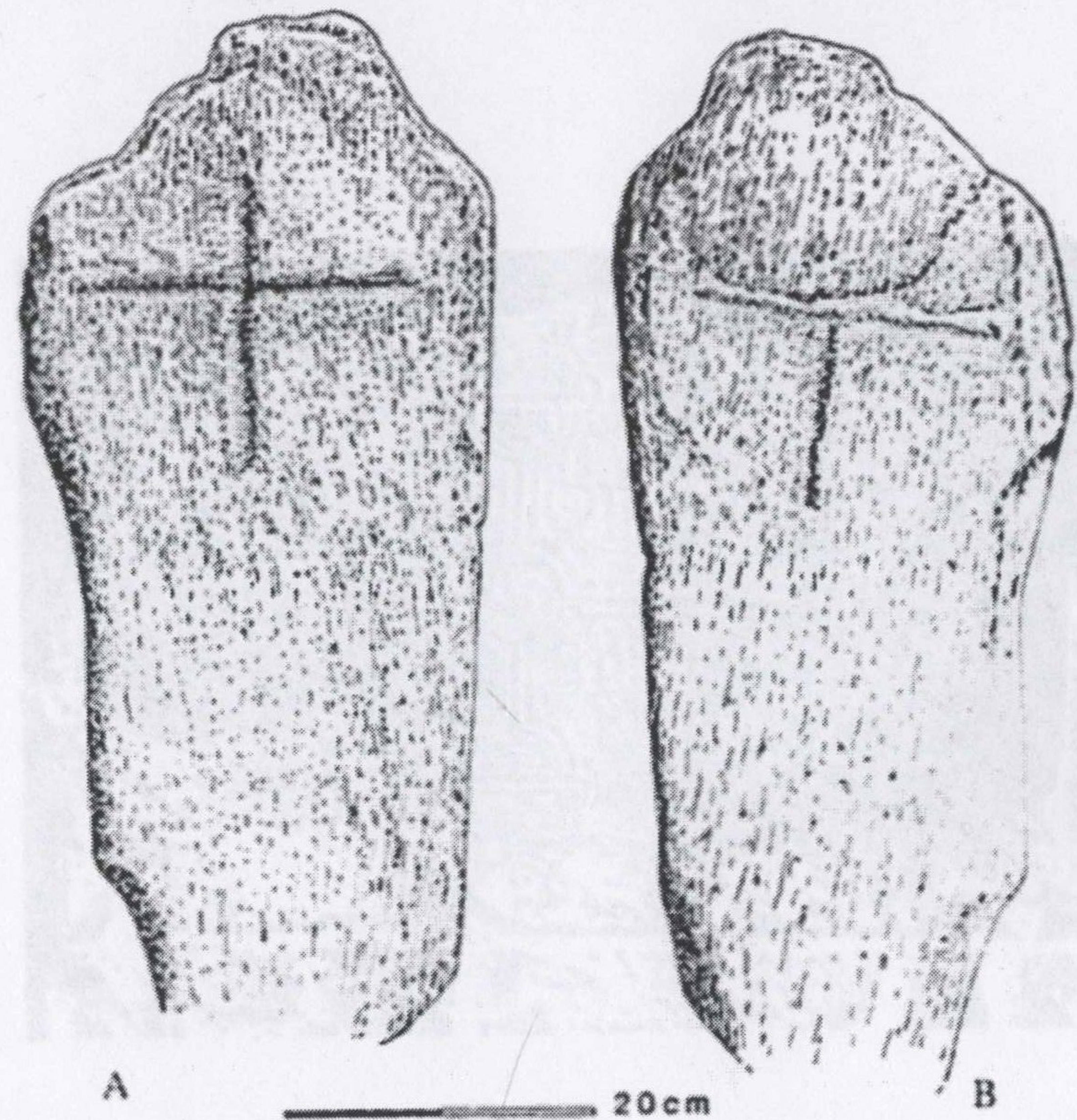
**Glossary of Terms:** Cross of the Scriptures, Clonmacnois, Co. Offaly, East Face ( Harbison 1992, Fig. 132, Cat. 54)

FIG 2



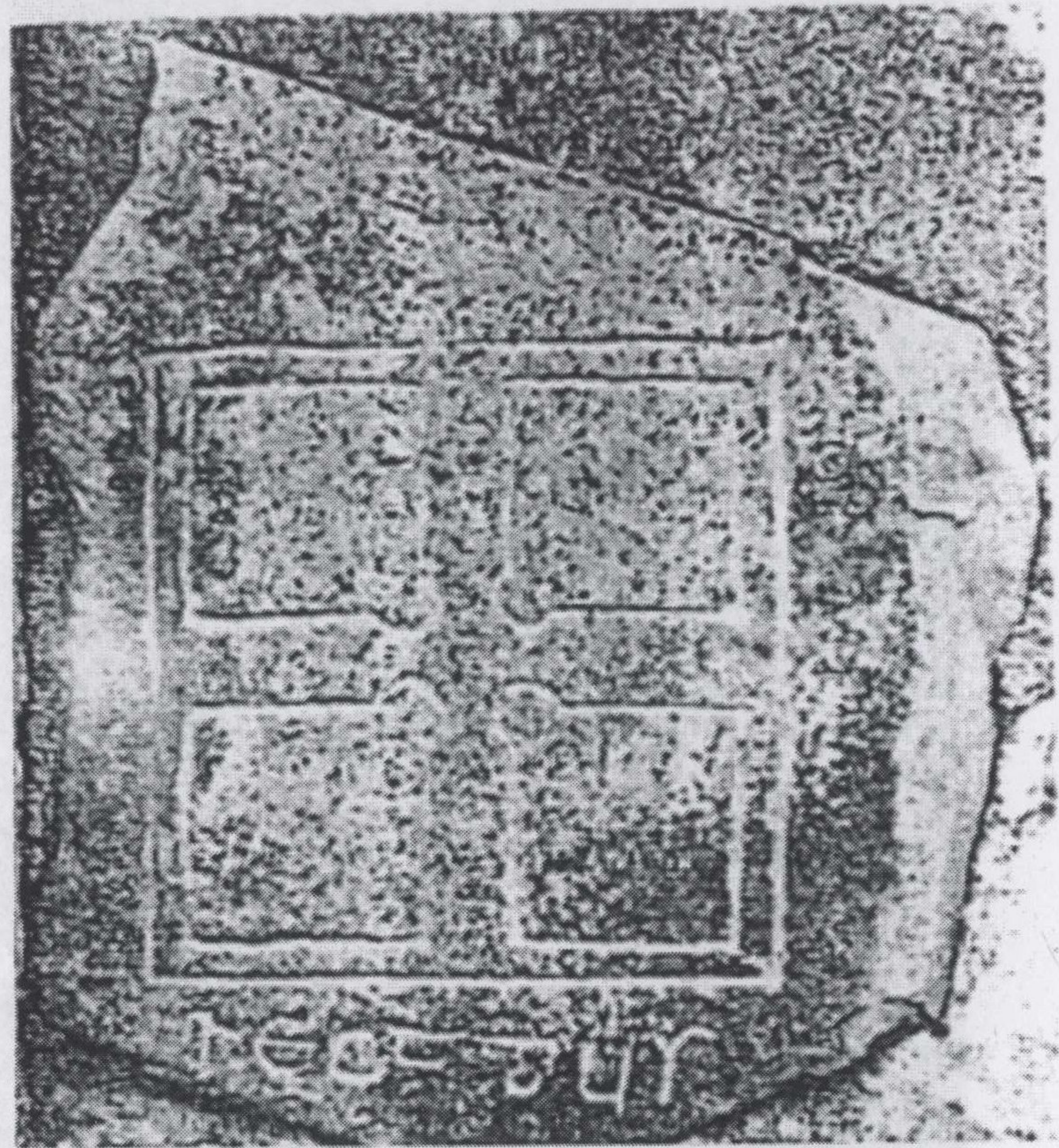
Cross-slab No. 3, Rathlin O'Birne (Herity 1995, Fig 24 -3)

FIG 3



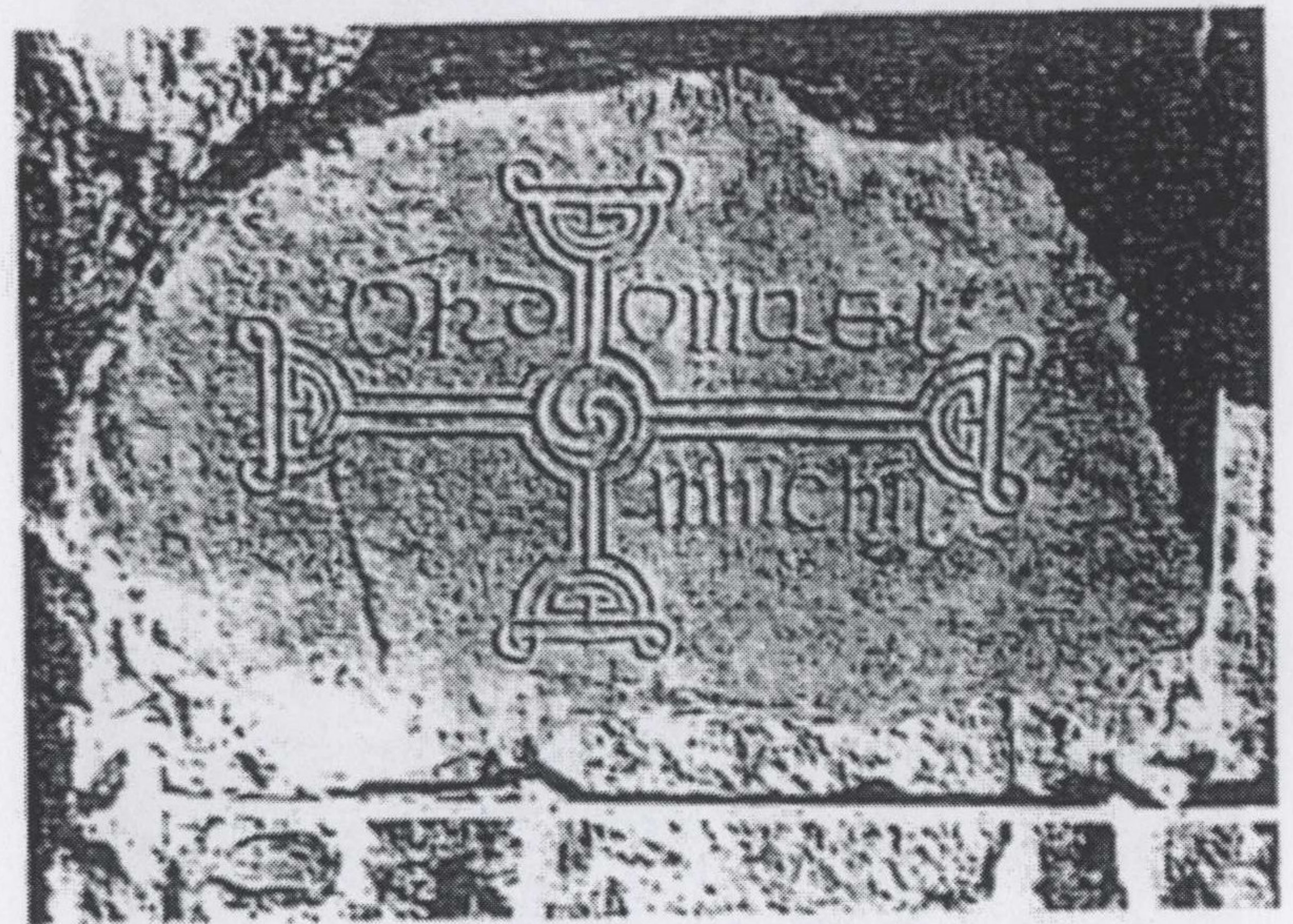
Cross-slab No. 4, Rathlin O'Birne (Herity 1995, Fig 24 -4)

FIG 4



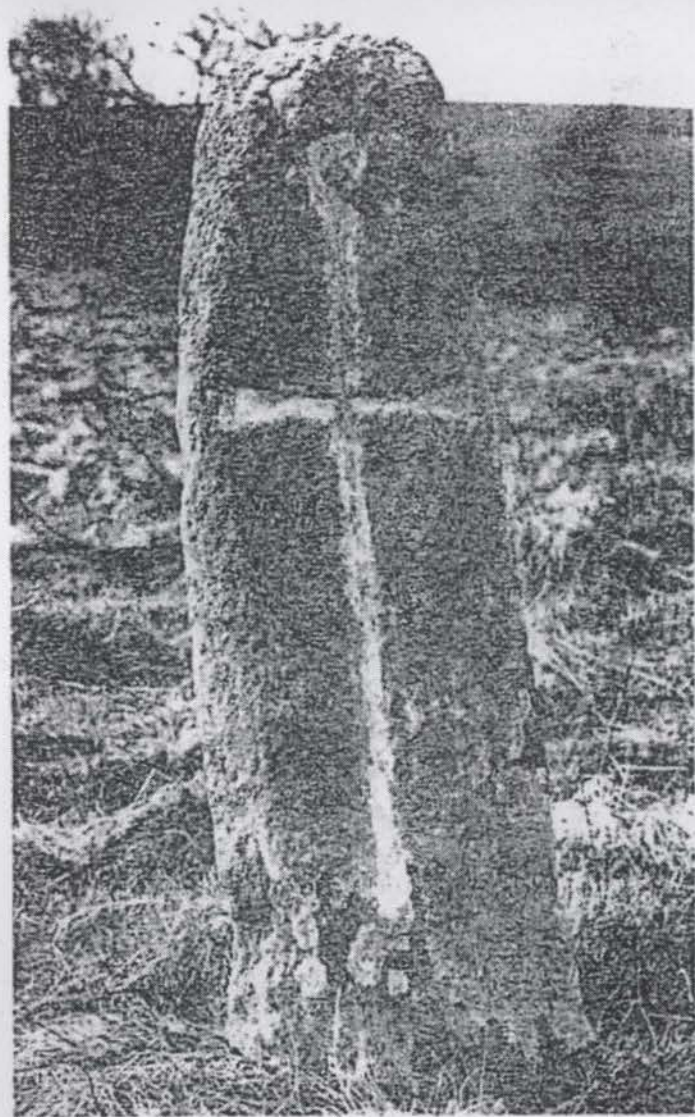
Recumbent grave slab (Edward 1985, Fig C) (Hamlin 1940, Fig 17.2a)

FIG 5



Recumbent grave slab (Edward 1985, Fig D) (O'Sullivan 1998, PL. 67)

**FIG 6**



Cross-inscribed pillar stone, Turralskin, Co. Antrim **(Hamlin 1982b, Fig 17.2a)**

**FIG 7**



Stone cross at Coarha Beg (939), Iveragh Peninsula **(O'Sullivan 1996, PL. 67)**

FIG 8



Upright slab from Inishkeel, East Face (**Harbison 1986, PL 4.14a**)

FIG 9



Drumhallagh slab, West Face (**Harbison 1986, PL 4.13b**)  
(Harbison 1992, Cat. 100, Fig. 276)

FIG 10



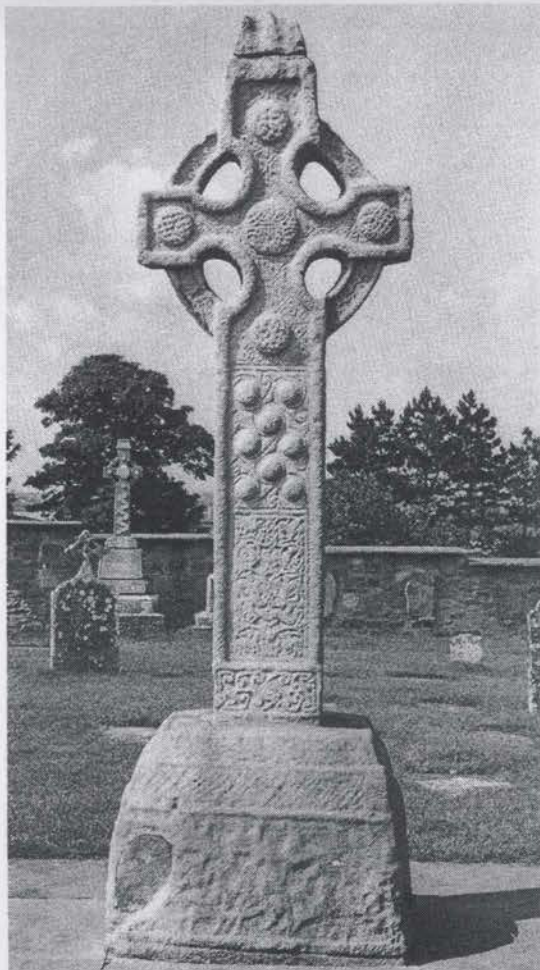
Fahan Mura, Co. Donegal, Cross-decorated slab. East Face  
(Harbison 1992, Cat. 100, Fig. 276)

FIG 11



Fahan Mura, Co. Donegal, Cross-decorated slab. West Face  
(Harbison 1992, Cat. 100, Fig. 276)

FIG 12



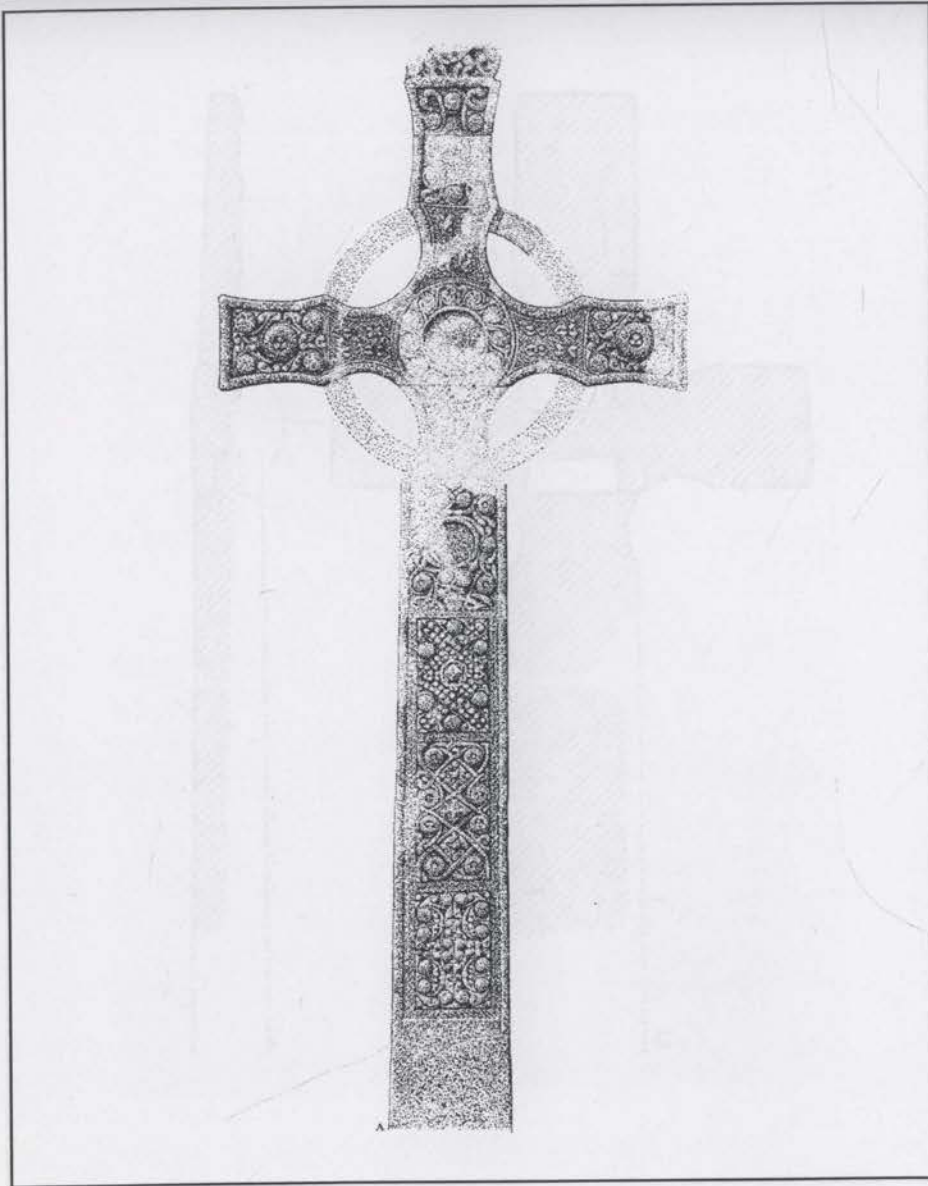
Proposed evolutionary model over time

Ahenny, North Cross, Co. Tipperary, East Face (**Harbison 1992, Cat. 6, Fig. 7**)

Clonmacnois South Cross, Co. Offaly, East Face (**Harbison 1992, Fig. 150, Cat. 56**)

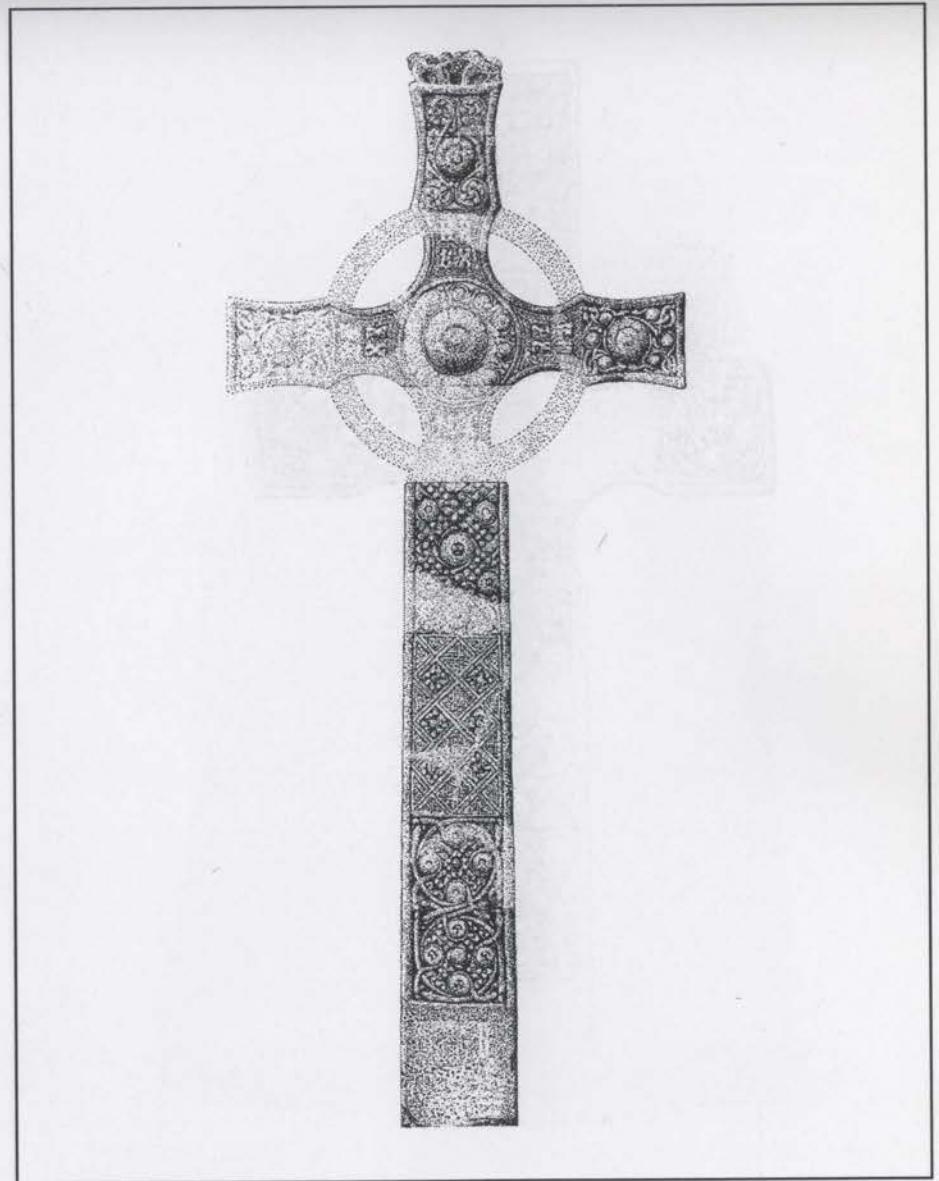
Cross of the Scriptures, Clonmacnois, Co. Offaly, East Face (**Harbison 1992, Fig. 132, Cat. 54**)

FIG 13



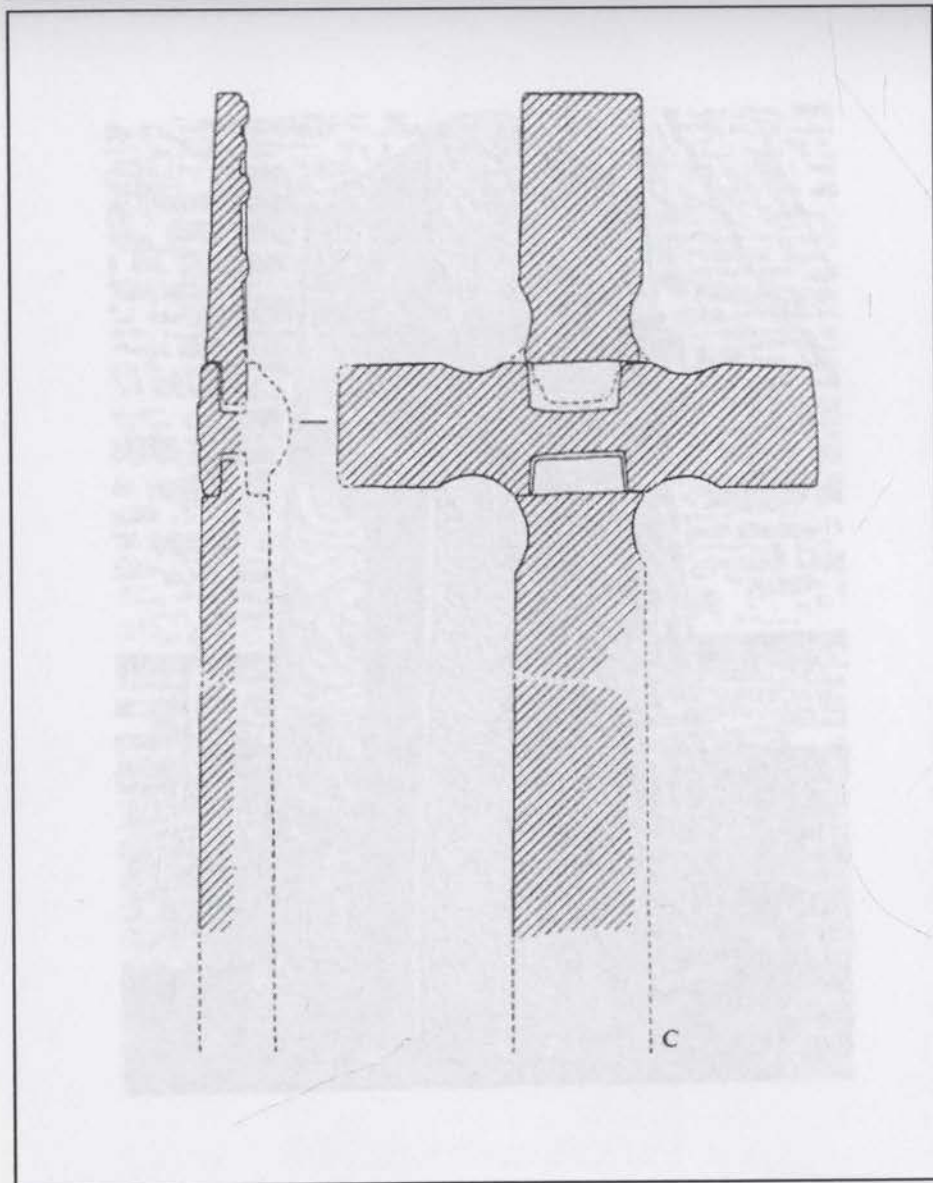
St. John's Cross, Iona. West Face (RCAHMS 1982: No. 6, 82)

FIG 14



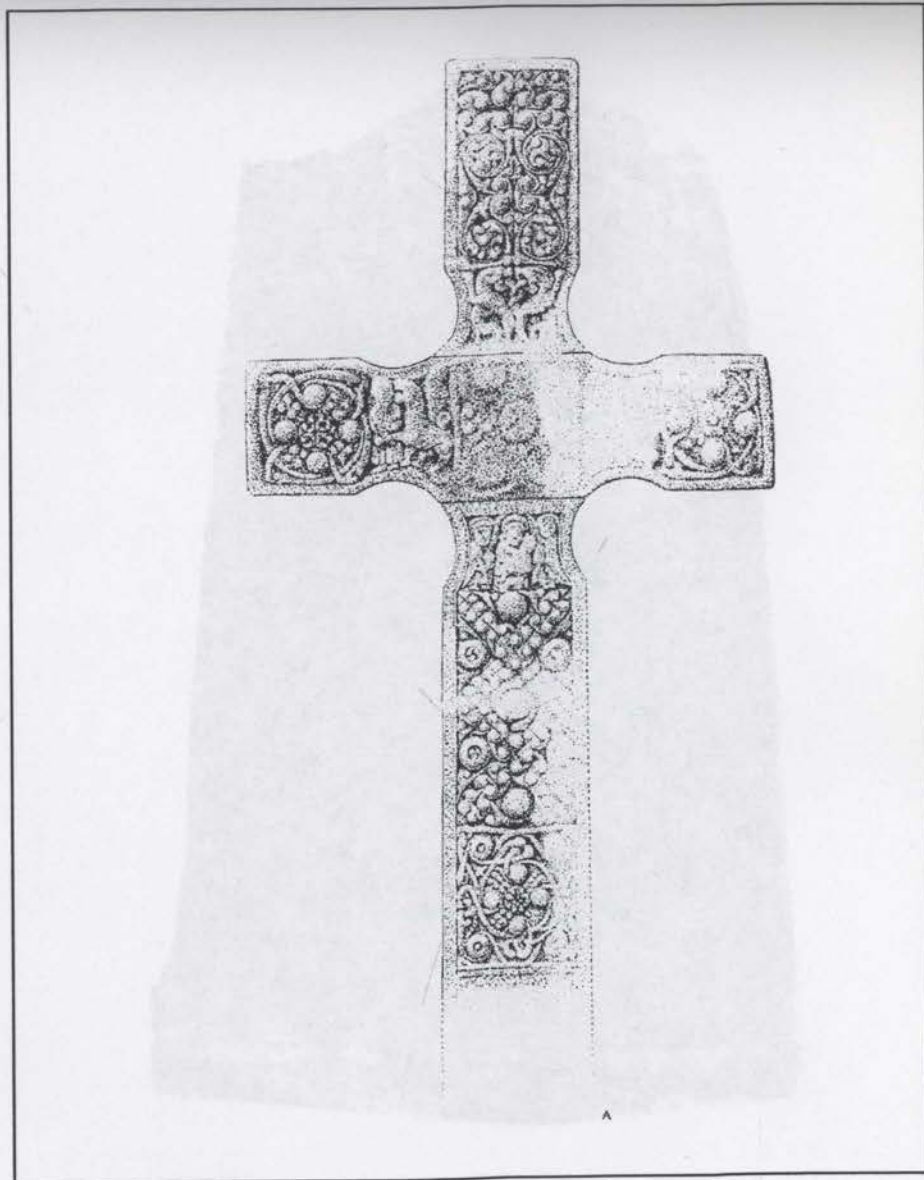
St. John's Cross, Iona. East Face (RCAH MS 1982: No. 6, 82)

FIG 15



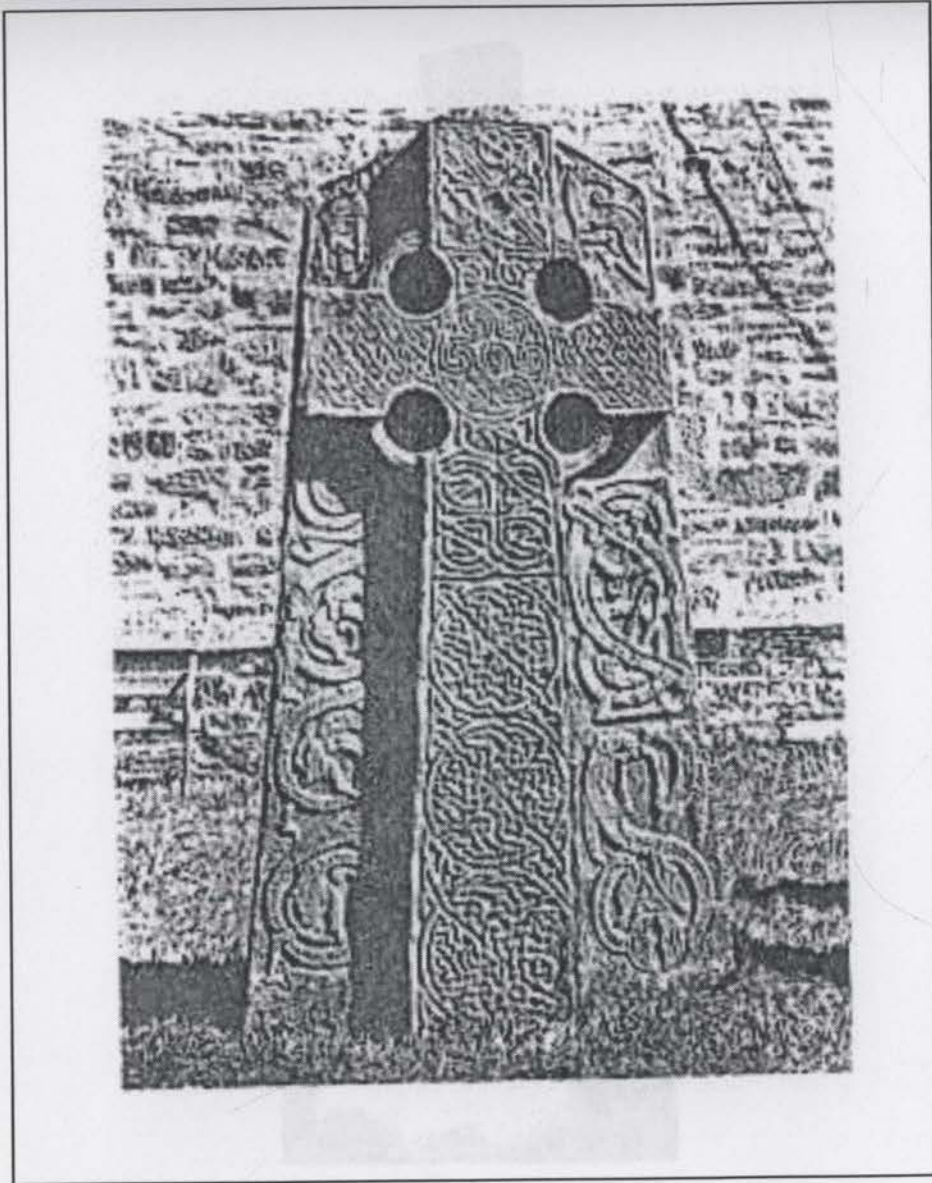
Reconstruction St. Orans Cross, Iona. Front. (RCAHMS 1982, No. 6, c, 80)

FIG 16



St. Orans Cross, Iona. Front. (RCAHMS 1982, No. 6, a, 80)

FIG 17



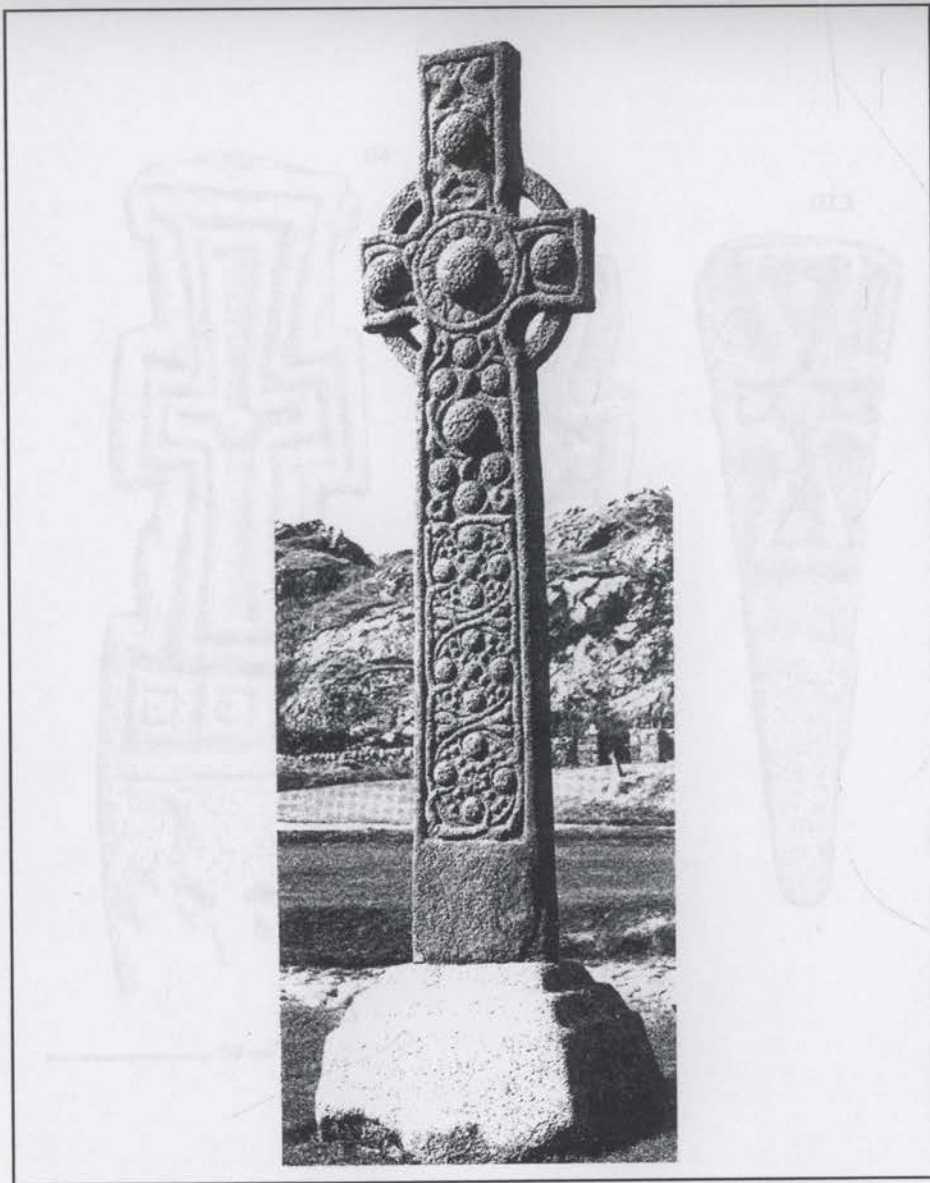
Aberlemno Cross-slab, Angus (Henderson 1982, Pl. IVa)

FIG 18



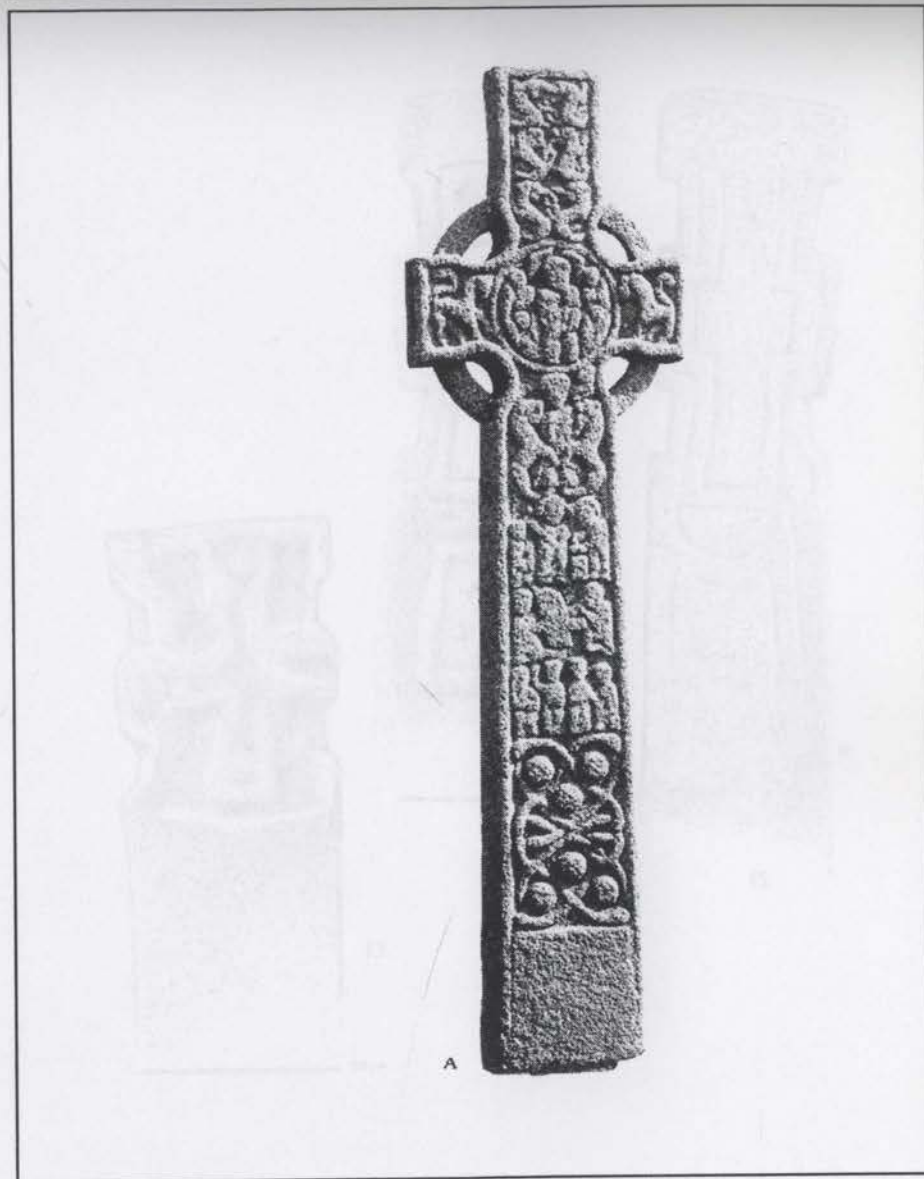
Glamis 2 (Jackson 1984: 52)

FIG 19



St. Martin's Cross, East Face (RCAHMS 1982, No. 6, 82)

FIG 20



St. Martin's Cross, West Face (RCAHMS 1982, No. 6, 83)

FIG 21

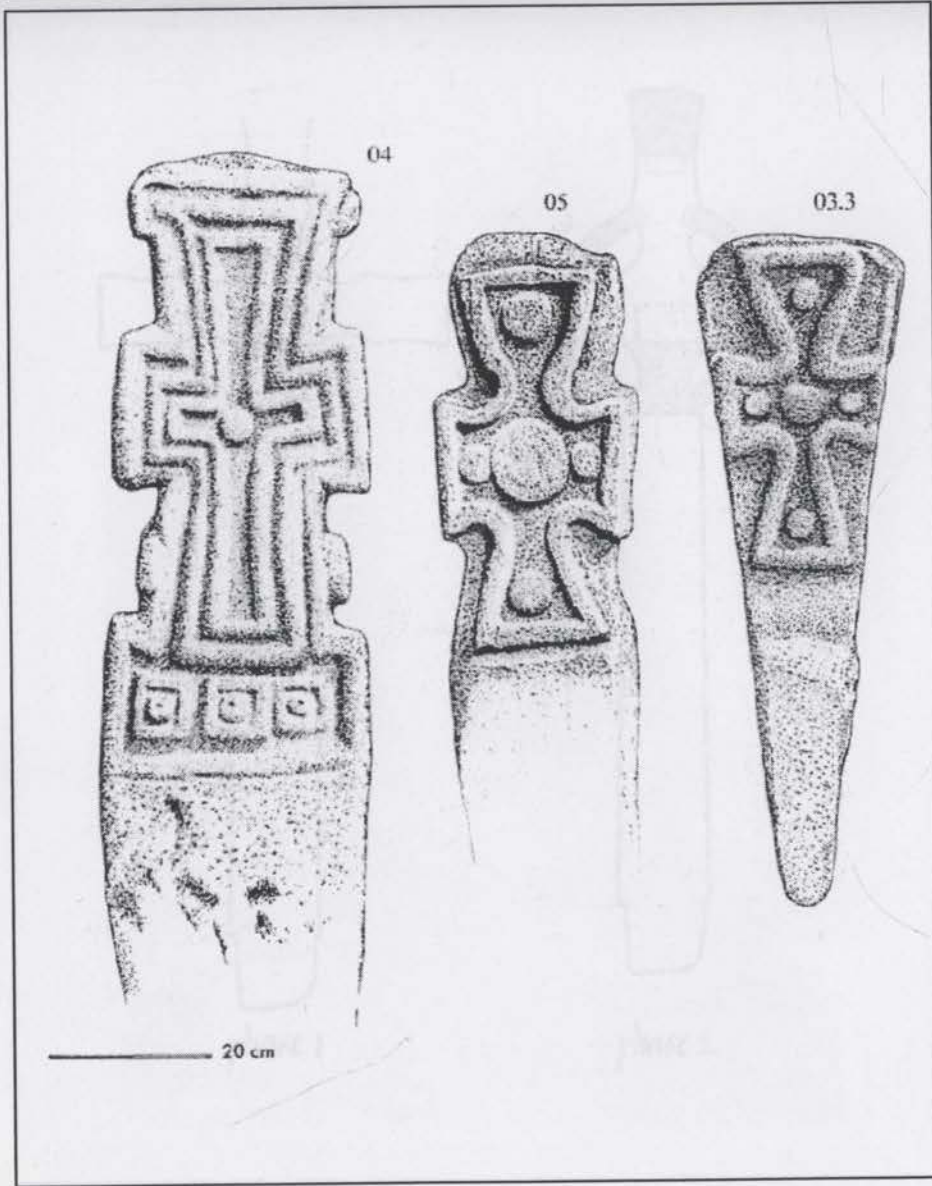
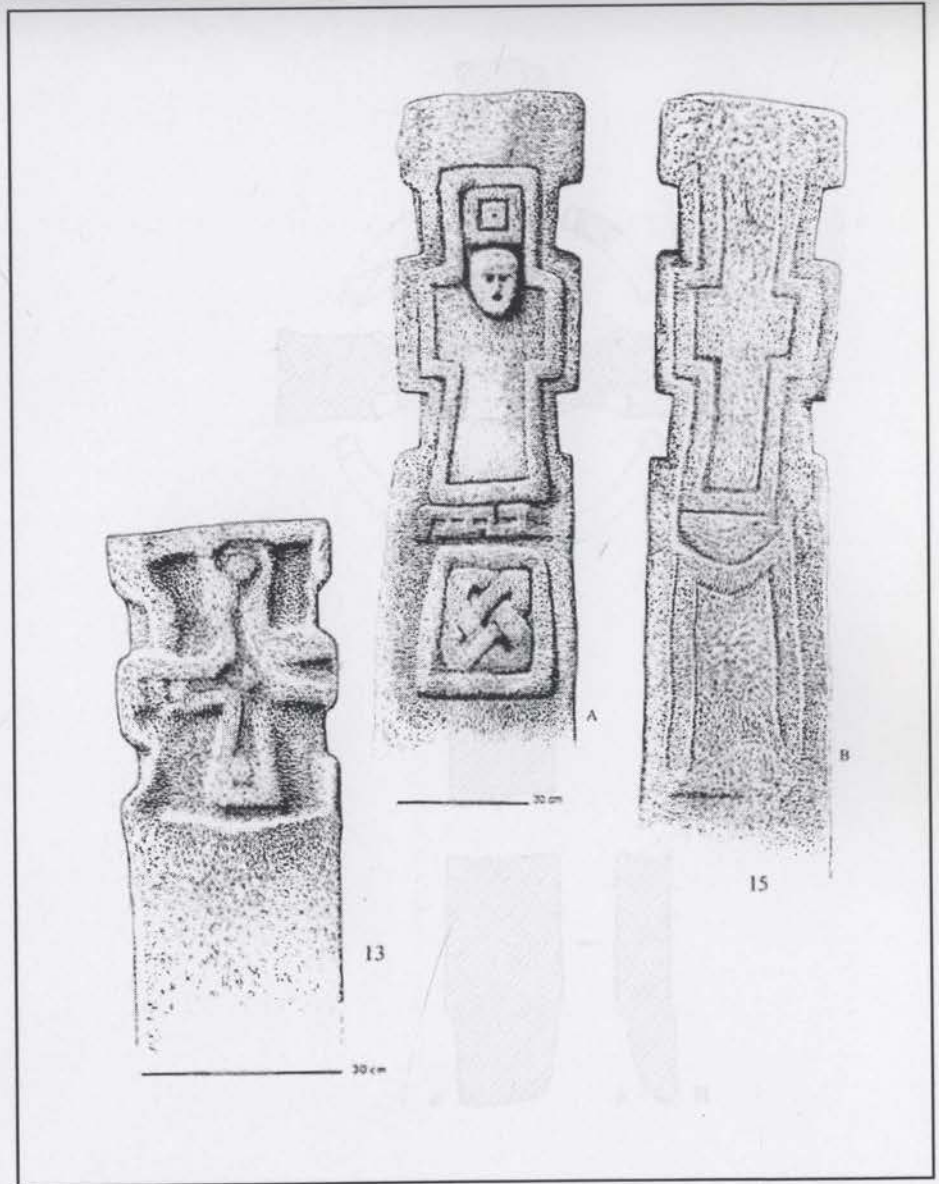


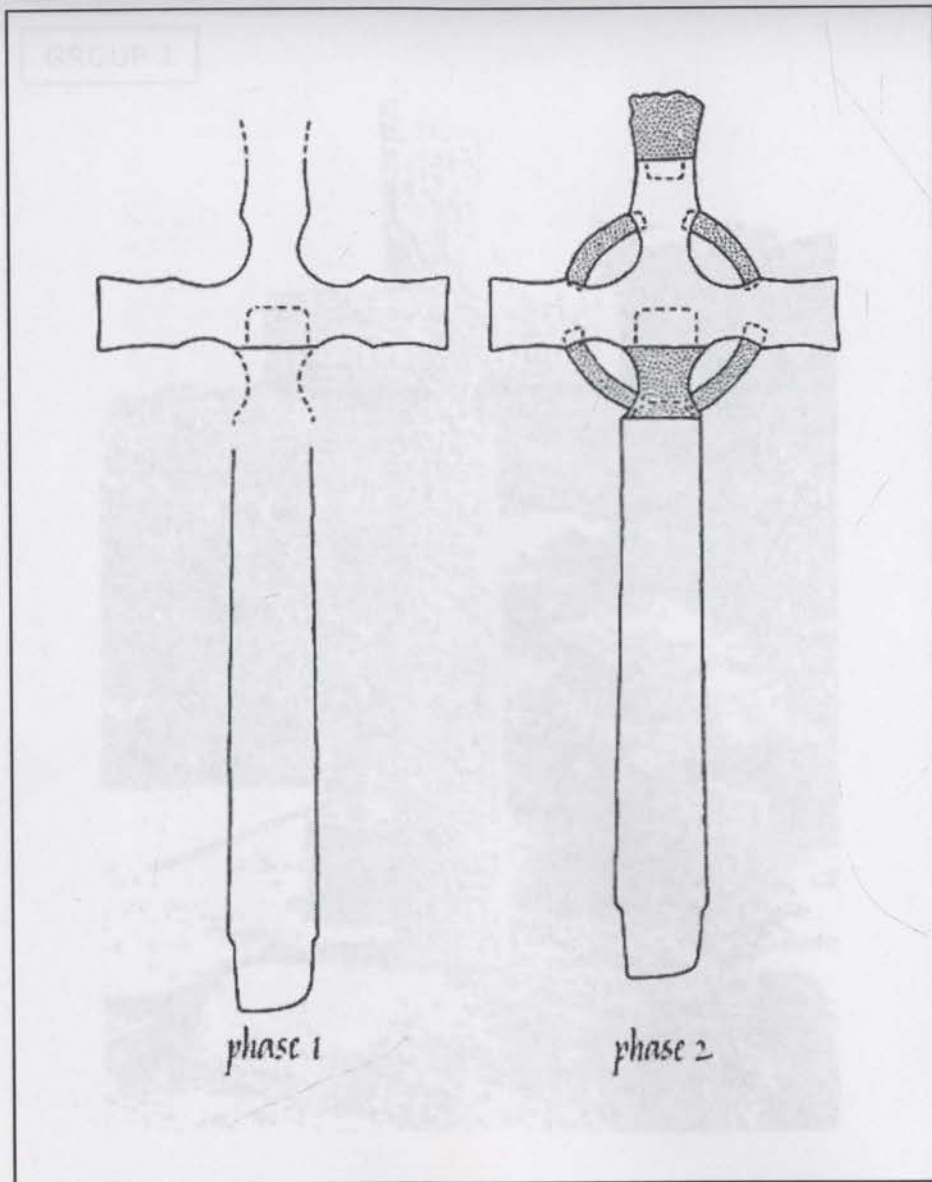
FIG 22



Cross-slabs, Caher Island, 04,05,03.3 (Herity 1995, Fig 29)

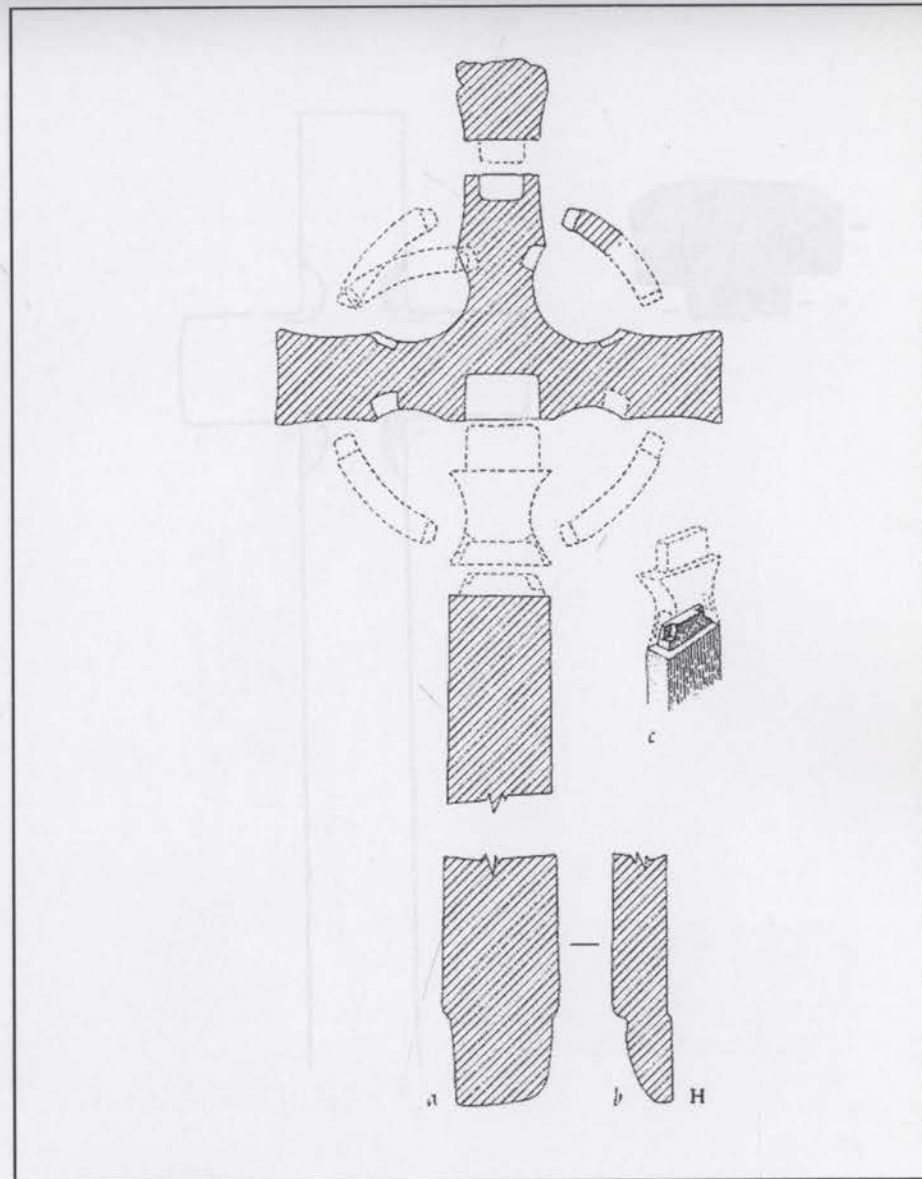
Cross-slabs, Caher Island, 13 and 15 (Herity 1995, Fig 31)

FIG 23



Suggested reconstruction, St. John's Cross, Iona (RCAHMS 1982: No. 6, 82)

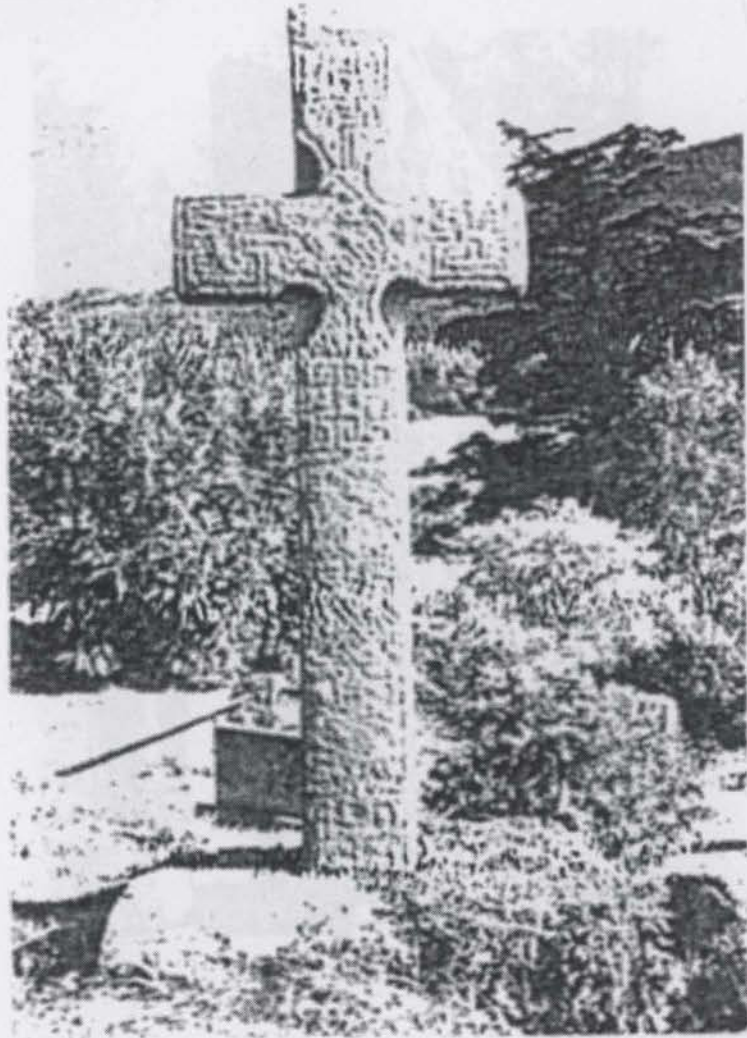
FIG 24



Reconstruction, St. John's Cross, Iona (RCAHMS 1982: 198) (1991, Fig. 83a, 33a)

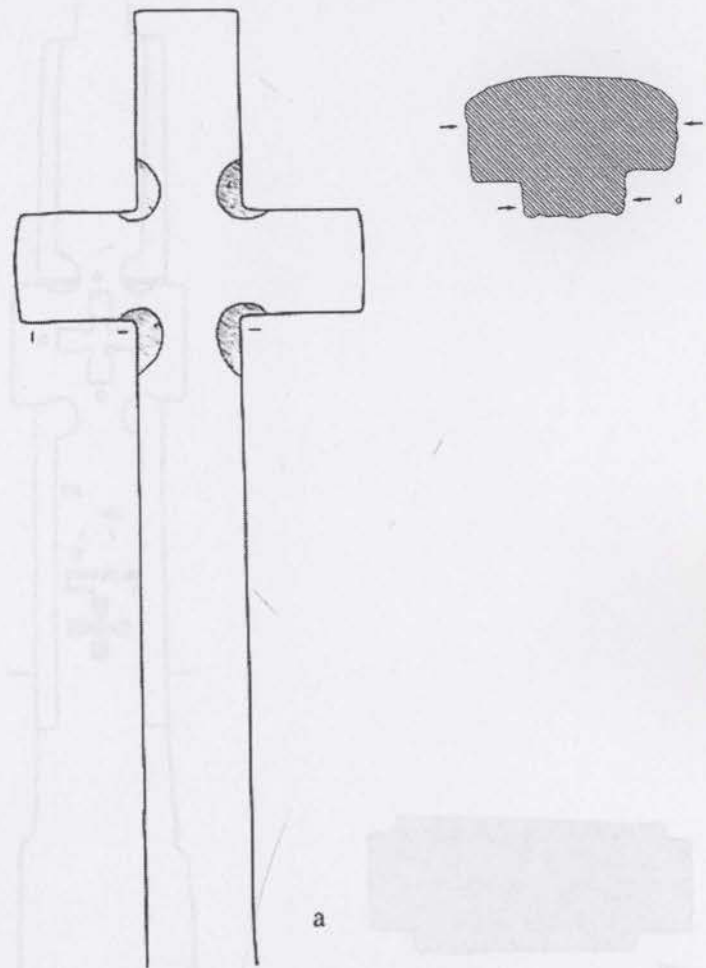
FIG 25

GROUP 1



Cross at Kilbroney, Co. Down, West Face (Kelly 1991, Fig. 33a)

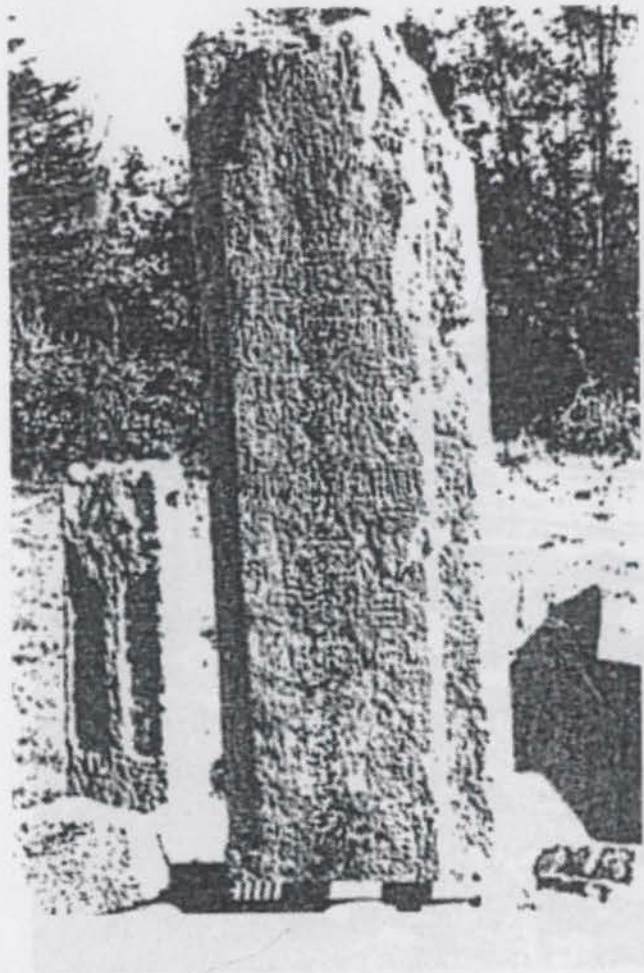
FIG 26



Outline drawing, Cross at Kilbroney, Co. Down, West Face (Kelly 1991, Fig. 33a, 33d)

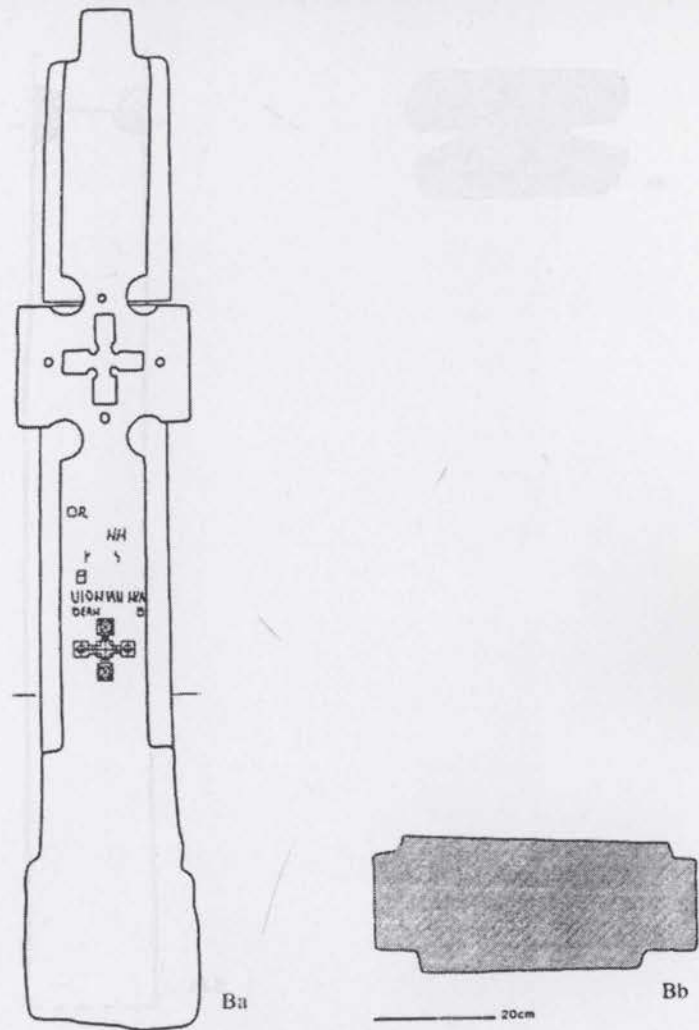
FIG 27

GROUP 2



Cross shaft, Toureen Peakaun, Co. Tipperary. West Face (Kelly 1991, Fig. 35a)

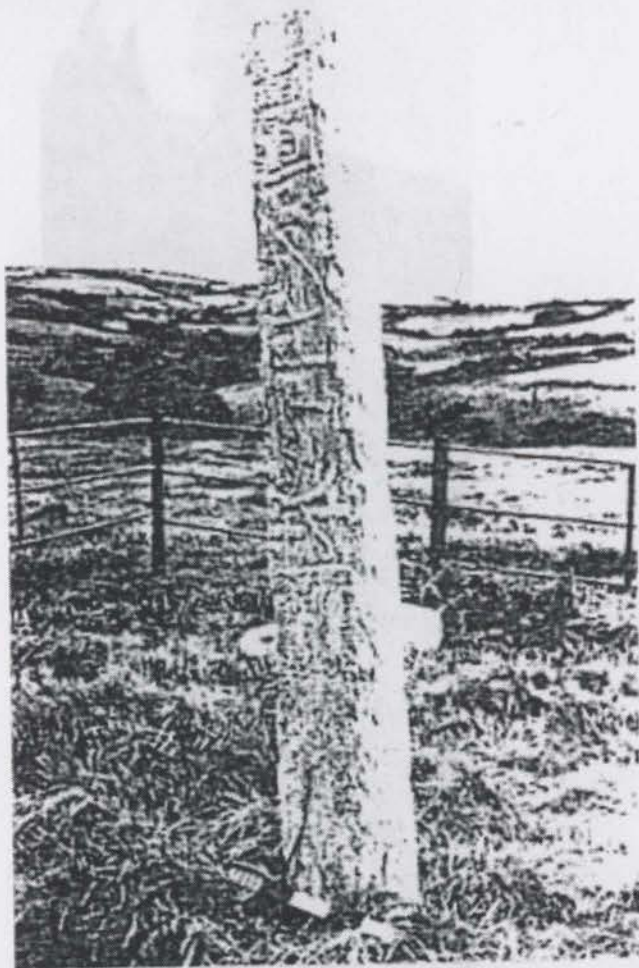
FIG 28



Reconstruction sketch, Cross, Toureen Peakaun, Co. Tipperary. West Face (Kelly 1991, Fig. 36ba., bb)

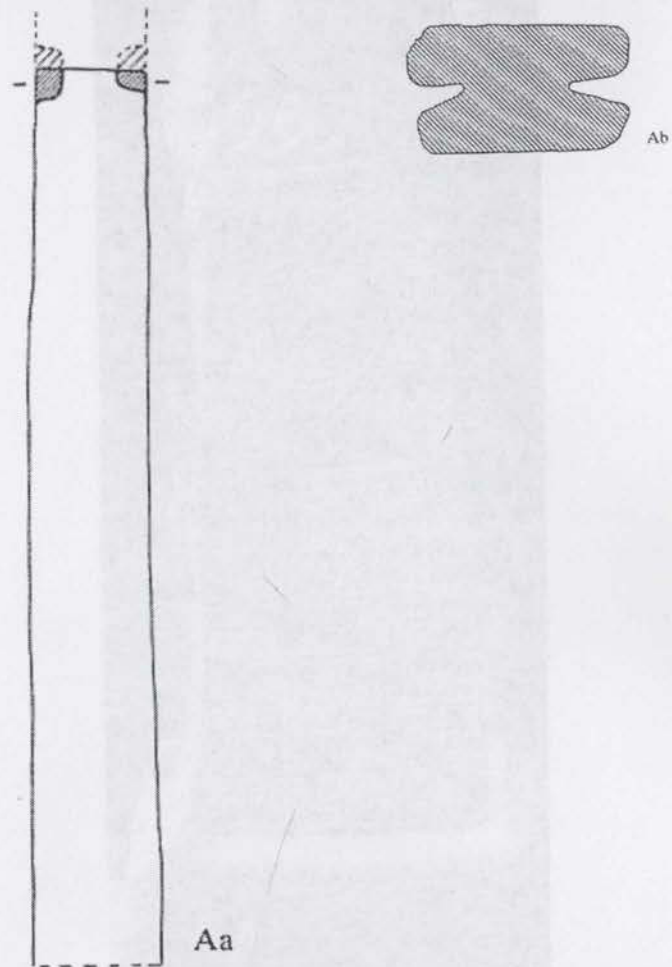
FIG 29

GROUP 3



Cross shaft, , Kilnaruane, Bantry, with position of grooves indicated and conjectural reconstruction of the upper part of the grooves (Kelly 1991, Fig. 38a)

FIG 30



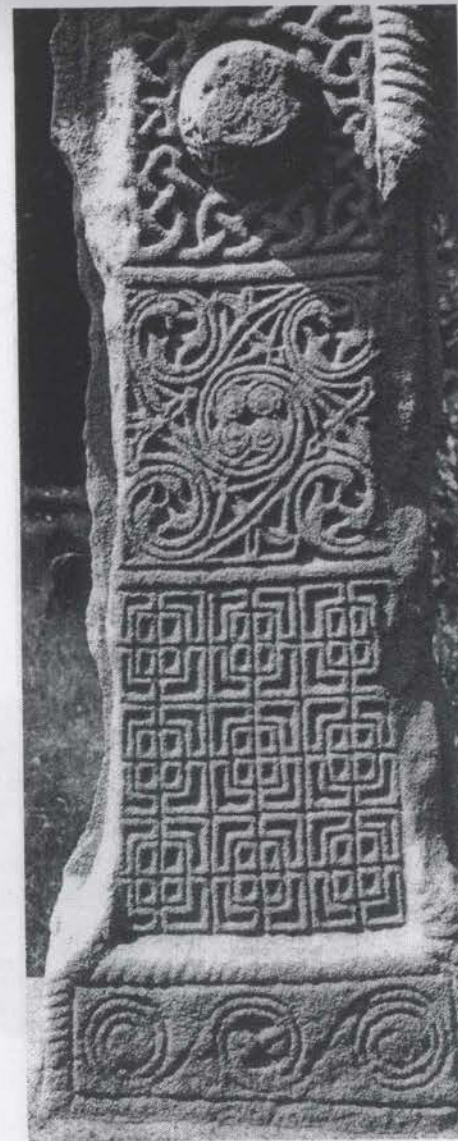
Outline drawing, cross shaft, , Kilnaruane, Bantry, with position of grooves indicated and conjectural reconstruction of the upper part of the grooves (Kelly 1991, Fig. 39Aa, 39 Ab.)

FIG 31



Ahenny, North Cross, Co. Tipperary, East Face (**Harbison 1992, Cat. 6, Fig. 7**)

FIG 32



Shaft Detail, Ahenny, North Cross, Co. Tipperary, East Face (**Harbison 1992, Cat. 6, Fig. 8**)

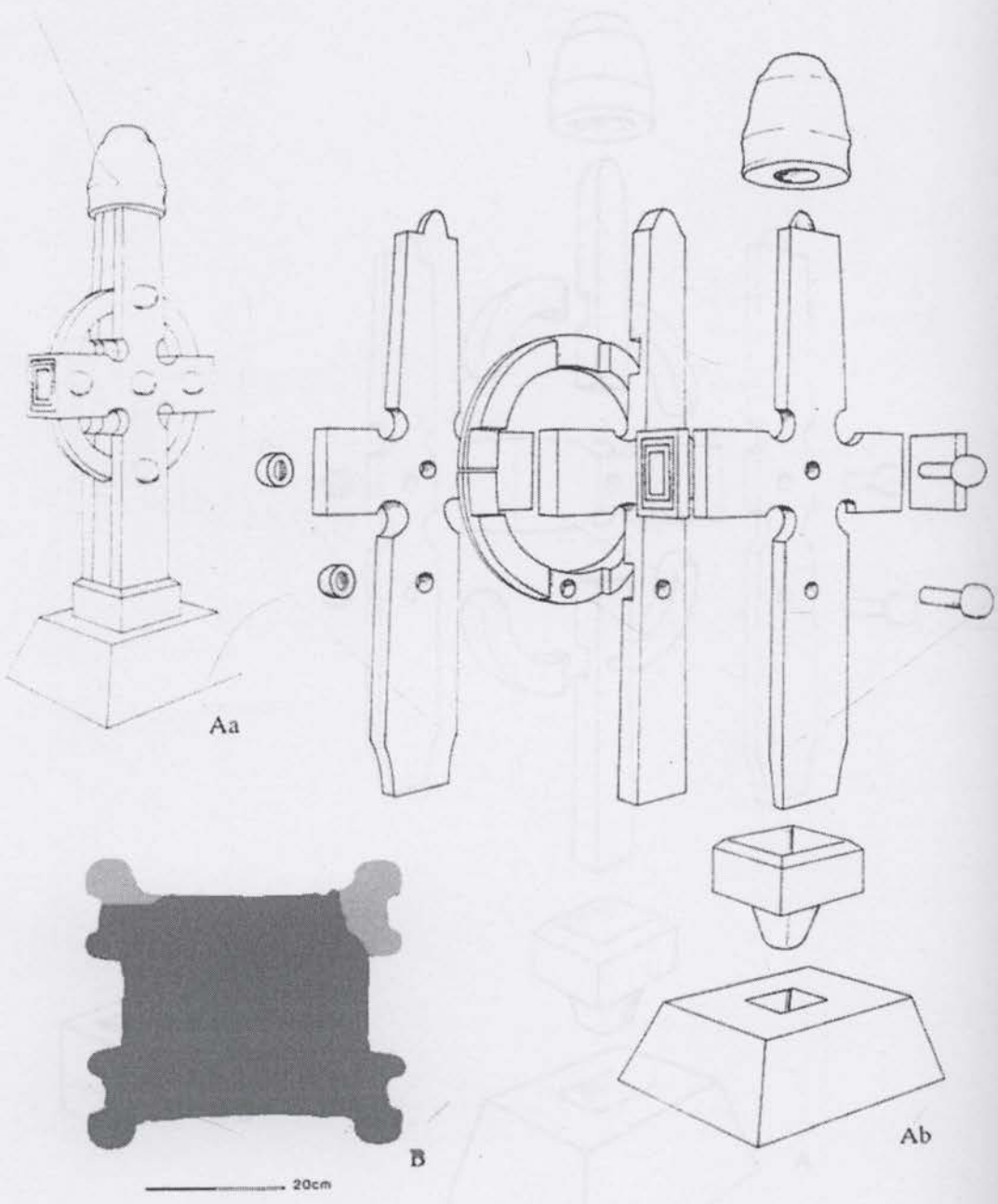


Fig. 42 Ahenny, Tipperary  
 Aa. Schematic drawing of North Cross  
 Ab. Exploded drawing of North Cross indicating suggested construction of prototype (not to scale)  
 B. Section taken on lower shaft, South Cross (1:10)

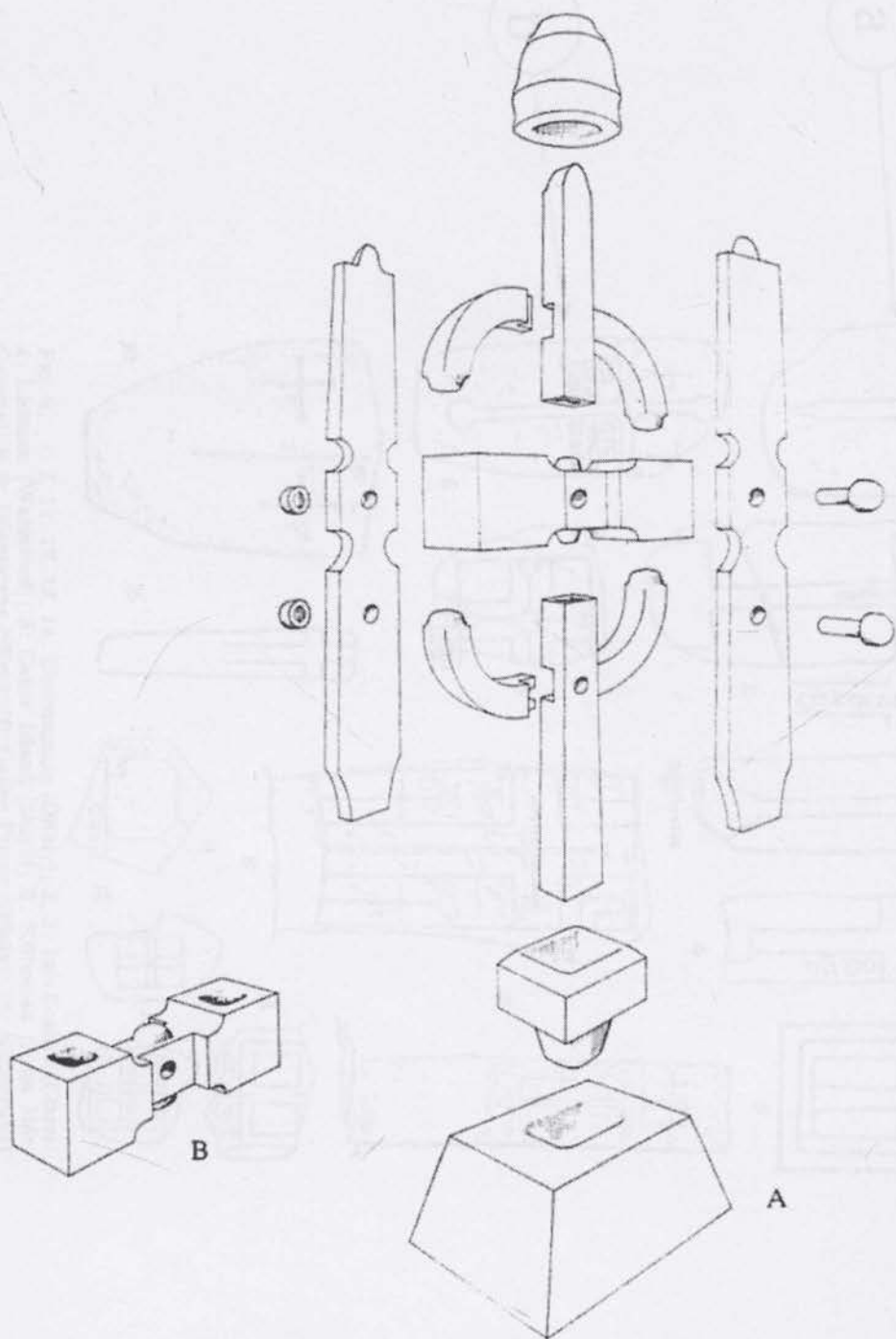


Fig. 43 A. Exploded drawing showing alternative version of construction of proposed prototype of North Cross, Ahenny; B. Detail of transom.

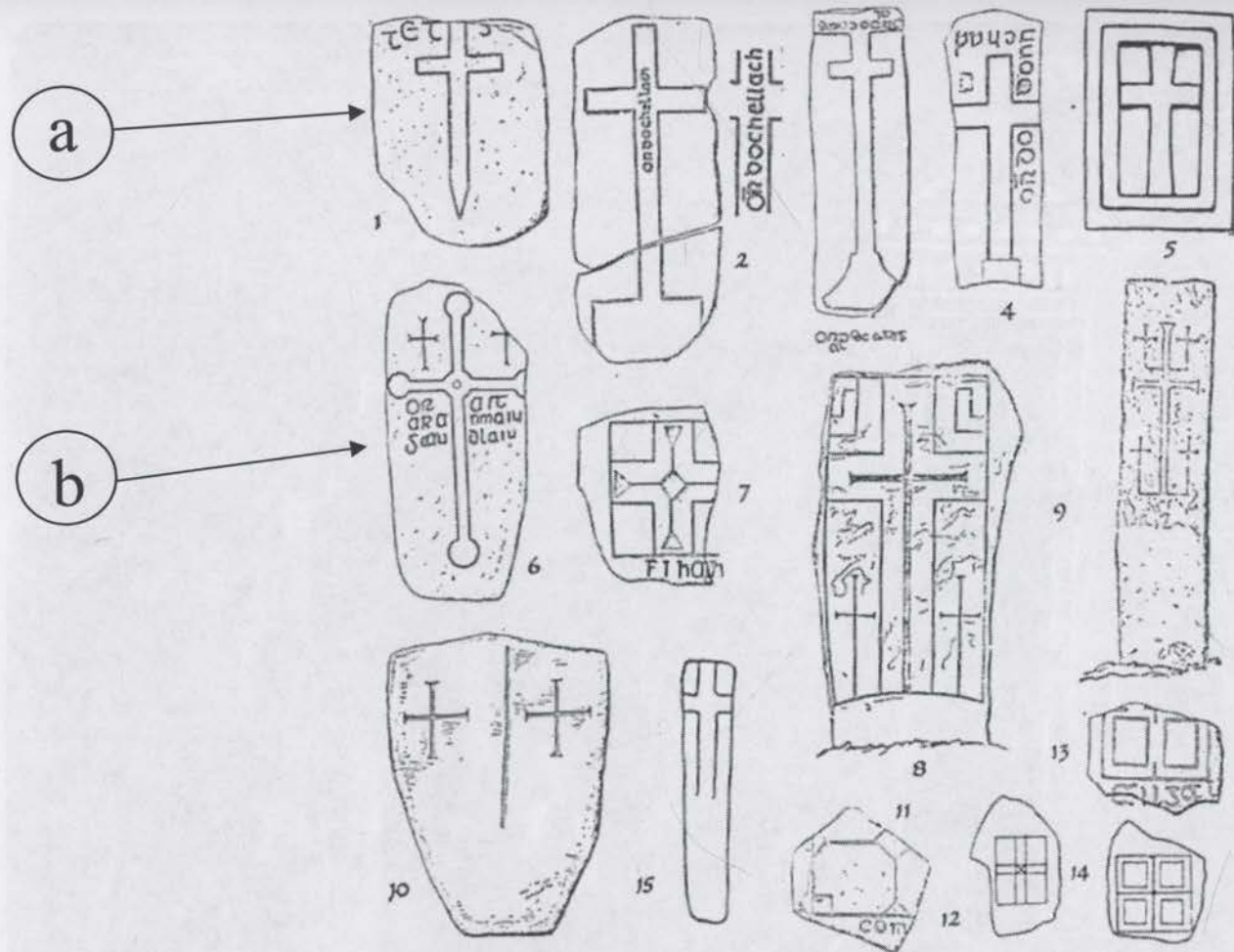
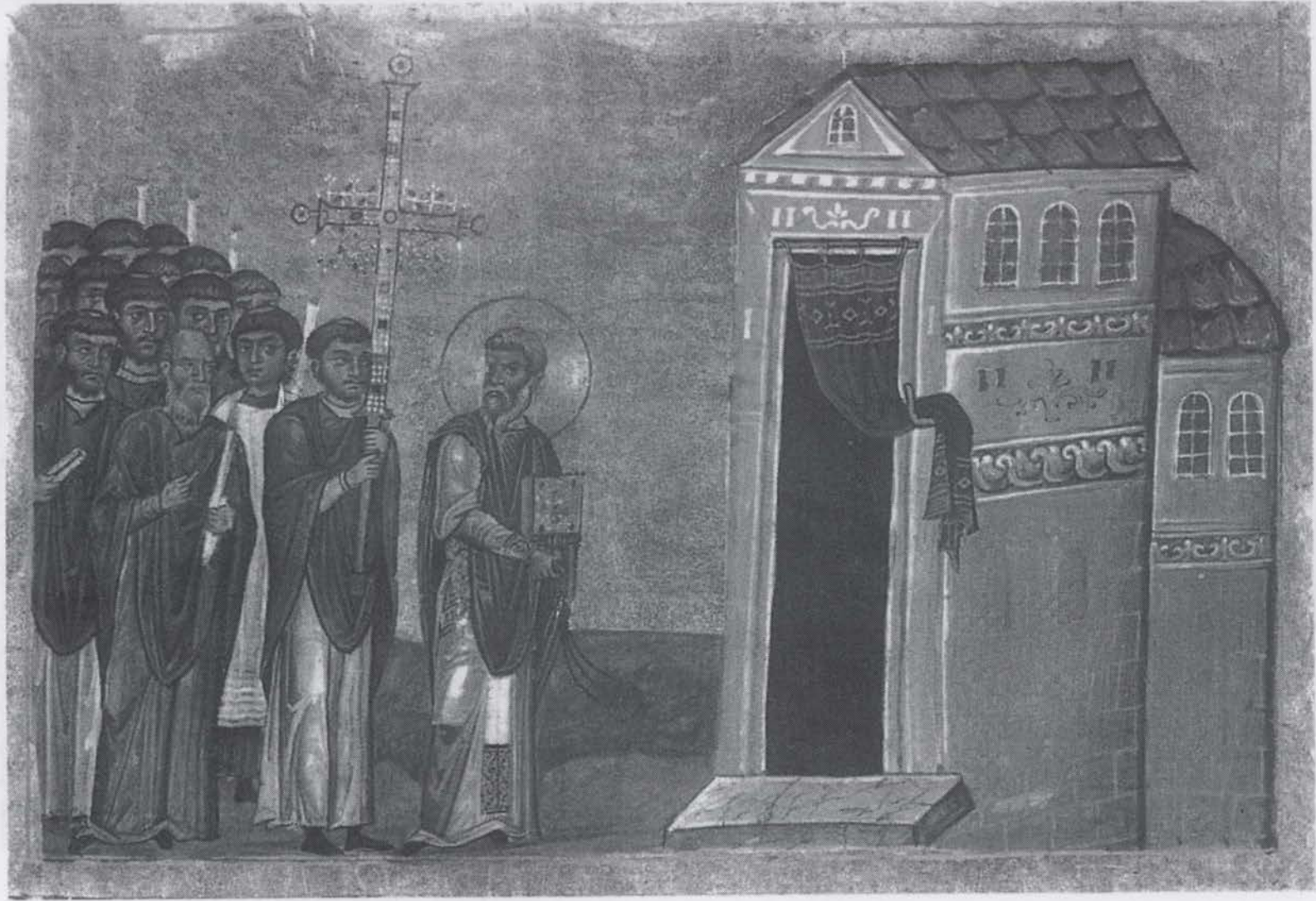


FIG. 6. 1, 7, 11, 12, 13, 14: Clonmacnois (Offaly); 2, 3: Inis Cealtra (Clare); 4: Lismore (Waterford); 5: Caher Island (Mayo); 6: Kilbreacan (Aran Mór, Galway); 8, 9: Inismurray (Sligo); 10: Gallen Priory (Offaly); 15: Kilberrihert (Tipperary)

FIG 36

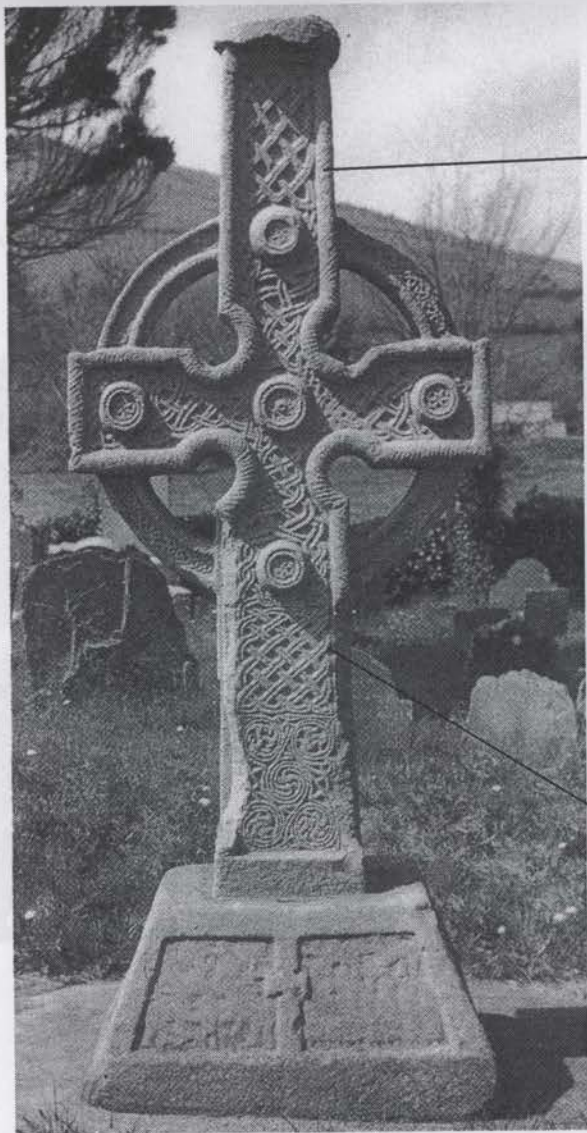


A procession to the Church of the Virgin at Blachernai, Biblioteca Apostolica Vaticana, gr. 1613, p. 142. "Menologion" of Basil II, eleventh century. (Sevcenko 1998, Fig. 7.41)

FIG 37



Gallarus Oratory (Cuppige 1986, Plate XV) (Harbison 1992, Cat. 7, Fig. 10)



South Cross, Ahenny, Co. Tipperary, East Face (Harbison 1992, Cat. 7, Fig. 19)

1992, Fig. 14, Cat. 6)

South Cross, Ahenny, Co. Tipperary, West Face (Harbison

1992, Fig. 26, Cat. 7)

FIG 39

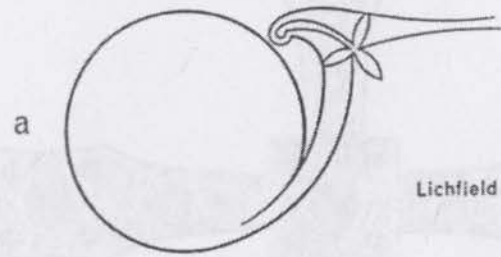


North Cross, Ahenny, Co. Tipperary, West Face ( Harbison 1992, Fig. 14, Cat. 6)

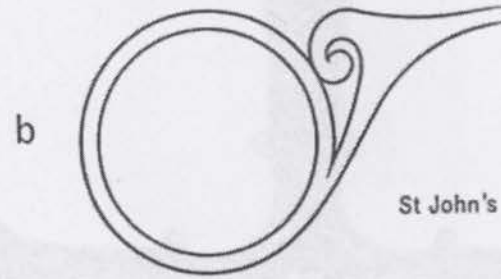
FIG 40



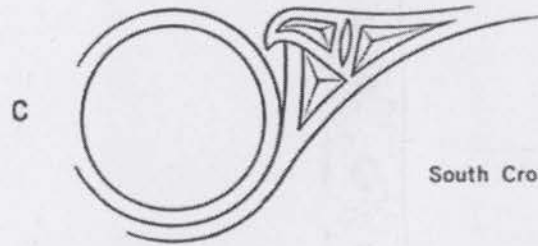
South Cross, Ahenny, Co. Tipperary, West Face ( Harbison 1992, Fig. 26, Cat. 7)



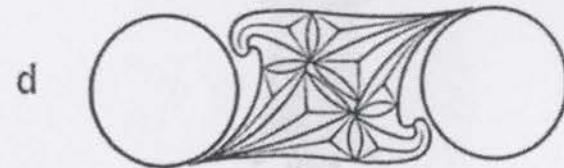
Lichfield Gospels



St John's Cross



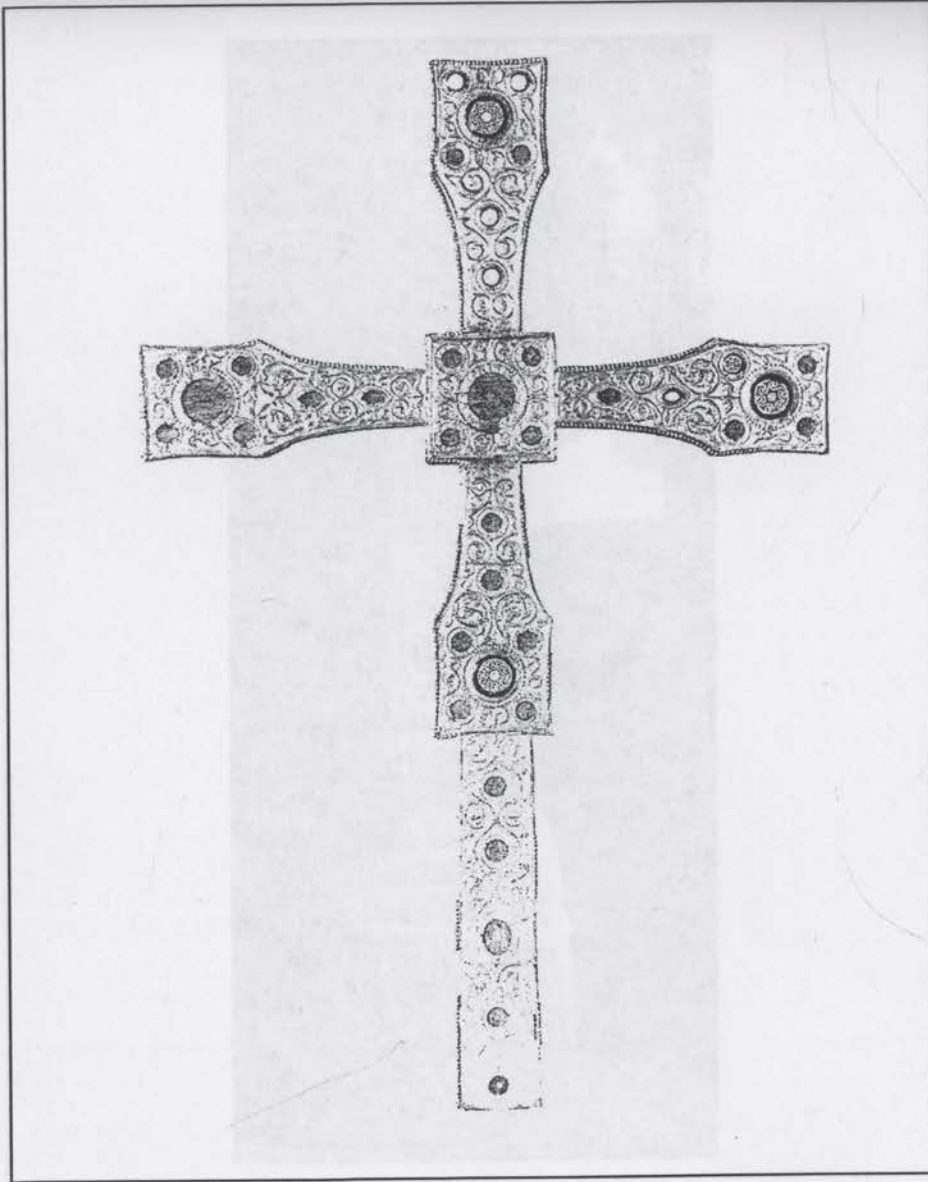
South Cross, Ahenny



Ardagh Chalice

Comparative details of same motif in different media (**Robertson 1975, Fig. 6**)

FIG 42



The Rupert Cross, Salzburg (**Richardson 1984a, Pl. 11**)

Harbison 1992, Cat. 36, Fig. 103)

FIG 43

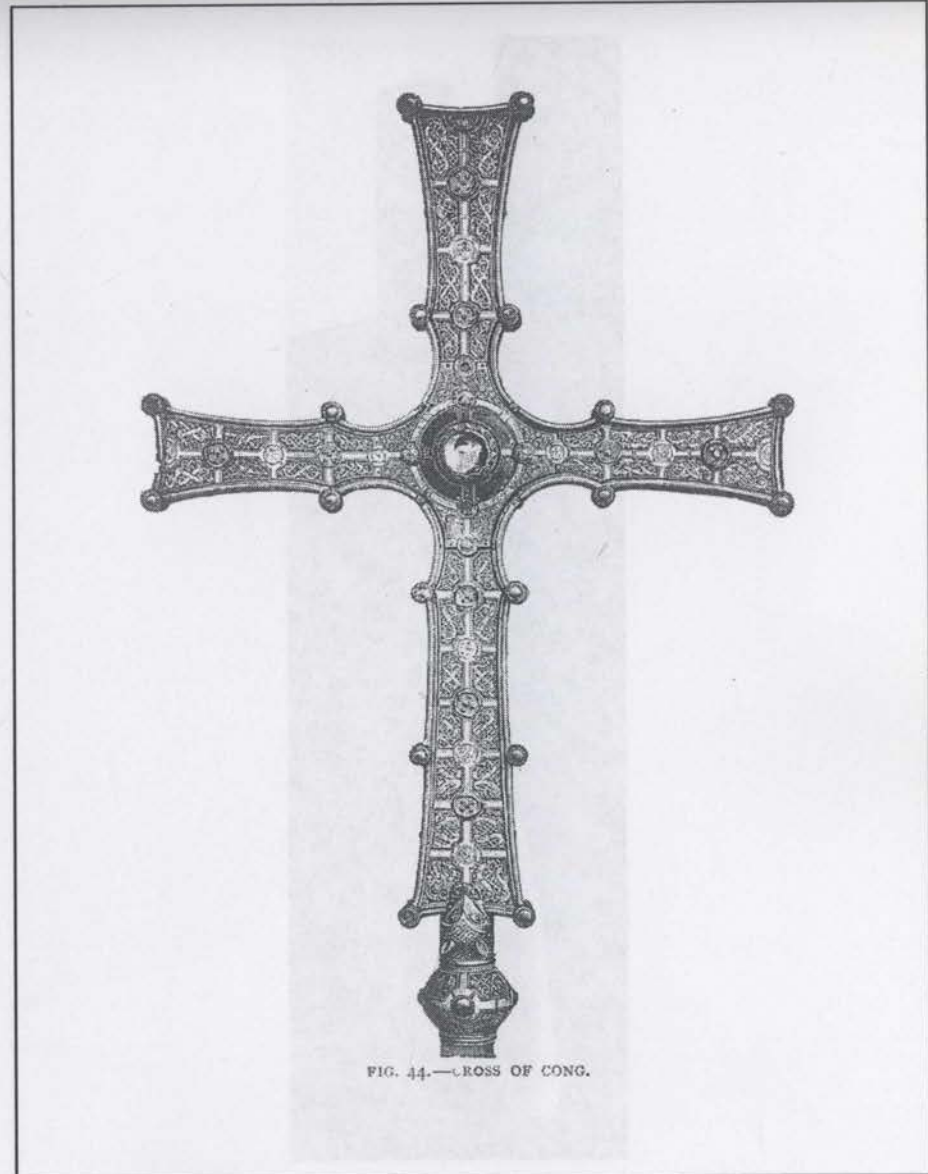


FIG. 44.—CROSS OF CONG.

Cross of Cong (**Stokes 1894, Fig 44**)

Harbison 1992, Cat. 36, Fig. 104)

FIG 44



Castledermot, North Cross, Co. Kildare, West Face (  
**Harbison 1992, Cat. 36, Fig. 103**)

FIG 45



Castledermot, North Cross, Co. Kildare, North Side (  
**Harbison 1992, Cat. 36, Fig. 104**)

FIG 46

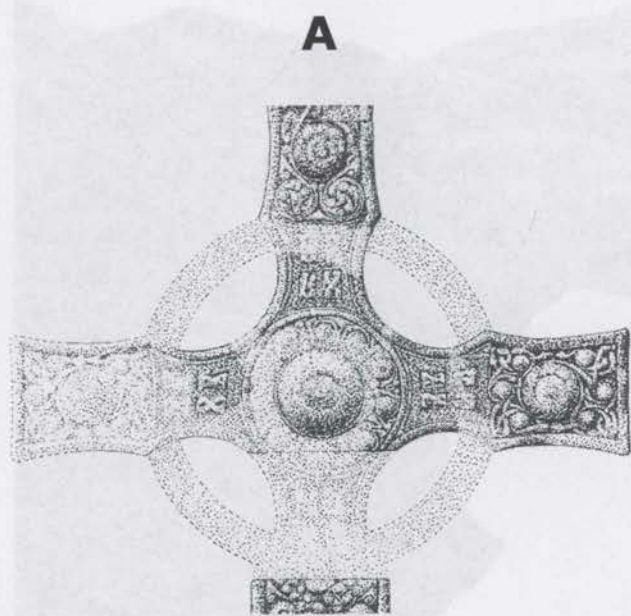


Ormside Bowl ( Webster and Backhouse 1991: 172, Fig. 134)

B St. Martin's Cross, East Face (Laing & Laing 1993, Fig. 125)

C Head of The Kildalton Cross, Islay, (Laing & Laing 1993, Fig. 126)

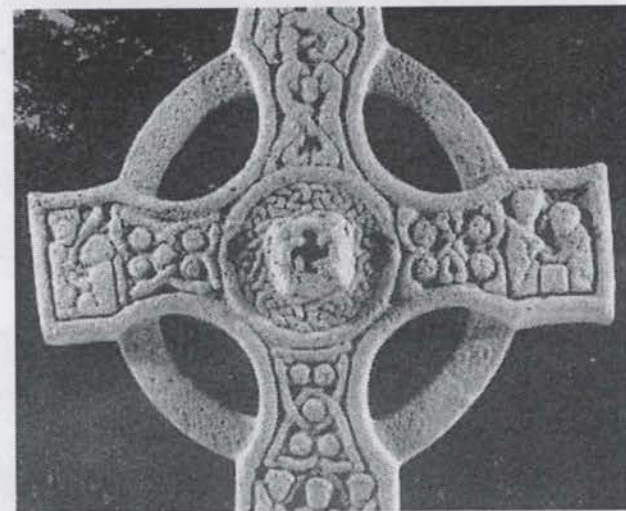
*Edward's proposed evolutionary plan for the Boss Style*



**Small nail head bosses**



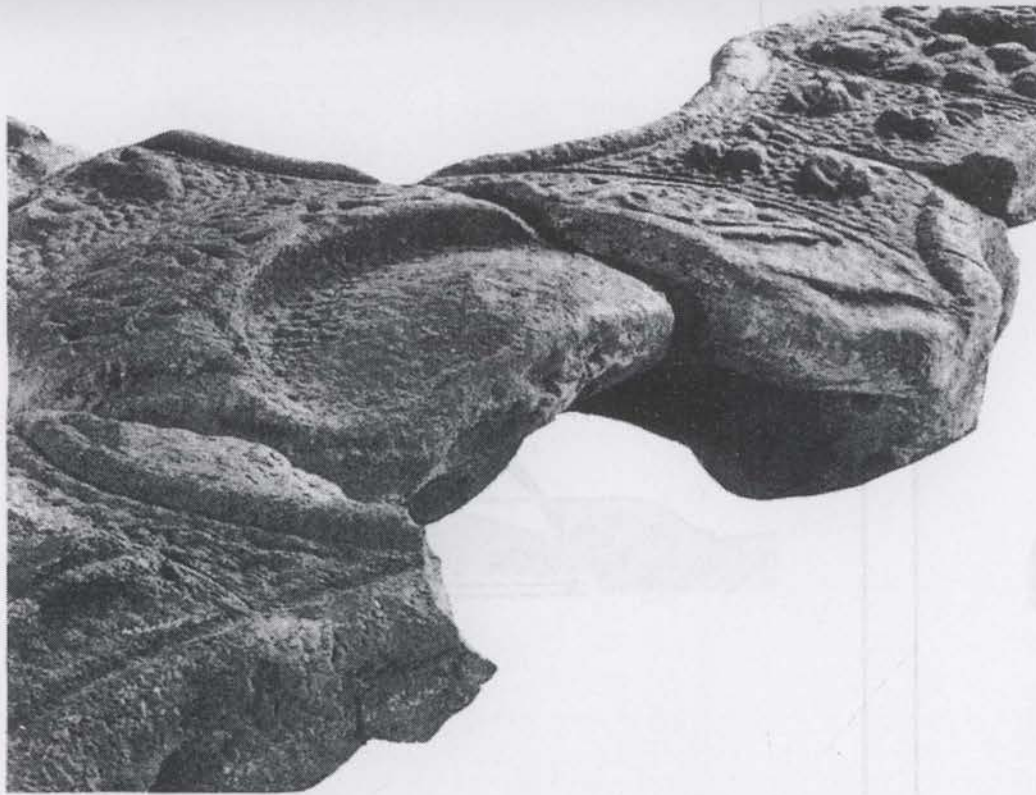
**Meshed Bosses**



**Domed Boss**



- A. St. John's Cross, Iona. East Face (**RCAH MS 1982: No. 6, 82**).
- B. St. Martin's Cross, East Face (**Laing & Laing 1993 , Fig. 125**)
- C. Head of The Kildalton Cross, Islay, (**Laing & Laing 1993 , Fig. 126**)

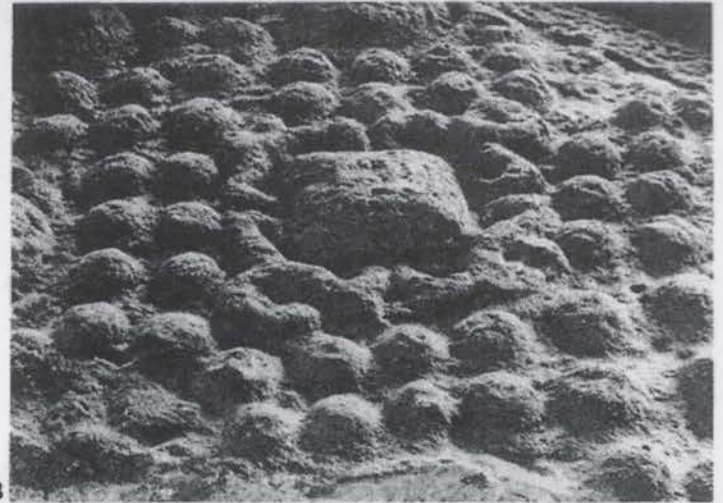


A

St John's Cross (No. 6, 82); w face

A. detail of cross-head

B, C. details of shaft

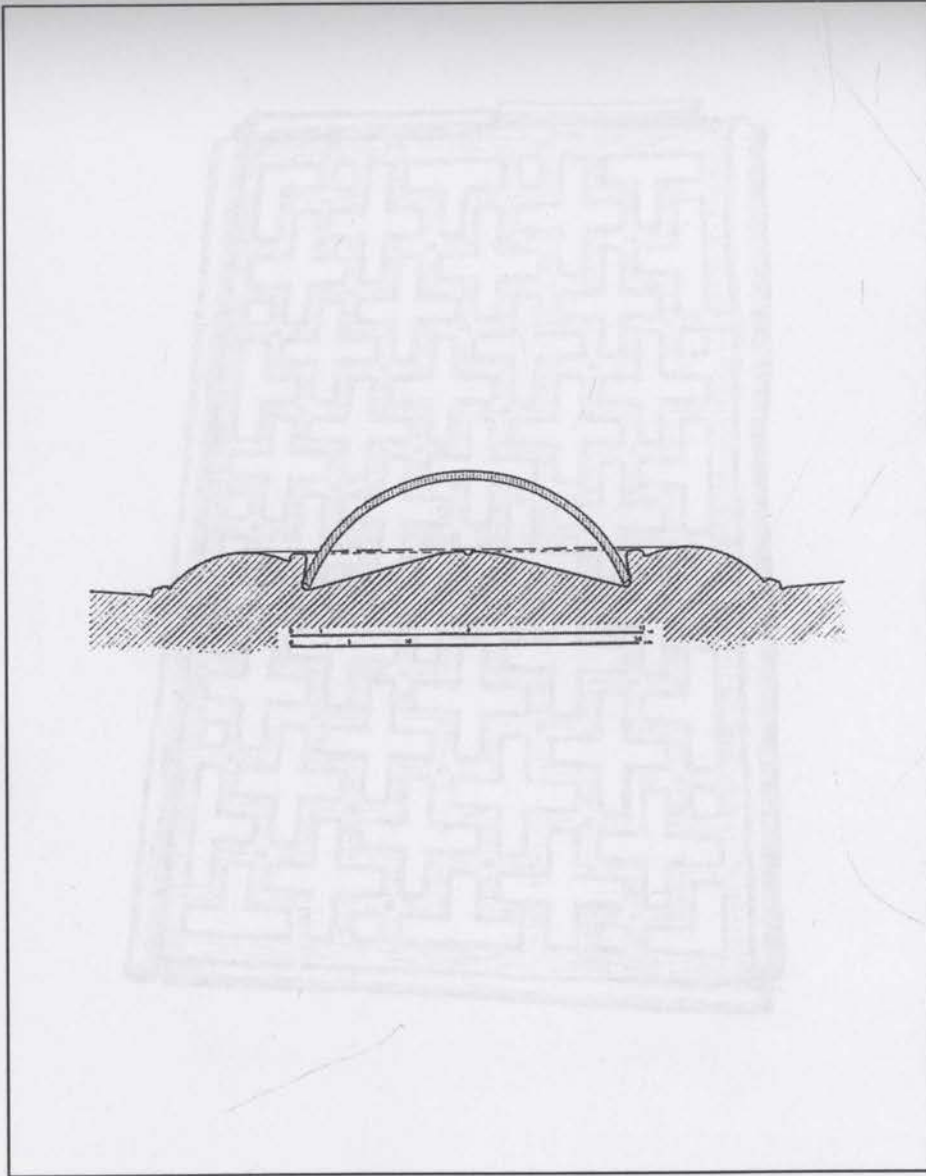


B



C

FIG 49



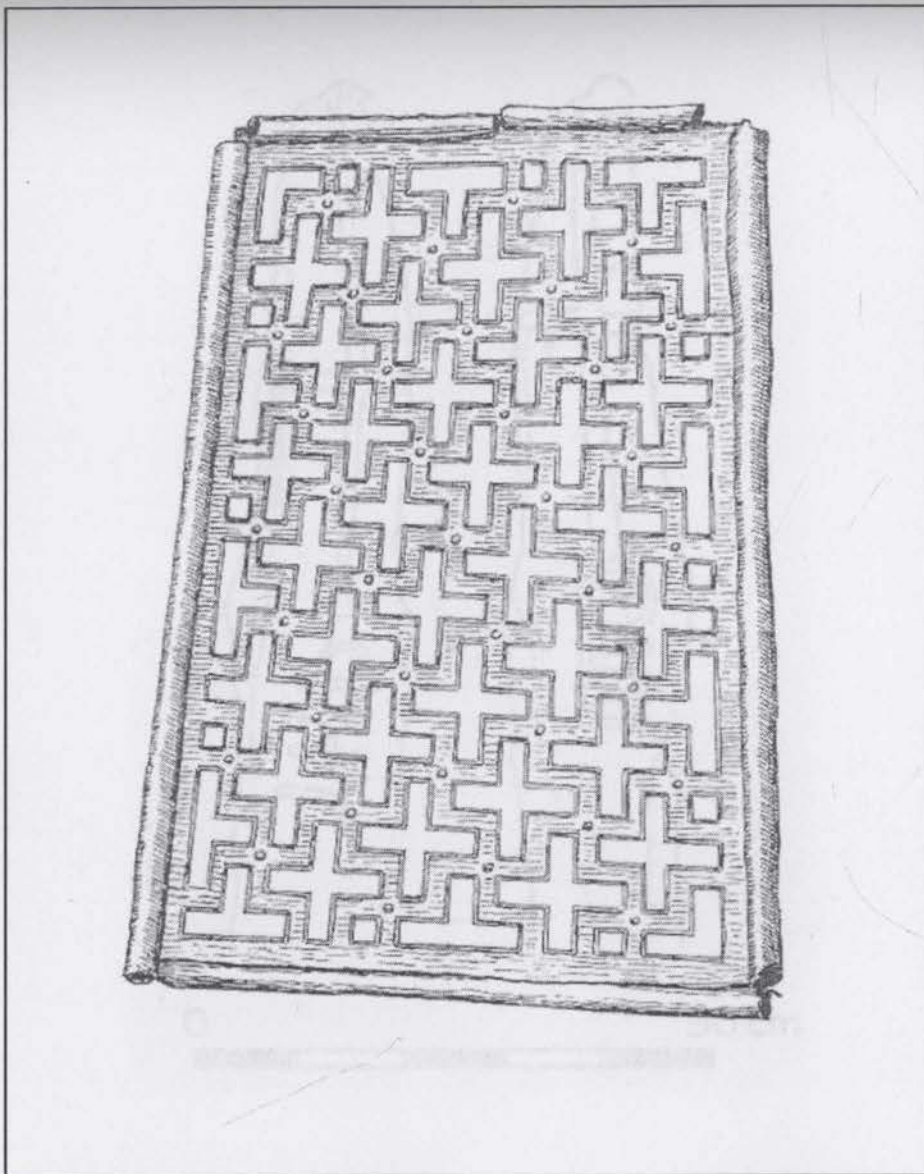
St. John's Cross, section through central roundel with metal boss in position (Robertson 1974, Fig. 3)

FIG 50



Wooden boss from Viking Dublin (Karkov 1991, PL 5) 77, Fig. 61)

FIG 51



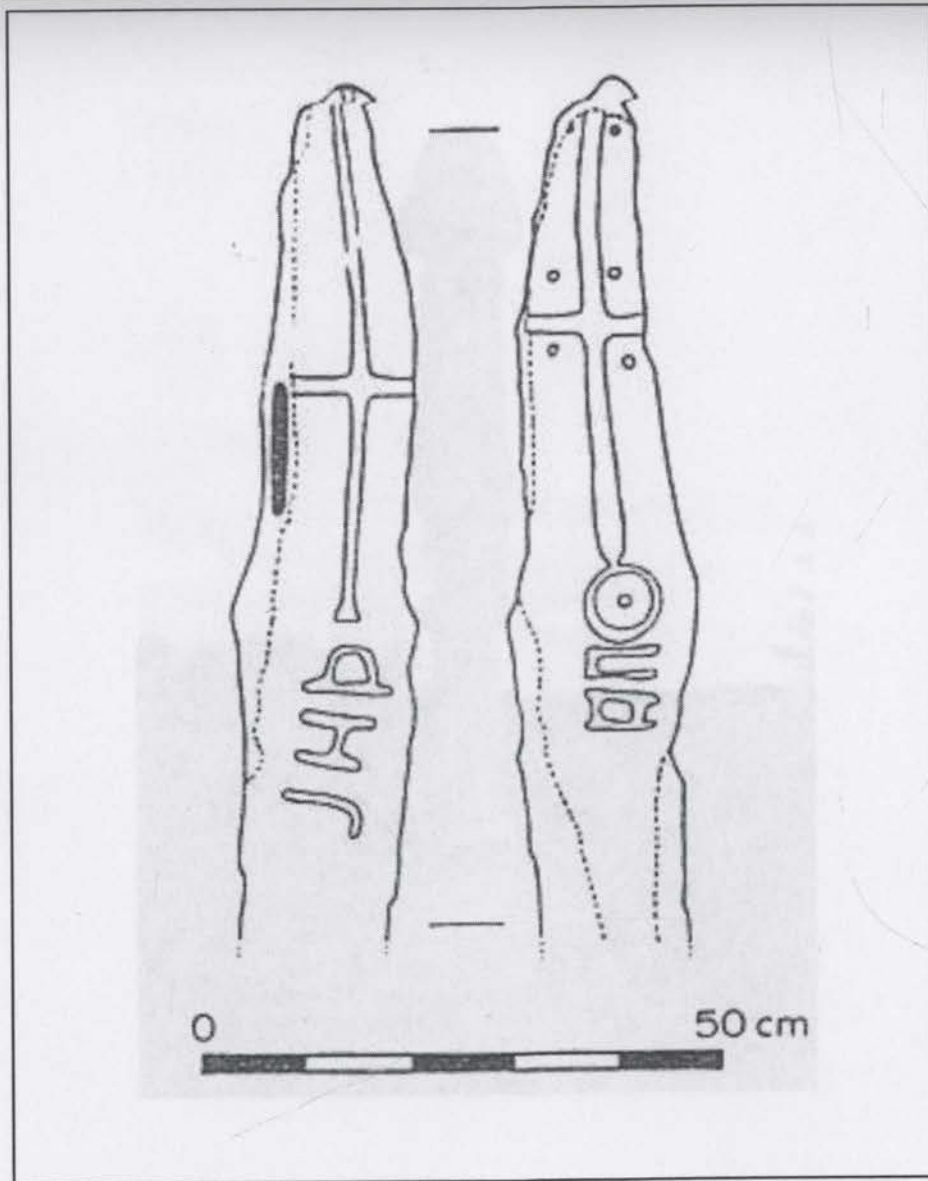
Openwork pattern on one side of St. Patrick's Bell Shrine (Kilbride Jones 1990, Fig. 7)

FIG 52



St. Patrick's Bell Shrine, early twelfth century (Cone 1977, Fig. 61)

FIG 53



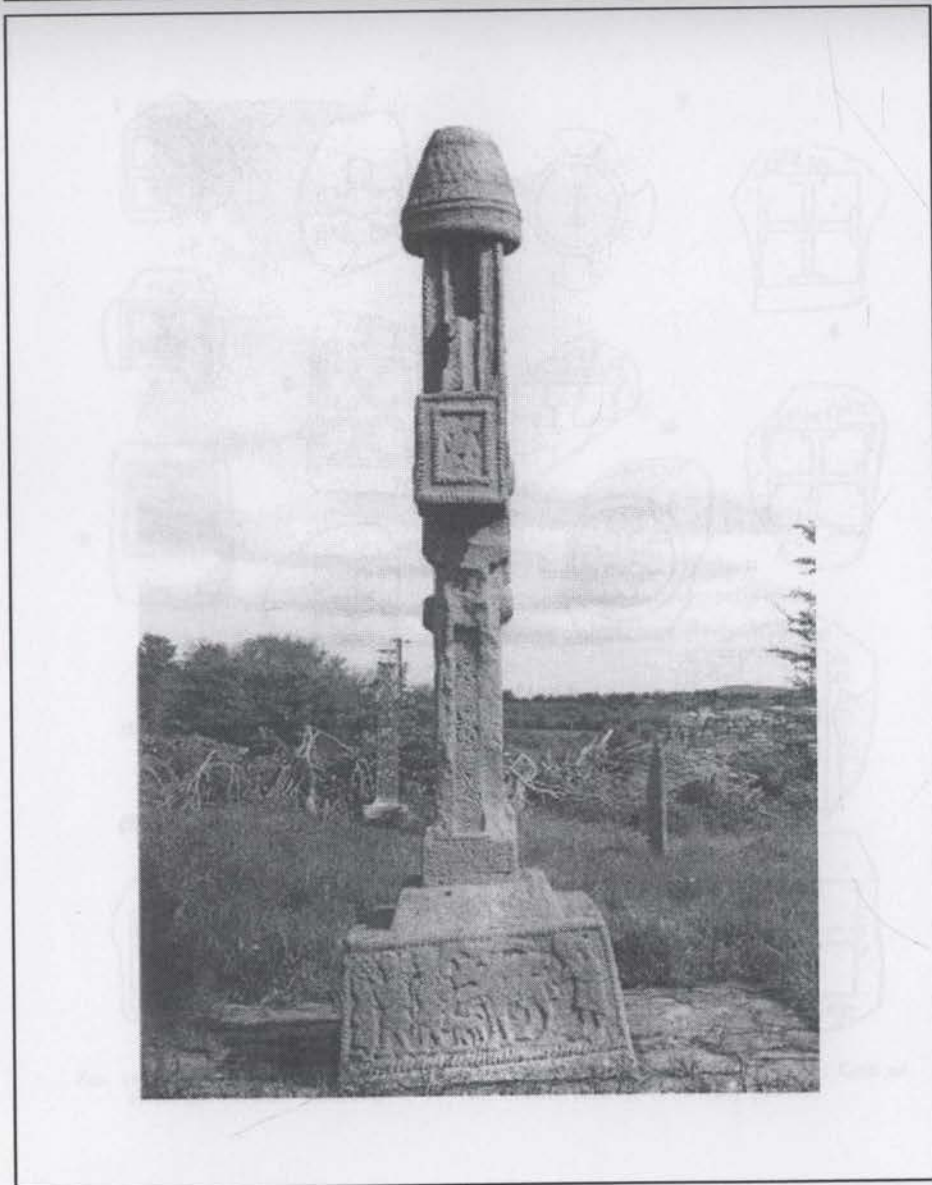
Cross-inscribed slab, Reask Co. Kerry (Fa nning 1981, Fig. 30)

FIG 54



Carndonagh, North Pillar (Harbison 1986, Plate 4.6)

**FIG 55**



North Cross, Ahenny, Co. Tipperary. South Side ( **Harbison 1992, Fig. 12. Cat 6** )

**FIG 56**



North Cross, Ahenny, Co. Tipperary. North Side ( **Harbison 1992, Fig. 18. Cat 6** )

FIG 57

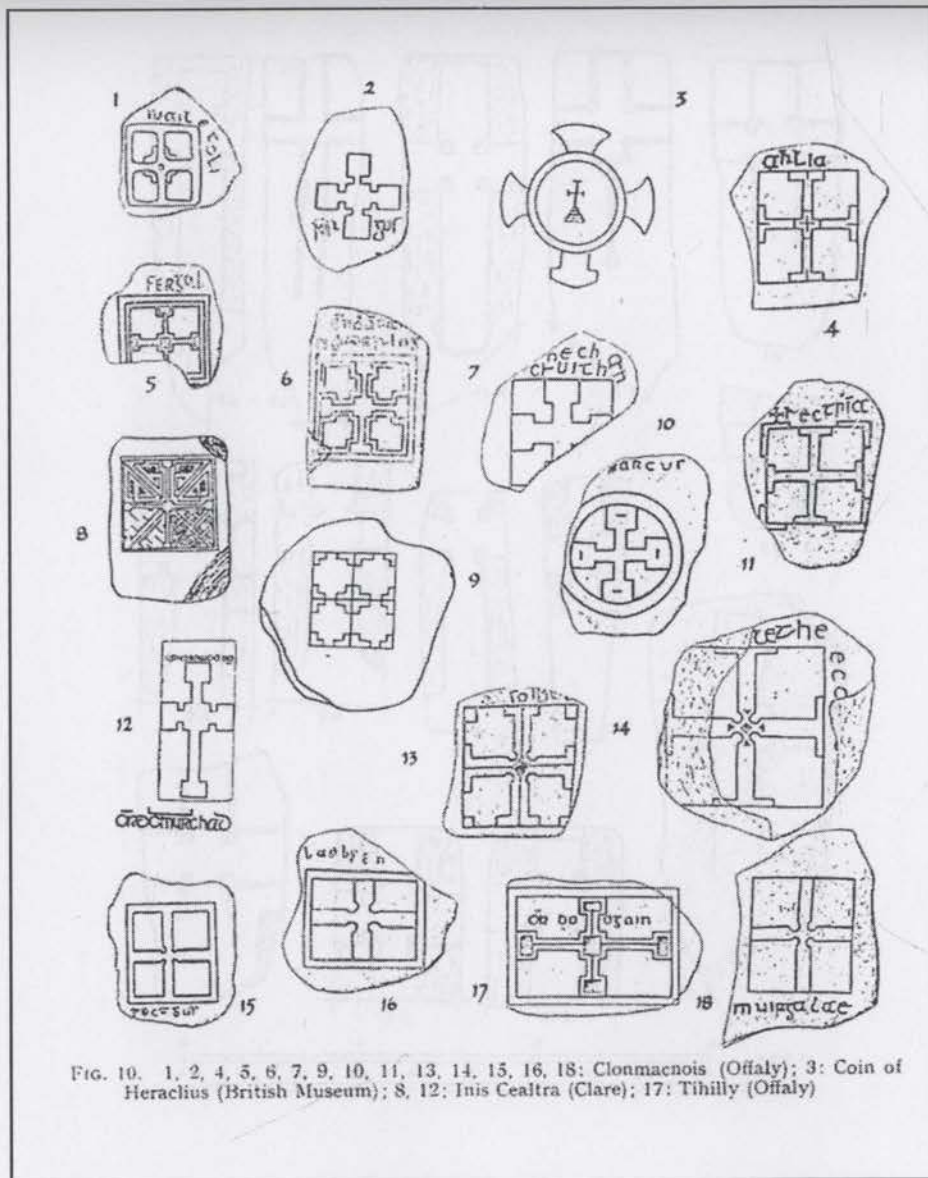


FIG. 10. 1, 2, 4, 5, 6, 7, 9, 10, 11, 13, 14, 15, 16, 18: Clonmacnois (Offaly); 3: Coin of Heraclius (British Museum); 8, 12: Inis Cealtra (Clare); 17: Tihilly (Offaly)

Cross in square patterns (Lionard 1960, Fig. 10)

FIG 58

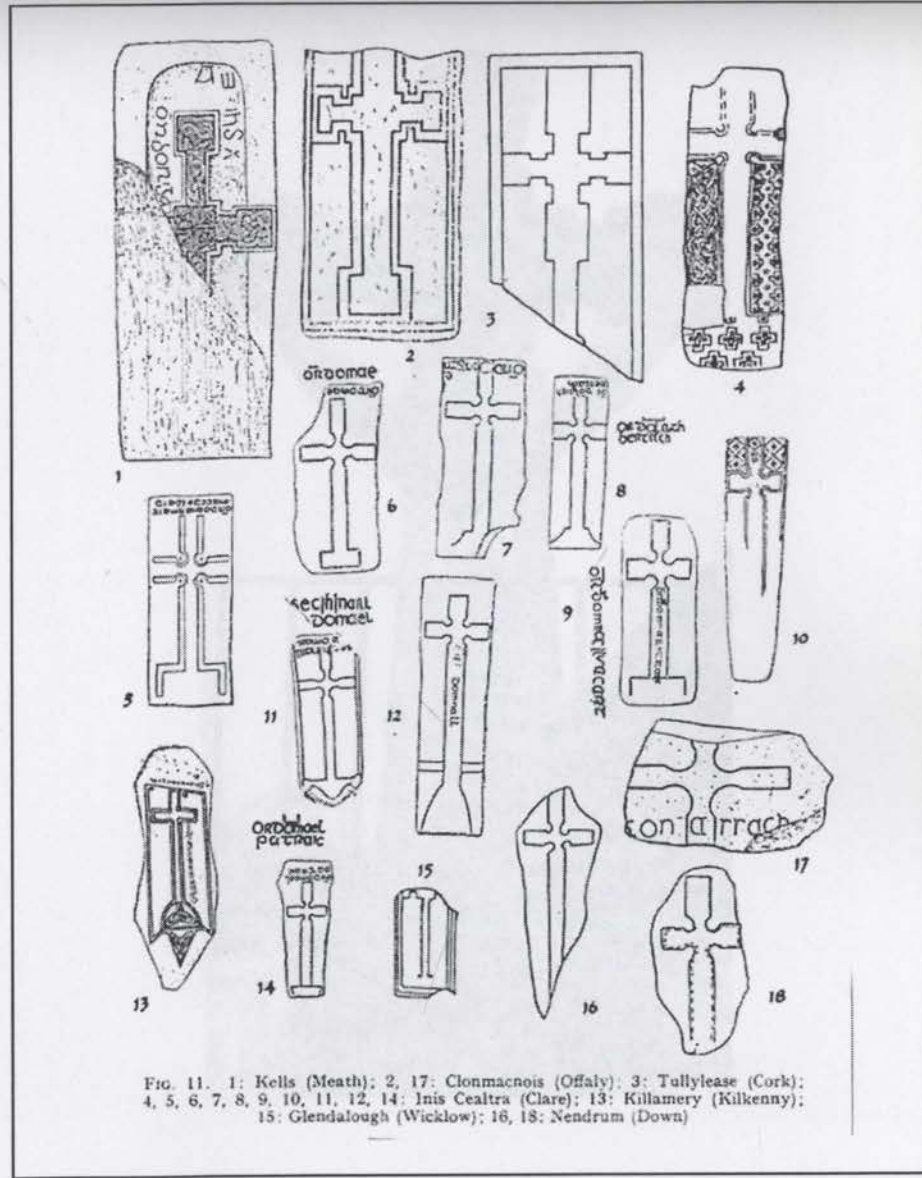
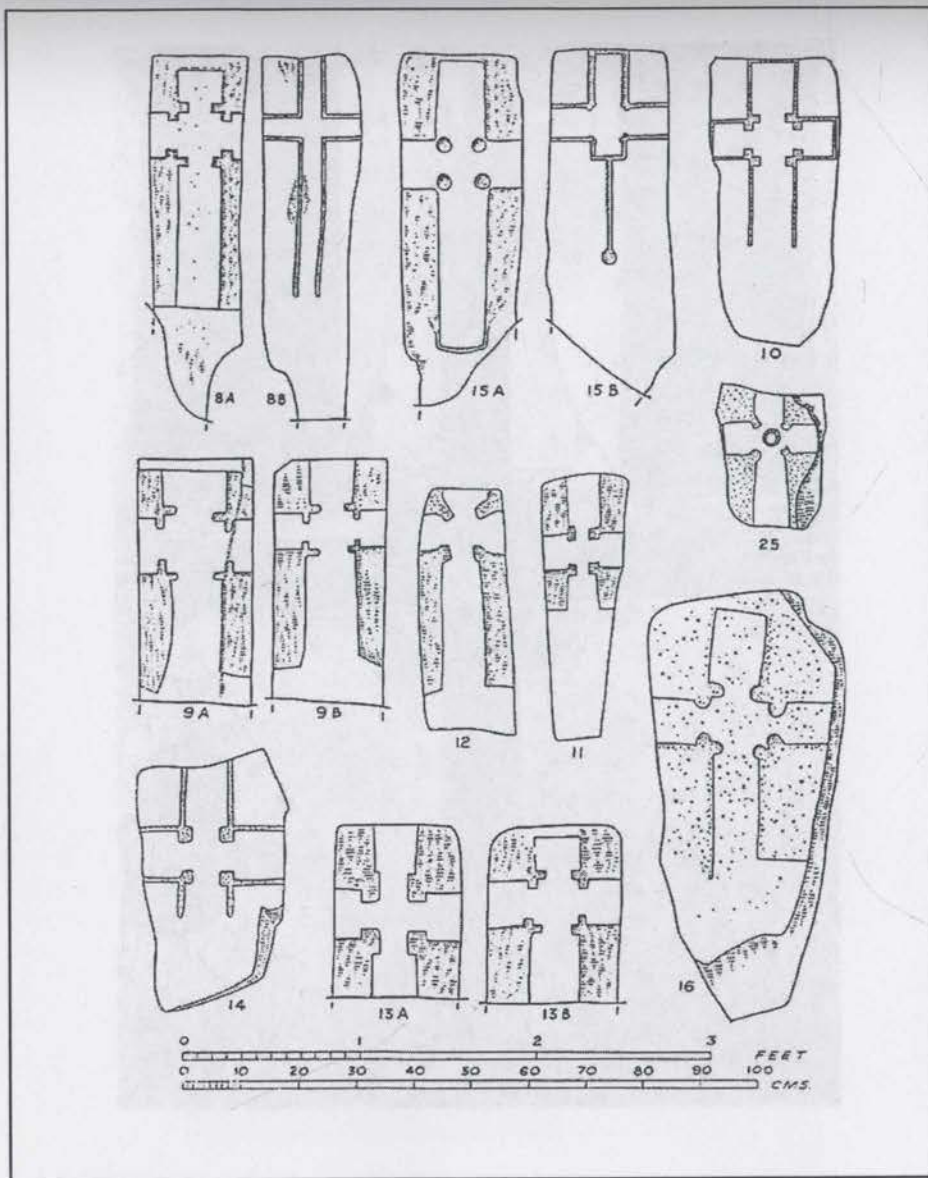


FIG. 11. 1: Kells (Meath); 2, 17: Clonmacnois (Offaly); 3: Tullylease (Cork); 4, 5, 6, 7, 8, 9, 10, 11, 12, 14: Inis Cealtra (Clare); 13: Killamery (Kilkenny); 15: Glendalough (Wicklow); 16, 18: Nendrum (Down)

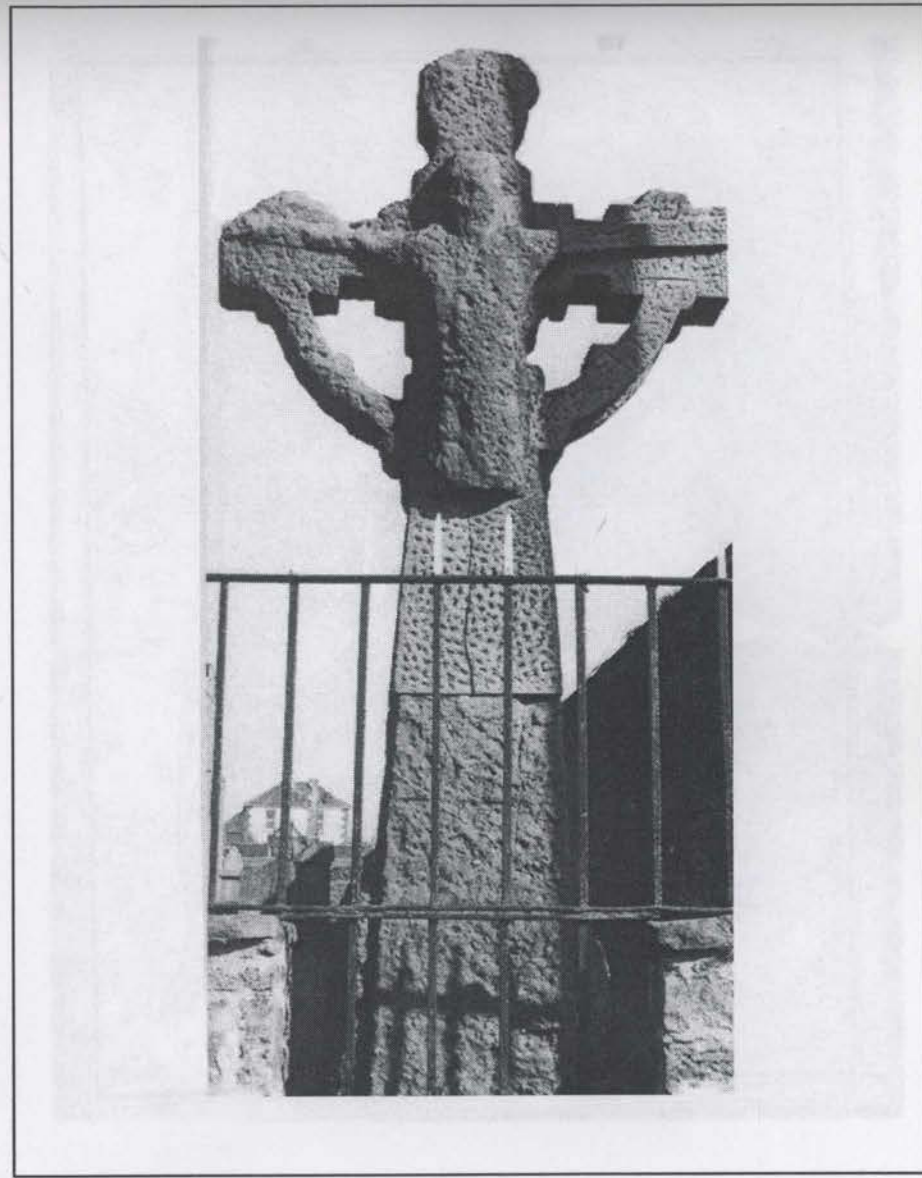
Incised Crosses with square arm-pits (Lionard 1960, Fig. 10)

FIG 59



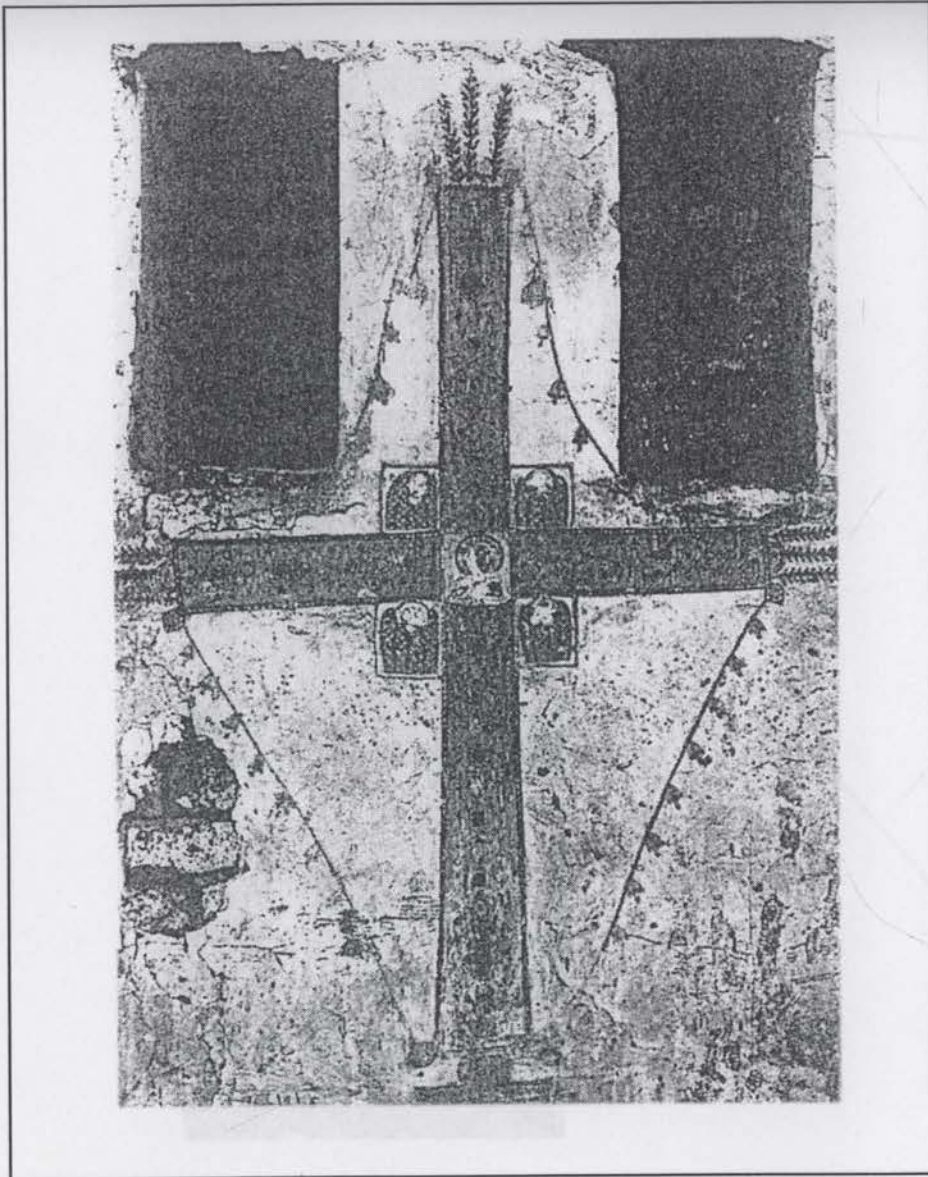
Cross-slabs, St. Berrihert's Kyle (O'Kelly 1967, Fig. 3)

FIG 60



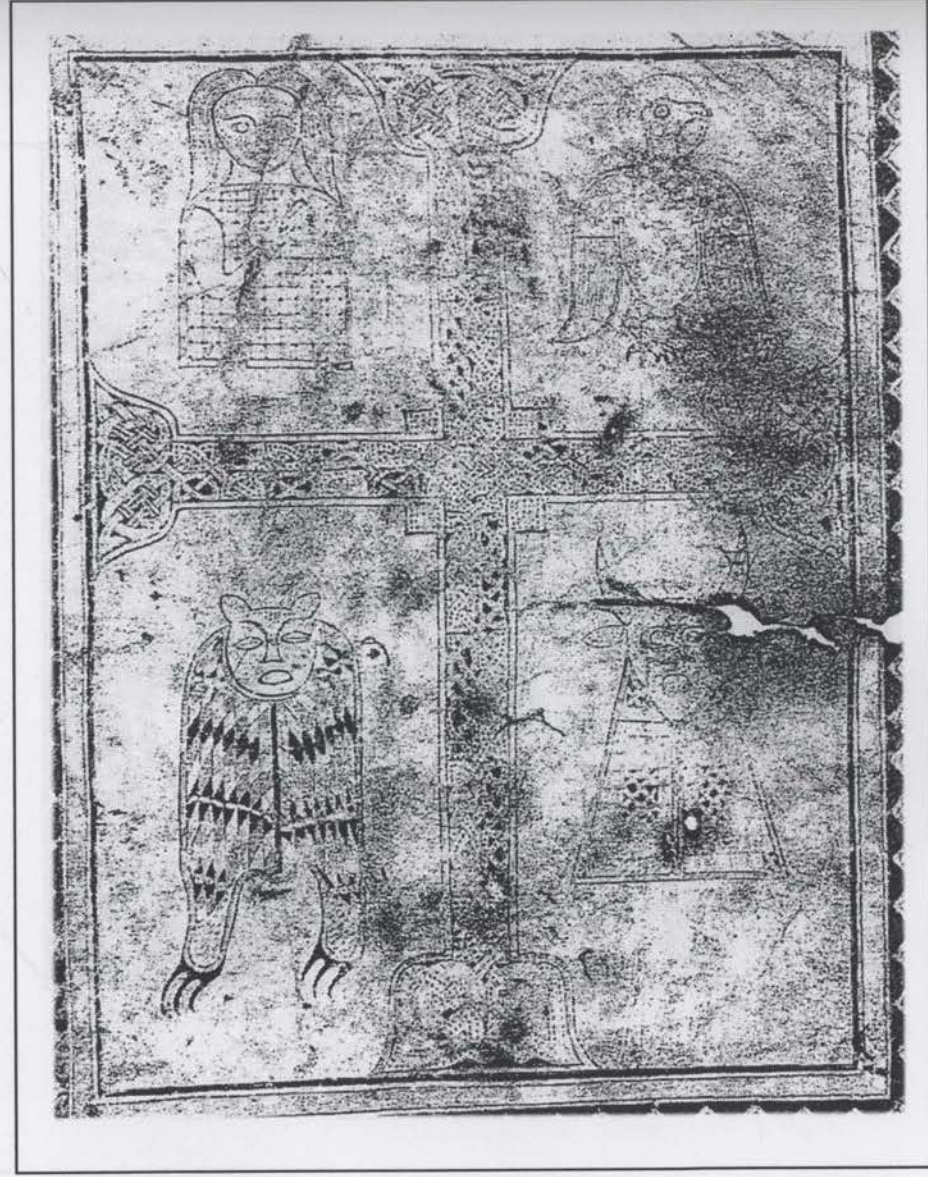
Roscrea, Co. Tipperary West Face (Harbison 1992, Cat. 194 Figs. 543)

FIG 61

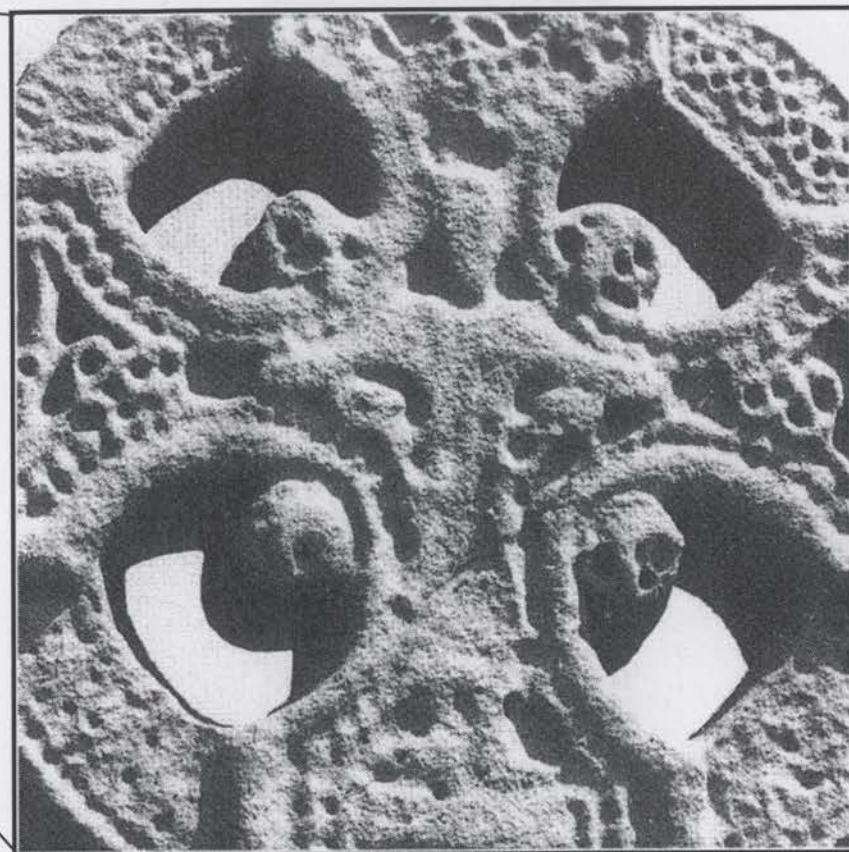
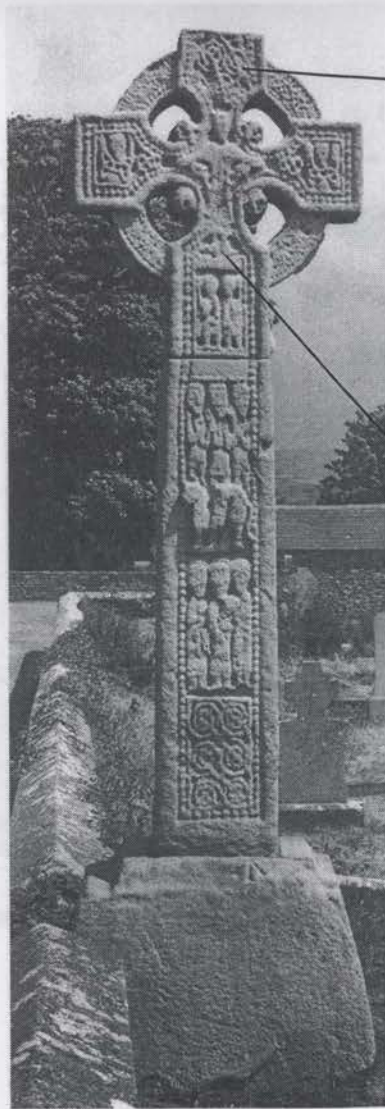


Fresco, South Chapel, Cathedral of Faras (Werner 1990, Fig. 6)

FIG 62



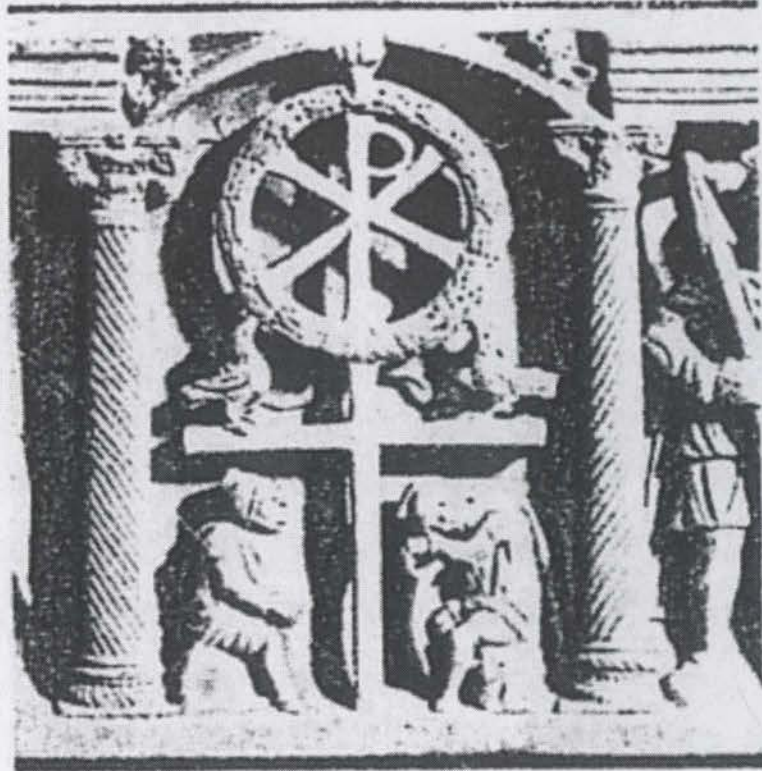
Book of Durrow, Four Evangelist Page (Werner 1990, Fig. 2)



Drumcliffe Cross, Co. Sligo, Detail of West Face Head ( **Harbison 1992, Fig. 221, Cat. 80**)

head, sixth century, British Museum  
(fac), Rome, Lateran Museum (Barber 1967, Fig 5)  
(Tillot Rice 1973, Fig 37)

FIG 64



Early Christian Sarcophagus (detail, central portion main face), Rome, Lateran Museum (Bober 1967, Fig 5)

FIG 65



Ivory – the Archangel Michael, sixth century, British Museum (Talbot Rice 1963, Fig 37)

FIG 66



A Depiction of Christ with a halo, holds gospel in left hand (945-959) (Rasponi 1990, Fig 18 Front) (Bober 1967, Fig 51)

FIG 67



Ampullae of the Holy Land, sixth century, Monza, side 1  
**(Bober 1967, Fig 51)** the wood of life from the holy sites  
 of Christ' (Rosa 1962, No. 87, Plate XLVIII)

FIG 68



Ampullae of the Holy Land, sixth century, Monza, side 2  
**(Bober 1967, Fig 51)** the wood of life from the holy sites  
 of Christ' (Rosa 1962, No. 87, Plate XLVIII)

FIG 69



Lead Ampulla, Palestine, sixth to early seventh century .  
Inscription reads 'Oil of the wood of life from the holy sites  
of Christ' (Ross 1962, No. 87, Plate XLVIII)

FIG 70



Reverse: Lead Ampulla, Palestine, sixth to early seventh  
century. Inscription reads 'The lord is risen' (Ross 1962,  
No. 87, Plate XLVIII)

FIG 71



Ampullae of the Holy Land, sixth century, Monza, side 1 (Rasponi 1990:146, Fig. 50)

FIG 72



Ampullae of the Holy Land, sixth century, Monza, side 2 (Rasponi 1990:146, Fig. 50)

FIG 73



Pilgrim *eulogia* flask, Saint Menas, Terracotta, sixth-seventh century (Vikan 1998, Fig. 8.13)

FIG 74



Pilgrim *eulogia* flask, Saint Menas, Terracotta, sixth-seventh century (Vikan 1998, Fig. 8.14)

FIG 75



Pilgrim *eulogia* ampulla, *locus sanctus* scenes, pewter, sixth-seventh century, Monza (Vikan 1998, Fig. 8.22)

FIG 76



Drawing Pilgrim *eulogia* ampulla, *locus sanctus* scenes, pewter, sixth-seventh century, Monza (Vikan 1998, Fig. 8.23)

FIG 77



Djvari, Aladashvili, South doorway (**Richardson 1984a, Plate 24 a**)

FIG 78



Djvari, Aladashvili, Lintel with Christ in a medallion (**Richardson 1984a, Plate 24 b**)



The Ascension and the Three Marys at the tomb; ivory plaque at Munich, Bayerisches Nationalmuseum (**Kessler 1993, Fig. 1**)

(862-870) (Rasponi 1914, Fig. 13 Reverse)

© Century - side 2 (Werner 1990, fig. 10)

FIG 80



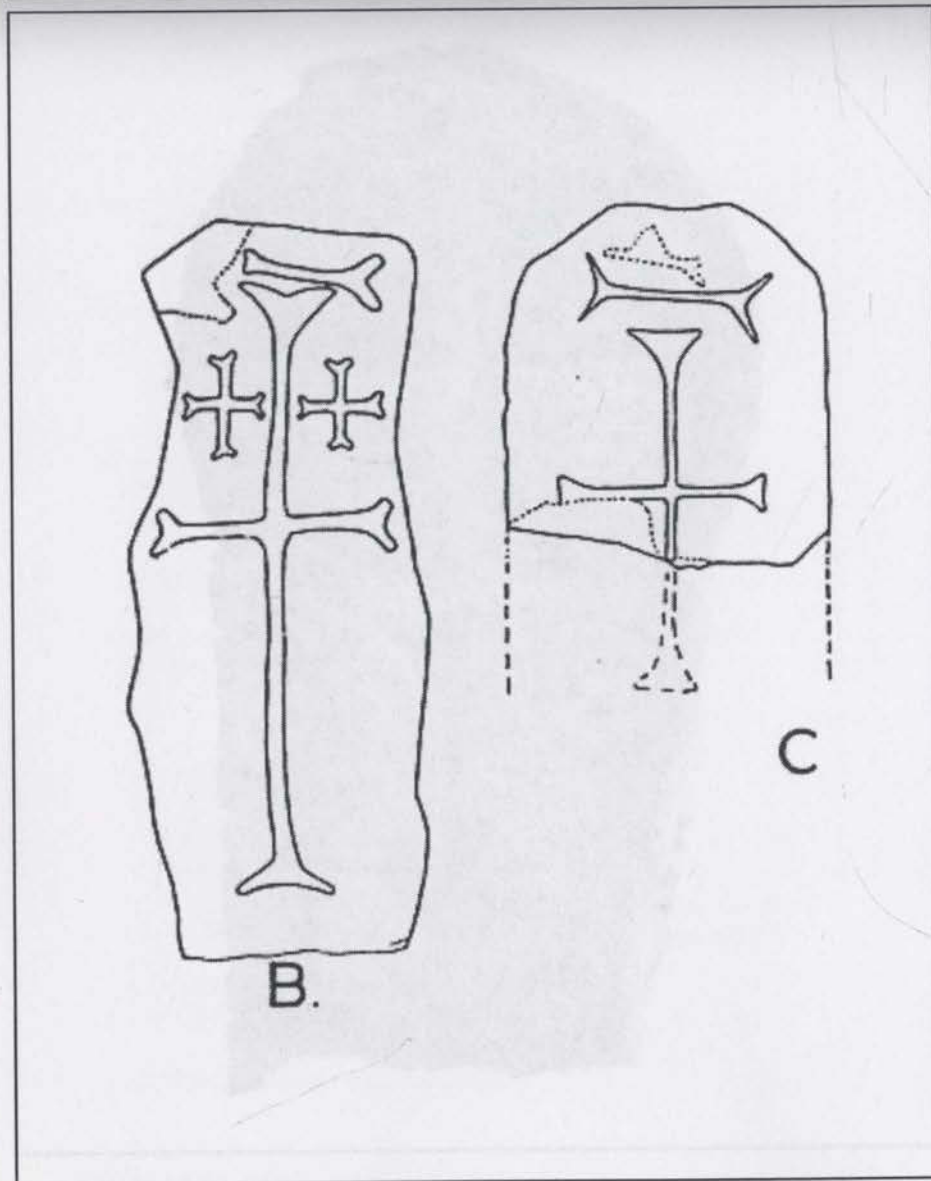
Coin, Image of Constantine VII and Basil I holding a cross (869-879) (Rasponi 1990, Fig. 13 Reverse)

FIG 81



Bishop Liudhard Medalet from Church of St. Martin, Canterbury - side 2 (Werner 1990, Fig. 10)

FIG 82



Cross-inscribed slabs (Fanning 1981, Fig 29 B and C)

FIG 83

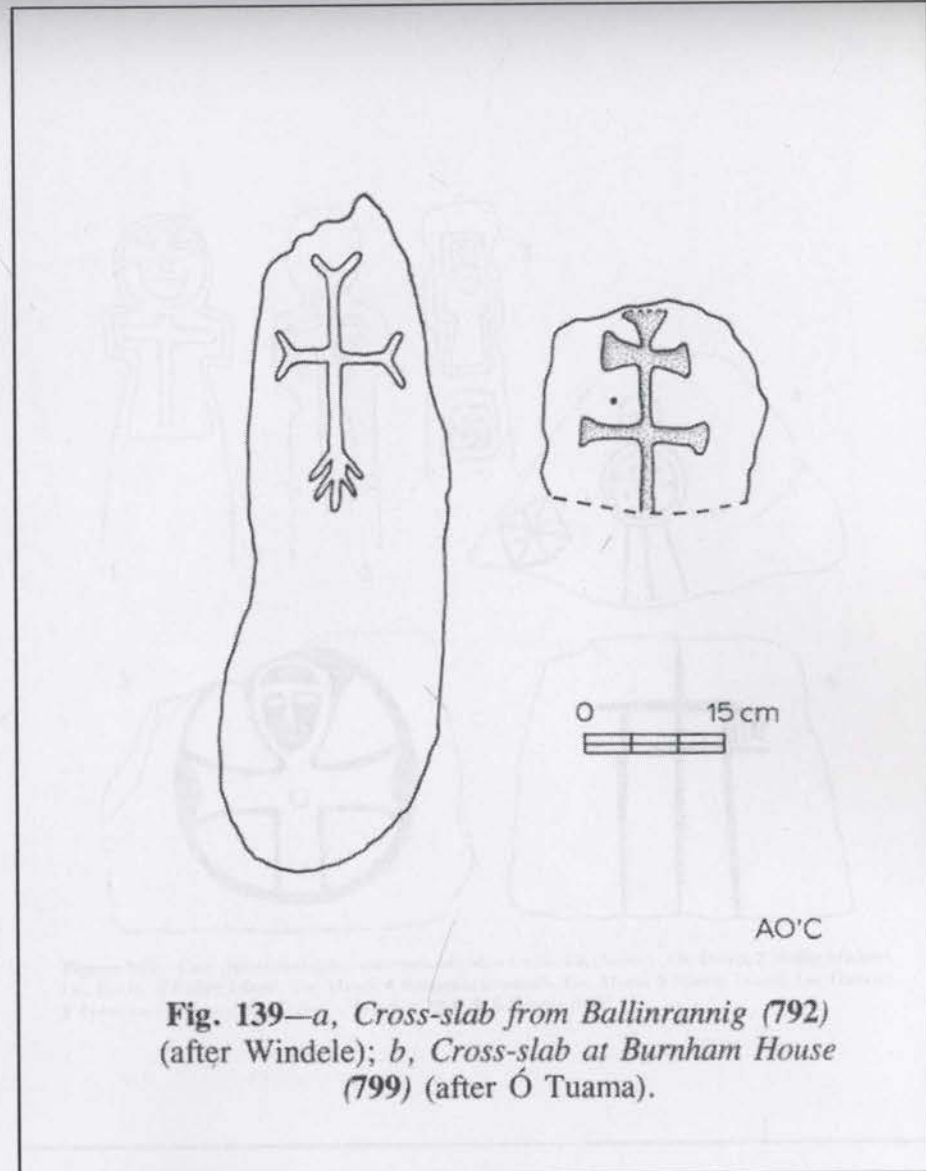


Fig. 139—*a*, Cross-slab from Ballinrannig (792) (after Windele); *b*, Cross-slab at Burnham House (799) (after Ó Tuama).

*a*. Cross-slab from Ballinrannig (792); *b*. Cross-slab at Burnham House (799). (Cuppige 1986, Fig 139)

FIG 84



Cross-inscribed slabs (Fanning 1981, PL. X, Stone G)

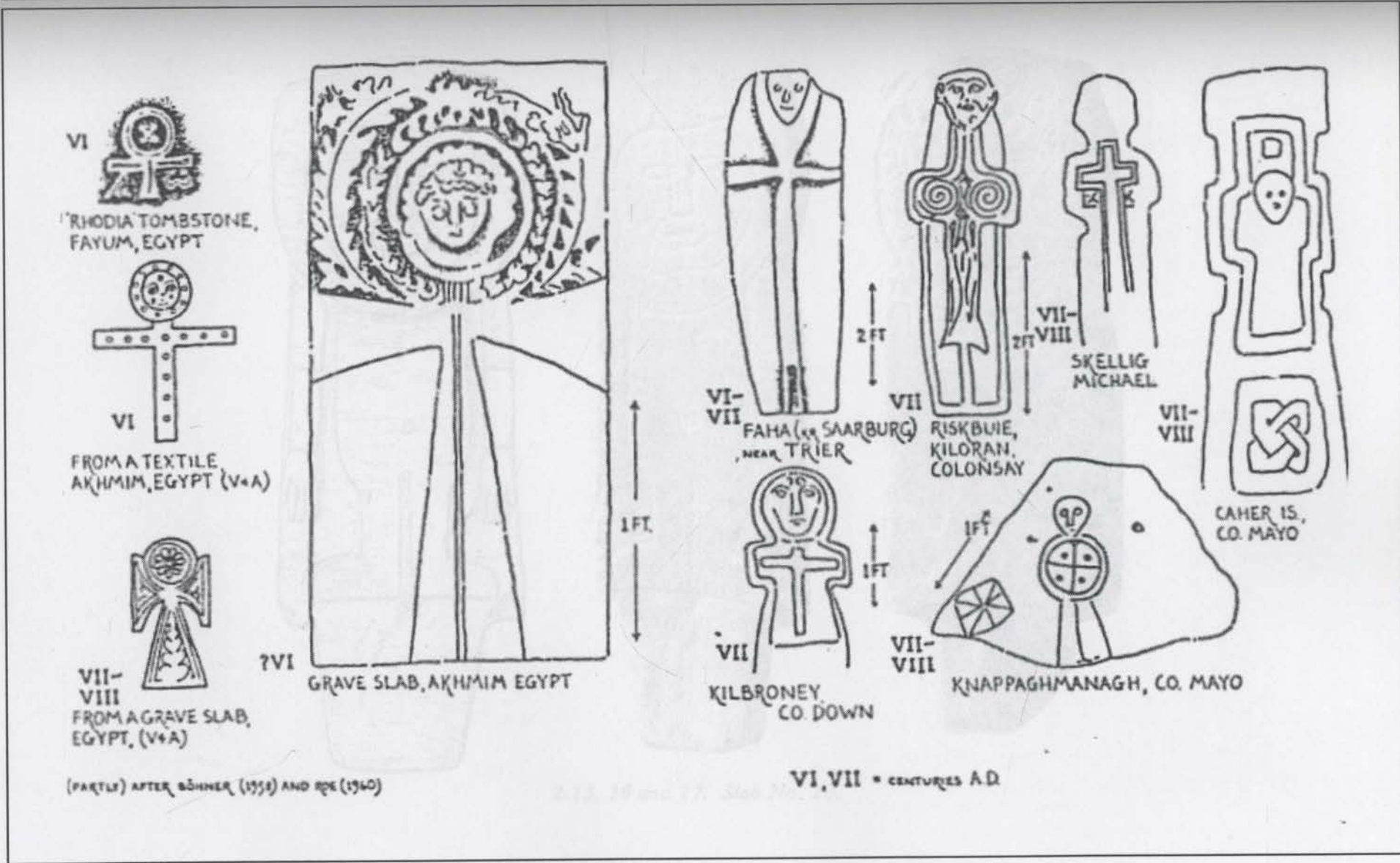
Examples of Face Cross group (Thomas 1971, fig. 83)

FIG 85



Figure 3.11 Face crosses and slabs, some possibly altar fronts. 1 Kilbroney, Co. Down; 2 Skellig Michael, Co. Kerry; 3 Cather Island, Co. Mayo; 4 Knappaghmanagh, Co. Mayo; 5 Mason Island, Co. Galway; 6 Tobernacroisseve, Co. Galway. 1-4 Roe 1960, 5, 6 Higgins 1987.

Face Crosses (Mytum 1992, Fig. 3.11)



Examples of Face Cross group (Thomas 1971, Fig. 61) *only 1987, Figs. 2:15, 2:16, 2:17*



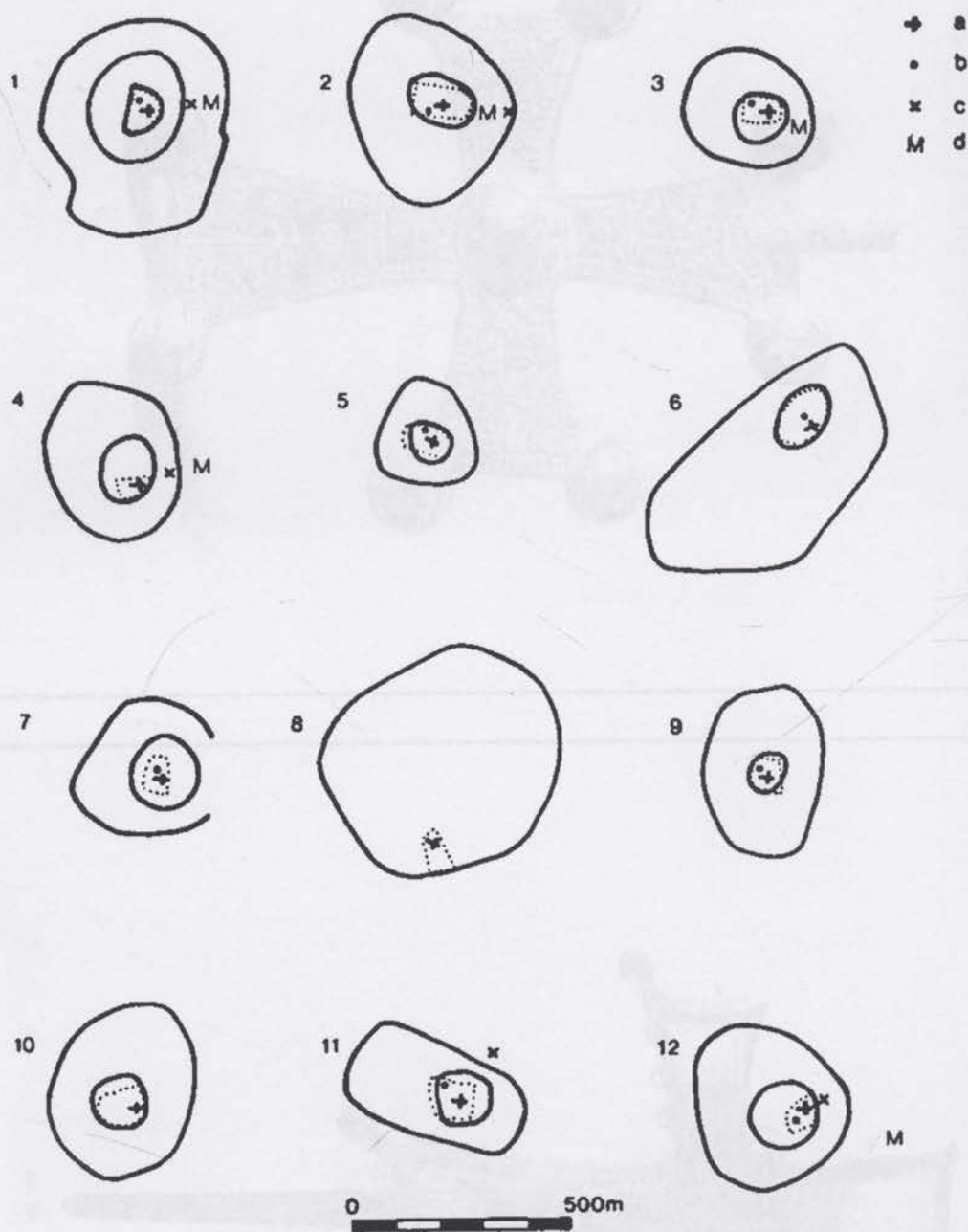


Figure 56: Proposed outline reconstructions of the enclosures of twelve of the larger ecclesiastical settlements of early medieval Ireland: 1. Armagh; 2. Kells; 3. Kildare; 4. Tuam; 5. Lusk; 6. Cashel; 7. Killala; 8. Finglas; 9. Monasterboice; 10. Lorrha; 11. Glendalough; 12. Downpatrick. Key: a. church or church site; b. round tower or site; c. market/high cross or site; d. market house/place/square/street. The dotted lines define the present extent of the churchyards.

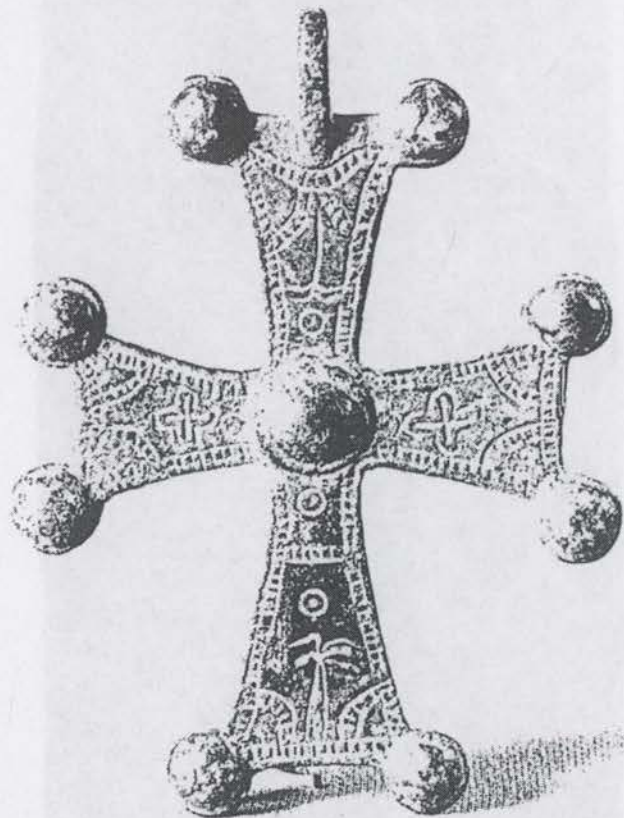
Reconstructions of twelve larger ecclesiastical settlements in early Medieval Ireland (Aitchison 1994. Fig. 56)

1962, No. 541

1962, No. 541

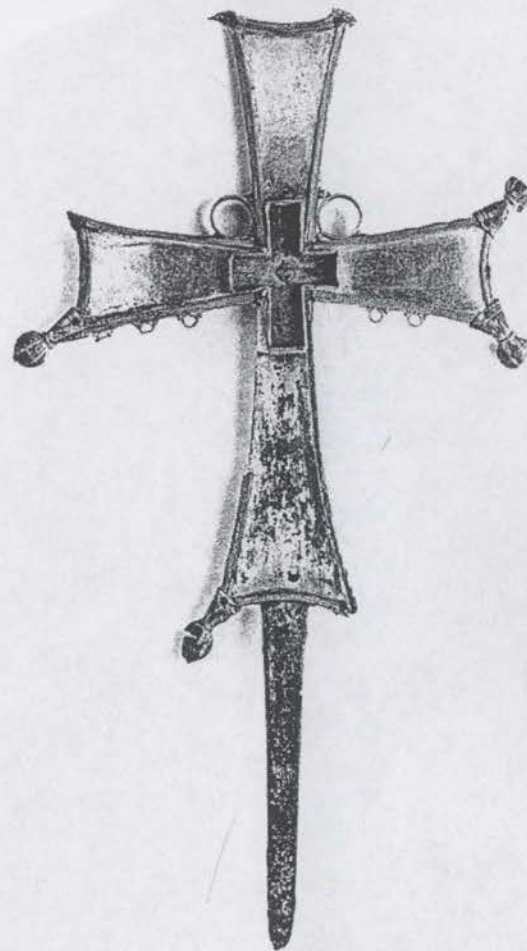
1962, No. 541

FIG 90



Bronze Pectoral Cross, Egypt, fifth to sixth century (Ross 1962, No. 64)

FIG 91



No. 68

Bronze Processional Cross, Constantinople, tenth century (Ross 1962, No. 68)

FIG 92



Eassie Priory Stone, front (Laing and Laing 1993, Fig. 103)

FIG 93



Eassie Priory Stone, back (Laing and Laing 1993, Fig. 103)

FIG 94



Portrait of St. John, with the tools of a scribe, centre detail, Fol. 291v., Book of Kells (Meehan 1994: 39, Fig. 37)

FIG 95



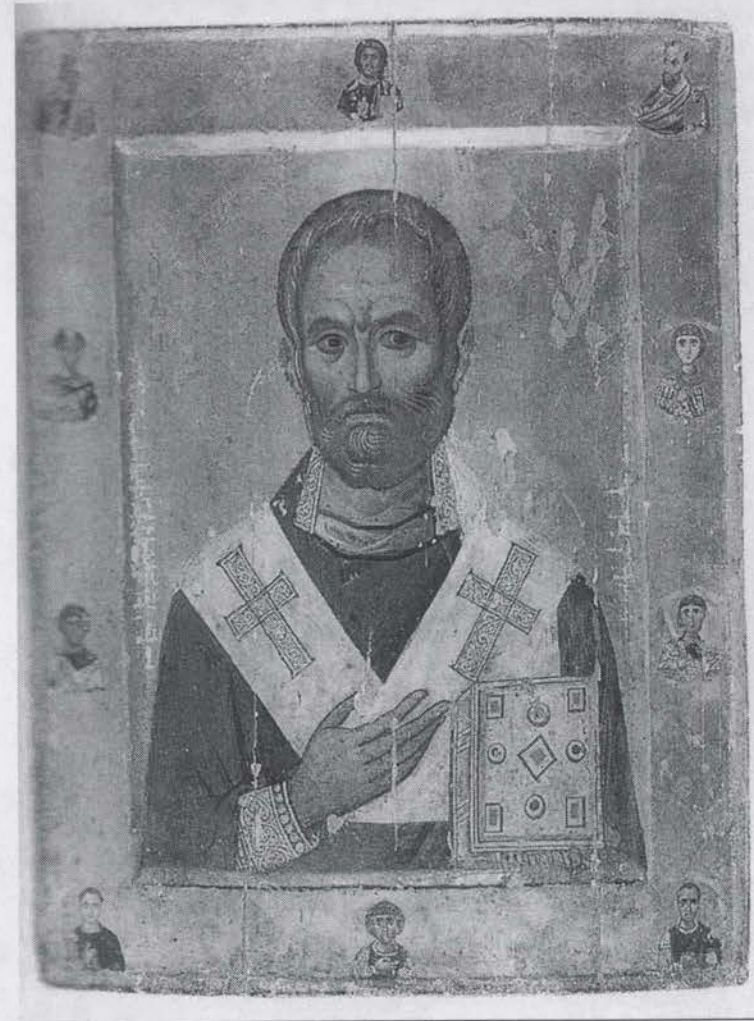
Chi-Rho Page, Book of Kells, Fol. 34r (Meehan 1994: 27, Fig. 27)

FIG 96



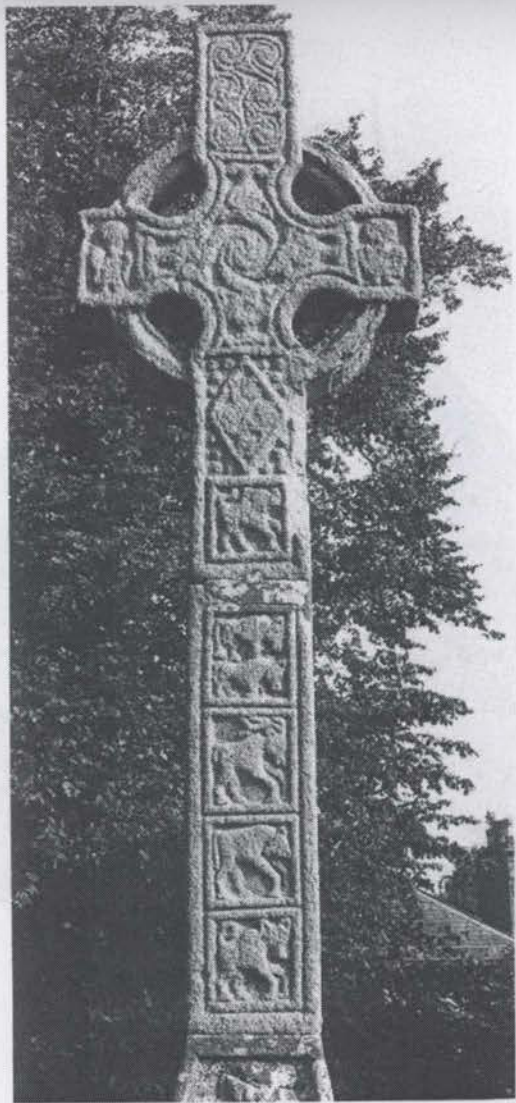
St. Ignatius the Younger, in the North typanum of the Hagia Sophia, late ninth century, Istanbul (**Mathews 1998, Fig. 38**)

FIG 97



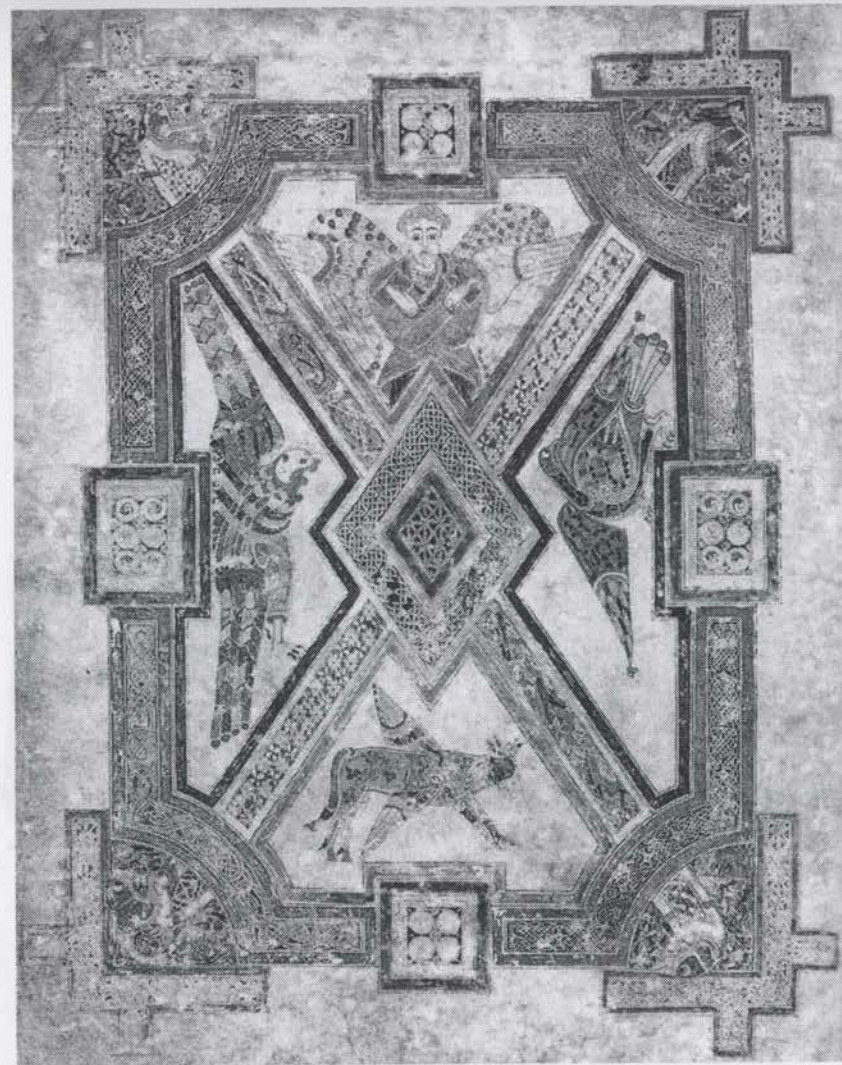
St. Nicholas, tenth century, tempera on board, Mount Sinai (**Mathews 1998, Fig. 39**)

FIG 98



Moone Cross, Co. Kildare. West Face ( **Harbison 1992, Fig 516. Cat. 181**)

FIG 99



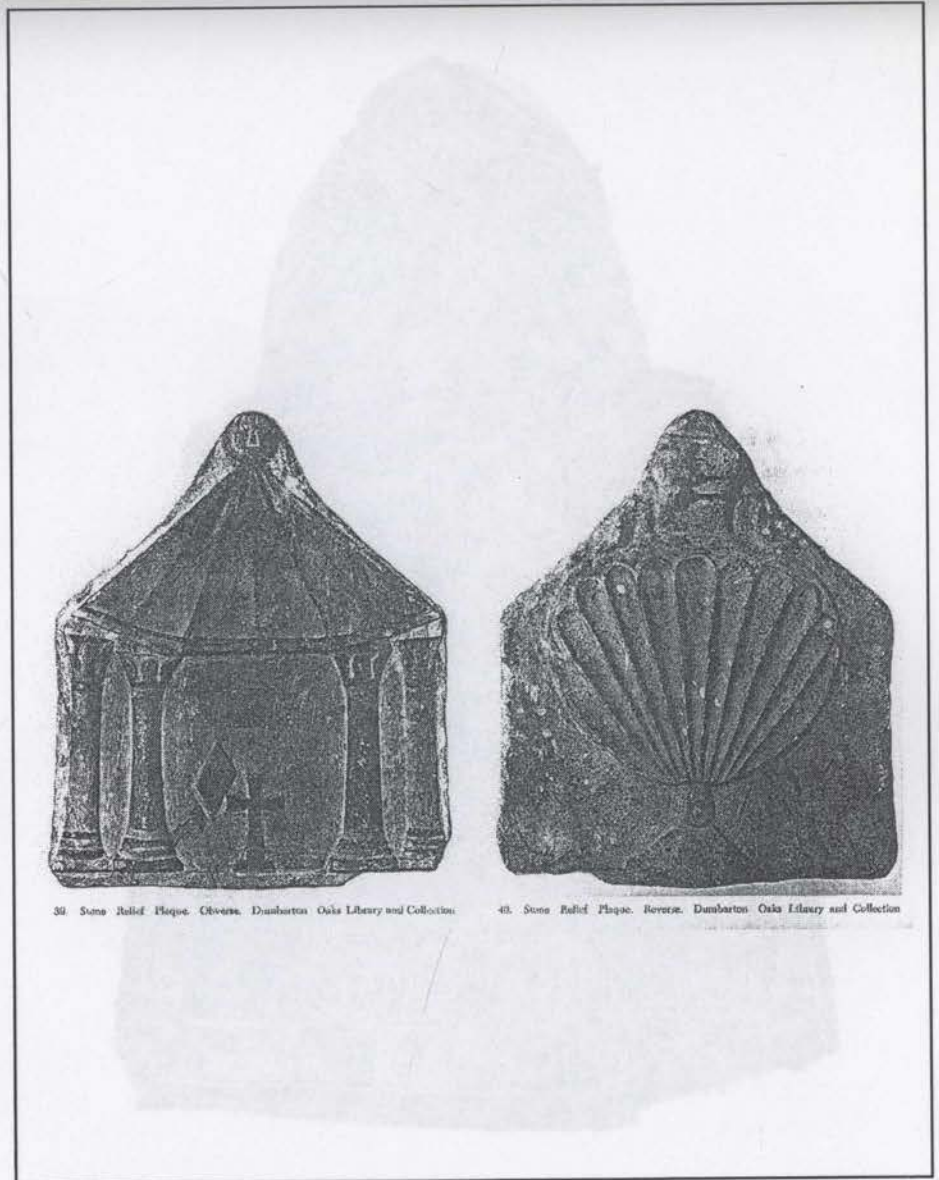
Symbols of the Four Evangelists, Fol. 290v, *Book of Kells* (**Meehan 1994: 39, Fig. 37**)

FIG 100



Ampulla, Monza, Cathedral Treasury (**Underwood 1950, Figs 42**)  
*one part later (Carr 1977, Fig. 56)*

FIG 101



39. Stone Relief Plaque. Obverse. Dumbarton Oaks Library and Collection.

40. Stone Relief Plaque. Reverse. Dumbarton Oaks Library and Collection.

Stone Relief showing rhomb to left of Cross (**Underwood 1950, Figs 39 and 40**)

FIG 102



'Corp Naomh' Bell Shrine, Templecross, Co. Meath, tenth century, some parts later ( **Cone 1977, Fig. 56** )

FIG 103



St. Patrick's Bell Shrine, early twelfth century ( **Cone 1977, Fig. 61** )

FIG 104



Fragment of the shrine formerly at Killua Castle, Co. Westmeath (VI-12) (**Crawford 1923**); **Armstrong (1921: 51)** dated to eighth century



Crucifixion Detail, Bobbio (Roe 1965, Fig. 7.2), on three steps (831-944) (Rosponi 1990, Fig. 10 Reverse)

Great cross of Nicephorus II, with quadrifoil medallion in center with Nicephorus's head (963-969). (Rosponi 1990, Fig. 20 Reverse)

FIG 106

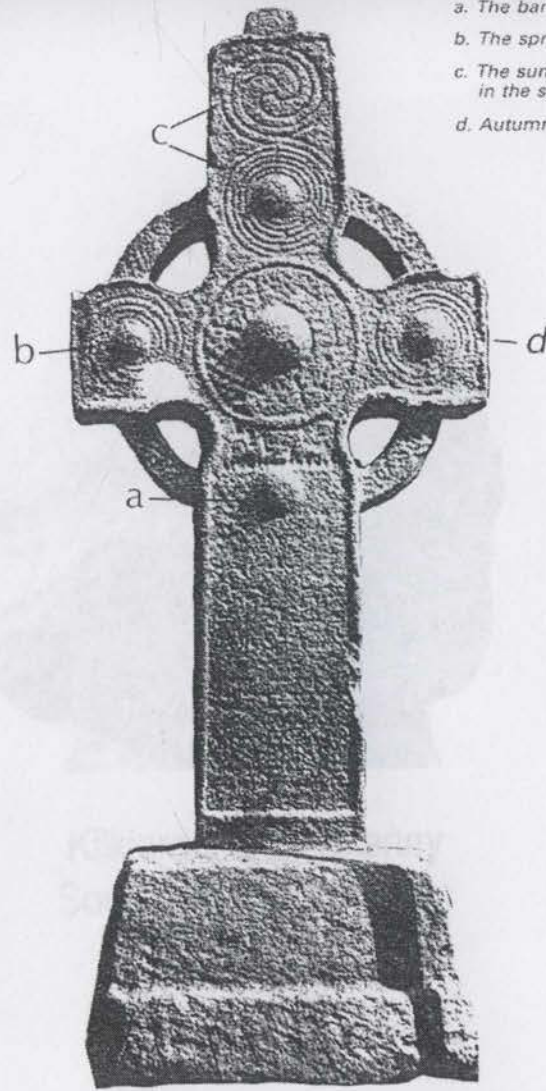


Great cross with Roman medallion in centre of cross, on three steps ( 931-944) (**Rasponi 1990, Fig. 16 Reverse**)

FIG 107



Great cross of Niceforo II, with quadribolate medallion in centre with Niceforo's head (963-969). (**Rasponi 1990, Fig 20 Reverse**)

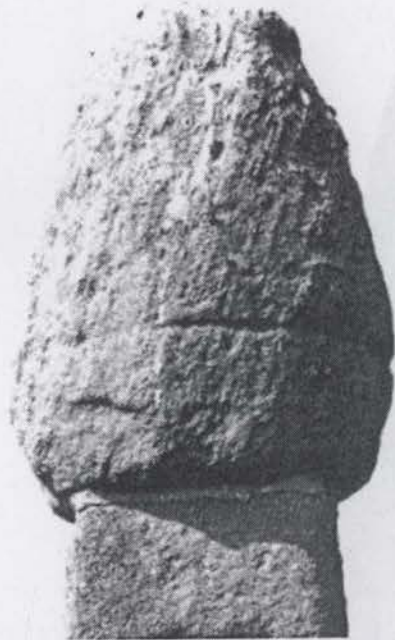


- a. The bare winter sun, below.
- b. The spring sun unfolding in spirals.
- c. The summer sun, expanding powerfully in the spiral and surging upwards.
- d. Autumnal equinox with reversed spiral.

Kilkierna, Co. Kilkenny  
West Cross, East Face

Aberny North Cross, West Face

The west face of the cross at Kilree, Co. Tipperary (**Streit 1984, Fig. 60**)



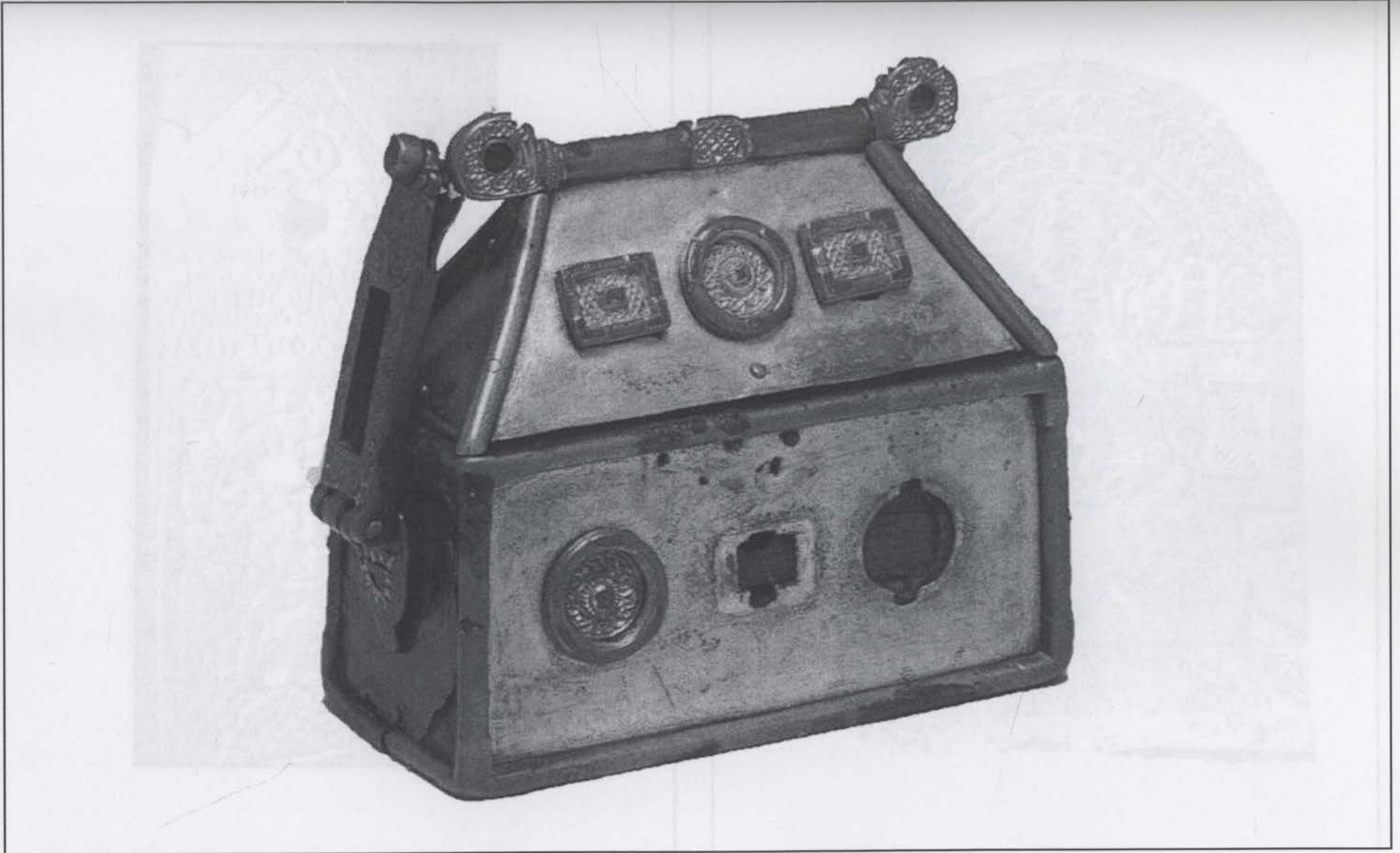
Kilkieran, Co. Kilkenny  
West Cross, East Face



Kilkieran, Co. Kilkenny  
South Cross, East Face



Ahenny North Cross, West Face



Upper half of stela from Arrant. The main element is the *Tant stela of Jacob*. London, British Museum, inv. no. 1619 (Badawy 1976, Fig 3.205) *Beckwith 1953, Fig 128*

Reliquary from Monymusk, Britain, which held the relic of Columba (**Laing and Laing 1993, Plate 11**)

FIG 111



Upper half of stelae from Armant. The main element is the eagle with a *crux immissa*, carved in flat technique (B.M 1619) (Badawy 1978, Fig 3.205)

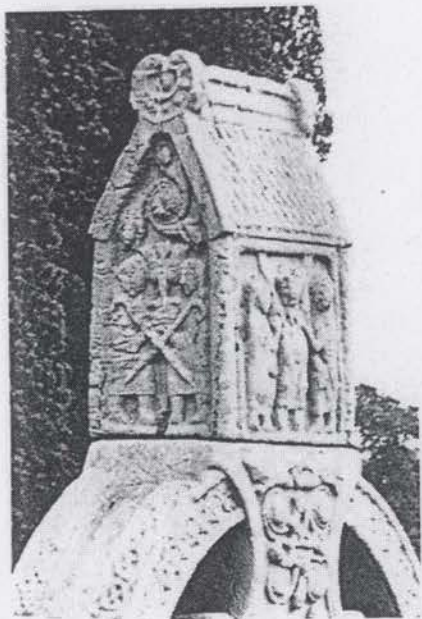
FIG 112



Tombstone of Jacob, London, British Museum, prov. unknown, seventh-eighth century (Beckwith 1963, Fig 128)

FIG 113

a

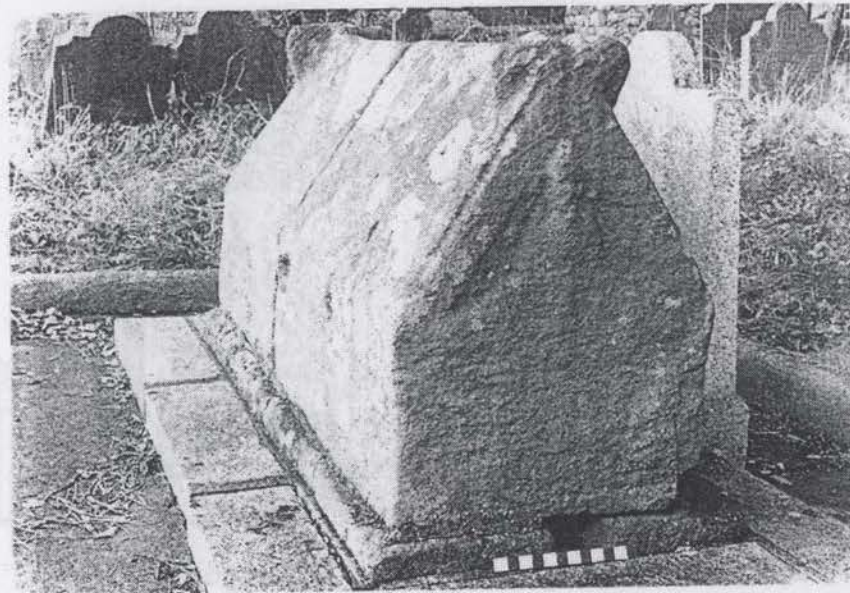


b



a. Capstone of Muiredach's Cross, Monasterboice, Louth; b. Capstone of Durrow Cross, Offaly (Richardson 1984a, Plates 2a and 2b)

FIG 114



'Sarcophagus', Clones, Monaghan, from south-east (Richardson 1984a, Plate 2c)

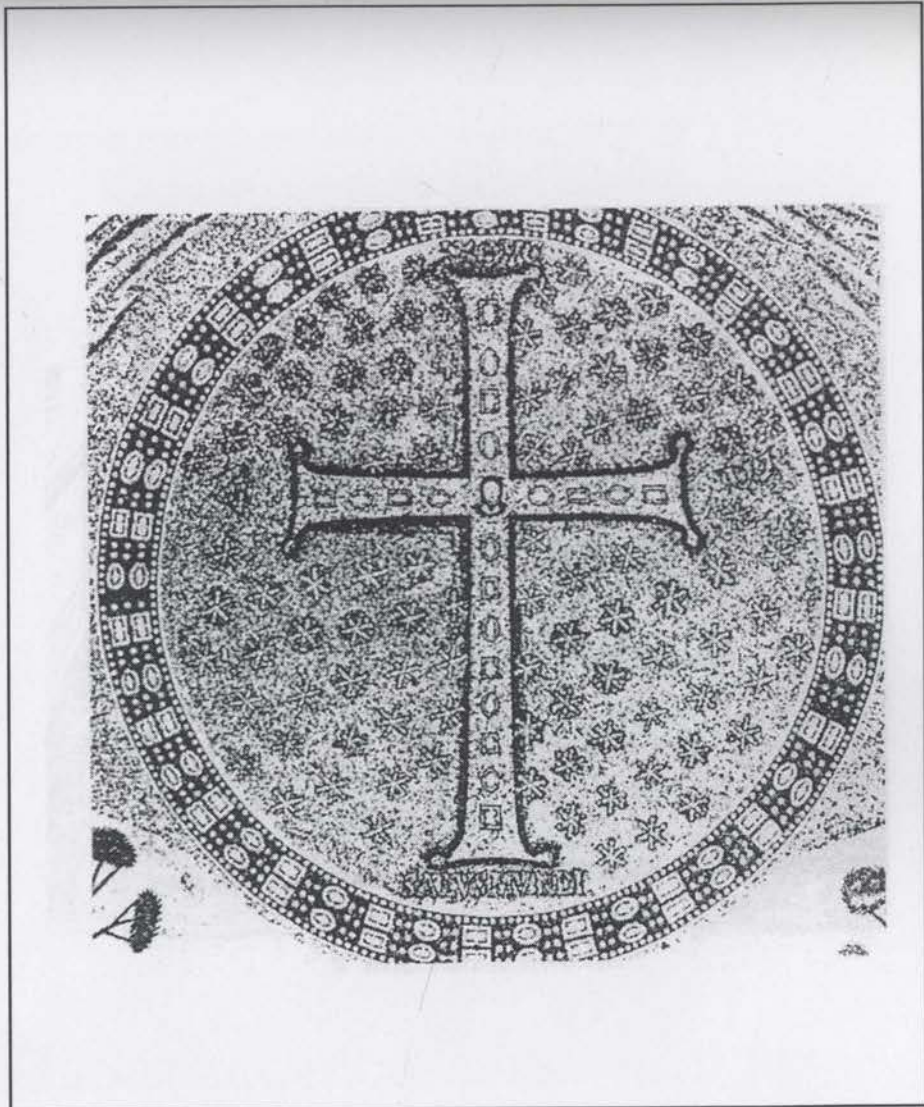


FIG 116



Palestinian silver disk, bearing very stylised renderings of the Ascension, The Resurrection shown as an empty tomb, and the Crucifixion, seventh century ( **Talbot Rice 1963, Fig. 31** )

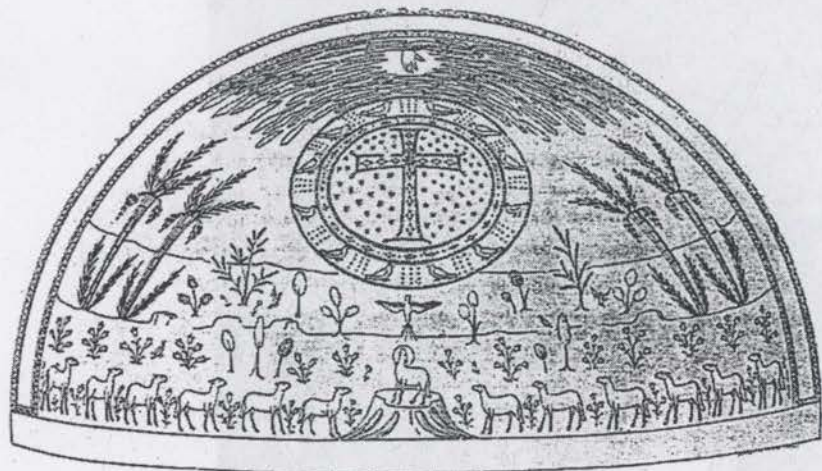
FIG 117



Mosaic, Ravenna, S. Apollinare in Classe, sixth century ( **Richardson 1984a, Plate 10b** )

Mosaic, Rome, S. Pudenziana, c. 400 A.D. ( **Werner 1990, Fig. 20** )

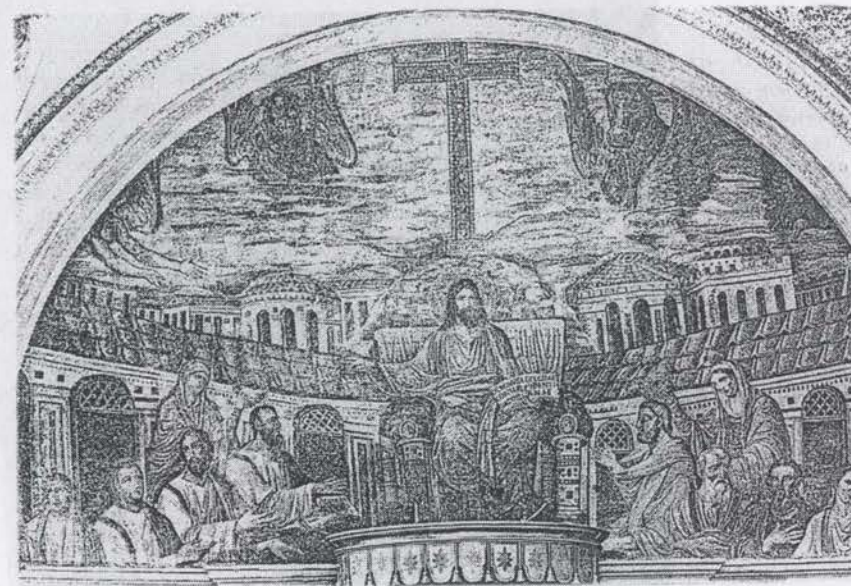
FIG 118



31. Basilica of St. Felix, Nola. Apse Mosaic. Reconstruction of Wickhoff

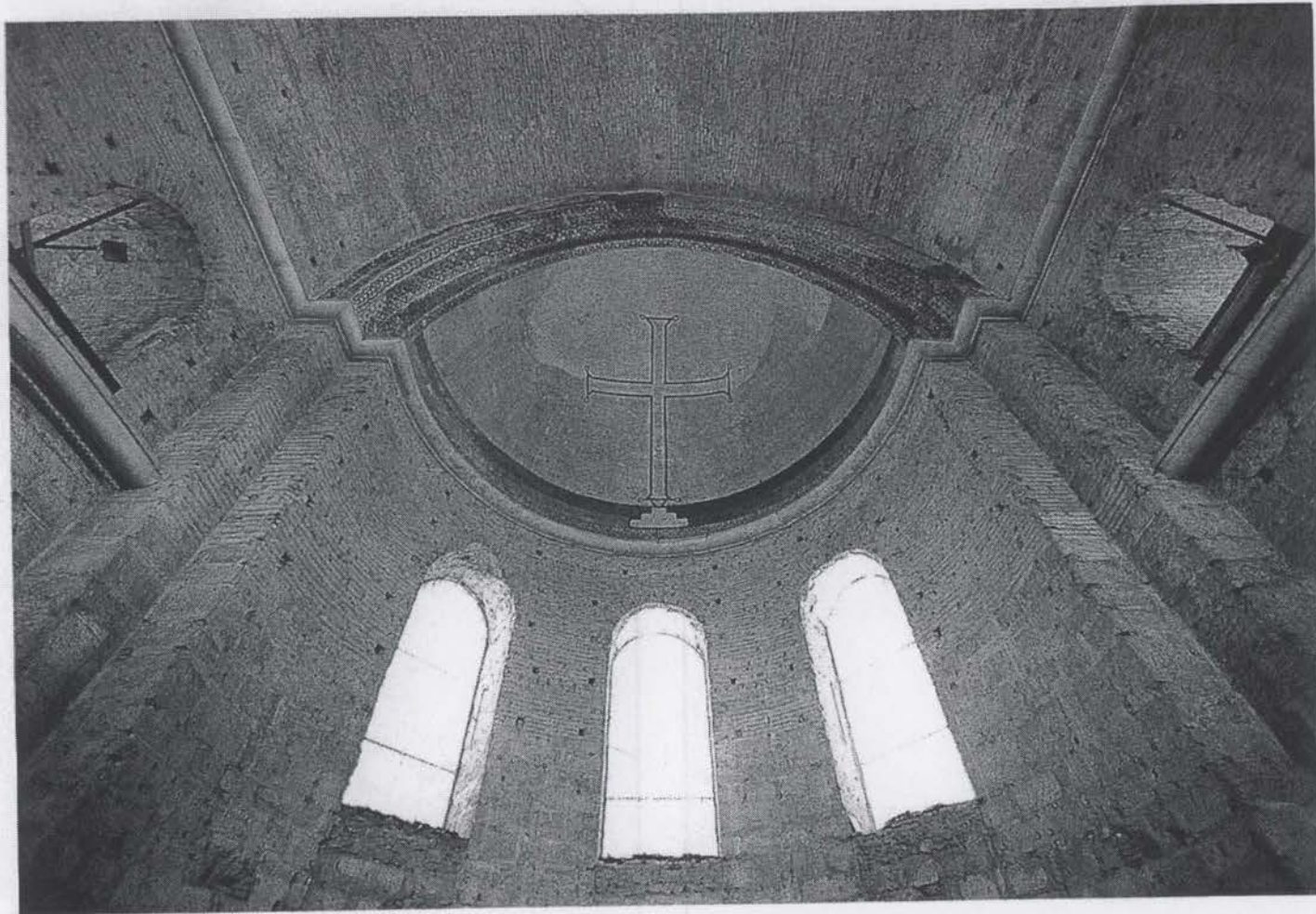
Basilica of St. Felix, Nola. Apse Mosaic. (Underwood 1950, Fig 31)

FIG 119



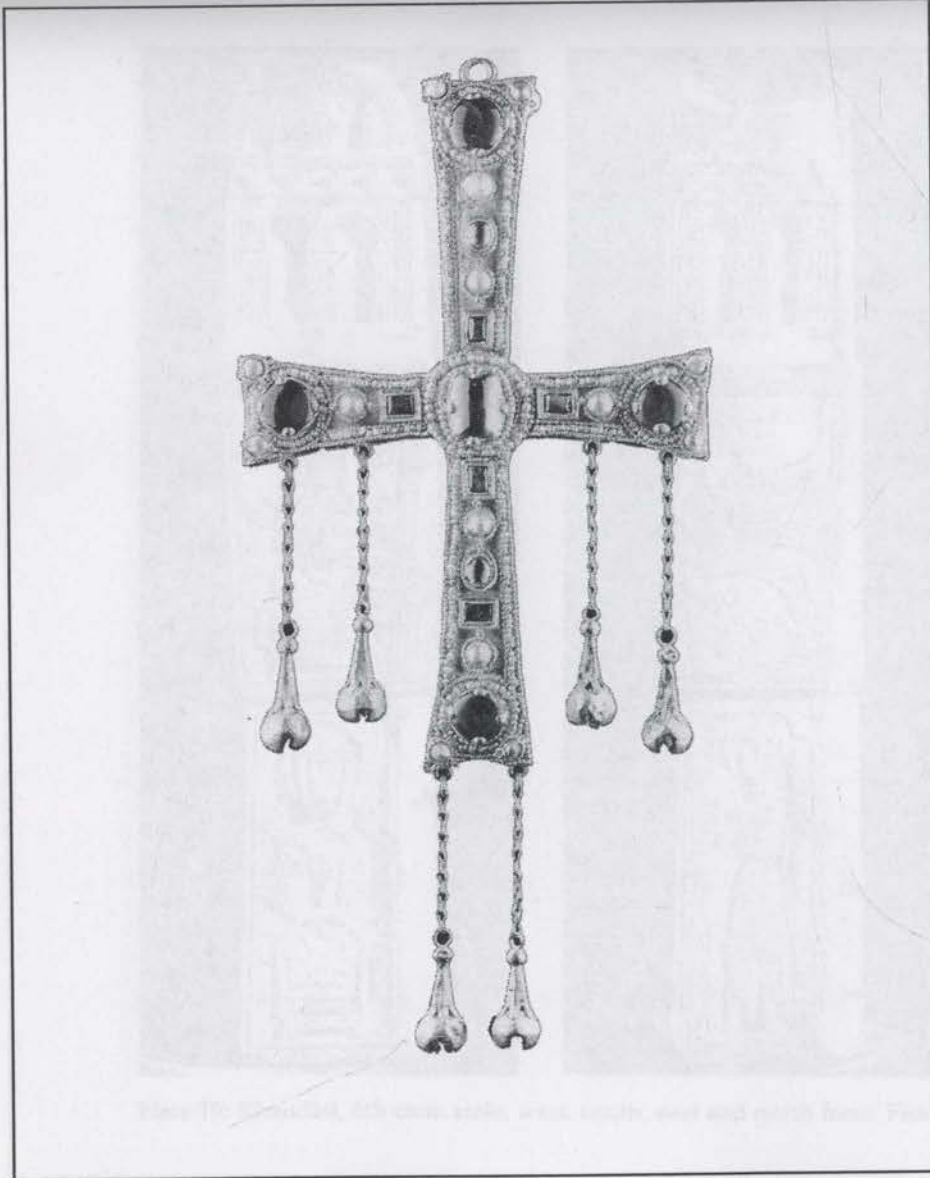
Mosaic, Rome, S. Pudenziana, c 400 A.D. (Werner 1990, Fig. 20)

FIG 120



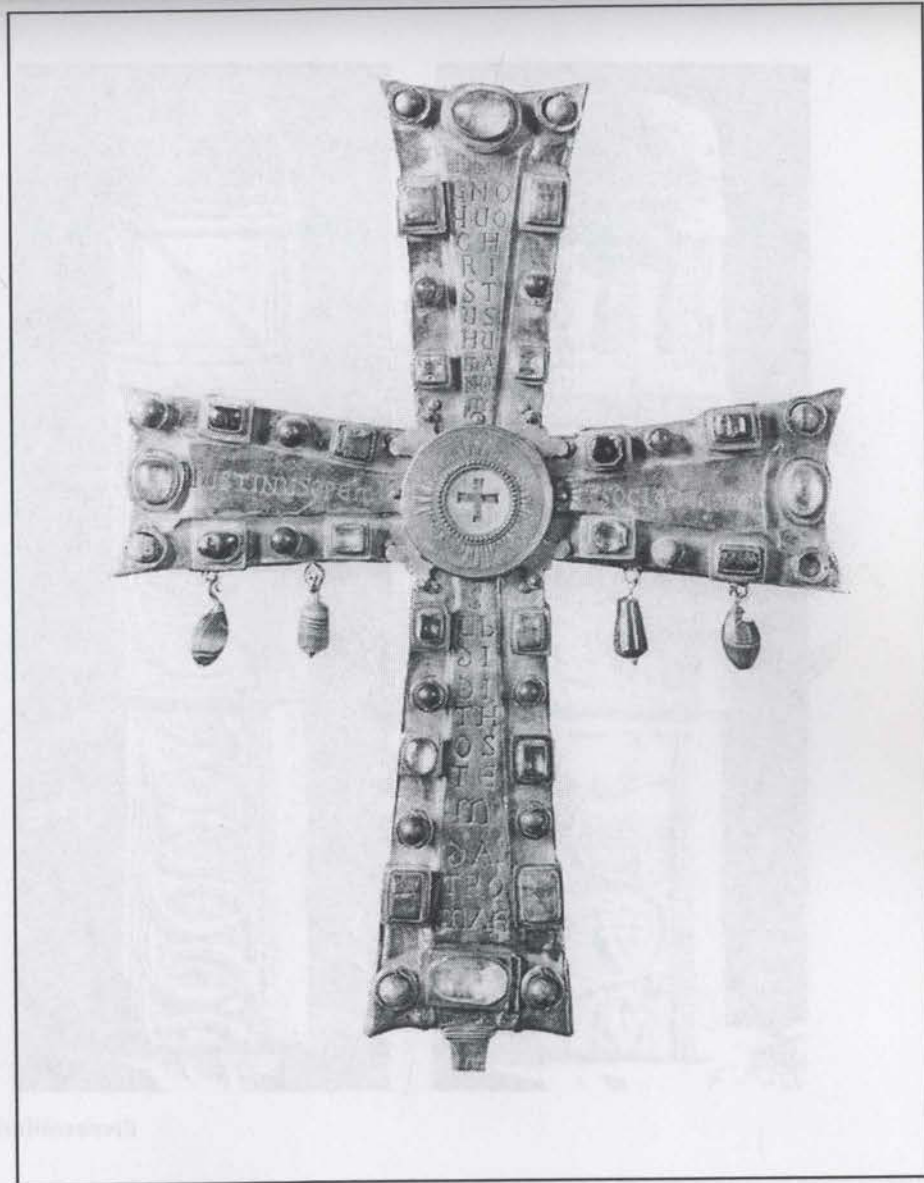
Cross in the Apse of St. Irene, Istanbul , eighth century (**Durand 1999: 68**) presented to Rome by the Emperor Justin II around 575 A.D. (Talbot Rice 1963, Fig. 50)

FIG 121



Cross of Agilulfo, sixth to seventh century, Monza (**Rasponi 1990:146, Fig. 54**)

FIG 122



Cross presented to Rome by the Emperor Justin II around 575 A.D. (**Talbot Rice 1963, Fig. 50**)

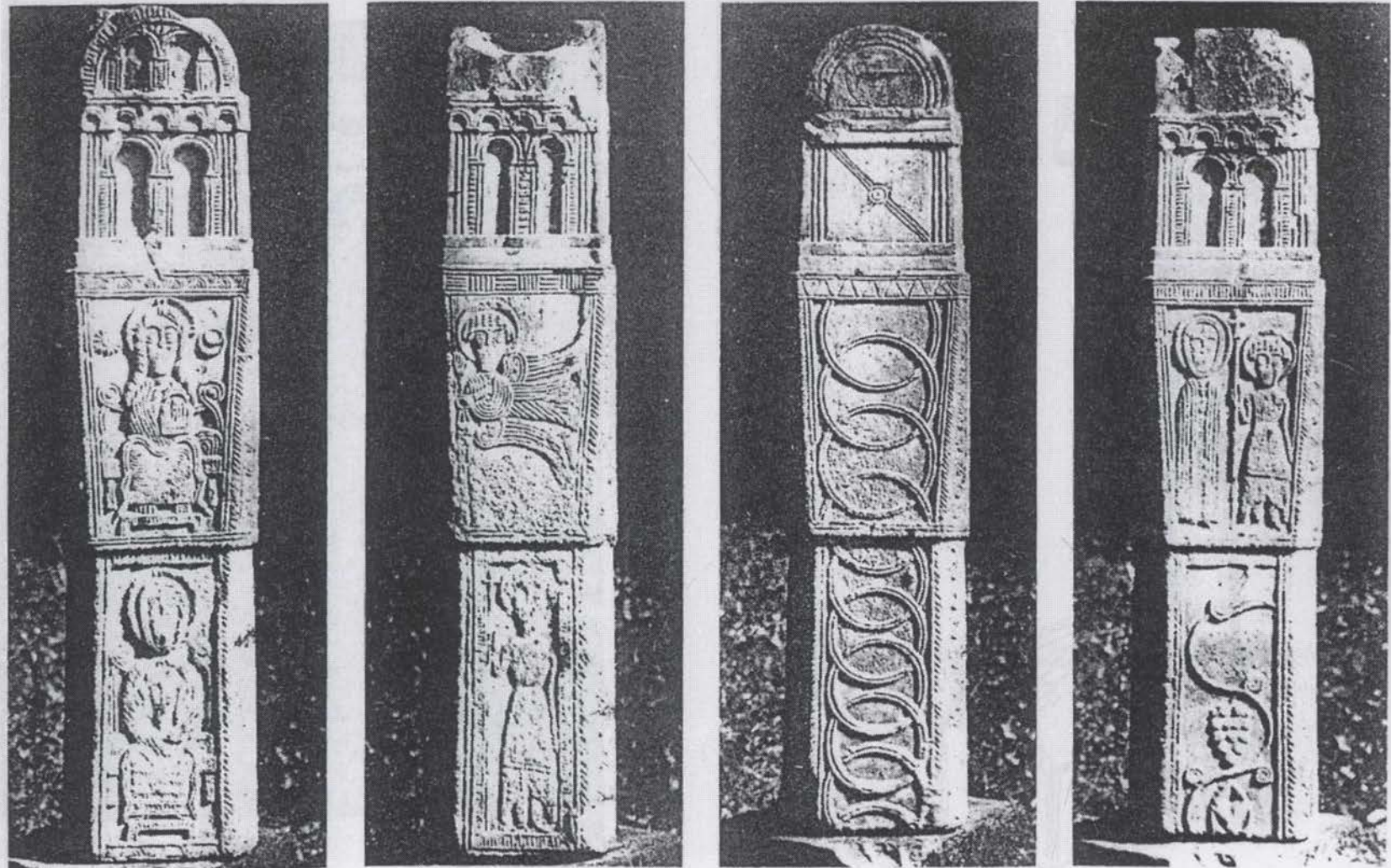


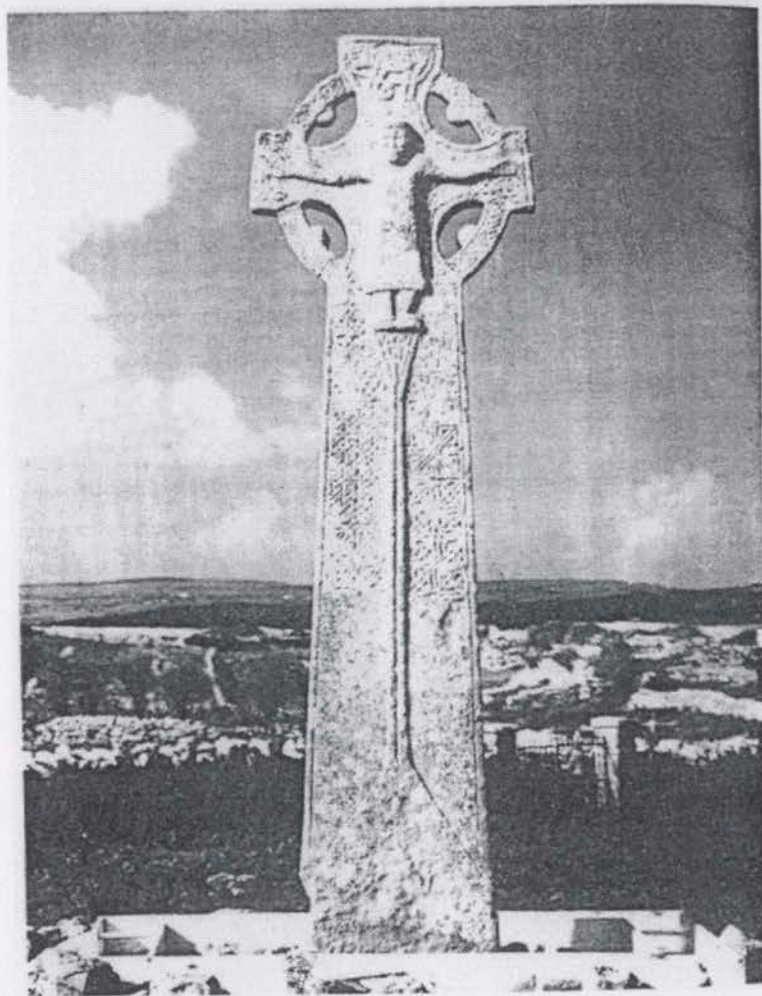
Plate 19: Khandisi, 6th cent. stele, west, south, east and north faces. From Chubinashvili

Khandisi, 6<sup>th</sup> cent. Stele, west, south, east and north faces. From Chubinashvili (**Richardson 1984a, Plate 19**)

1984, illus. 51

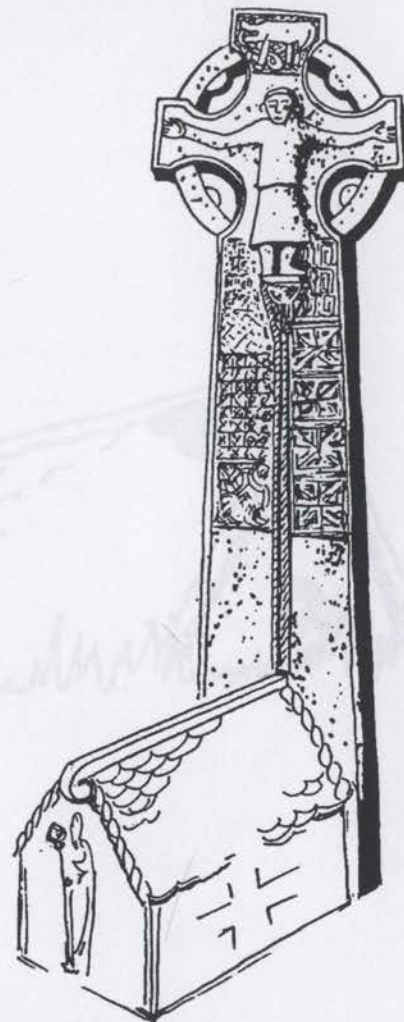
Co. Clare (O'Farrell 1984, illus. 7)

FIG 124



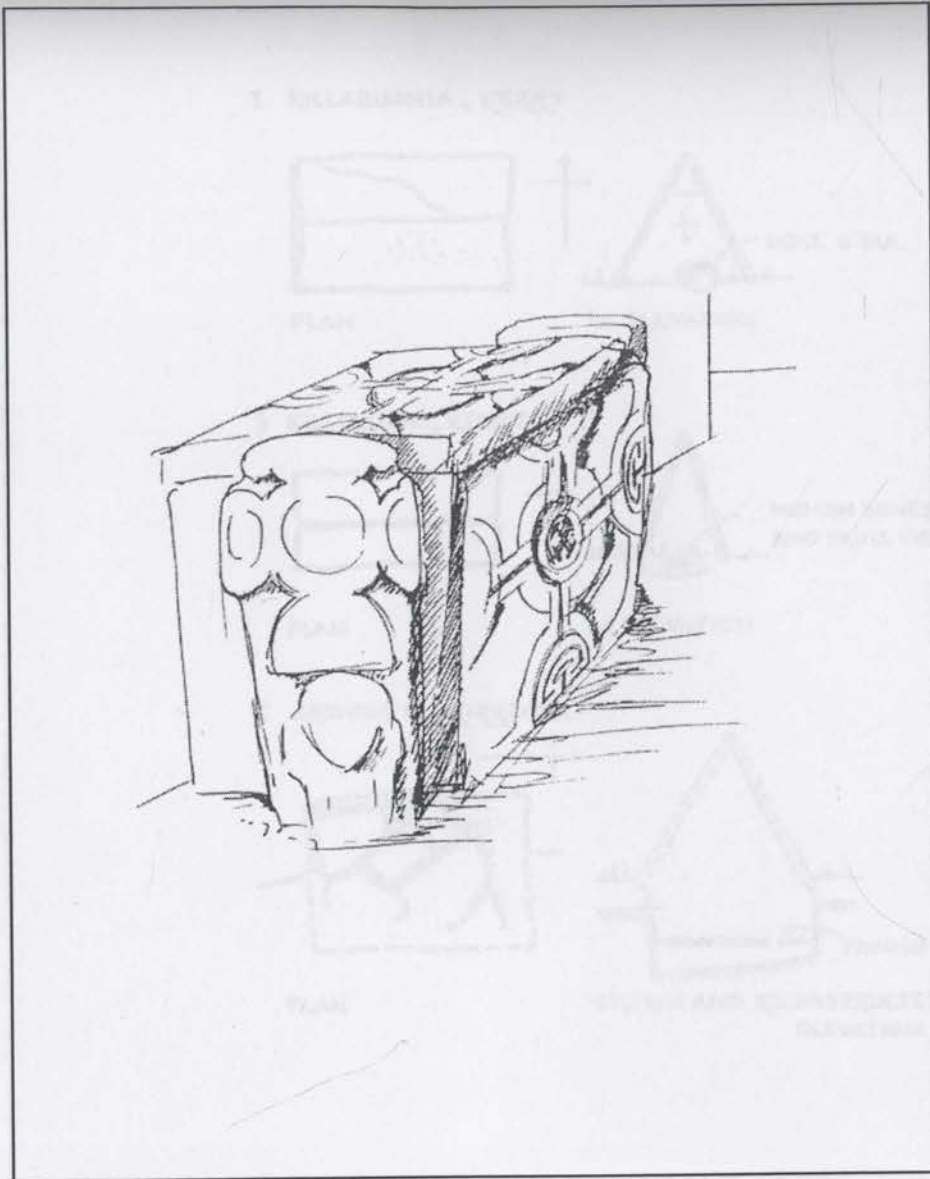
'The cross in the field', Kilfenora, Co. Clare. (O'Farrell 1984, Illus. 5)

FIG 125



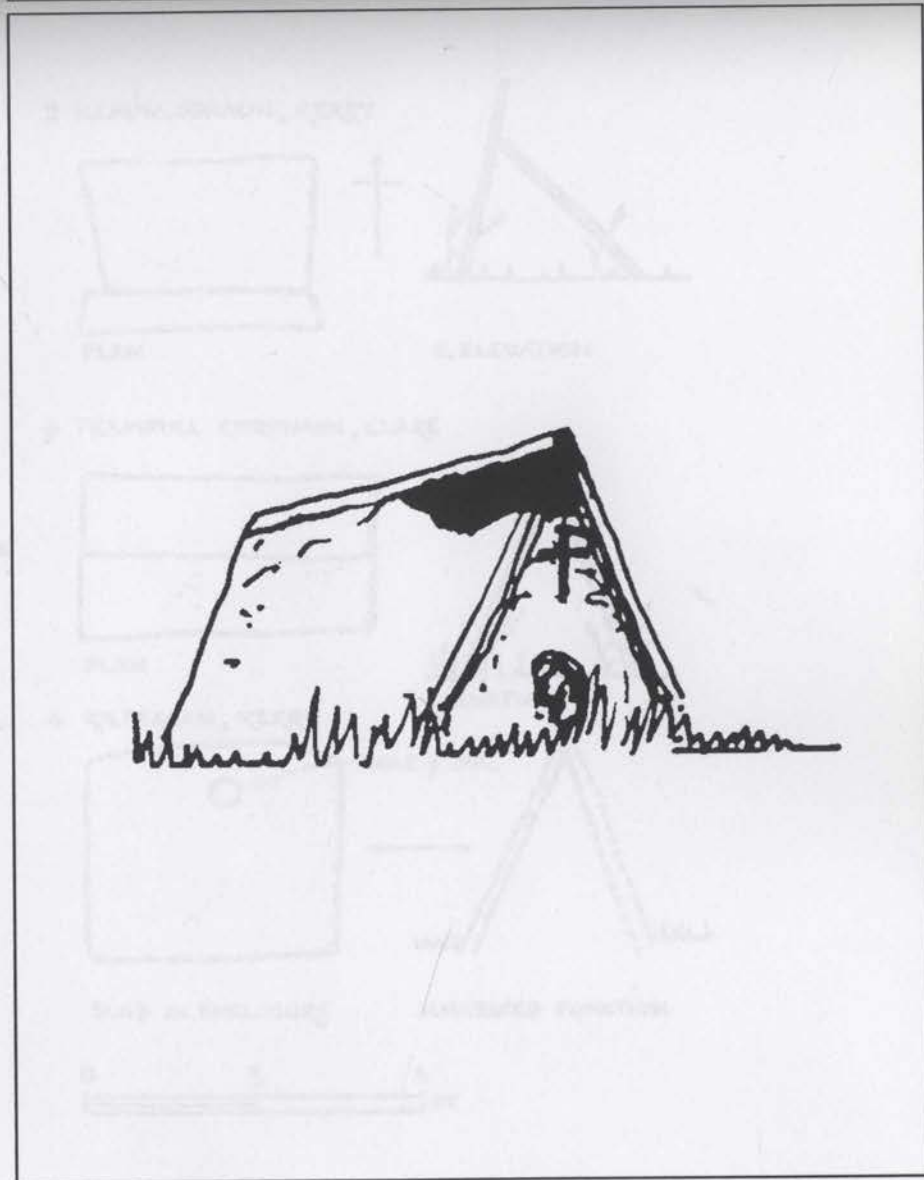
Reconstructed drawing of 'The cross in the field', Kilfenora, Co. Clare. (O'Farrell 1984, Illus. 7)

FIG 126



Sketch suggesting the reconstruction of tomb-shrine at Ardoileán. (Herity 1990, Fig. 33a)

FIG 127

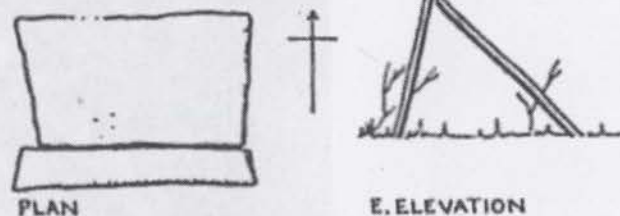


Stone tomb from Killabuonia, Co. Kerry (O'Farrell 1984, Illus. 2)

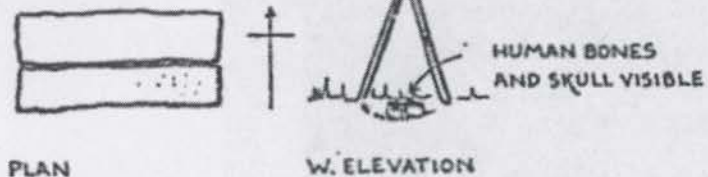
1 KILLABUONIA, KERRY



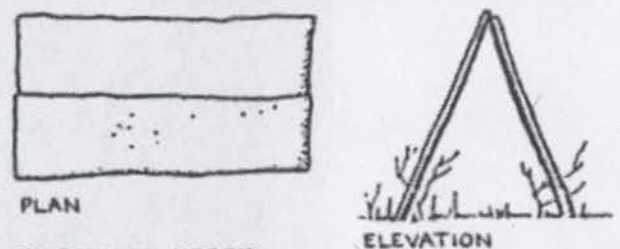
2 ILLAUNLOGHAUN, KERRY



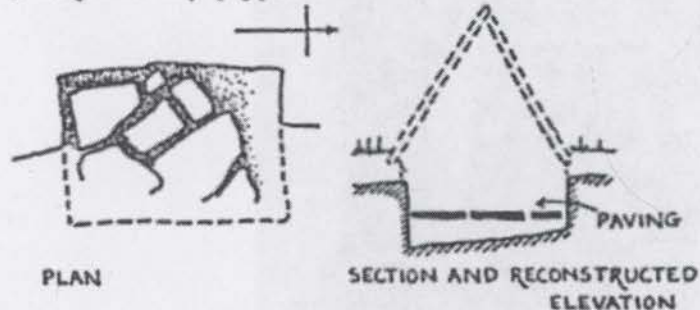
3 KILLOLUAIG, KERRY



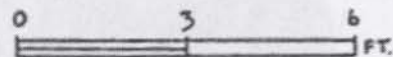
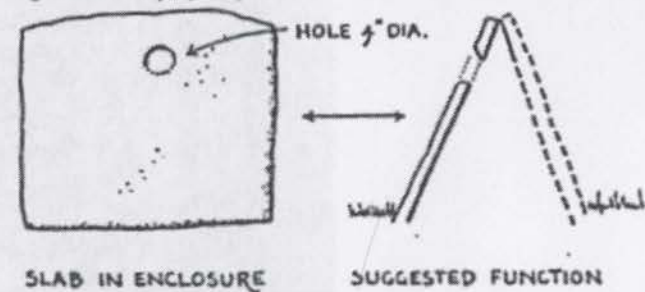
4 TEAMPULL CHRONAIN, CLARE



5 ARDWALL IS., KIRKCUDS.



6 KILPEACAN, KERRY



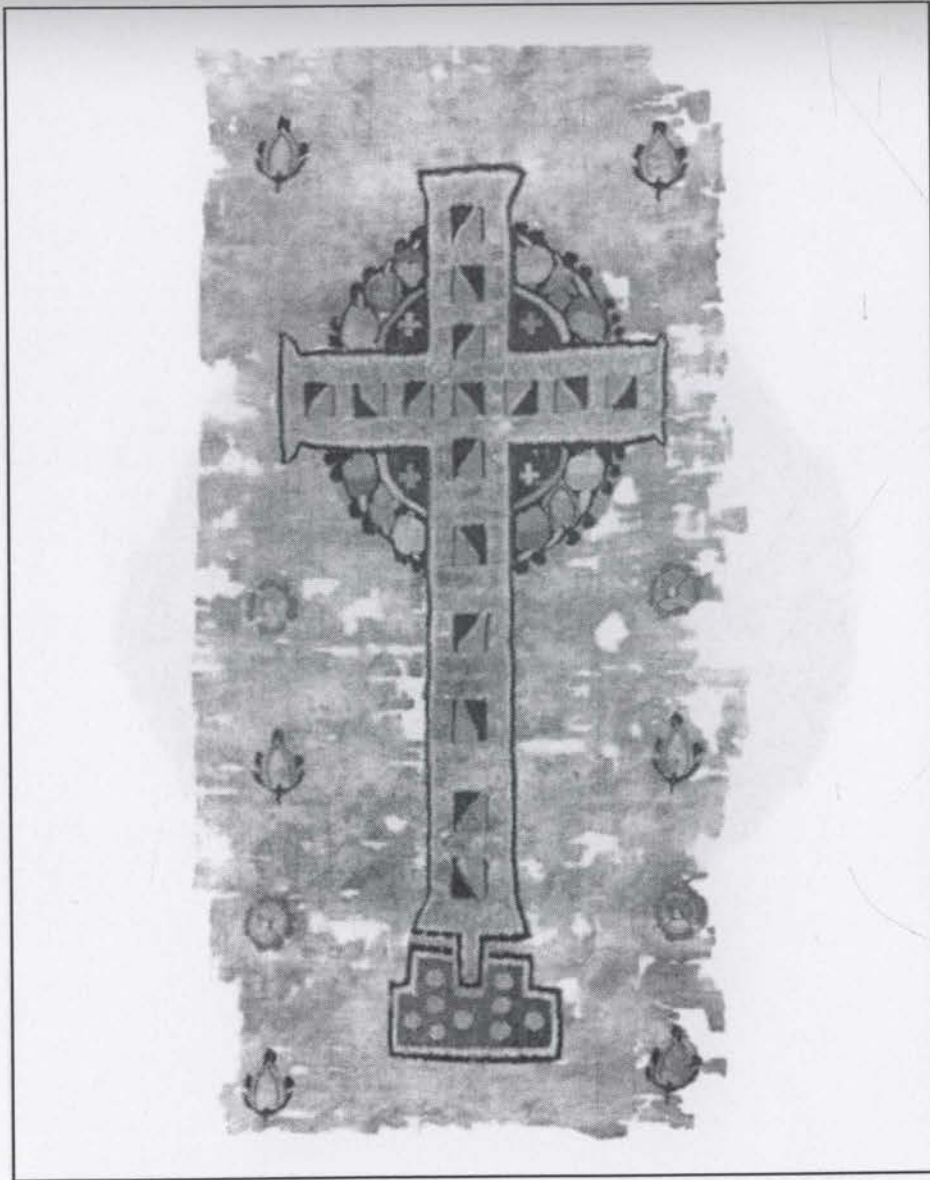
Slab shrines of the fifth (?) and seventh A.D. (Thomas 1971, Fig 63)



The Temptation, Book of Kells, Fol. 202v (Meehan 1994: 11, Fig. 6)

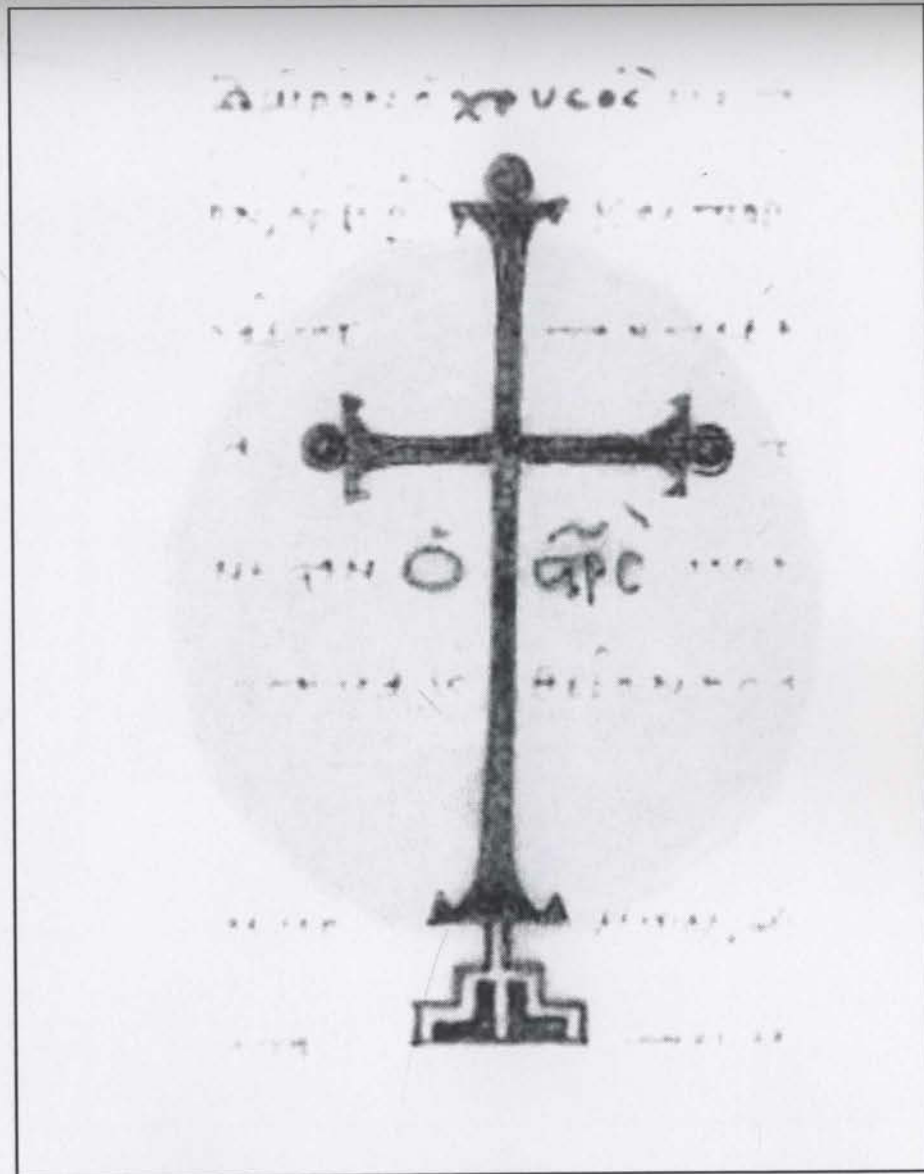
Cross from Detail of the center of the The Heavenly Ladder  
at Princeton Library, Garrett 16, fol. 194r, written by a  
11th century abbot of Mount Sinai known as John Klimax  
(Soycenko 1998, Fig. 7.39)

FIG 130



Textile from Coptic Egypt, thought to date from the sixth century (Stalley 1996, Fig 6.)

FIG 131



Cross from Detail of the center of the The Heavenly Ladder Page, Princeton Library, Garrett 16, fol. 194r, written by a sixth century abbot of Mount Sinai known as John Klimax (Sevcenko 1998, Fig. 7.39)

FIG 132



Silver Coin, Constantine's cross on globe and three steps (615-638 (**Rasponi 1990, Fig. 8 Reverse**))

FIG 133



Coin, Cross on four steps (610-641) (**Rasponi 1990, Fig 7. Reverse**)

FIG 134



The Wilton Cross, Anglo-Saxon. Second quarter of the seventh century. Features *solidus Heraclius*, other side features Heraclius and Heraclius Constantine  
(Webster and Backhouse 1991: 172, Fig. 134)

FIG 135



Lower half of *stèle* with the eagle between the two columns of the aedicula. The background was painted yellow and the elements of the architecture outlined in black (B.M 606)  
(Badawy 1978, Fig 3.209)

FIG 136



Stela of Pleinos with the reader showing symbols of Christianity within a slight frame having only two small pilasters (B.M 679; A.D. V-VII) (Badawy 1978, Fig 3.207)

FIG 137



Etchmiadzin, Khatchk'ar, ninth -tenth century (Der Nersessian 1977, Fig 151)

FIG 138



Silver medallion of Constantine struck at Tricium (north Italy), C. 315. A disk with a chi-rho is on his brow.  
(Alchermes 1998, Fig 1.2)

FIG 139

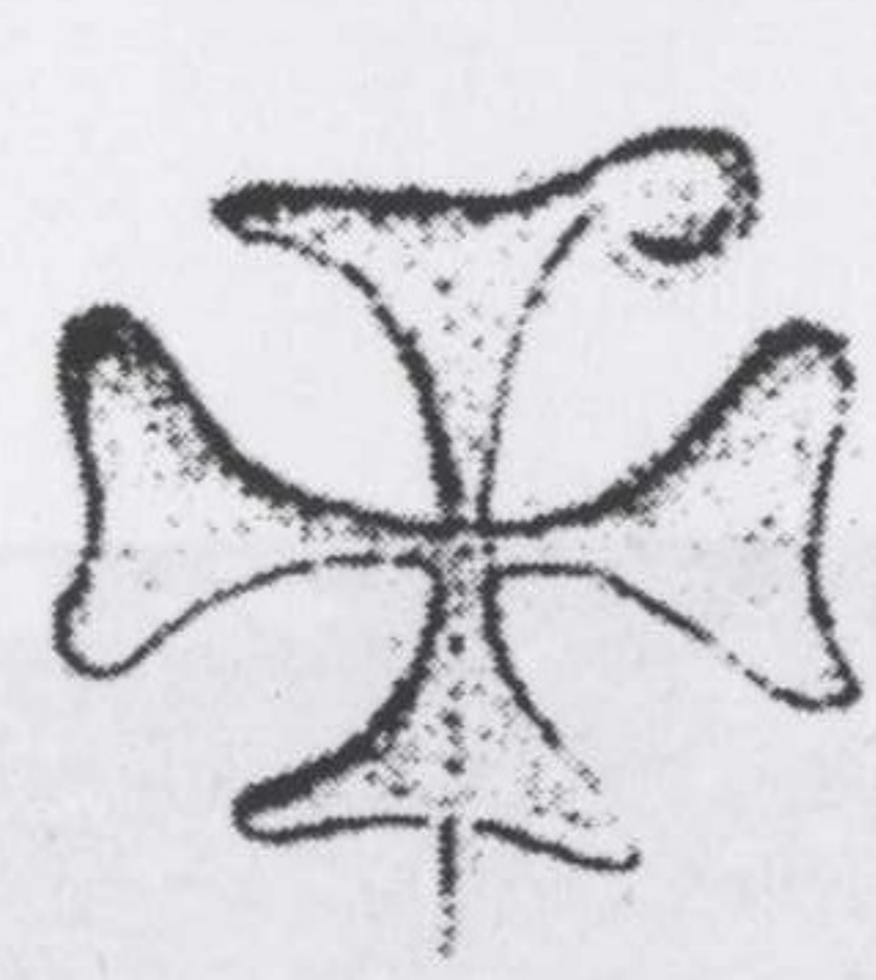


Sion Treasure, silver paten with cusped border and gilded Christogram, Diameter 60.5cm, made in Constantinople, mid-sixth century (Ousterhout 1998, PL. VII.a)

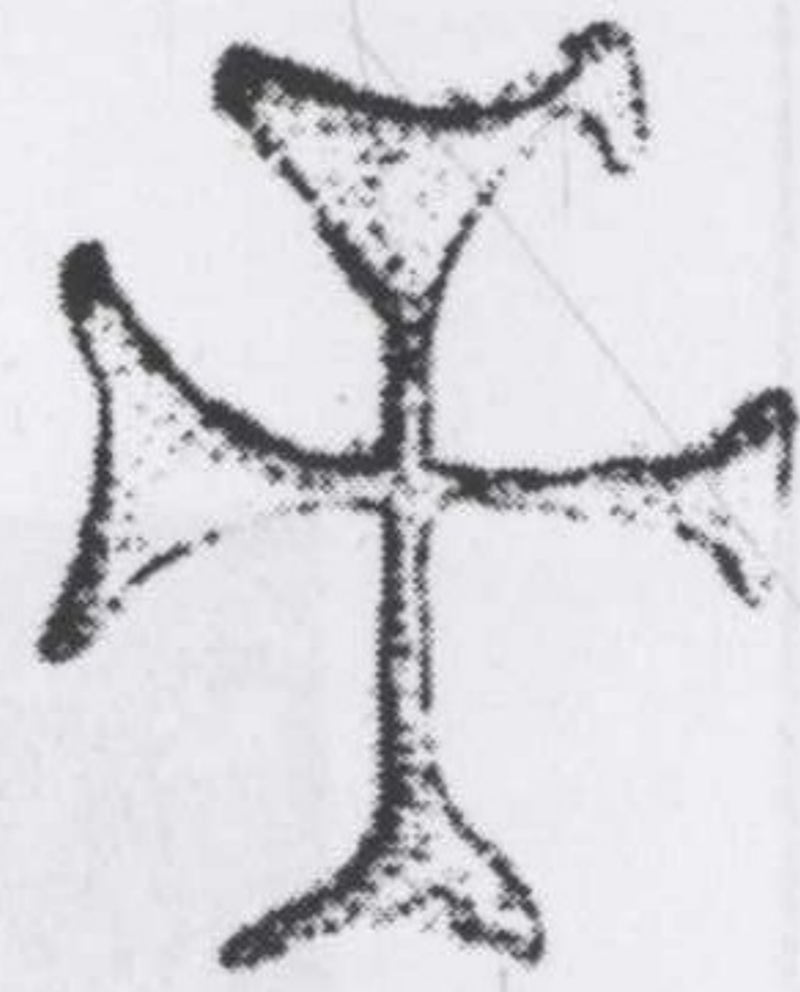


Mosaic with the emperor Justinian, the bishop Massimiano and the court, seen north-east of the apse of the presbytery, c. 540, Ravenna, S. Vitale (**Rasponi 1990: 63**)

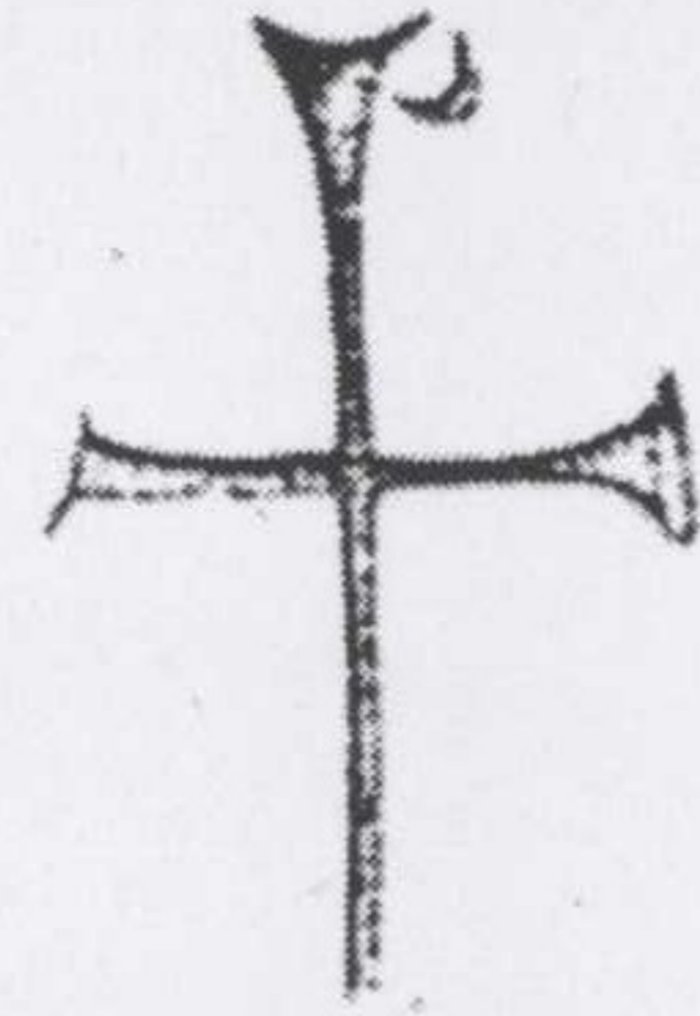
FIG 141



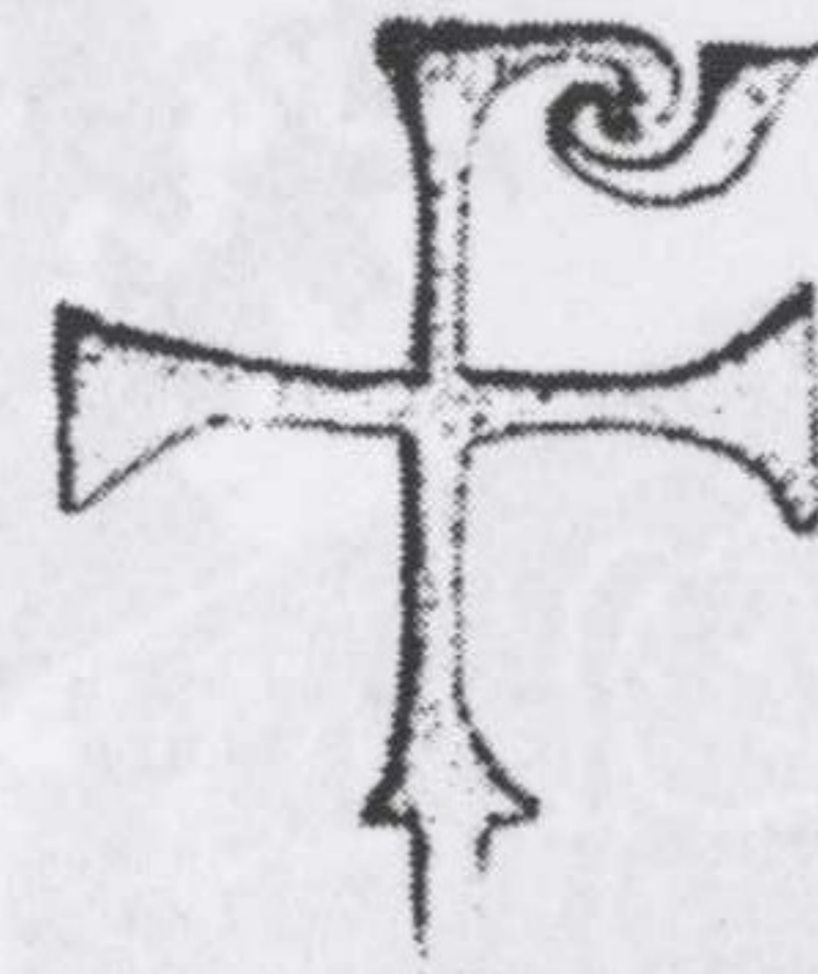
Knockane  
Co. Kerry



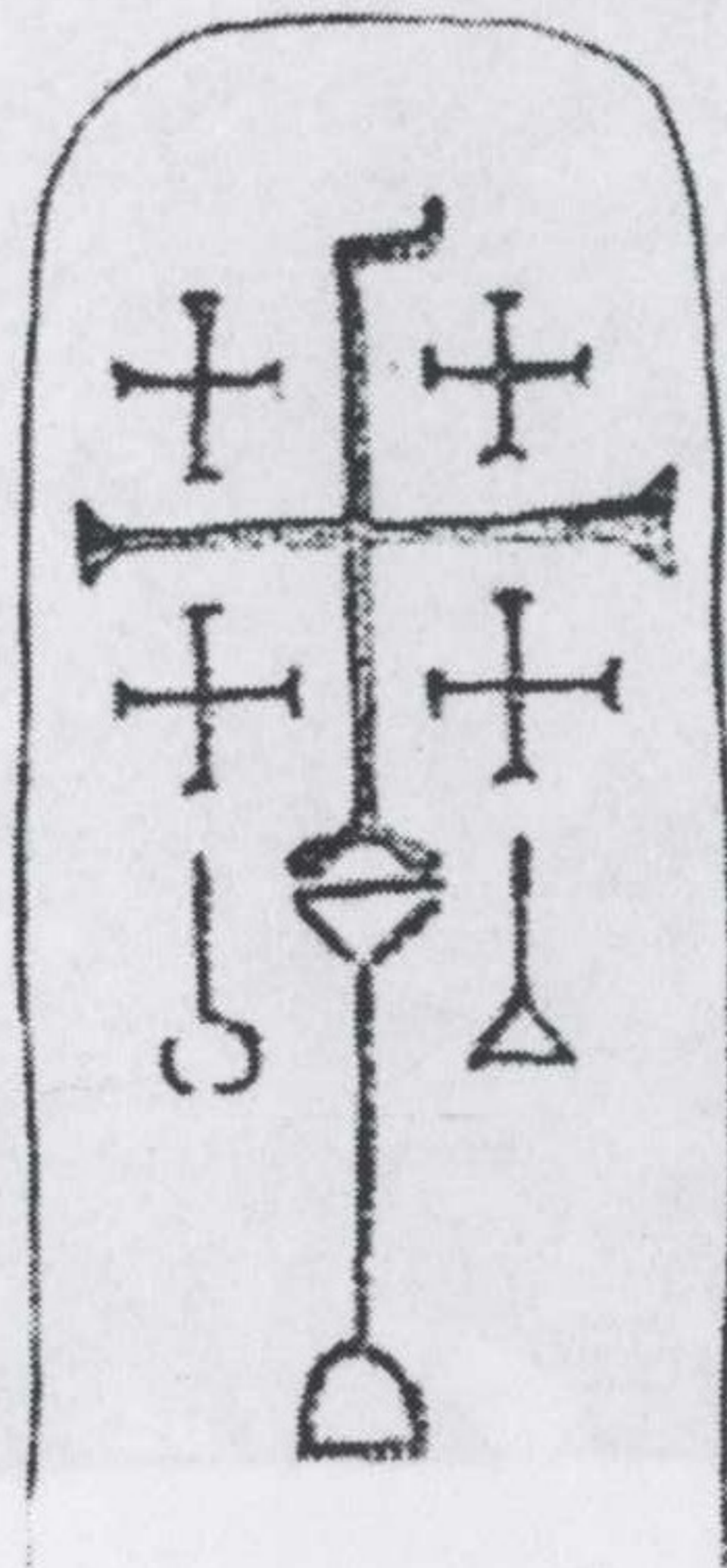
Arraglen  
Co. Kerry



Kilshannig  
Co. Kerry



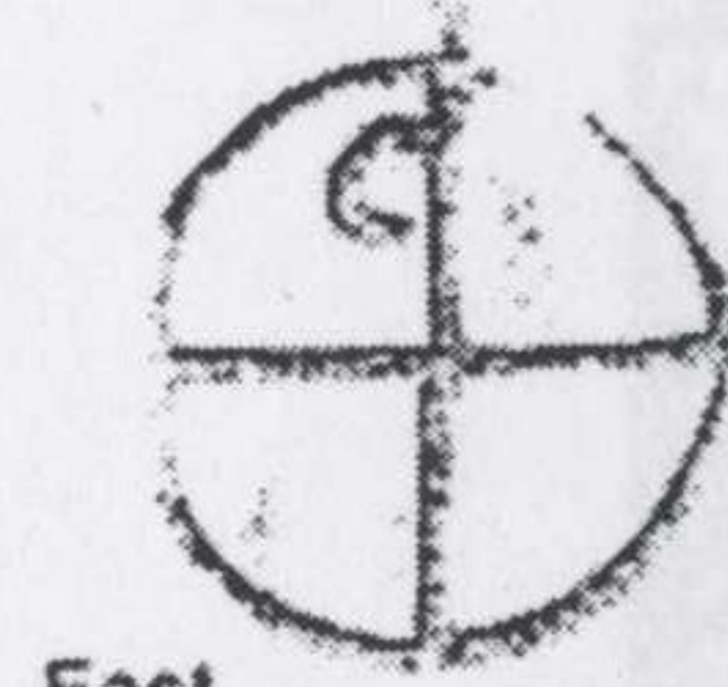
Iniscealtra  
Co. Clare



Cloonlaur  
Co. Mayo



Loher  
Co. Kerry



East

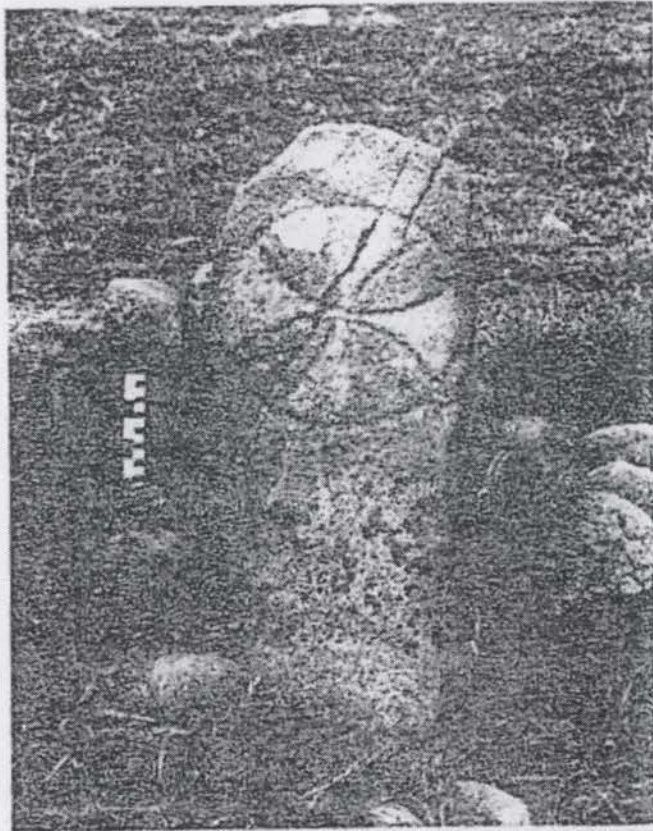


West

Drumakeran  
Co. Antrim

Based on photographs  
Not to scale

FIG 142

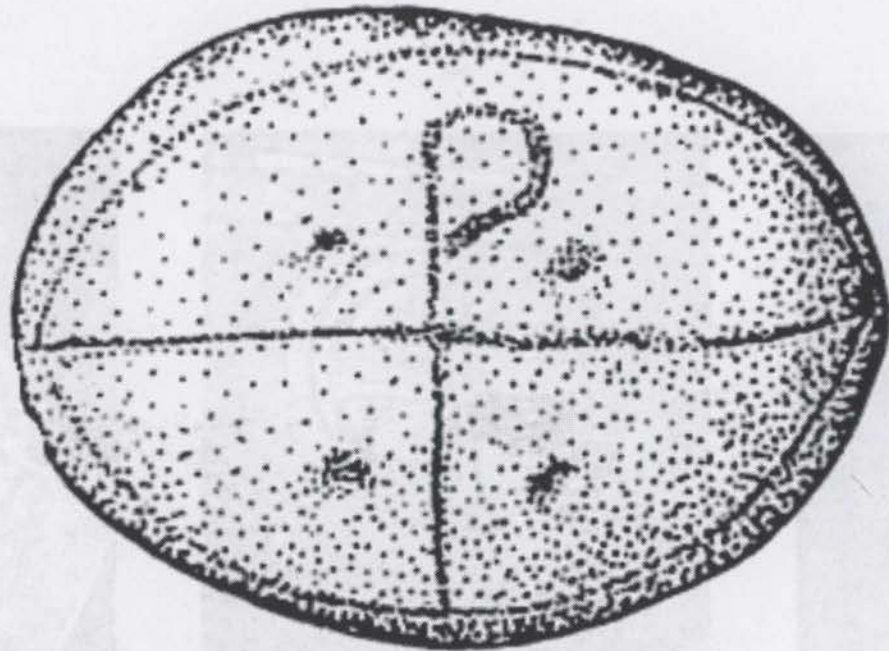


Cross of arcs, Drumnacur, Co. Antrim (Hamlin 1982b, PL 17.2 C)

FIG 143



Inscribed Standing Stone, Ballyvourney, Co. Cork (Ó Ríordáin 1942, Fig 84)

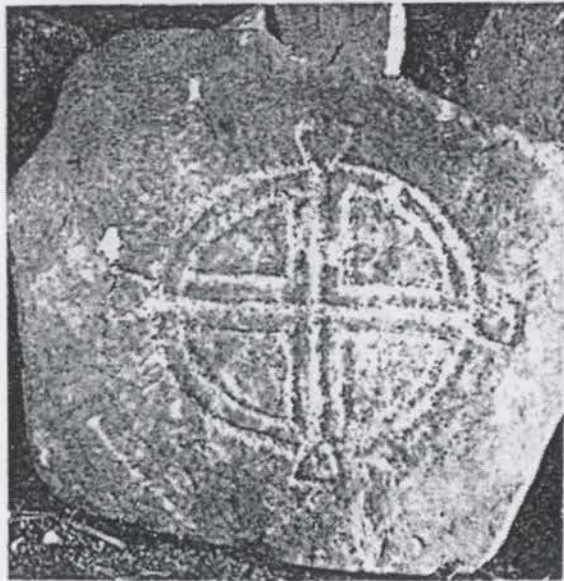


5 cm

Stone with incised *chi-rho* (Higgins 1987, Fig 36)

(Yugoslavica) (Limer 1960, PL. XXIX)

1



2

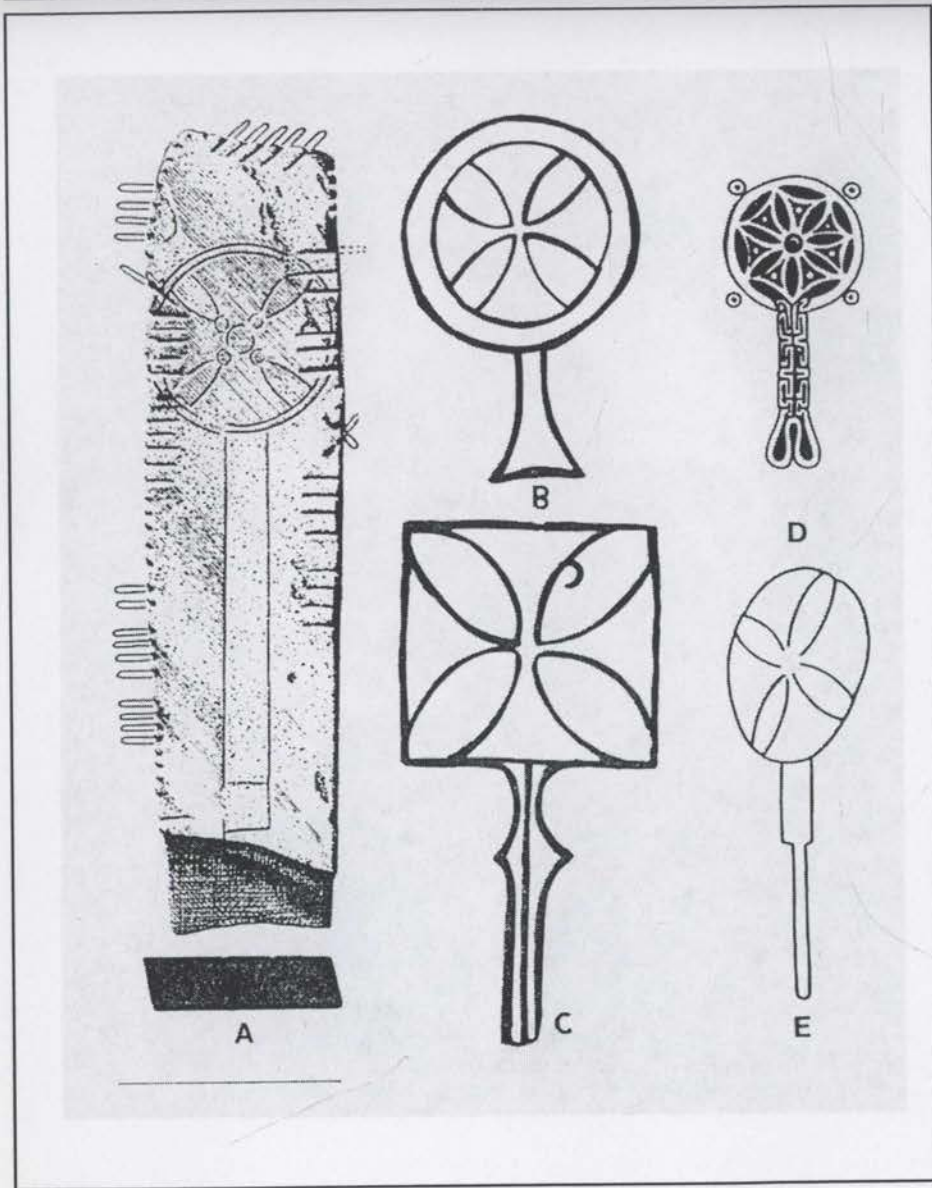


3



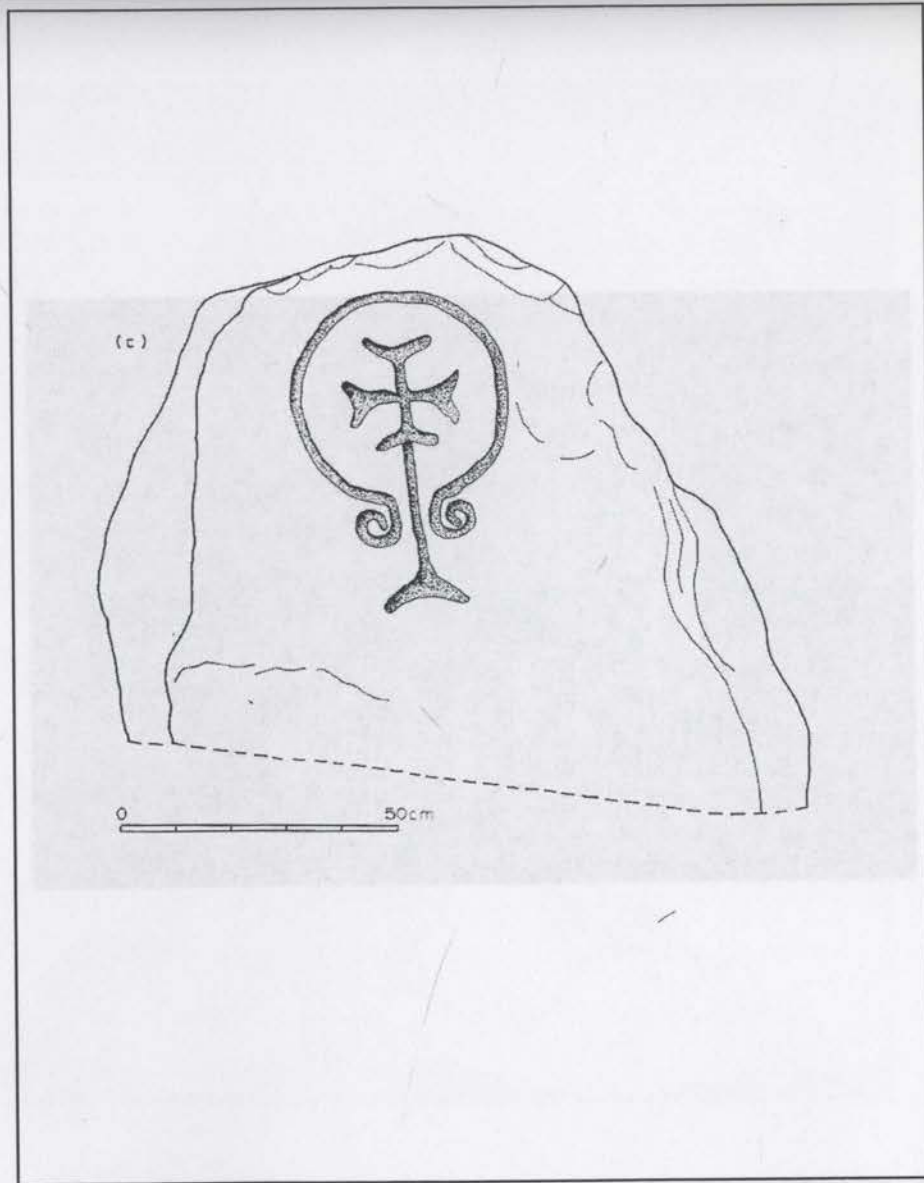
1. Cross-slab at Clonmacnois; 2. Detail of base of column, large basilica, Stobi (Yugoslavia); 3. Slab, Archaeology Museum, Split (Yugoslavia) (Lionard 1960, PL. XXIX)

FIG 146



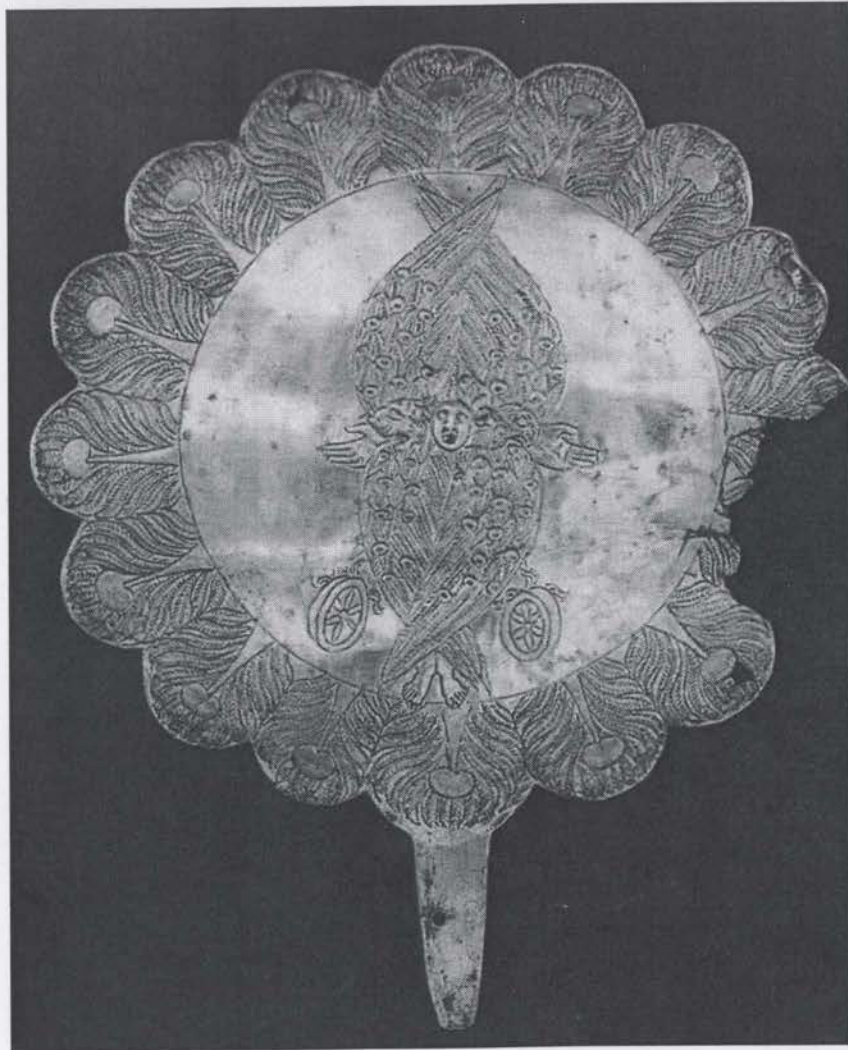
Representations of flabellum (Higgins 1987, Fig 39)

FIG 147



Cross slab at Kilvickadownig (860) (Cuppige 1986, Fig 196)

FIG 148

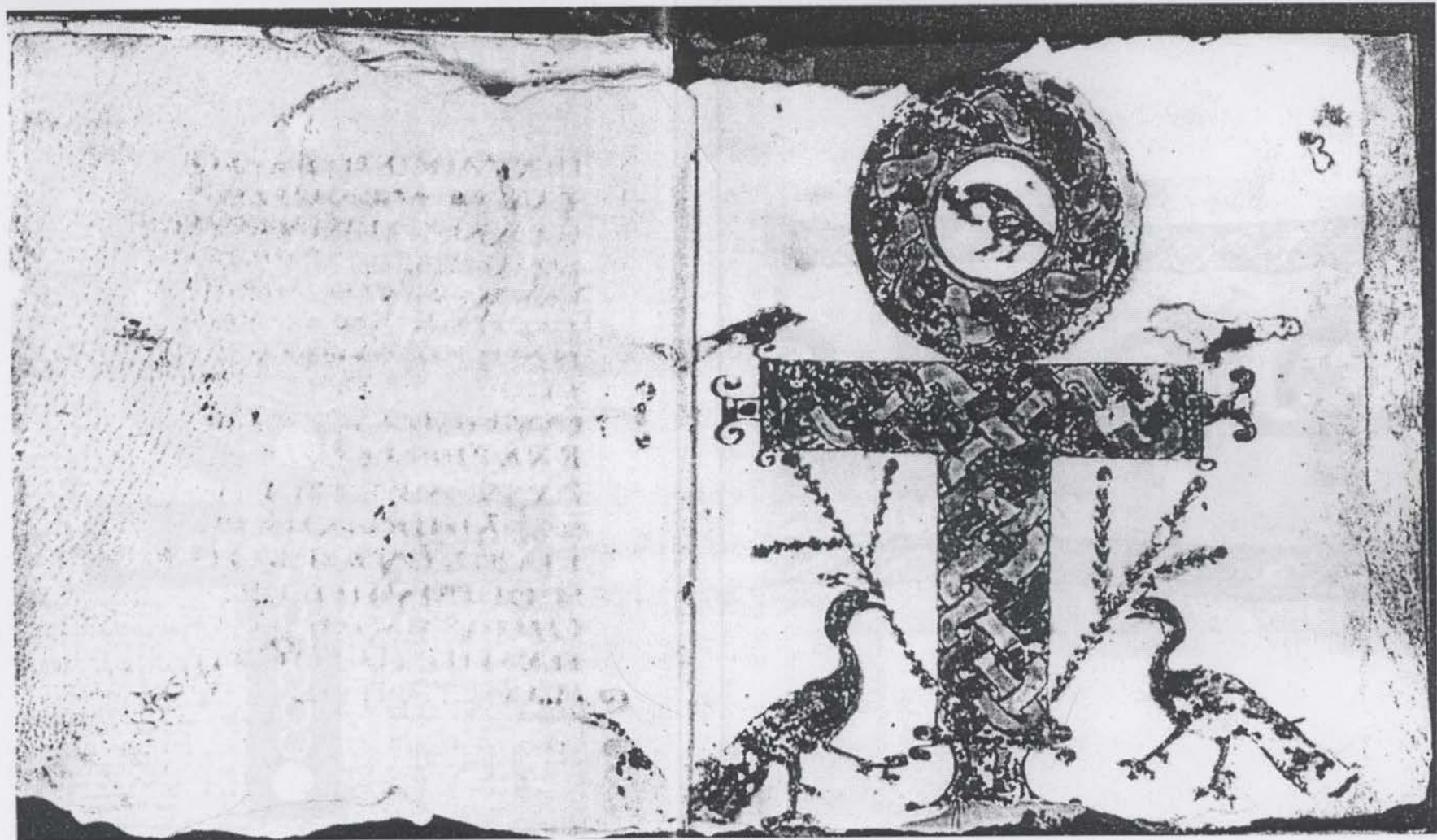


The Riha *Flabellum*, Constantinople, c.565-578, Silver  
(Boyd 1998, Fig. 6.8)

FIG 149



Kiev, Saint Sophia , Apse mosaic – central section, eleventh century, demonstrates use of *flabellum* in ceremony (Boyd 1998, Fig. 6.10)



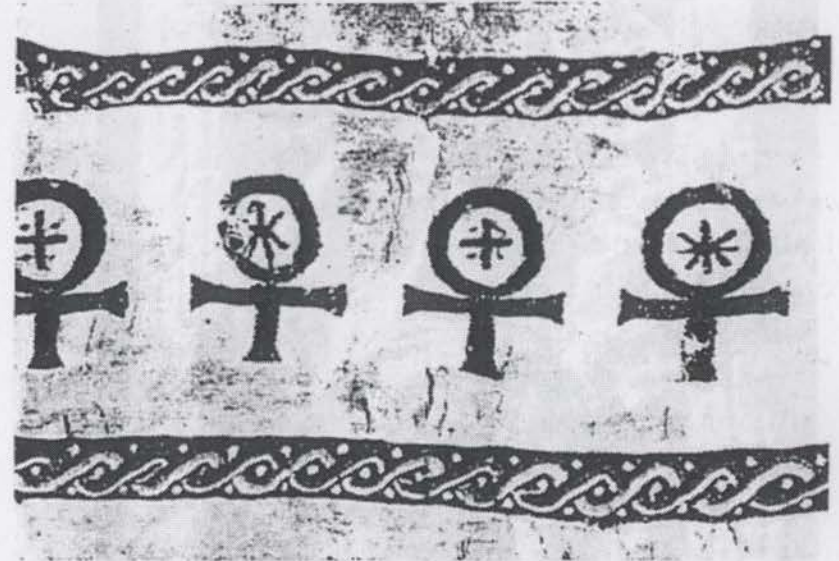
Miniature of the 'Crux Ansata' in the *Glazier Codex*, fols.155-v156, Coptic, ca 400 A.D. (125 x 235 mm) (Bober 1967, Fig 1)

FIG 151



'Ankh' ornament on a Coptic textile from Akhmîm (Bober 1967, Fig 2)

FIG 152



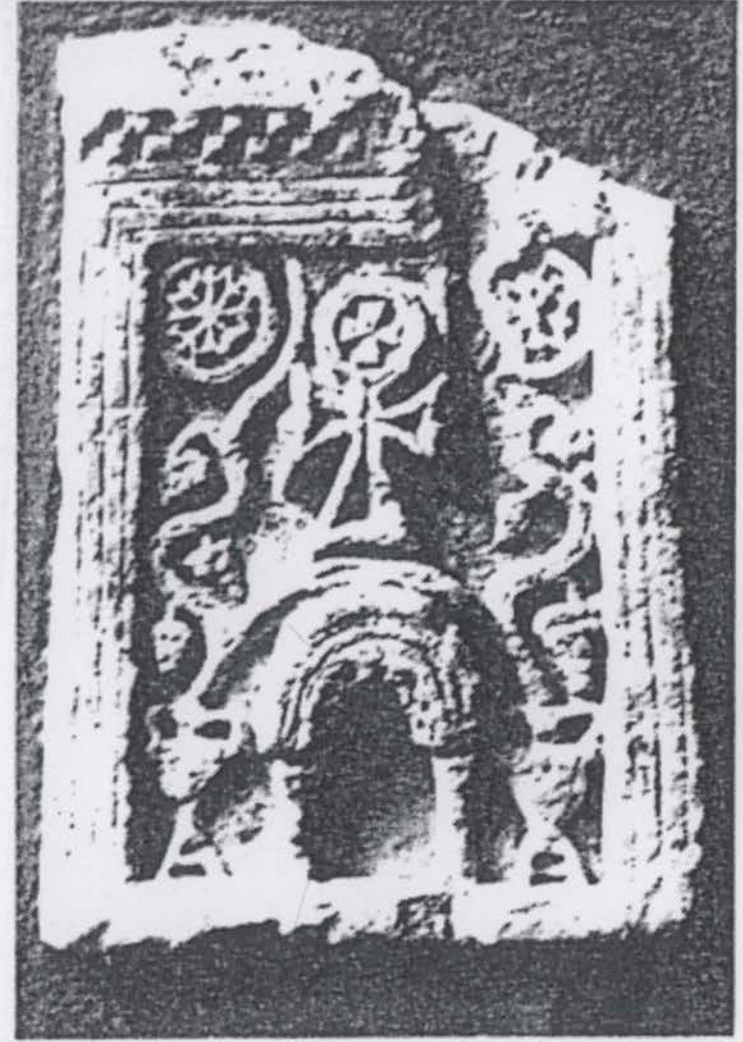
Portion of Coptic cloth from Akhmîm. fifth century (Height of crosses is 76mm) London, Victoria and Albert Museum, no. 309 (Bober 1967, Fig 4)

FIG 153

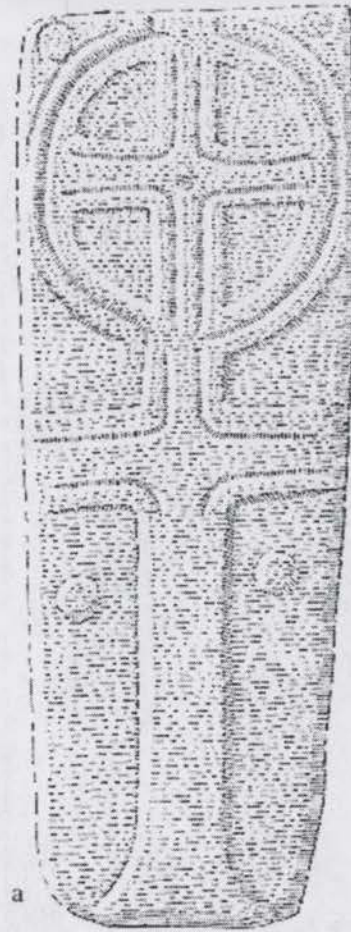


Stele, London, Victoria and Albert Museum, from Upper Egypt, seventh-eighth century (**Beckwith 1963, Fig 130**)

FIG 154

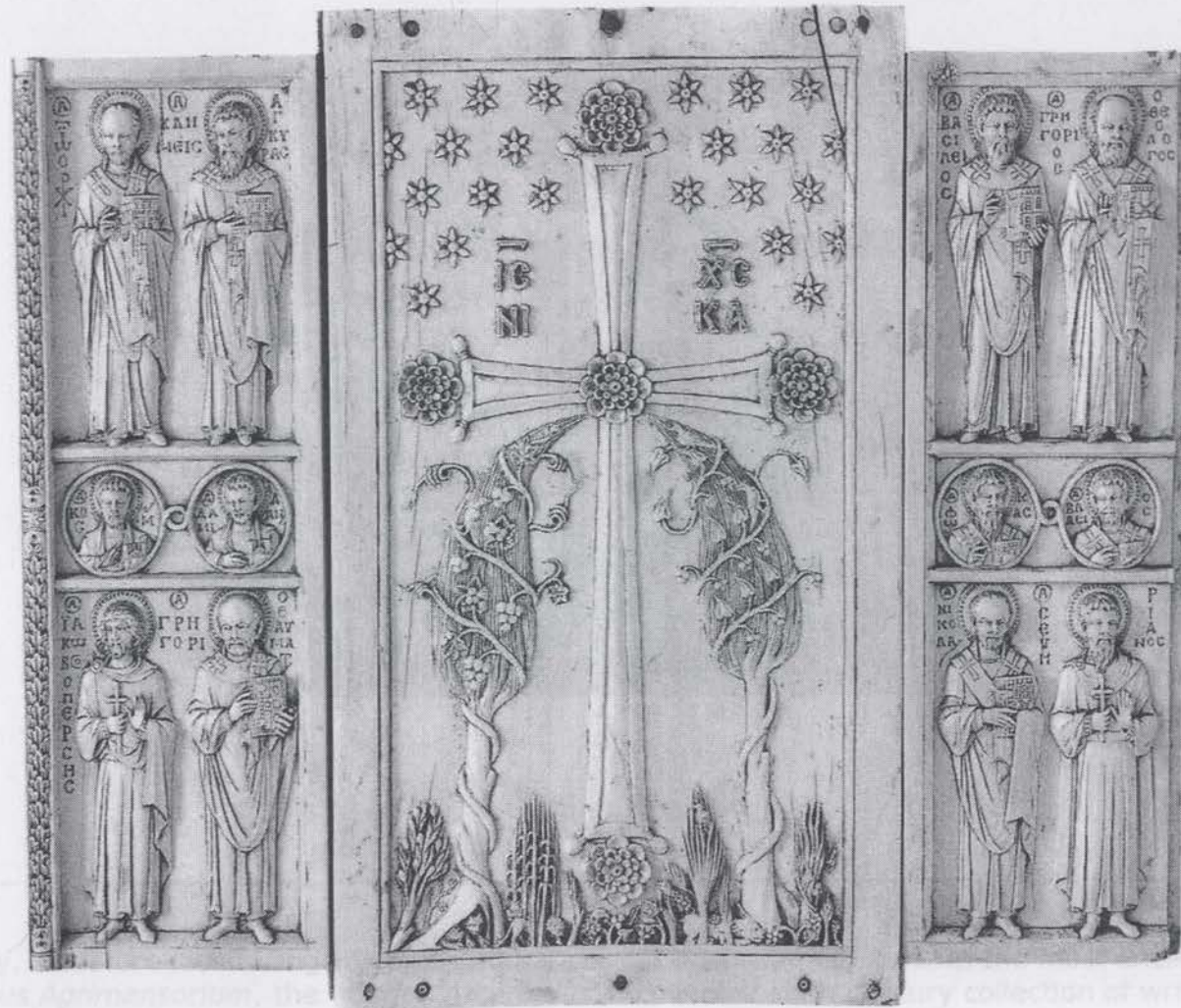


Stele with elaborate decoration consisting of an architectural frame enclosing a *crux ansata* and two vines growing from vessels ( from Fayum; Staatliche Museen 4721; A.D. VI-VII) (**Badawy 1978, Fig 3.192**)



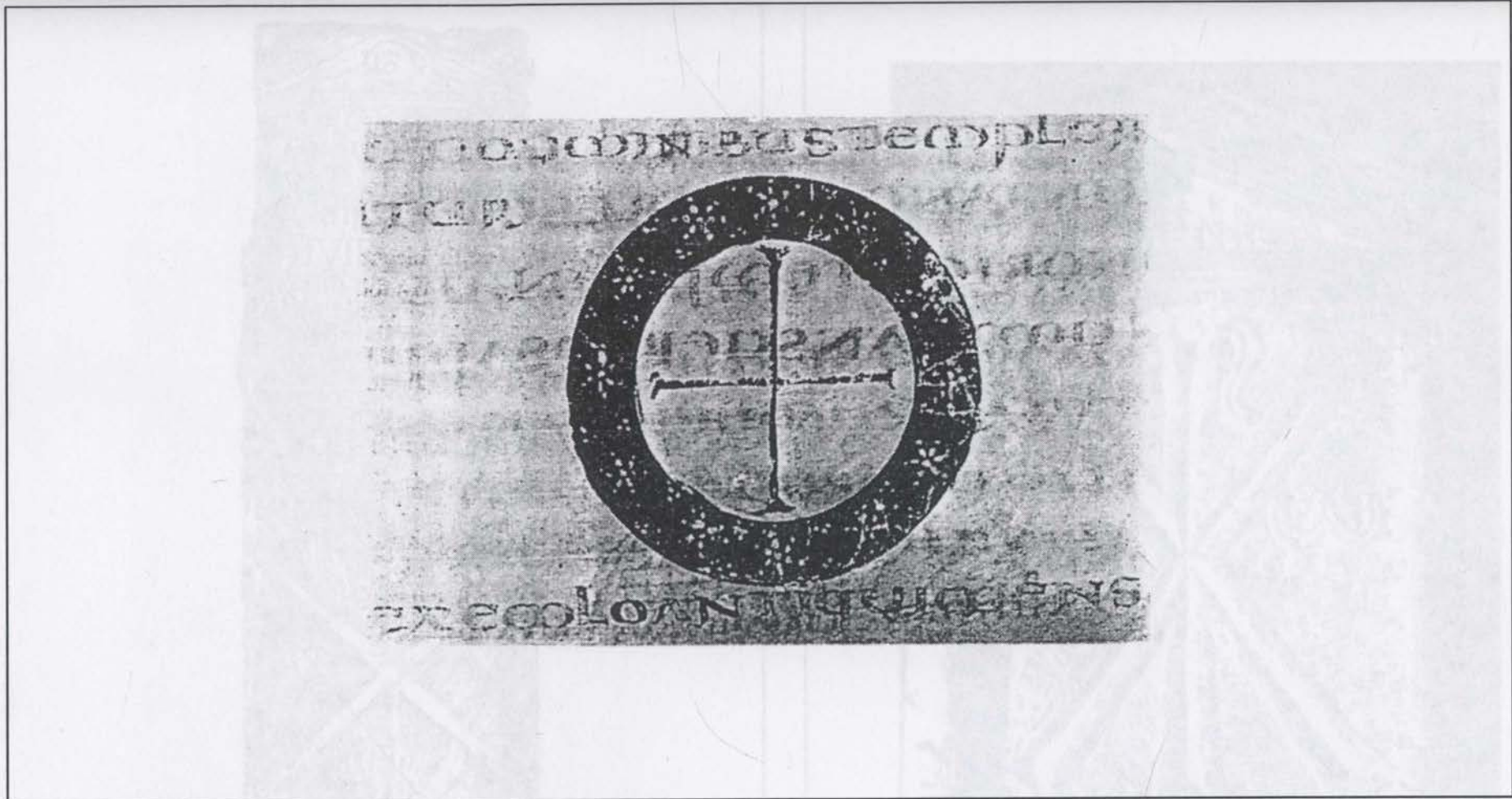
50 cm

Grave-slab from Co. Dublin, Whitechurch (**O h-Éailidhe 1982, Fig. 53 a**) garden (center panel) and saints (wings), 11th-12th century. iv/iv (Durand 1939: 161)



The Harbaville Triptych, Back: Christ's triumphal Cross above a paradisiacal garden (center panel) and saints (wings), Mid-tenth century, ivory (Durand 1999: 141)

The Harbaville Triptych, Back: Christ's triumphal Cross above a paradisiacal garden (center panel) and saints (wings), Mid-tenth century, ivory (Durand 1999: 141)



The Templum of the Sky. Miniature illustrating Hyginus Gromaticus's *'Constitutio Limitum'* in the most ancient surviving manuscript of the *'Corpus Agrimensorium'*, the *'Codex Arceranius'* a collected sixth century collection of writings on surveying (**Rykwert 1976, Fig. 6**)

The stela of the agrimensor Lucius Aebutius Faustus, Ivrea. The relief shows a dismantled groma and Aebutius's symbols of authority (Rykwert 1976, Fig. 32)

Stelae from Arment with outstanding architectural frame enclosing the monogram (National Museum, Florence, 8498.) (Badawy 1978, Fig 3.206)

FIG 158



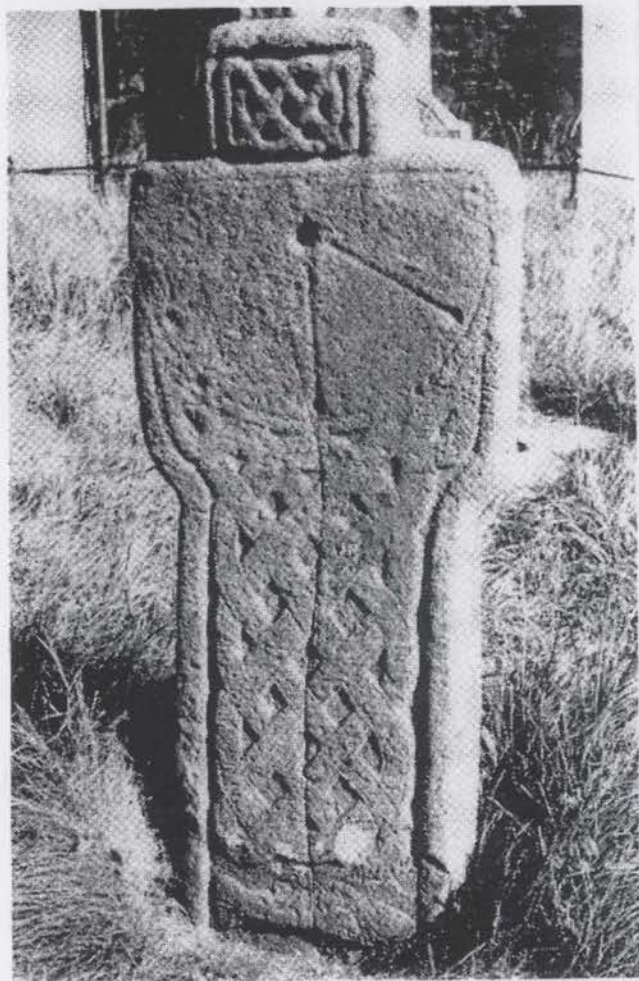
The stele of the agrimensor Lucius Aebutius Faustus, Ivrea. The relief shows a dismantled *groma* and Aebutius's symbols of authority (Rykwert 1976, Fig. 12)

FIG 159



Stelae from Armant with outstanding architectural frame enclosing the monogram (National Museum, Florence, 8498.) (Badawy 1978, Fig 3.206)

FIG 160



*A*

Clogher sundial (in graveyard, before removal to cathedral),  
West face (**Hamlin 1987, Fig 1:1 a**)

FIG 161

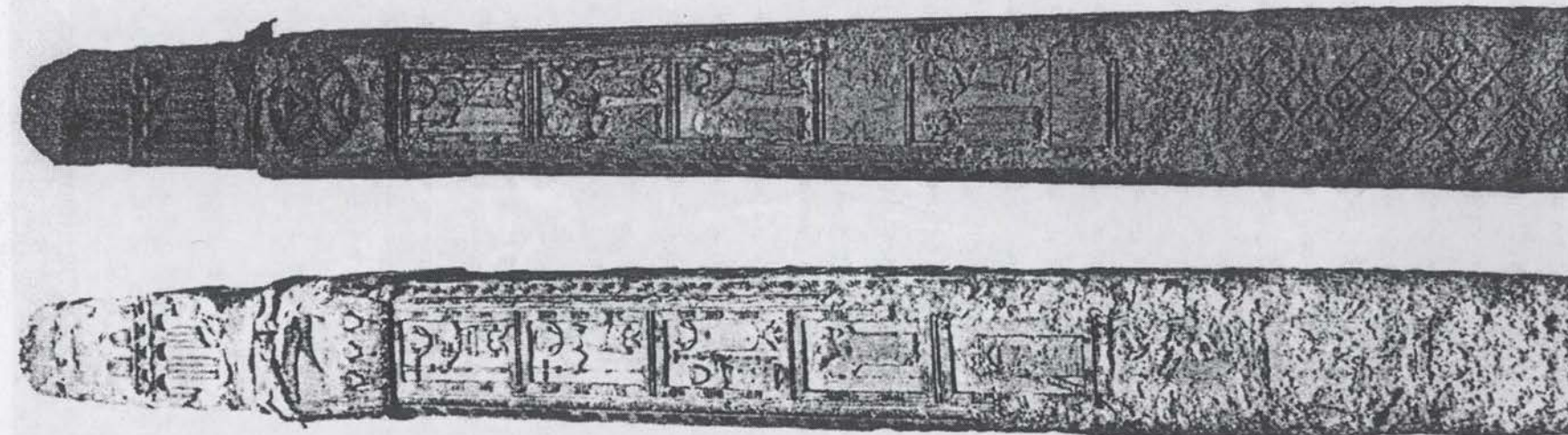


*B*

Clogher sundial (in graveyard, before removal to cathedral),  
East face (**Hamlin 1987, Fig 1:1 b**)

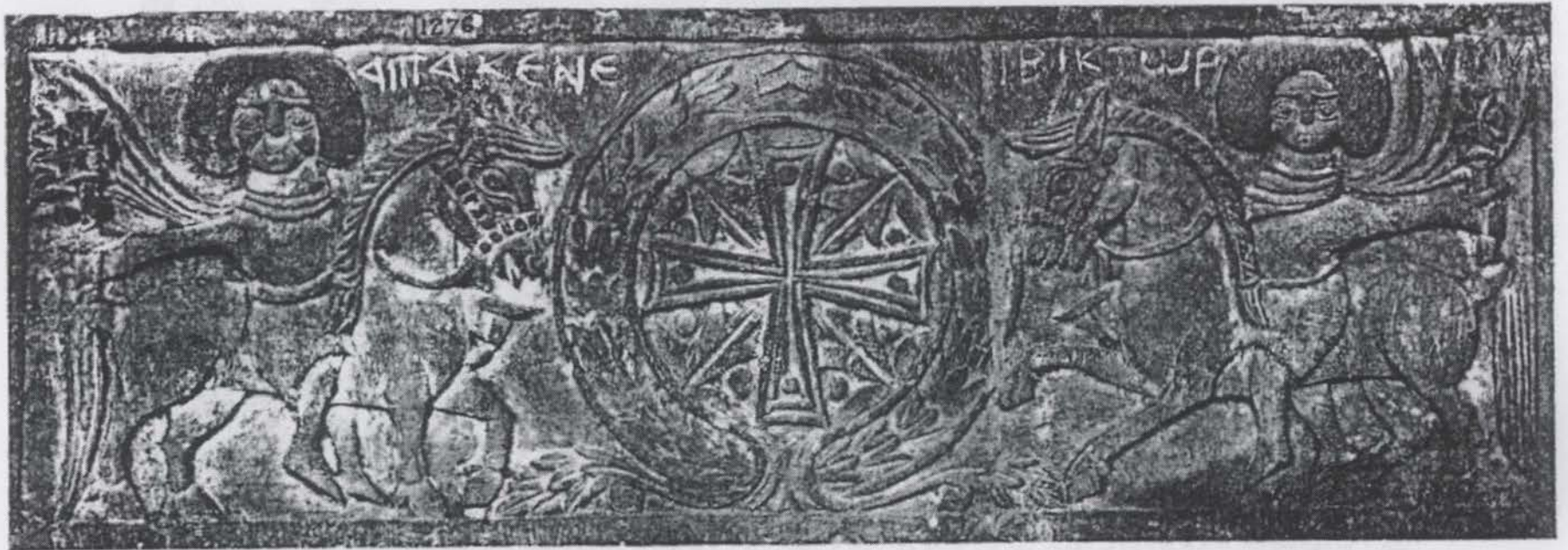


Pillar and base, seventh century, Odzun (Der Nersessian 1977, Fig. 42)

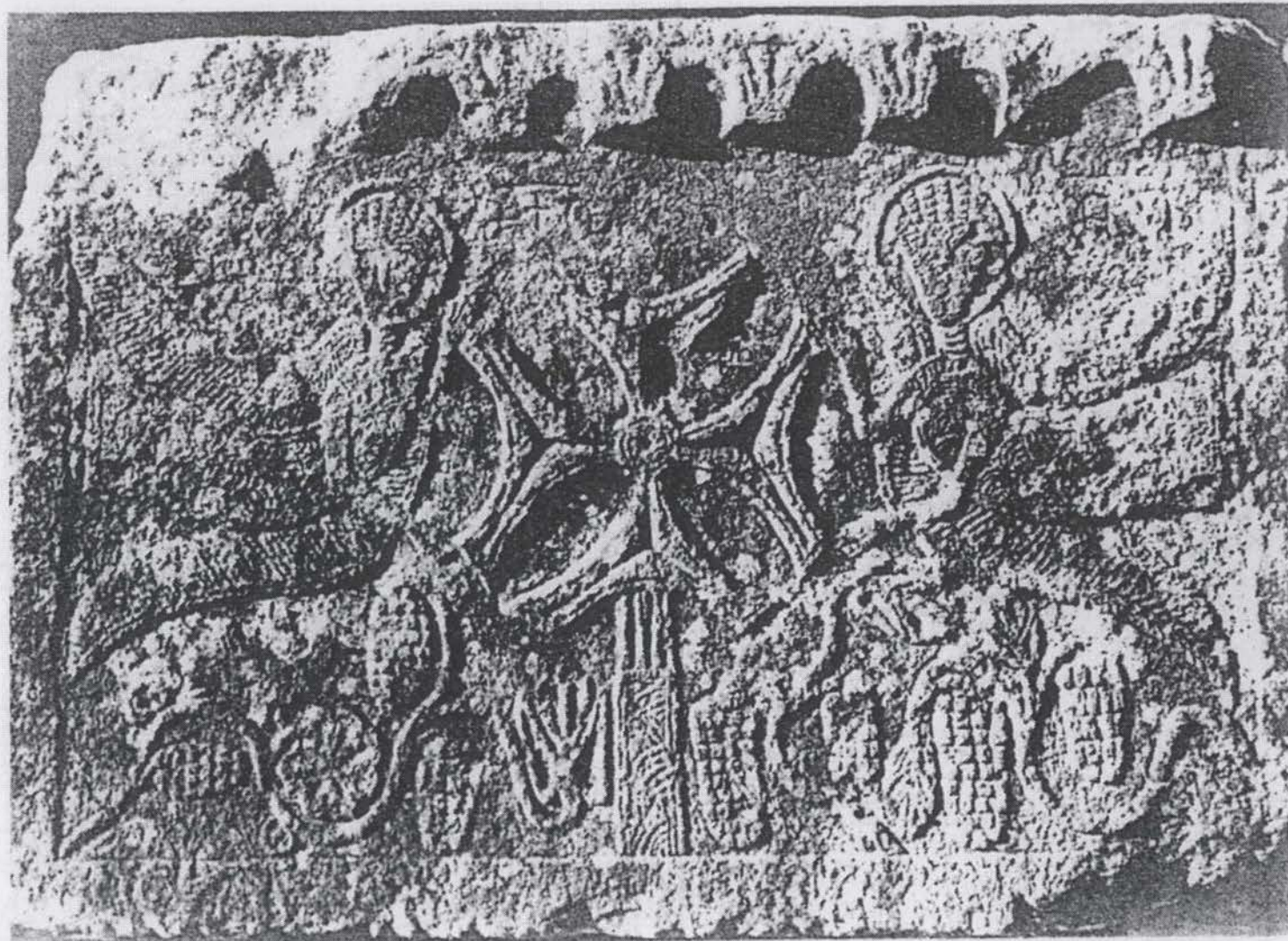


Odzun, east front of twin stele (Der Nersessian 1977, Fig 40-41)

Schlag (B.M. 1276; A.D. VIII-IX) (Badalyan 1976, Fig 3.149)



Lintel carved with the confronted riders saints, Pakene and Victor, from Sohag (B.M. 1276; A.D. VIII-IX) (Badawy 1978, Fig 3.149)

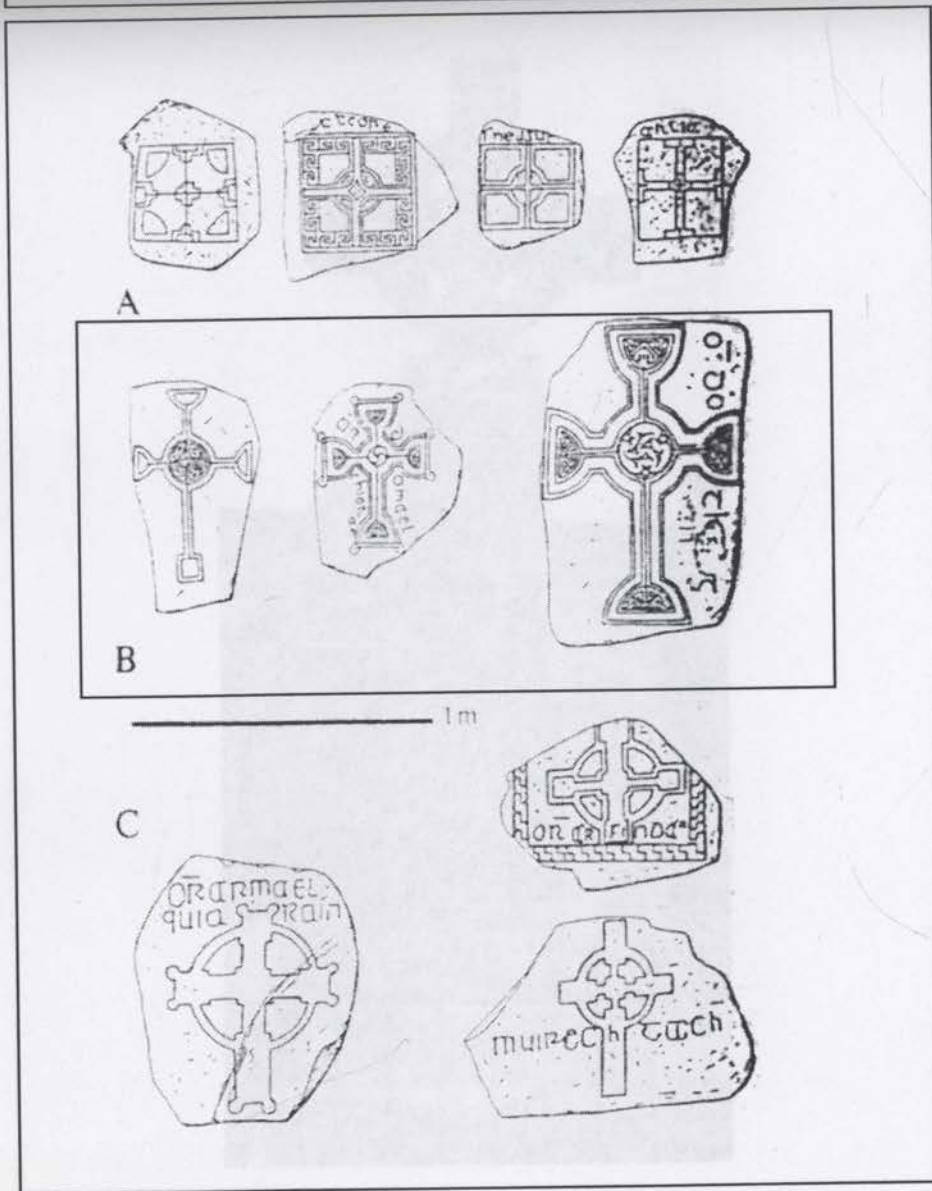


Pantiani, Base, sixth century, with exaltation of the cross, from Chubinashvili (Richardson 1984a, Plate 22)

Chubinashvili, Ch. Pantiani (O'Flaherty 1994, Fig. 2)

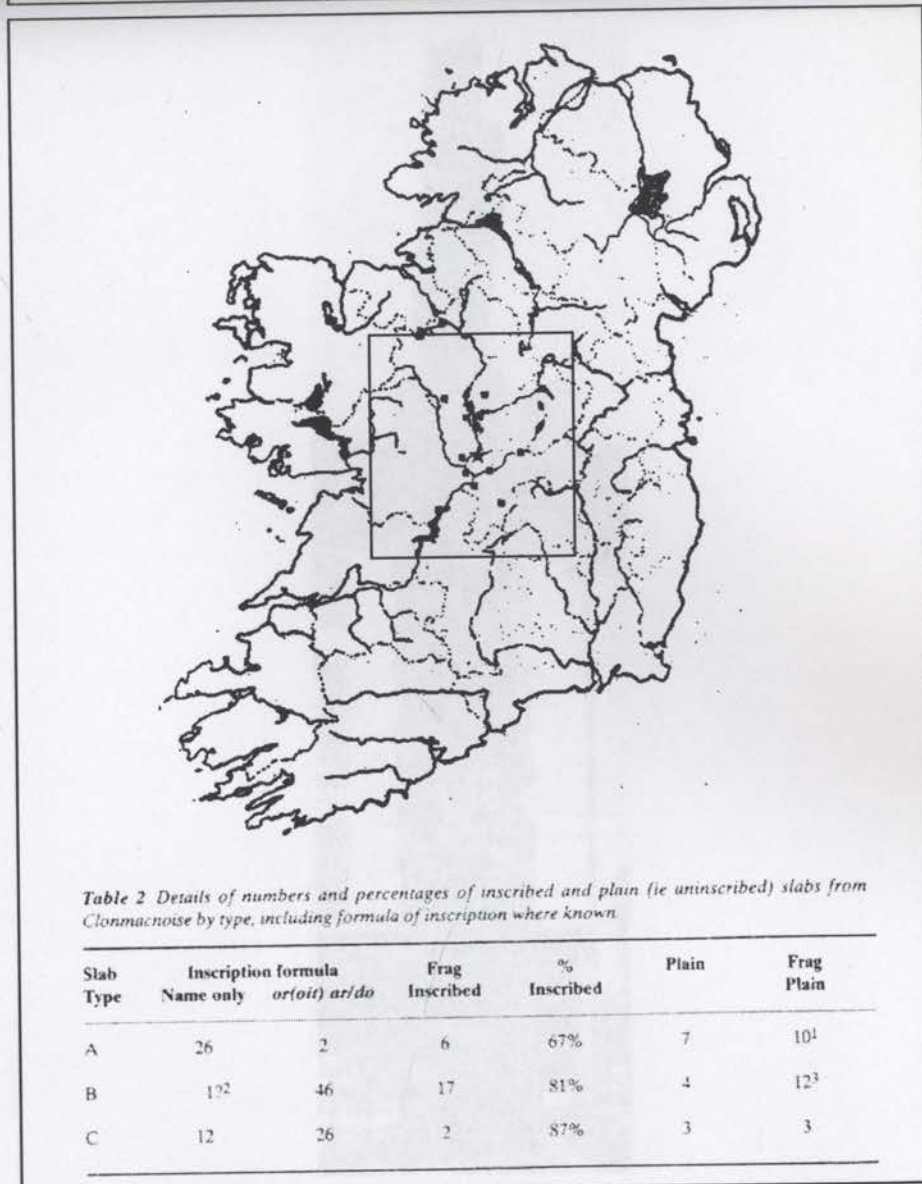
Chubinashvili, Ch. Pantiani (O'Flaherty 1994, Fig. 2 and Table 2)

FIG 166



Examples of the three main main types of memorial slabs at Clonmacnois, Co. Offaly (O Floinn 1994, Fig. 1)

FIG 167



Distribution Map of Type B slabs and Table 2 details Clonmacnois slab types (O Floinn 1994, Fig. 2 and Table 2)

FIG 168



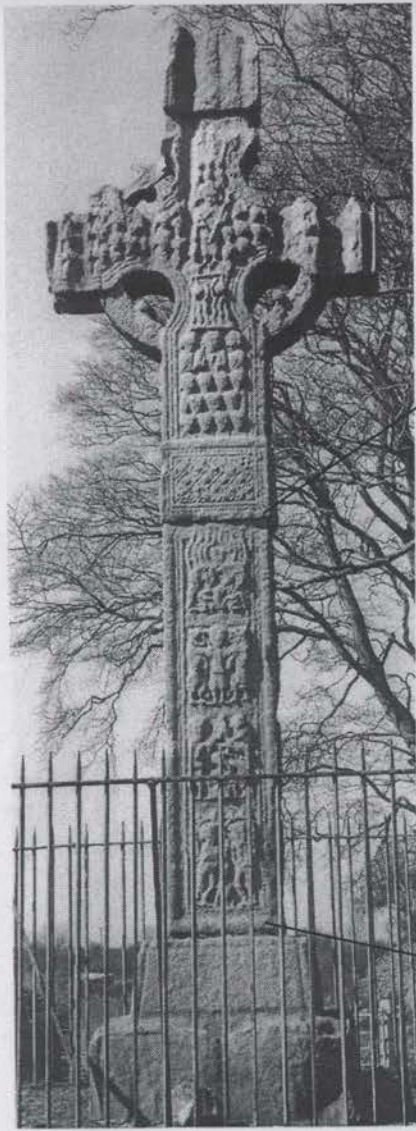
Composite Cross, Clones, Co. Monaghan, South-east face  
(Harbison 1992, Fig. 126, Cat. 48)

FIG 169



Composite Cross, Clones, Co. Monaghan, South-east face  
(Harbison 1992, Fig. 127, Cat. 49)

FIG 170



Arboe Cross, Co. Tyrone, East Face ( **Harbison 1992, Cat. 8, Fig. 30**)

Inisite Cross, Clones, Co. Monaghan, South-east face  
(Harbison 1992, Fig. 129, Cat. 48)

FIG 171



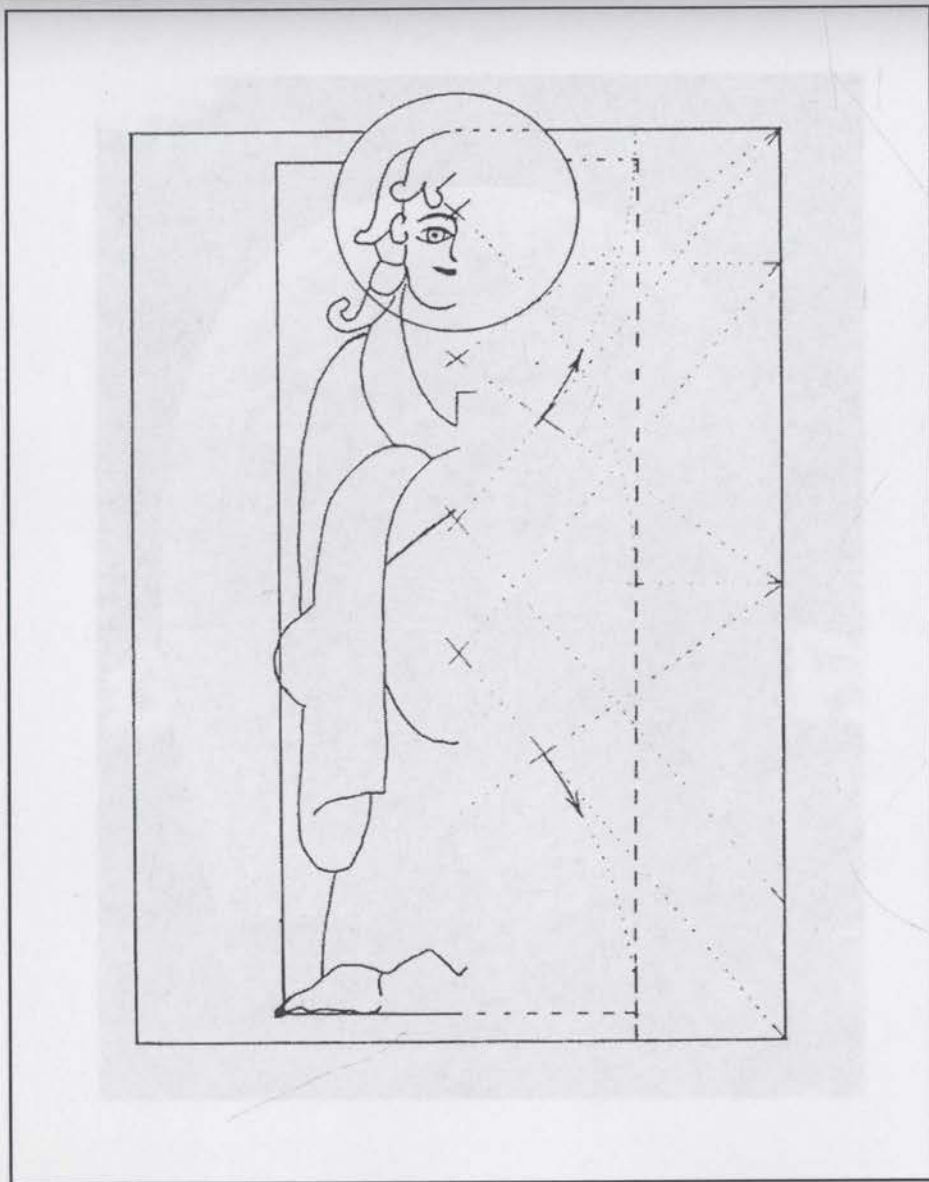
Shaft Detail - Arboe Cross, Co. Tyrone, East Face (  
**Harbison 1992, Cat. 8, Fig. 31**)

FIG 172



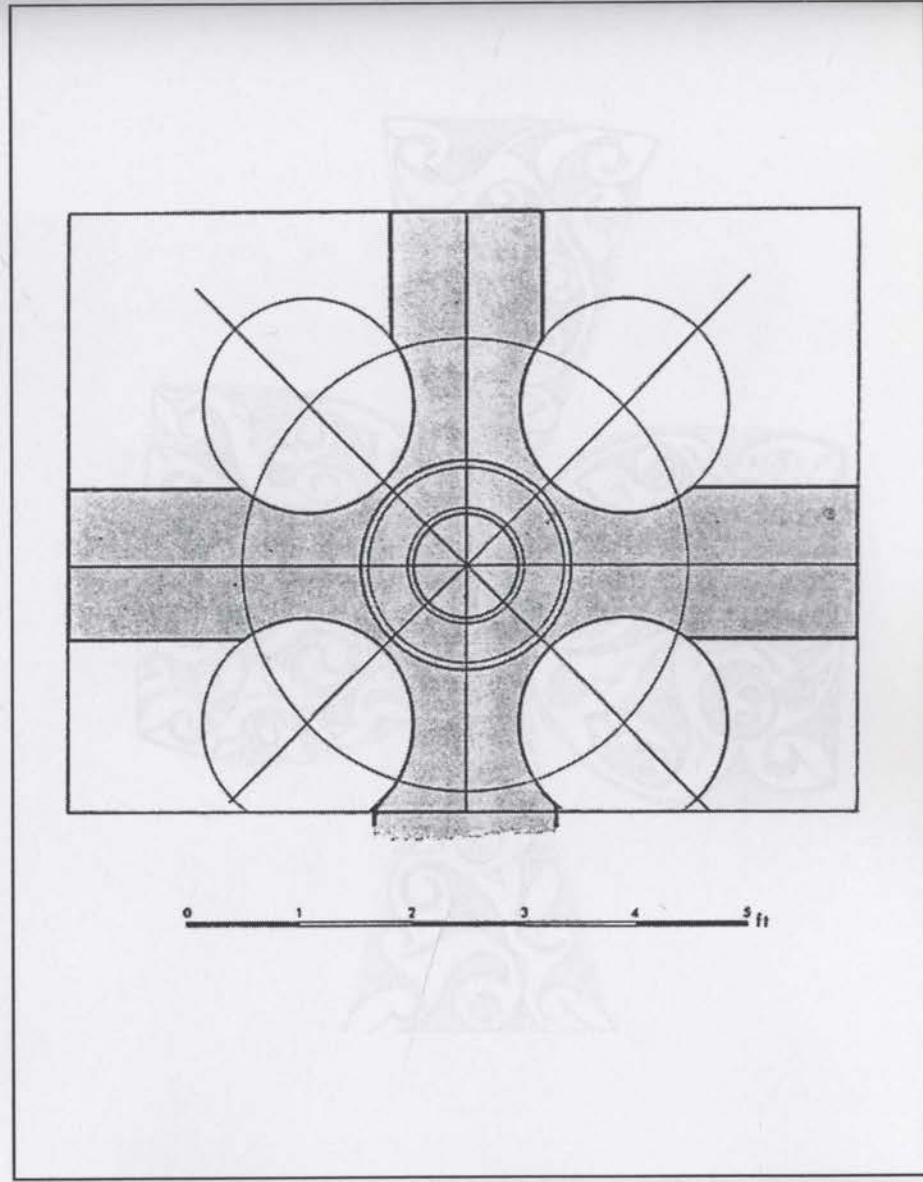
Composite Cross, Clones, Co. Monaghan, South-east face  
**(Harbison 1992, Fig. 126, Cat. 48)**

FIG 173



Portrait page from *Book of Mullings* (Stevick 1991, Fig. 15)

FIG 174



St. John's Cross, drawing demonstrating the method to mark of the cross-head in stone (Robertson 1975, Fig. 2)

FIG 175



The Turoe Stone, Co. Galway (Harbison 1988, Fig. 107)

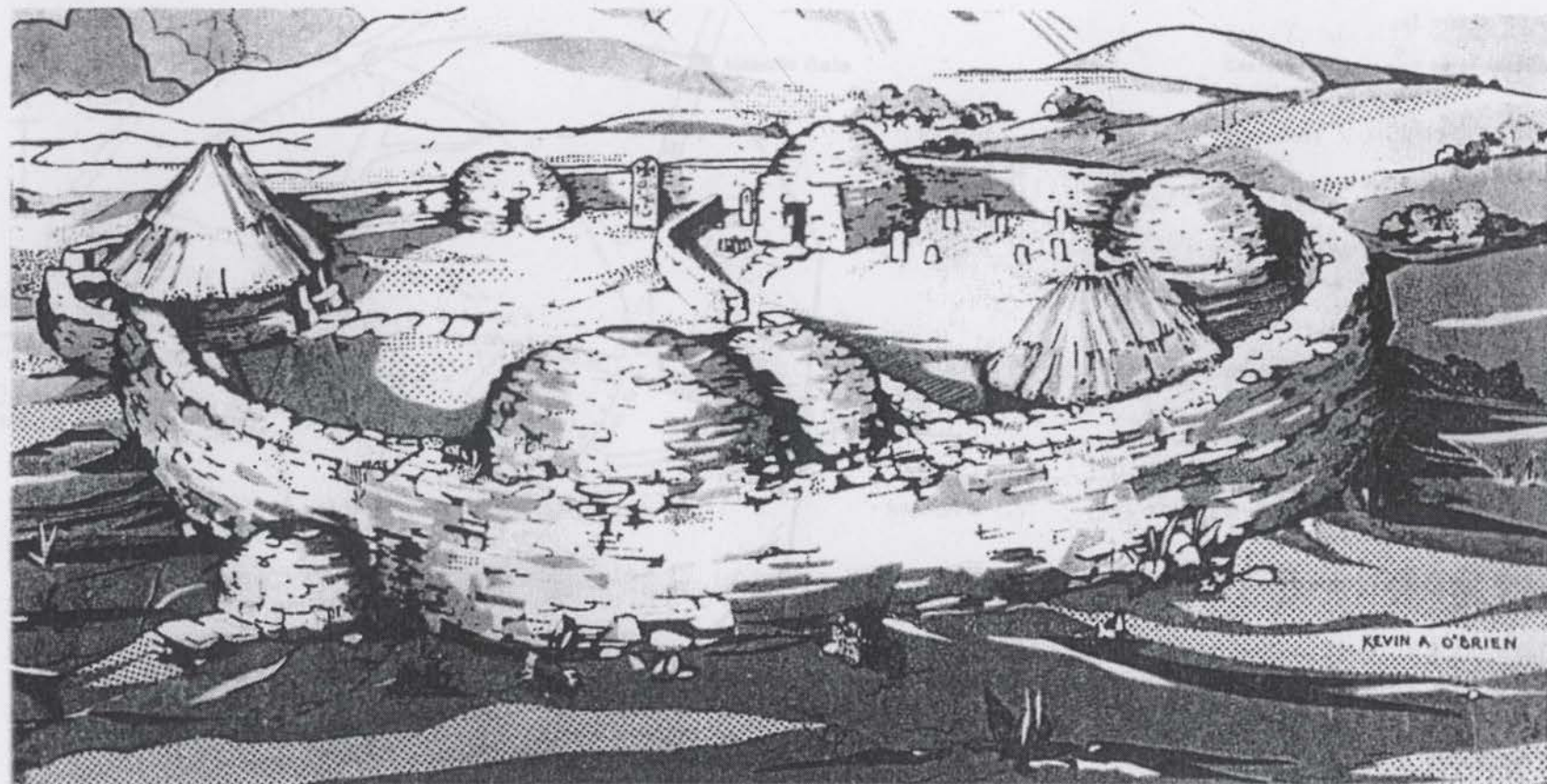
FIG 176



Roll out The Turoe Stone, Co. Galway (Harbison 1988, Fig. 107)

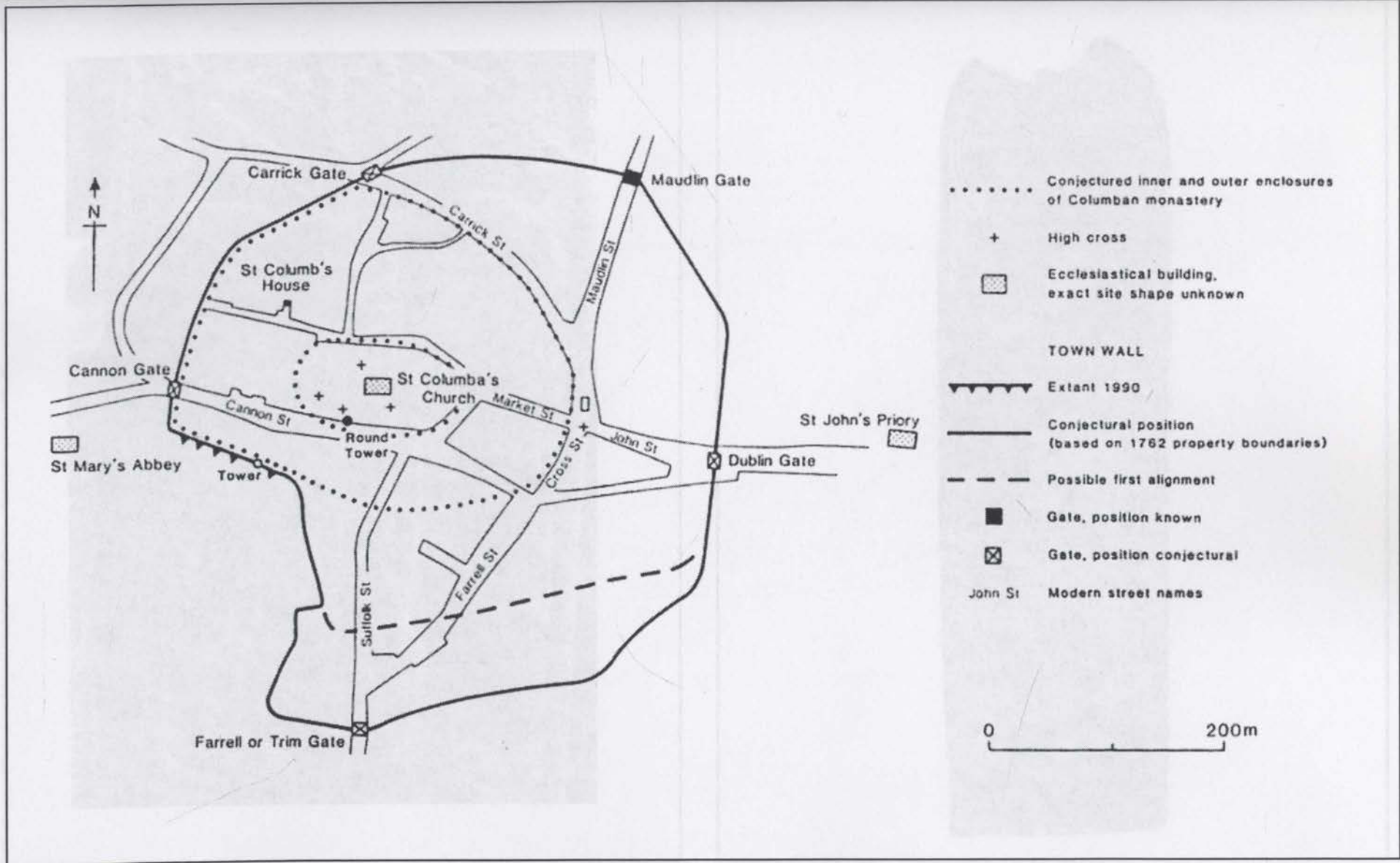


Bone trial piece, Lagore Crannog, Co. Meath (**Cone 1977, Fig. 39**). Co. Kerry (Fanning 1981, Pl. XIII)



A conjectural reconstruction of the Early Christian enclosure at Reask, Co. Kerry (**Fanning 1981, PL. XIII**) *the later medieval wall, note the location of the market-place in relation to the inner enclosure. (Graham 1993, Fig 1.5)*

FIG 179



The morphology of Kells, Co. Meath, showing the projected lines of the enclosures and their relationship to the later medieval wall. Note the location of the market-place in relation to the inner enclosure. (Graham 1993, Fig 1.5)

FIG 180

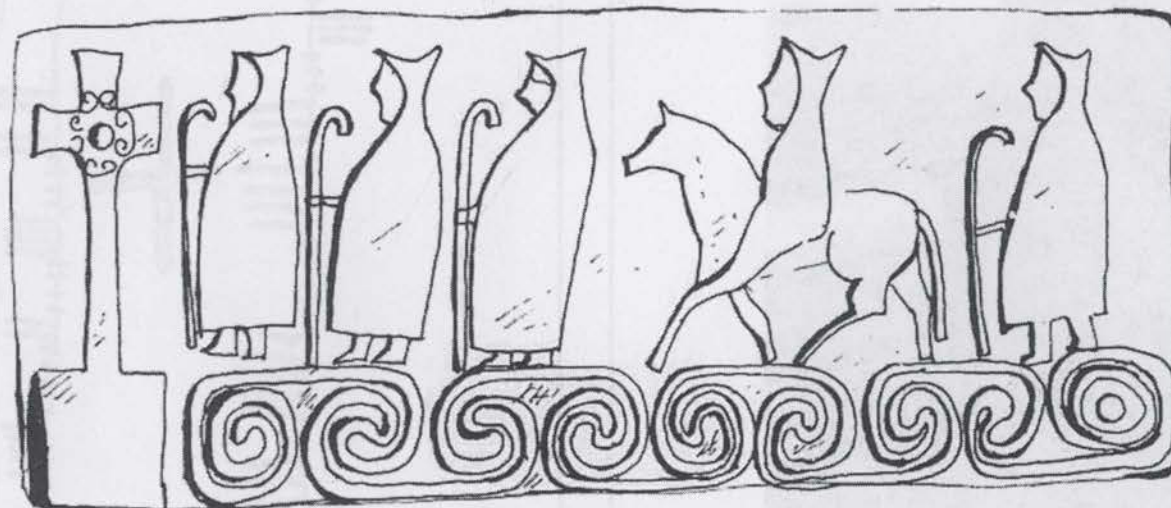


Carndonagh stele, West Face (detail ) (Harbison 1986, Plate 4.5a)

FIG 181

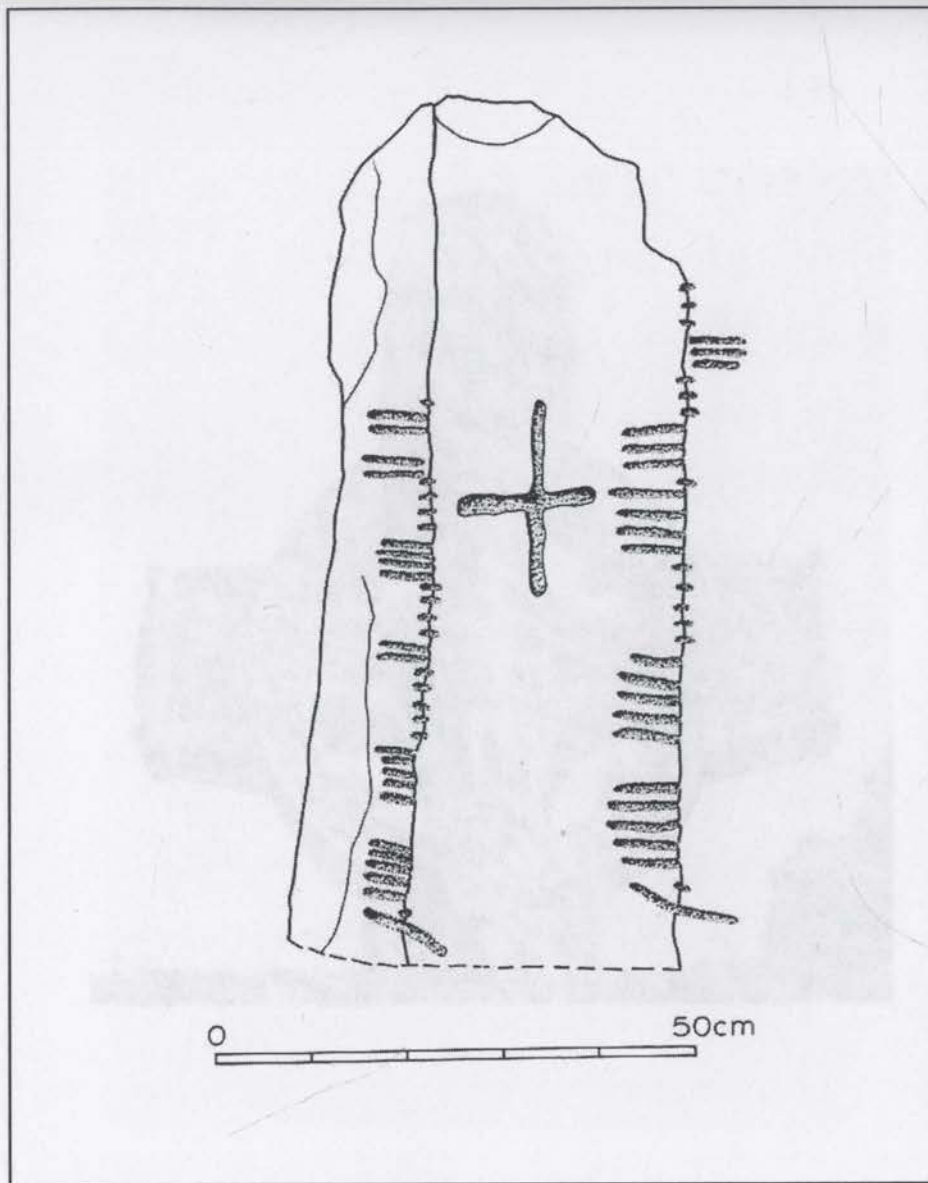


Papil Stone, Burra, Shetland, possibly late seventh century (Laing and Laing 1993, Fig. 97)



Frontal slab from Papil, Burra, Shetland probably from a back corner-black shrine. This shows a cross and a procession of clerics, Length: 0.9m. (Laing and Laing 1993, Fig. 100)

FIG 183



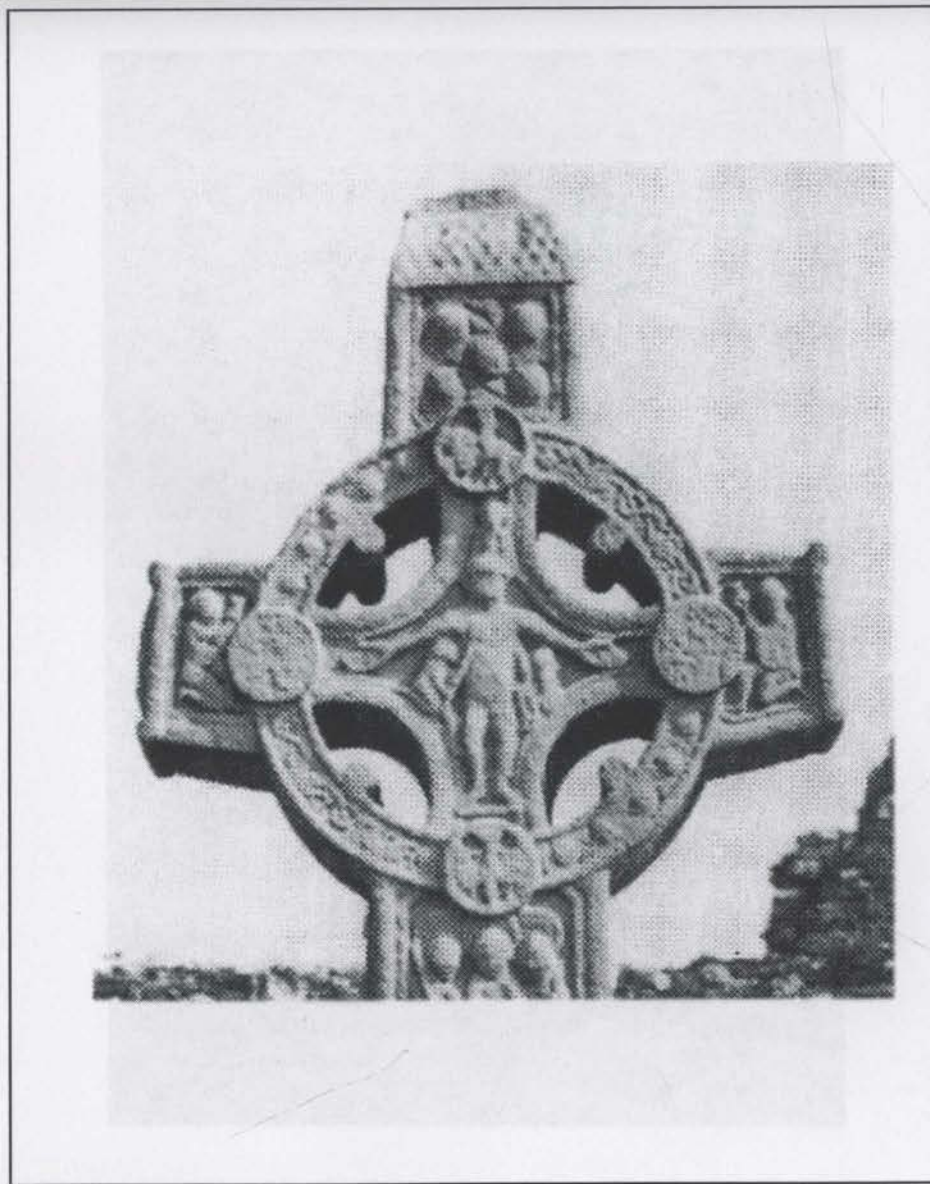
Ogam stone from Gortnagullenagh (699), Dingle Peninsula  
(Cuppige 1986, Fig 124)

FIG 184



Ogam stone from Ballinrannig (792) (Cuppige 1986,  
PLATE 14)

FIG 185



Head of West Face of the Cross of the Scriptures, 1884,  
Clonmacnois, Co. Offaly (Herity 1987, Fig 7:9 - W)

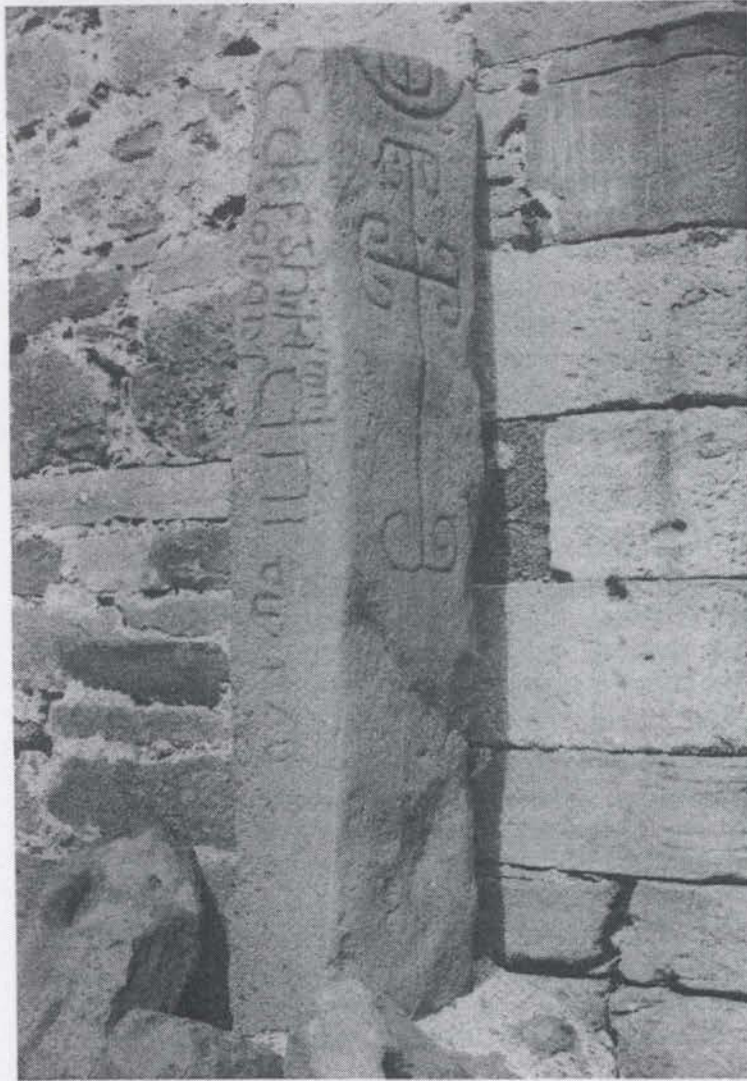
FIG 186



Hypothesis, *Gospels of Rossano*, Cathedral Treasury, Fol. 5r  
(Underwood 1950, Fig. 57)

1963, Fig. 51)

FIG 187



Alphabet Stone at Kilmalkedar (855) (Cuppige 1986, Plate 30)

FIG 188



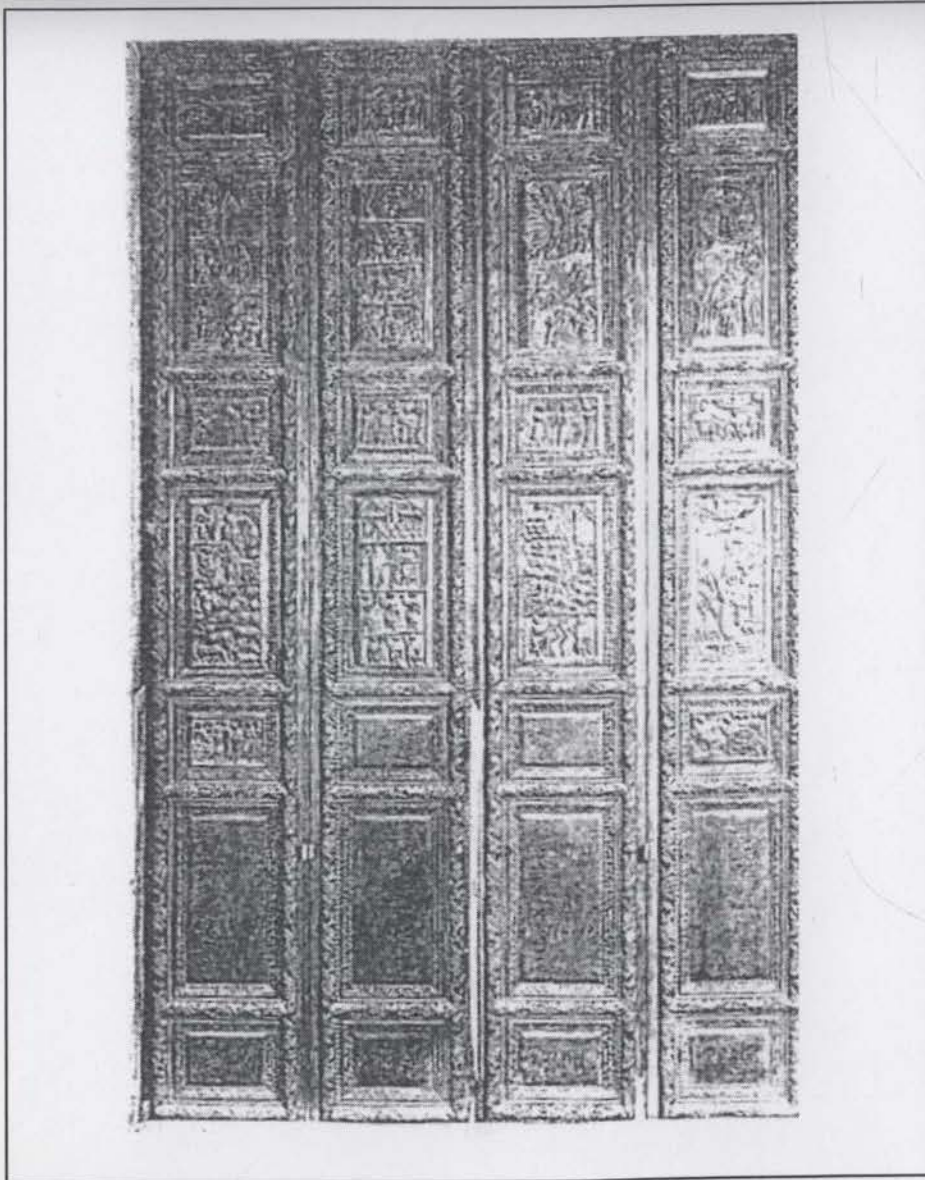
Silver paten bearing the Communion of the Apostles. Christ appears twice, on one side giving bread, and on the other giving wine, between 565-578, Istanbul (Talbot Rice 1963, Fig. 51)



2. Christ with two Apostles, doors of S. Sabina

Panel from doors of S. Sabina: Christ with two Apostles (Delbrueck 1993, Fig 2) reconstruction of the original placing of the panels on the door (Kemp 1996, Fig. 3)

FIG 190



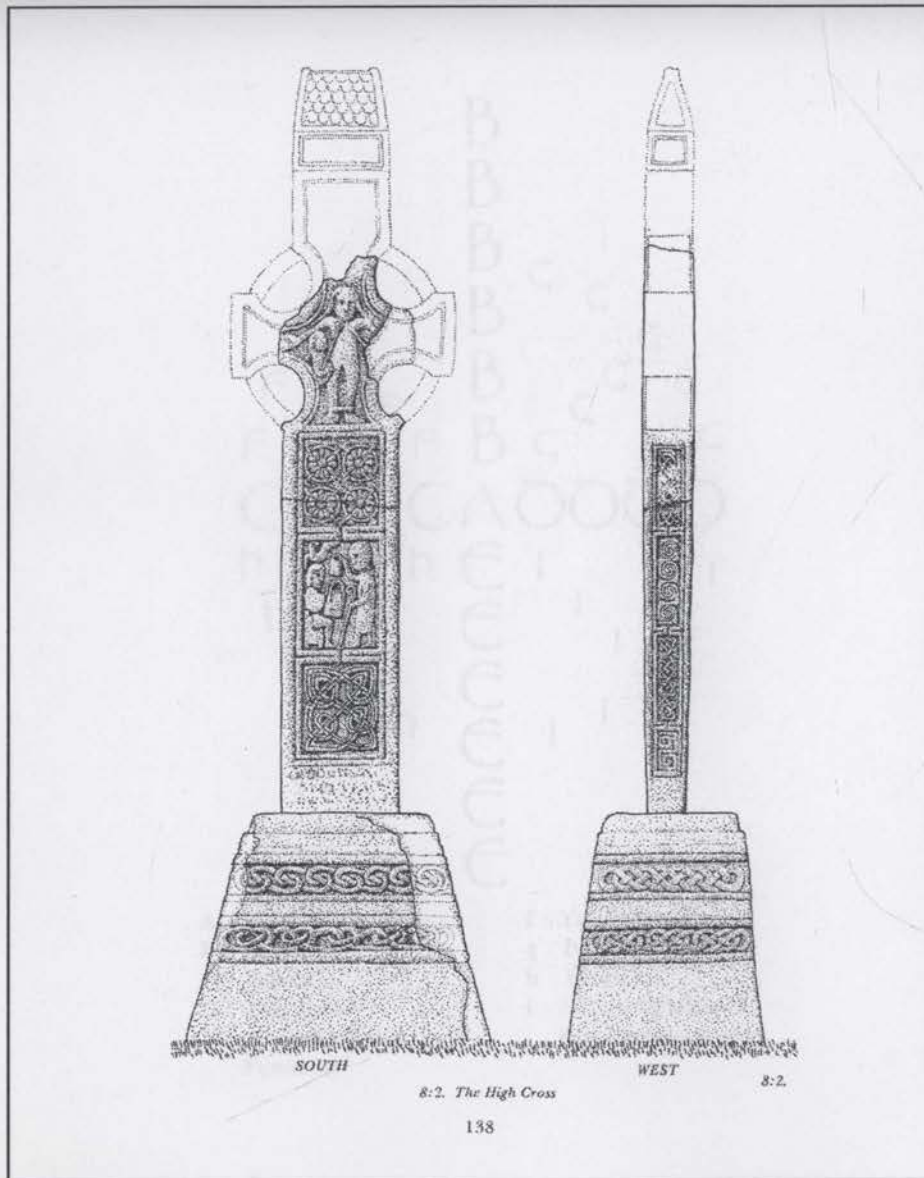
Portal of Santa Sabina, Rome, c. 430 (Kemp 1996, Fig. 2)

FIG 191

VII	Three Marys at the Sepulchre [VII, 2]	Christ Appears to the Three Women [IV, 2]	Christ Appears to His Disciples [V, 1]	Christ with Peter and Paul [VII, 4]
VI	Acclamation (?) [IV, 2]			Advent of Christ [VI, 4]
V	Christ Propheying Peter's Denial [V, 3]	Christ Before Caiaphas [III, 4]	Christ Before Pilate and Carrying the Cross [III, 1]	Crucifixion [VII, 1]
IV	(Nativity Scene)	(Baptism of Christ)	Miracles of Christ [VI, 1]	Ascension of Christ [VI, 3]
III		Adoration of the Magi (?) [VII, 3]		
II	Calling of Moses [IV, 1]	Crossing of the Red Sea [IV, 3]	Miracles of Moses [VI, 2]	Ascension of Elijah [IV, 4]
I	(Jonah Cast into the Sea) (?)	(Jonah Disgorged by the Whale) (?)	Rescue of Habakkuk (?) [V, 4]	(Daniel in the Lions' Den) (?)
	1	2	3	4

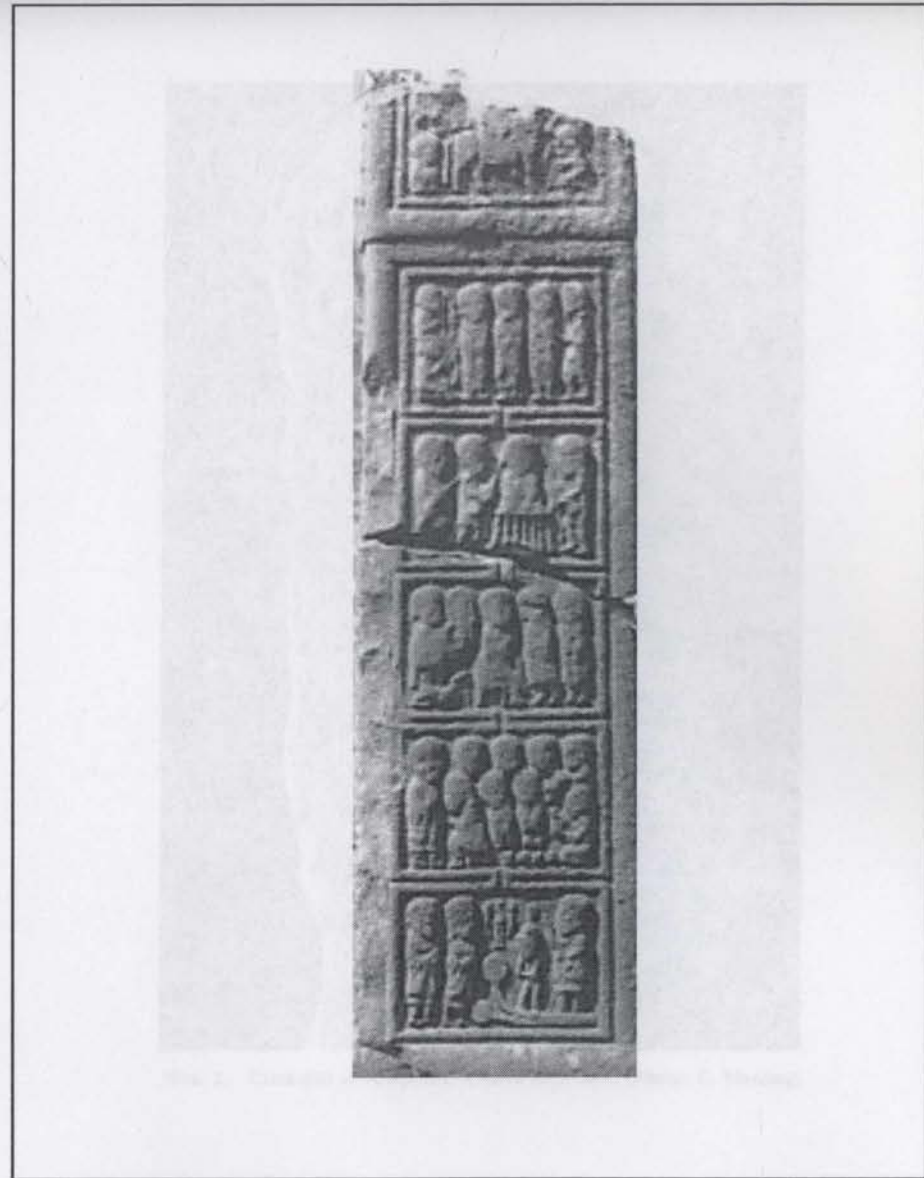
Diagrammatic reconstruction of the original placing of the panels on the door (Kemp 1996, Fig. 3)

FIG 192



Kinnitty High Cross, Co. Offaly (de Paor 1987: 138-139, Fig. 8:2)

FIG 193



Broken Cross, Kells, Co. Meath (Stalley 1996:16, Photo 12)

FIG 194



- |                                 |                       |
|---------------------------------|-----------------------|
| A : Celebrant                   | f : Young Clerics     |
| B : Bishops                     | g : Innocent Children |
| C : Priests                     | h : Penitents         |
| D : Sub-grades                  | i : Married Folk and  |
| E : Anchorites and<br>Penitents | first Communicants    |

Stowe Missal, Easter and Christmas Confraction (**O Dwyer 1981:157**)

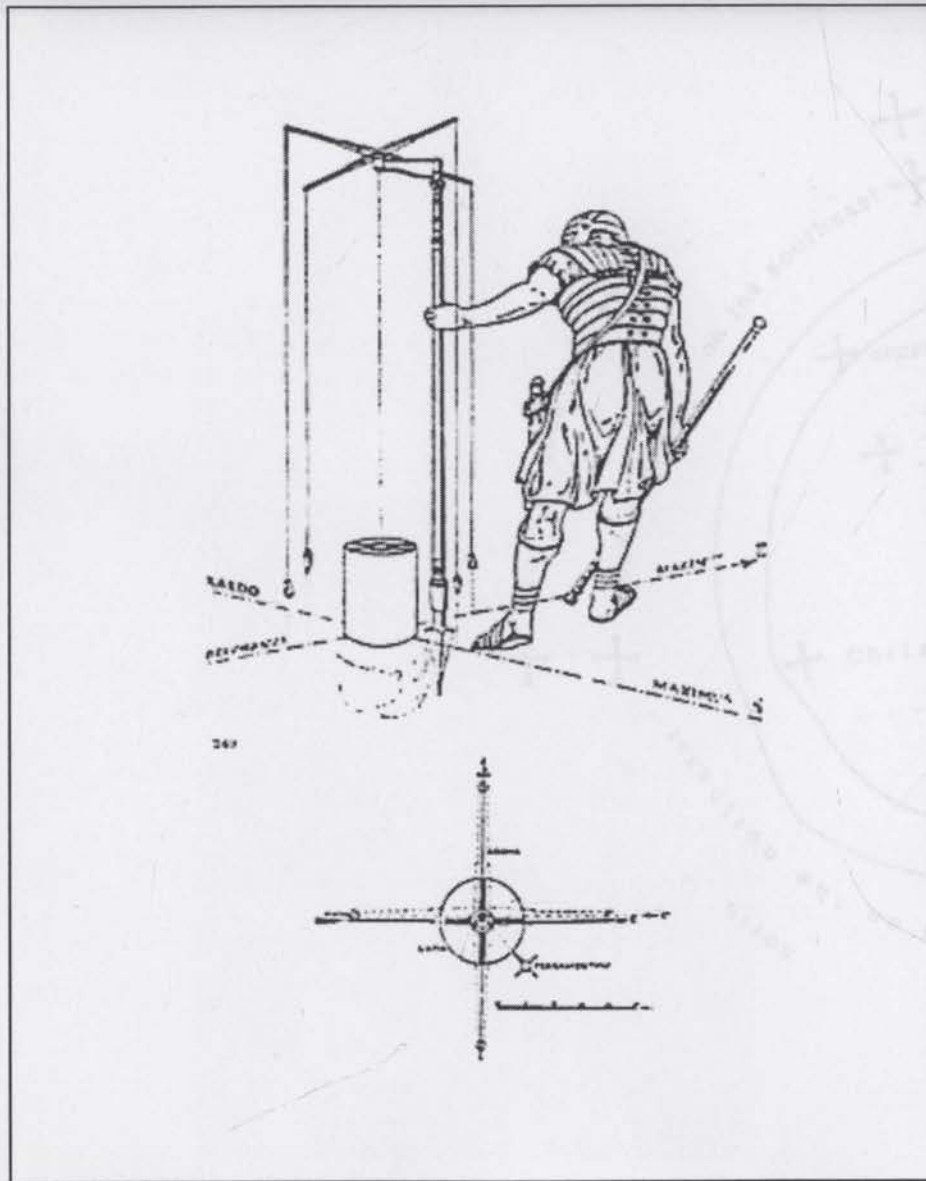
FIG 195



Illus. 2. Cross-slab at Ardamore, Chorca Dhuibhne. (Photo: C. Manning)

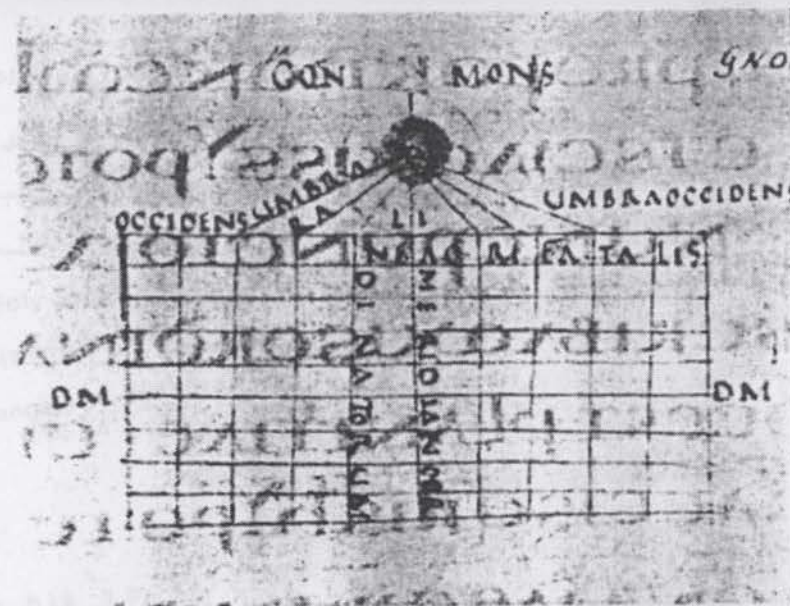
Cross-slab at Ardamore, Chorca Dhuibhne (**Kilbride-Jones 1986, Illus. 2**)

FIG 196



The Roman agrimensor at work (Rykwert 1976, Fig. 11)

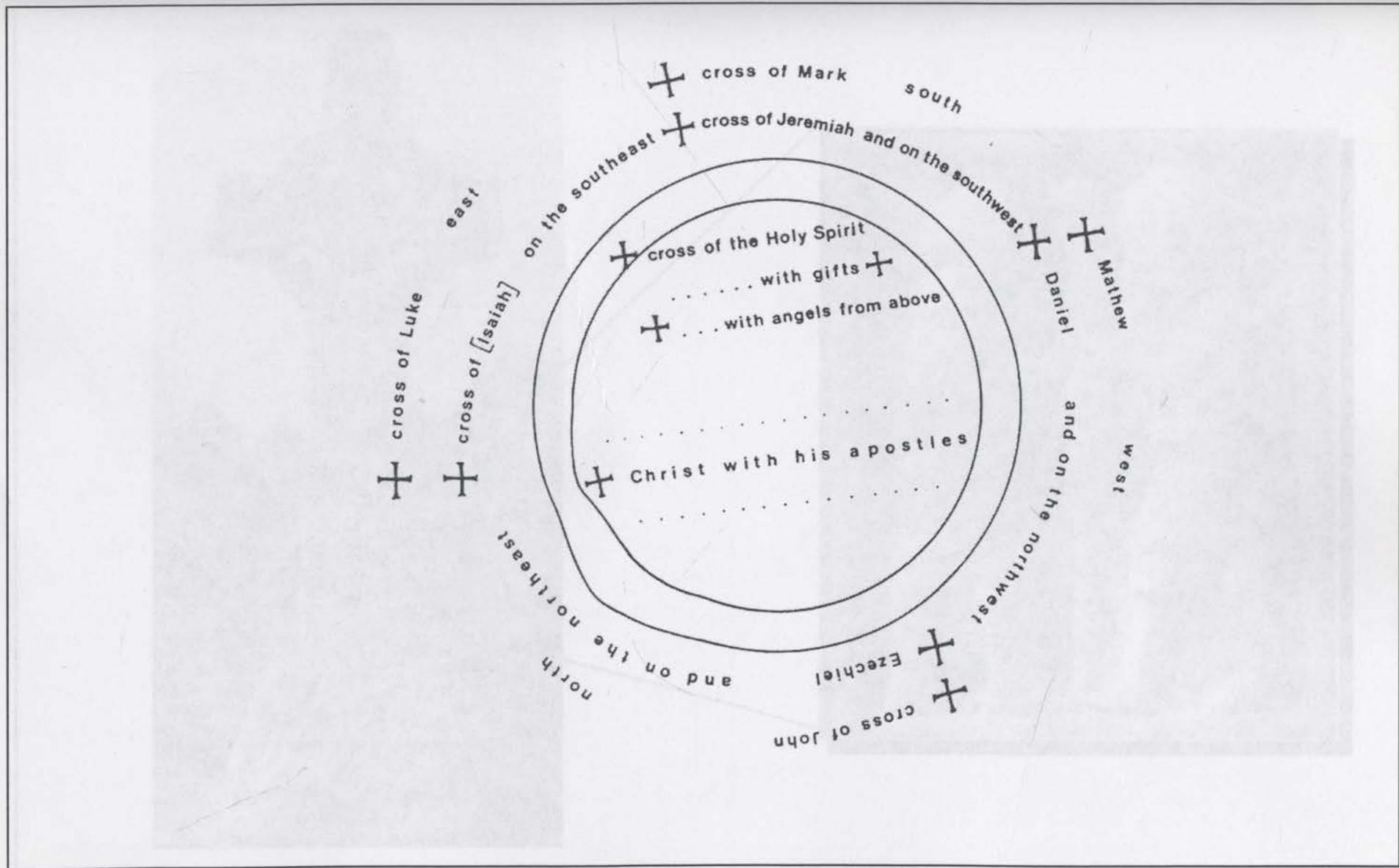
FIG 197



8. The surveyor's gnomon (marked 'con mons') in relation to a centuriated area. This confusing diagram shows the surveyor's instrument set in a circle where it has been cut by seven shadows. It illustrates a passage in Hyg. Grom., and the lines of the shadows are misleadingly joined to the regular divisions of the land. The word on the far right should read *oriens* for *occidens*. The meridian line is the line joining the centre of the circle and the bisected chord, and the other *cardines* are parallel to it, while the *decumani* (only the principal one is marked here 'DM') are simply cut at right angles. The *umbra* are impressions and are not intended to coincide with the diagrammatic *cardines*. *Codex Arcerianus 53 r.*

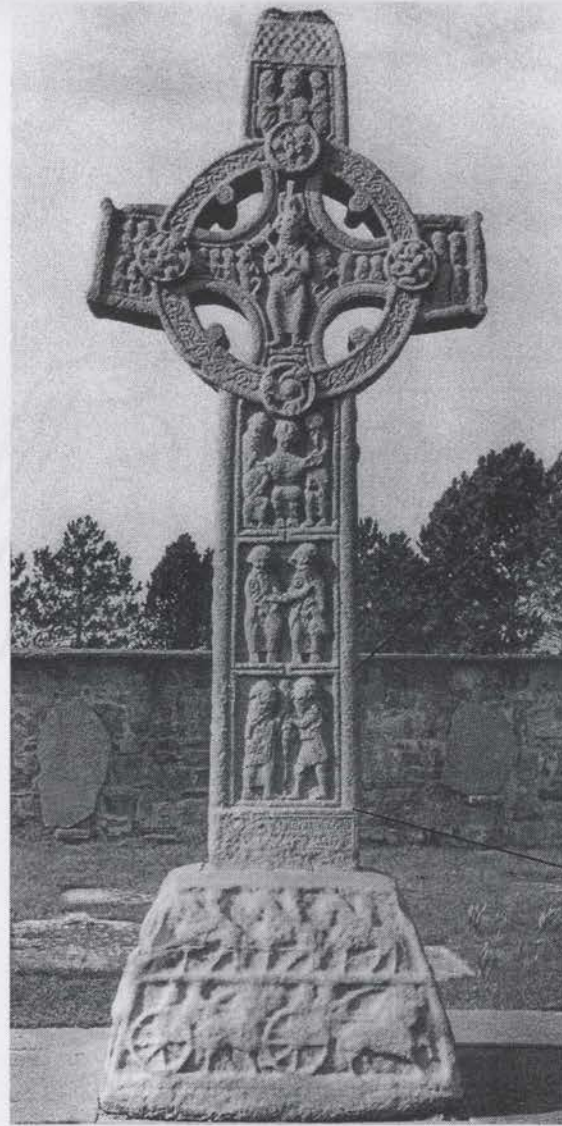
The surveyor's gnomon (Rykwert 1976, Fig. 8)

FIG 199



Book of Mulling Drawing and inscriptions (Nees 1983, Fig. 1) Italy, East Face (Harblson 1992, Fig. 132, Cat. 54)

FIG 202



Panel Detail, Shaft, Cross of the Scriptures, Clonmacnois, Co. Offaly, East Face ( Harbison 1992, Fig. 132, Cat. 54) of base ( MacFlannery 1893: 349) Harbison 1992, Fig. 252, Cat. 91)

FIG 203

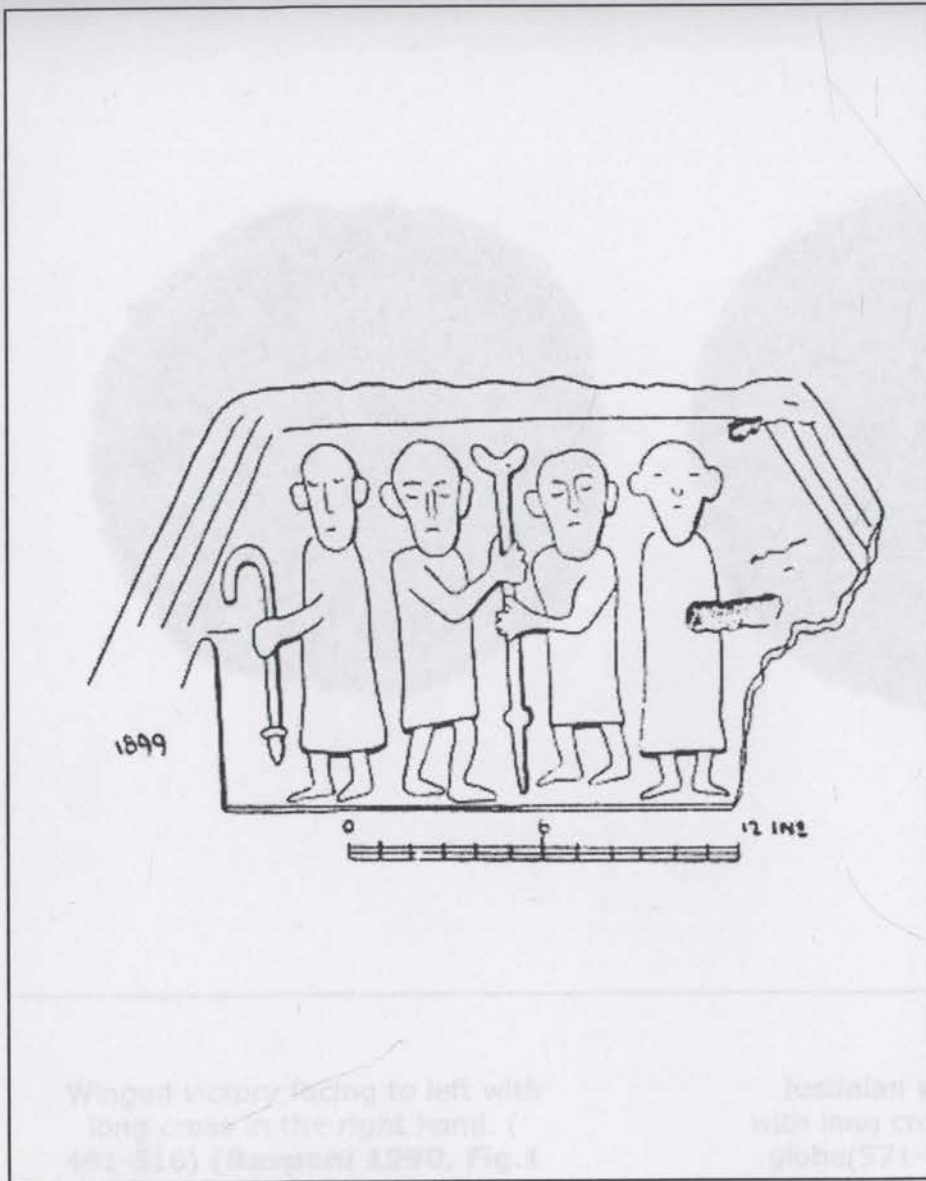


FIG 204



St. Tolas Cross (Dysert O'Dea), Co. Clare, North Face  
(MacNamara 1899: 249)

Dysert O'Dea Cross, Co. Clare, North Side, section of base (Harbison 1992, Fig. 262, Cat. 91)



Winged *victory* facing to left with long cross in the right hand. (491-518) **(Rasponi 1990, Fig.1 Reverse)**

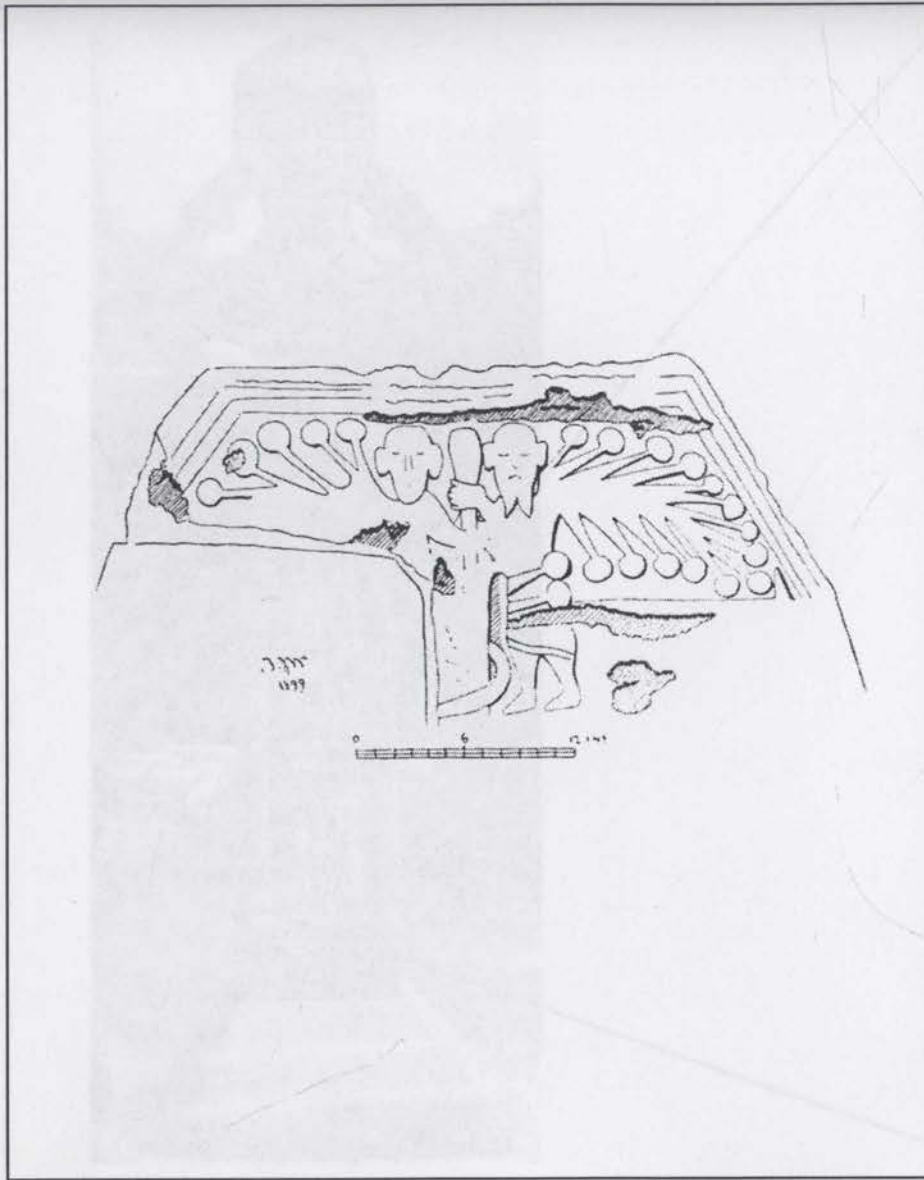


Justinian Winged *Victory* with long cross and cross-in-globe(571-565) **(Rasponi 1990, Fig. 3 Reverse)**



Seal, Winged *victory* seal with long cross, finishing with the monogram of Christ, and globe in cross (602-610) **(Rasponi 1990, Fig. 6 Reverse)**

FIG 206

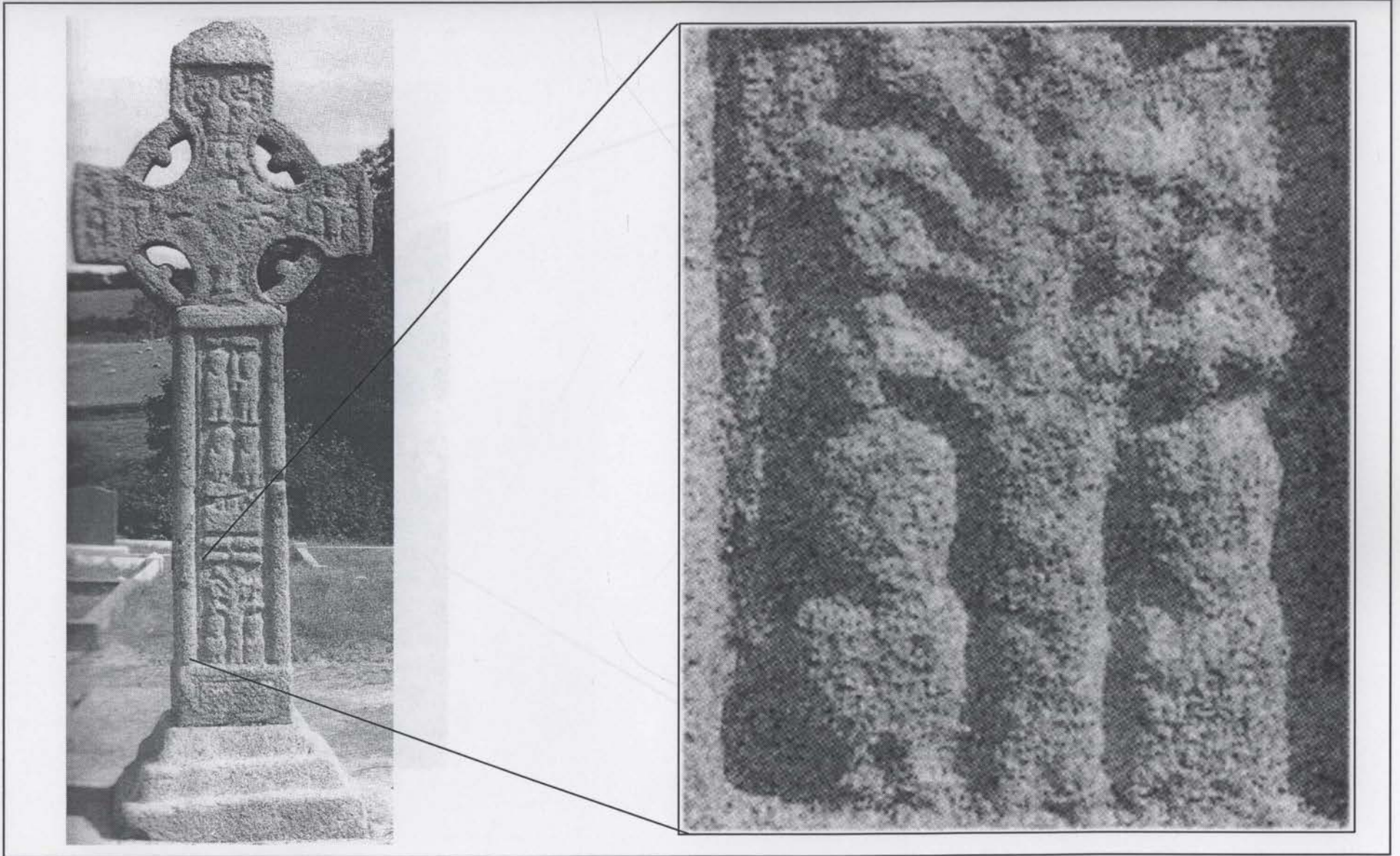


St. Tolas Cross (Dysert O'Dea Cross), Co. Clare, West Face  
(MacNamara 1899: 248)

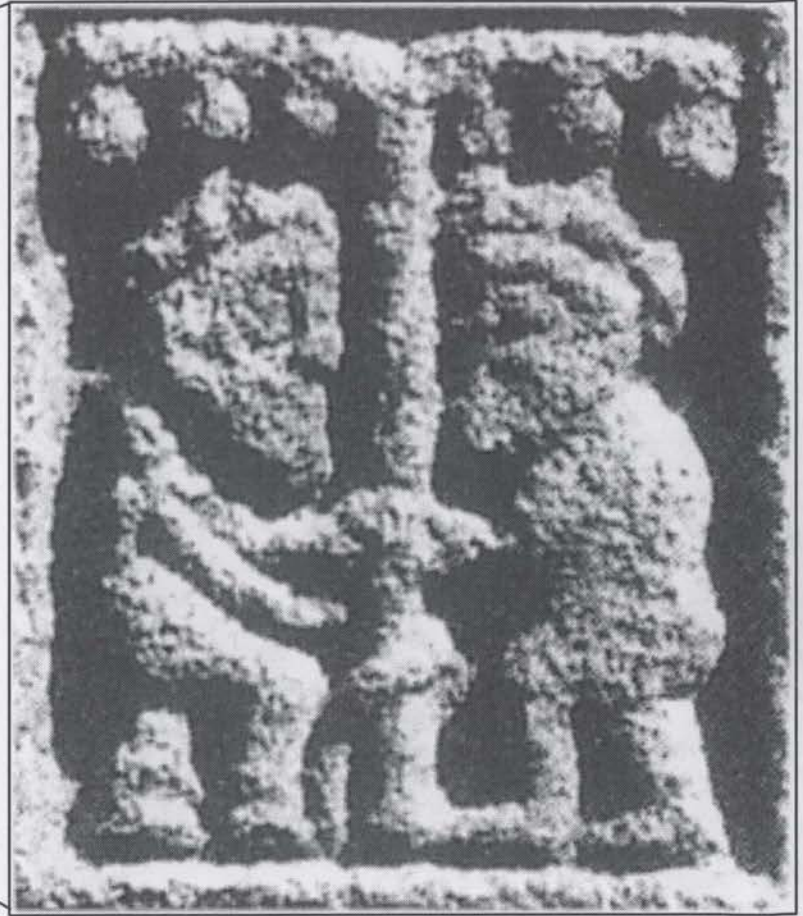
FIG 207



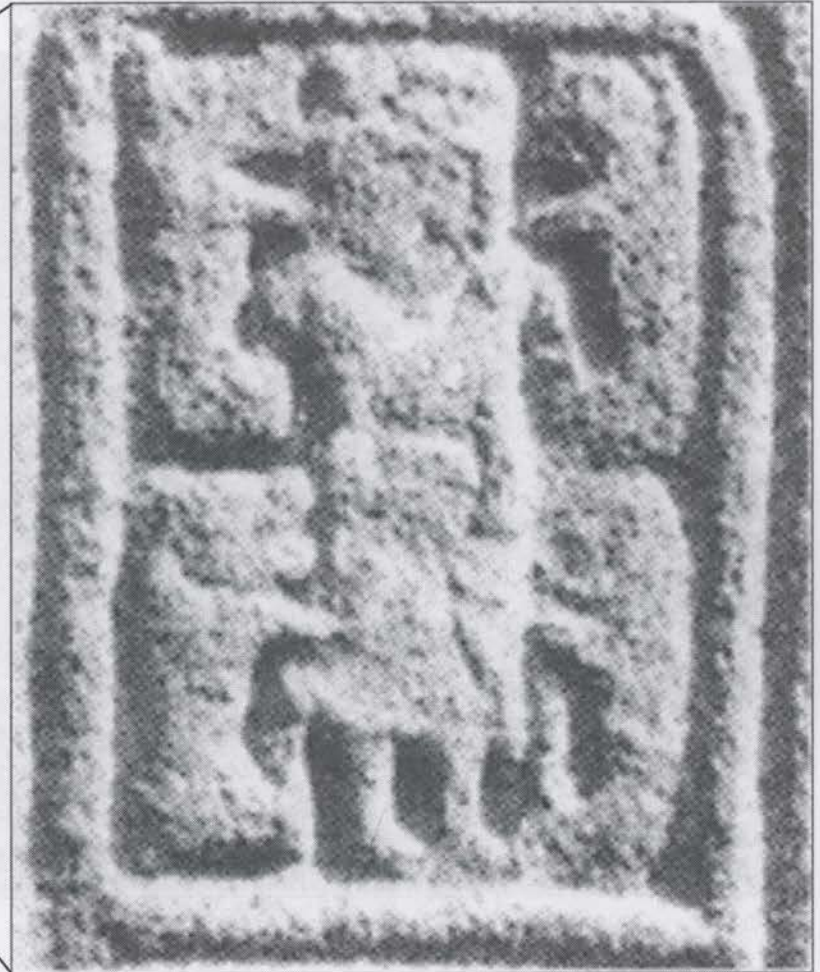
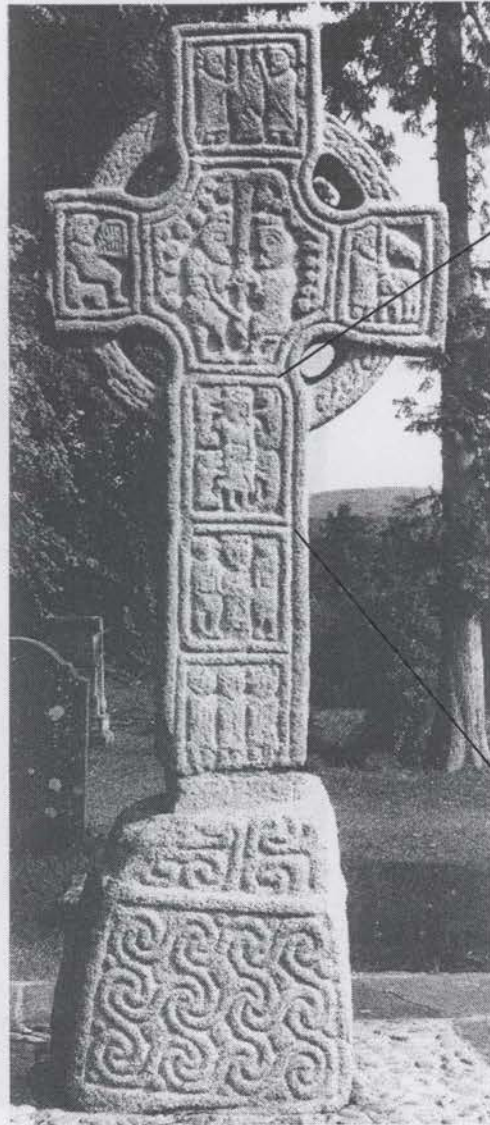
Dysert O'Dea Cross, Co. Clare, West Side, section of base (Harbison 1992, Fig. 263, Cat. 91)



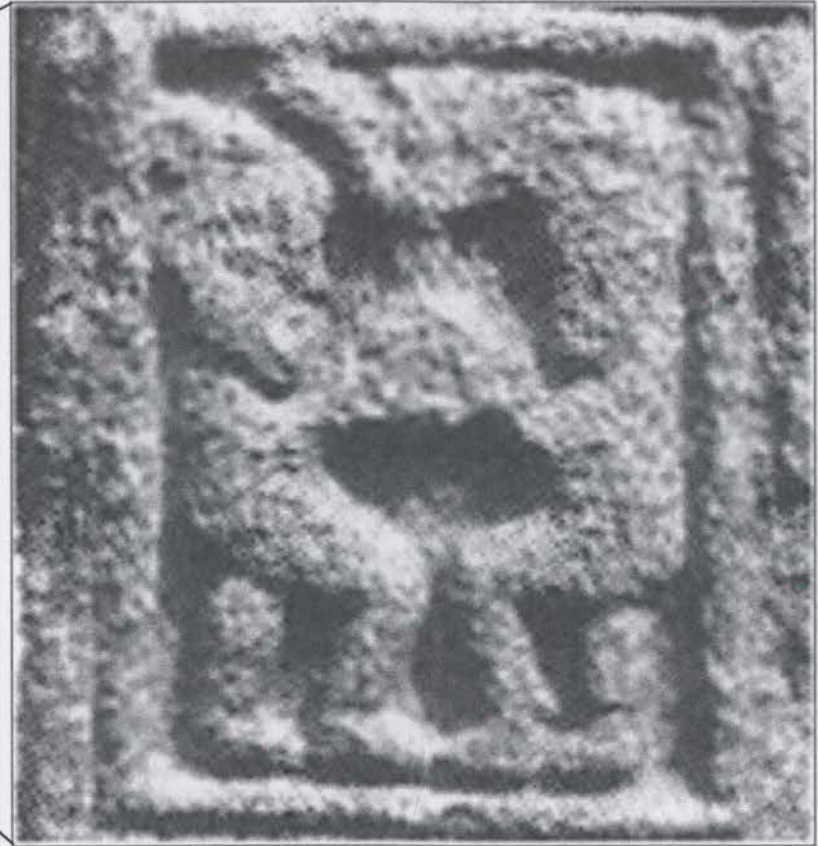
Composite Cross, Donaghmore, Co. Down, West Face (**Harbison 1992, Fig. 189 Cat. 68**)



South Cross, Castledermot, Co. Kildare. West Face (Harbison 1992, Fig. 109, Cat. 37) Harbison 1992, Cat. 36, Fig. 103)

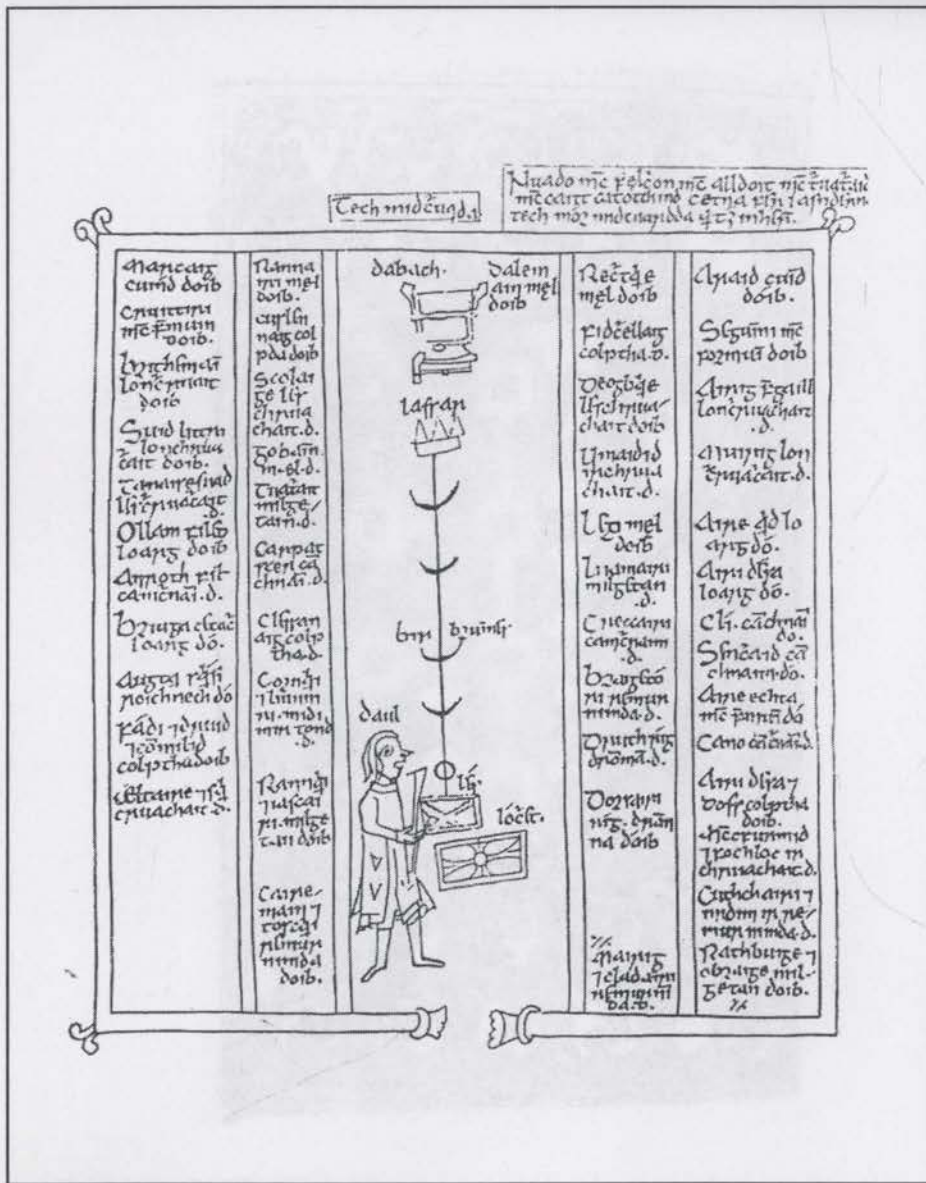


**Detail: Daniel in the Lions Den, Castledermot, North Cross, Co. Kildare, West Face (Harbison 1992, Cat. 36, Fig. 103)**



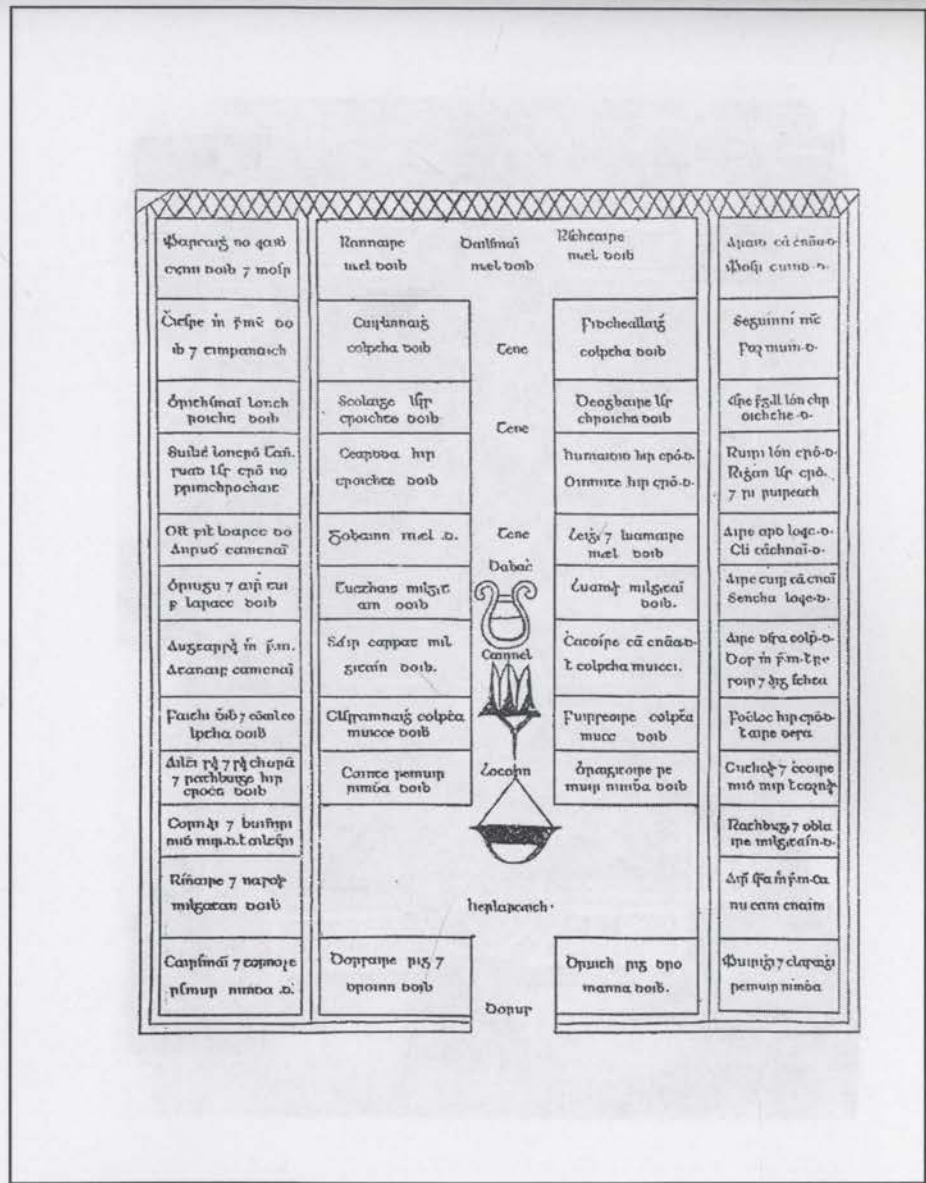
South Cross, Castledermot, Co. Kildare. West Face (Harbison 1992, Fig. 107, Cat. 37) all from the Yellow Book Of Lecan (O Riordan 1957: 15)

FIG 212



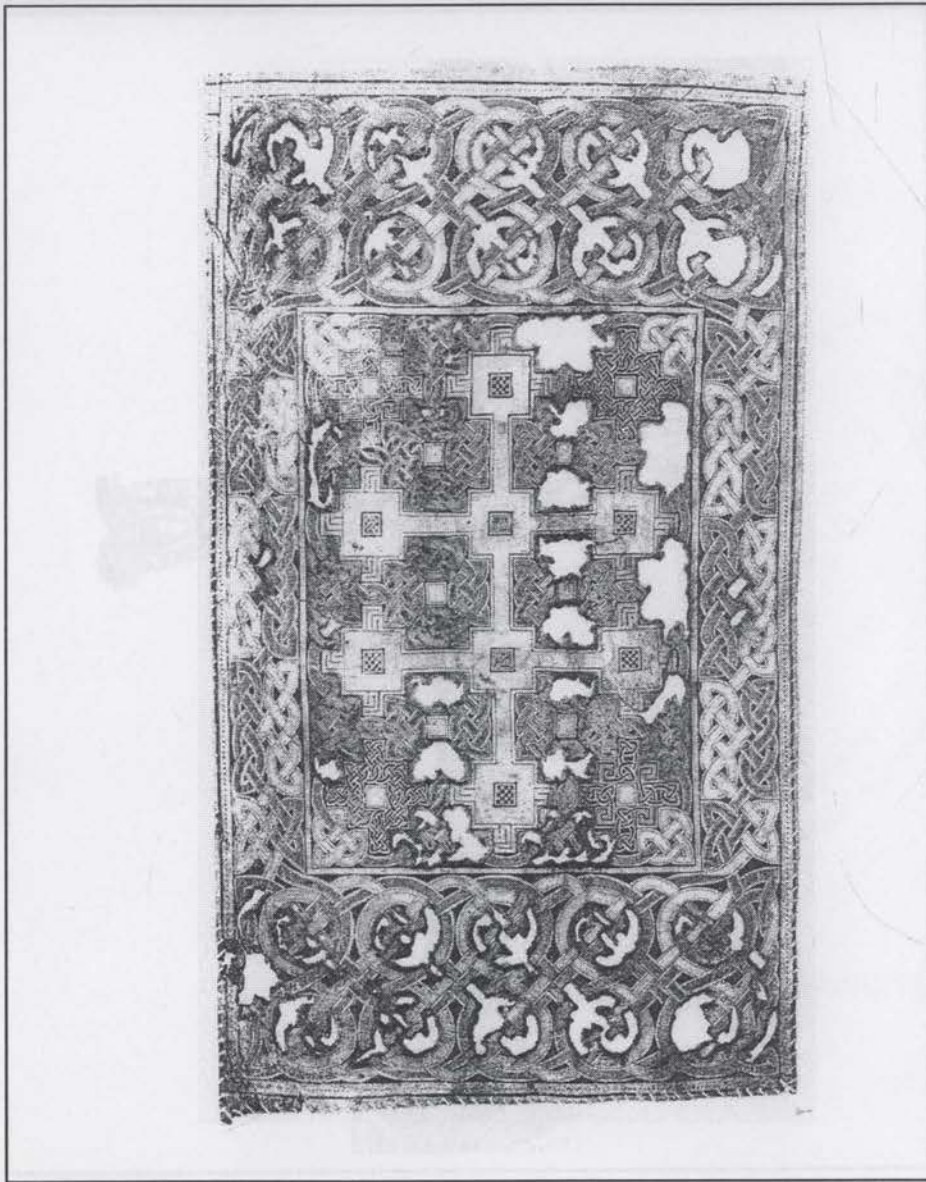
Plan from the Banquet Hall from the *Book of Leinster* (O'Riordáin 1957: 15)

FIG 213



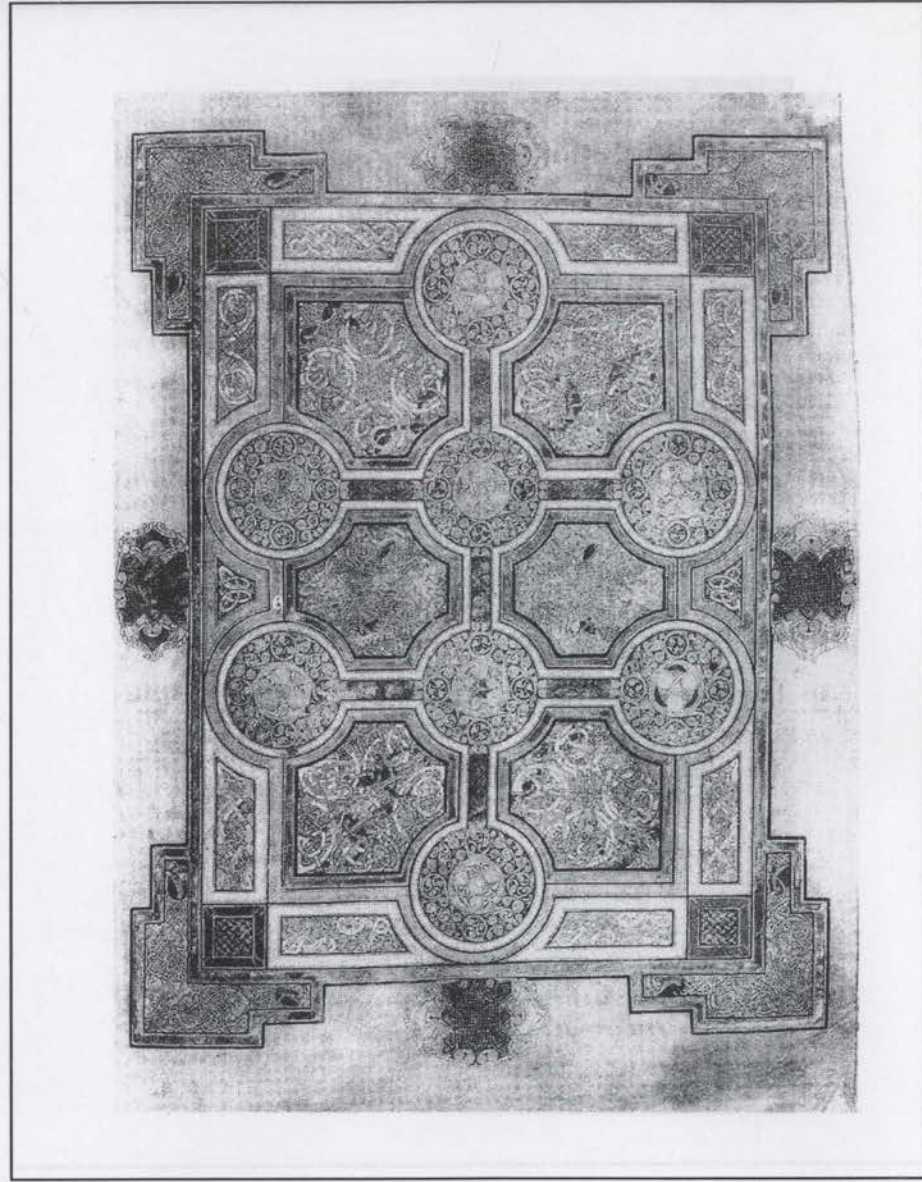
Plan of the Banquet Hall from the *Yellow Book of Lecan* (O'Riordáin 1957: 16)

FIG 214



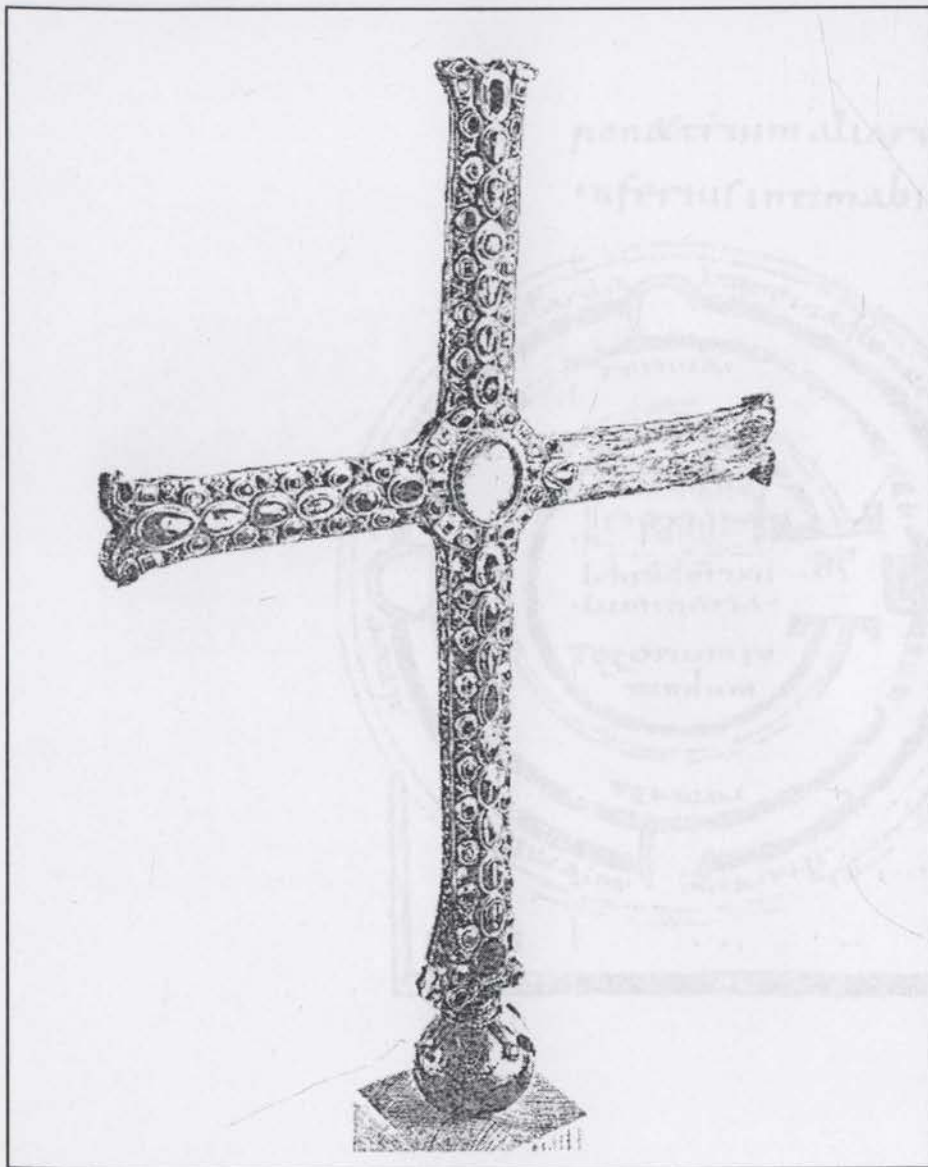
*Book of Durrow, Cross Carpet Page, Fol. 1v (Werner 1990, Fig. 1)*

FIG 215



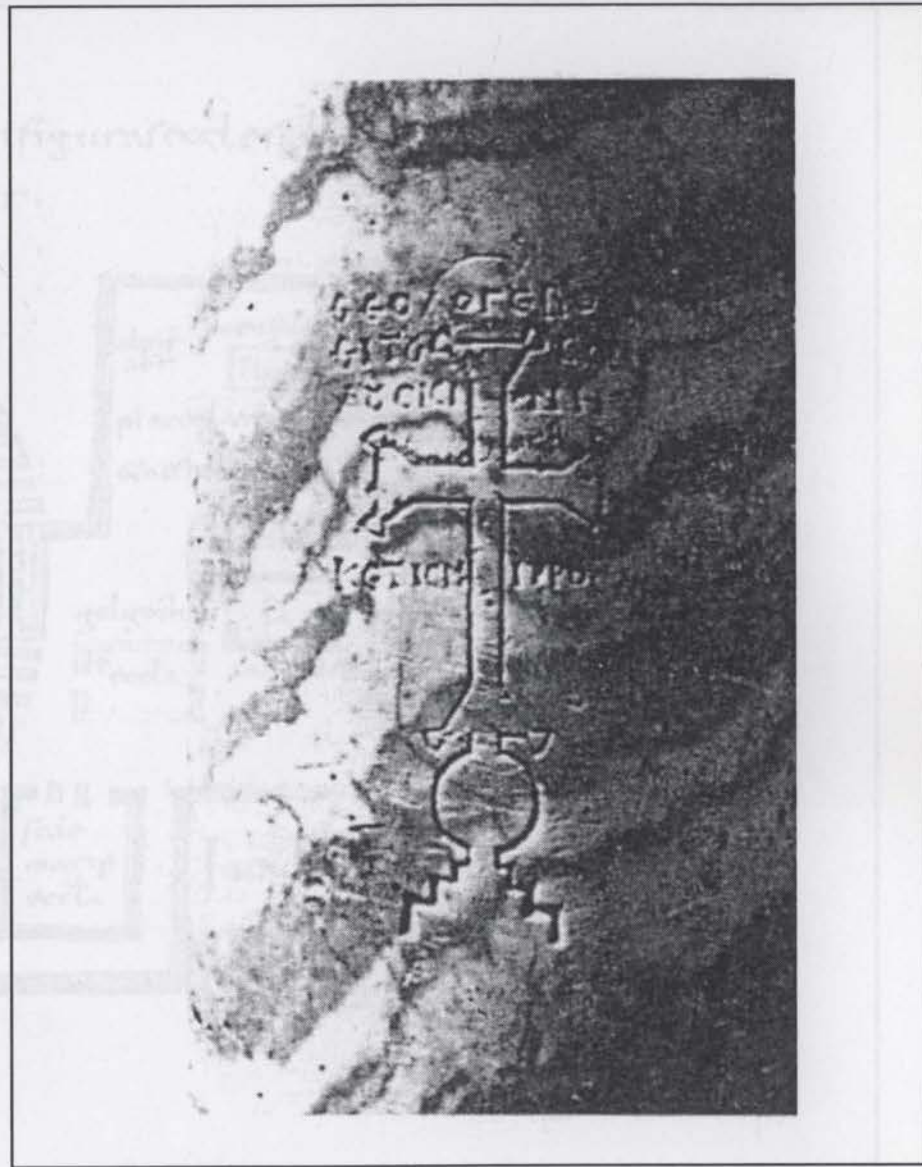
*Crux Gemmata, Book of Kells (folio 33r) (Lewis 1980, Fig. 11)*

FIG 216



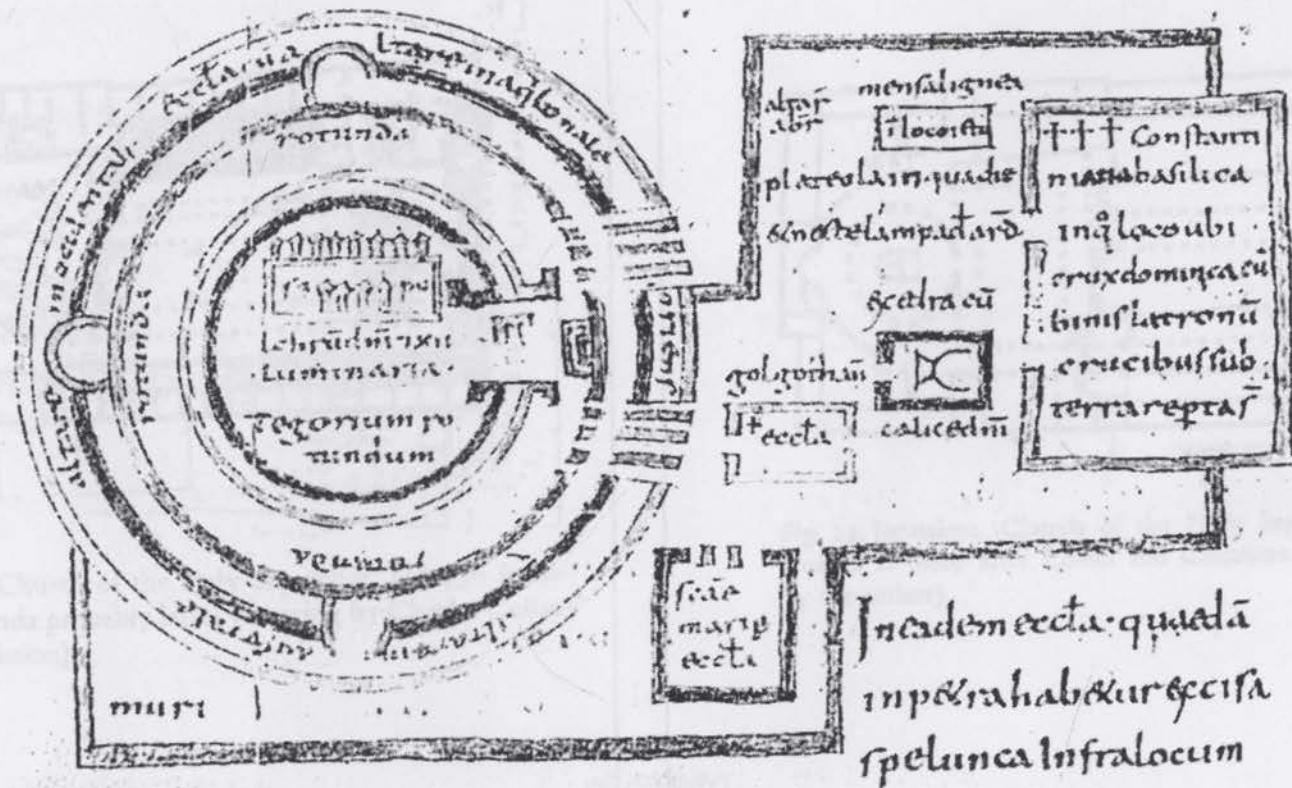
Ardennenkreuz (Mahler 1978, Plate 1)

FIG 217



Pilgrim graffito, seventh century, Ephesus, Church of Saint John the Evangelist (Vikan 1998, Fig. 8.33)

non & trium aliarum figurarum ecclesiarum. De quibus  
inferius intimabitur.



Sketch of the Holy Sepulchre and its surroundings, Vienna, Cod. 458, f. 4. (Meehan 1958, Fig. 46)

FIG 219

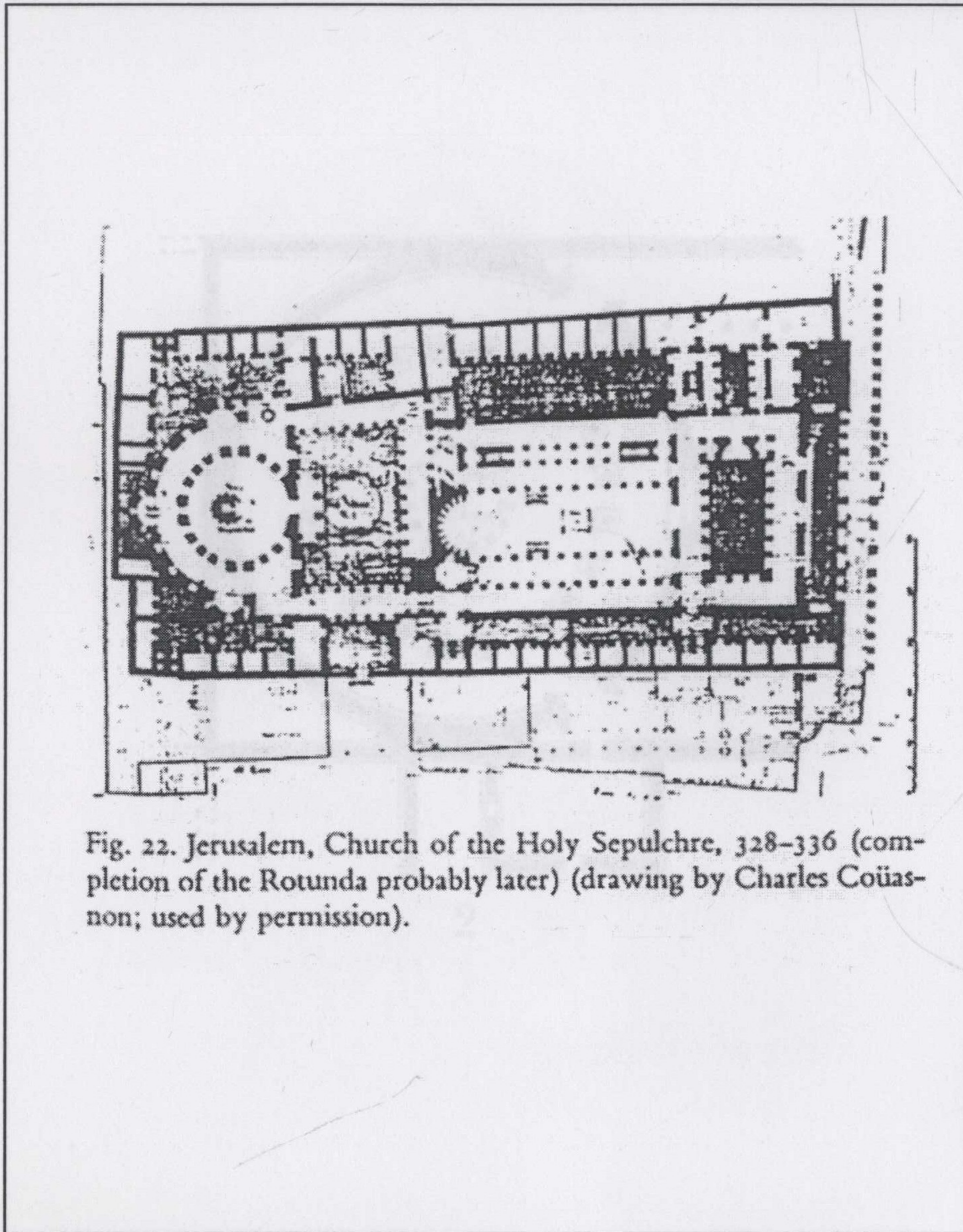


Fig. 22. Jerusalem, Church of the Holy Sepulchre, 328-336 (completion of the Rotunda probably later) (drawing by Charles Coüasnon; used by permission).

Jerusalem, Church of the Holy Sepulchre, 328-336 (Completion of the Rotunda probably later) (Armstrong 1993, Fig 22)

FIG 220

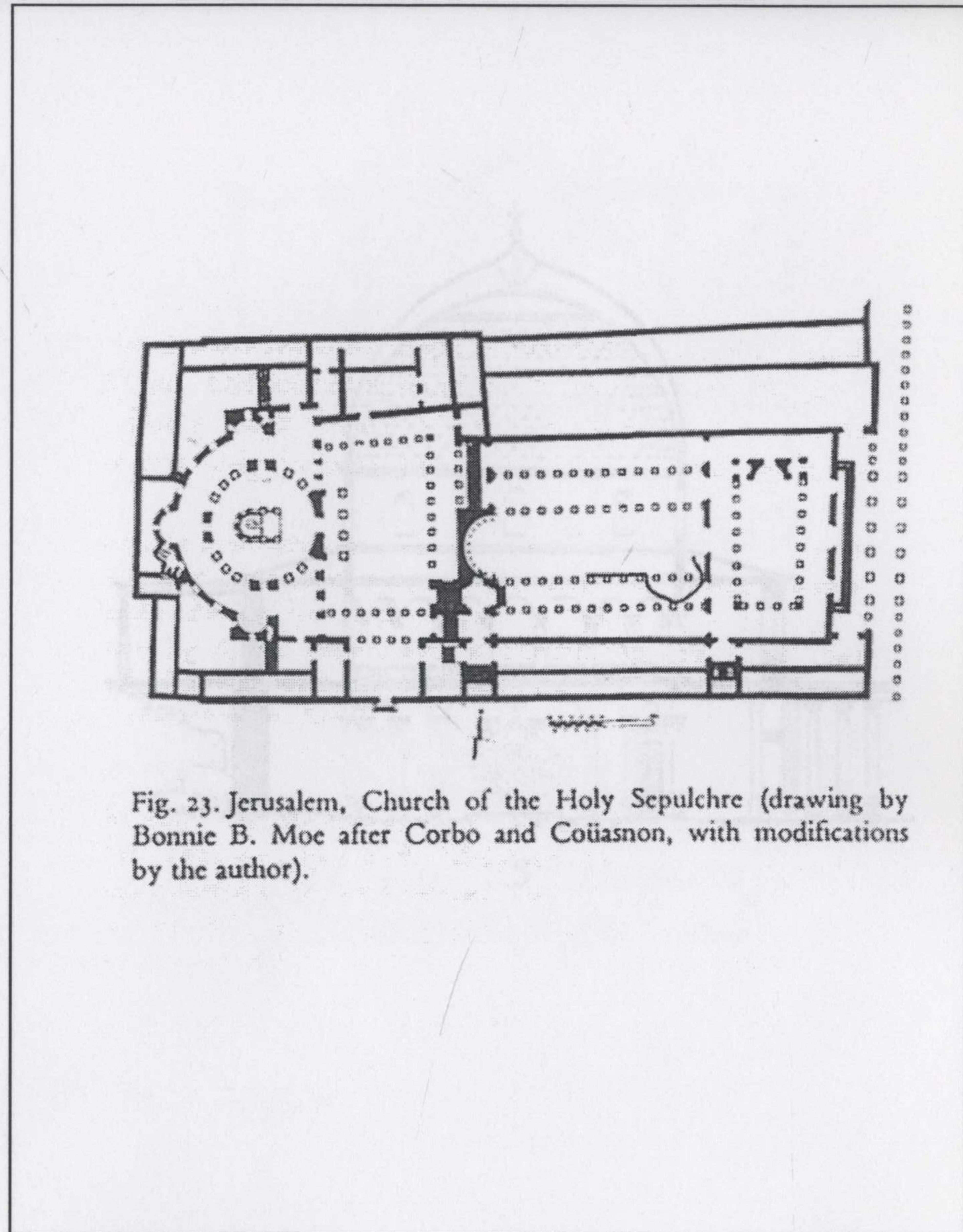
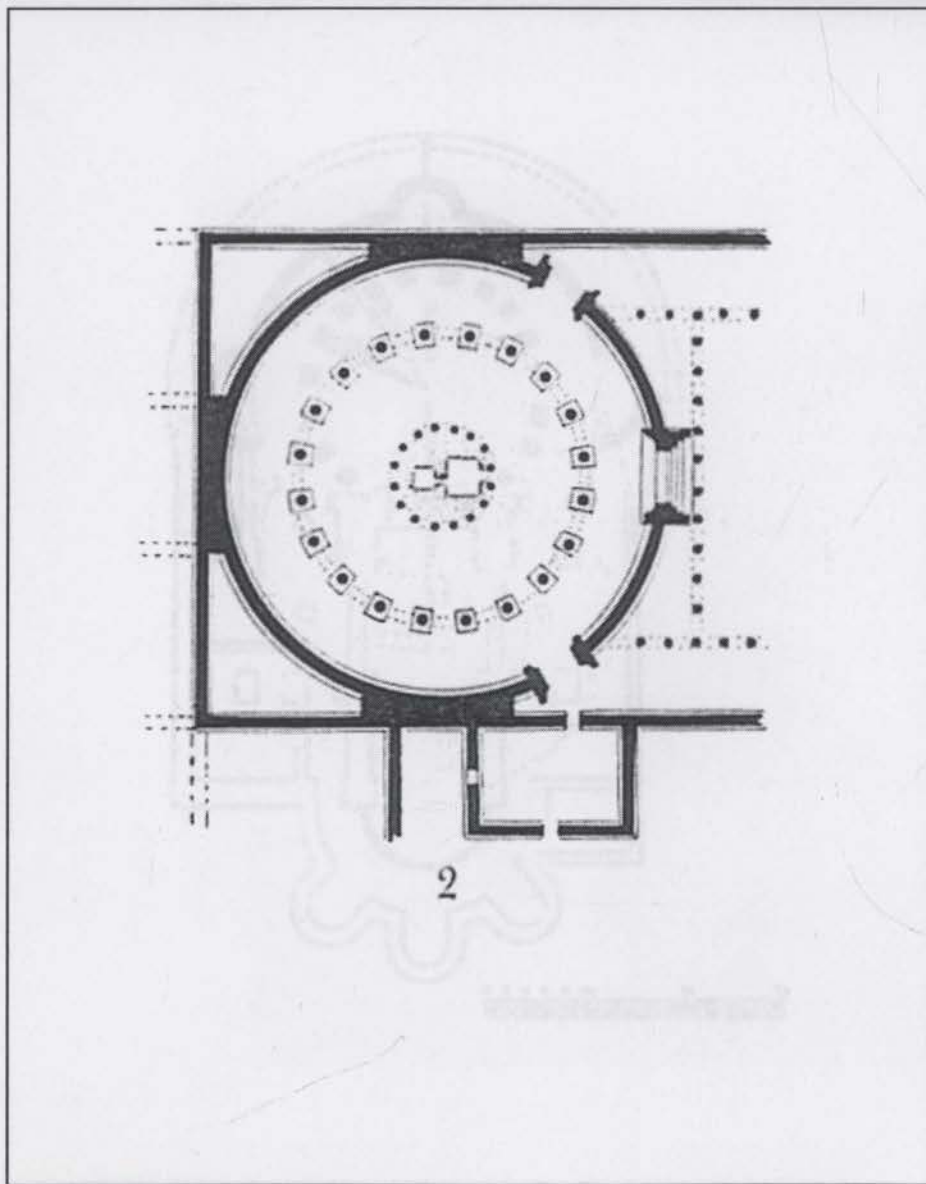


Fig. 23. Jerusalem, Church of the Holy Sepulchre (drawing by Bonnie B. Moe after Corbo and Coüasnon, with modifications by the author).

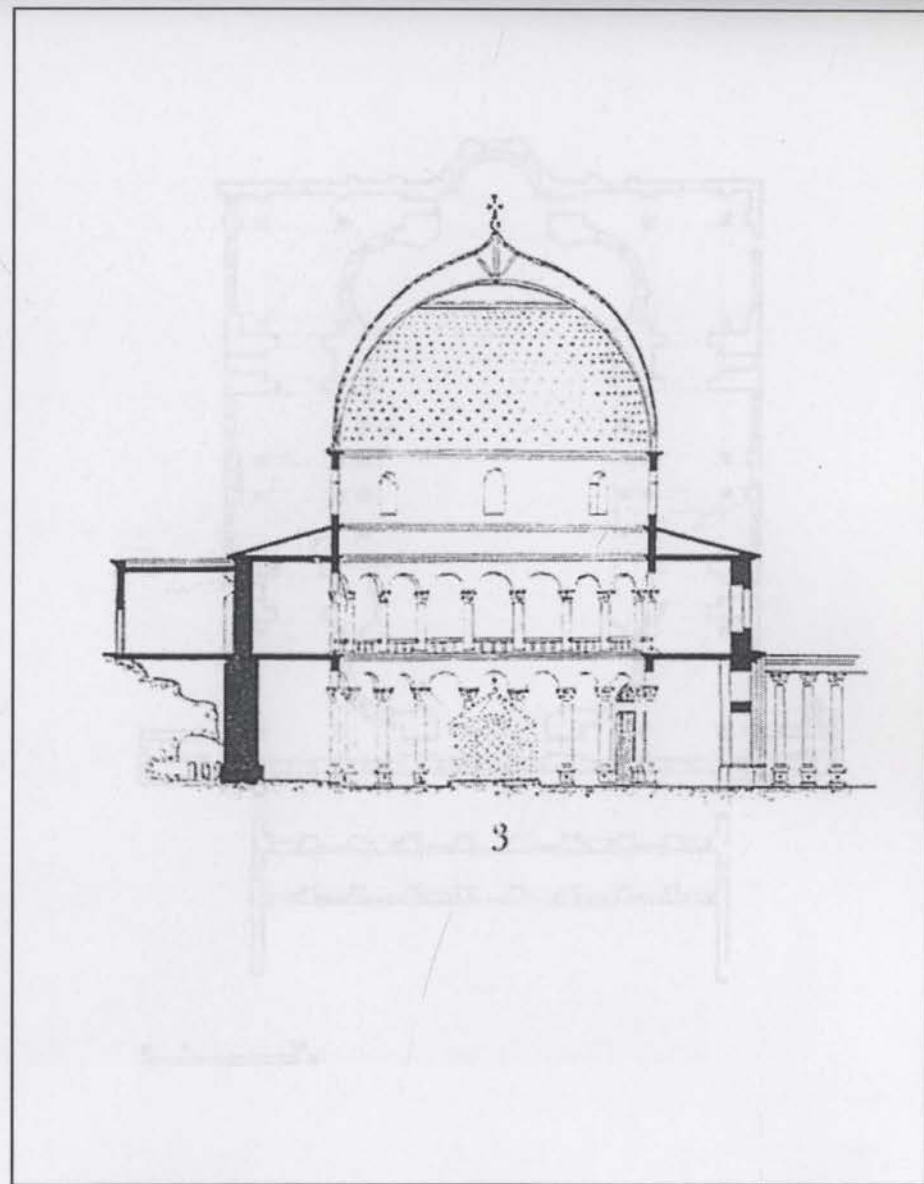
Jerusalem, Church of the Holy Sepulchre (Armstrong 1993, Fig 23)

FIG 221



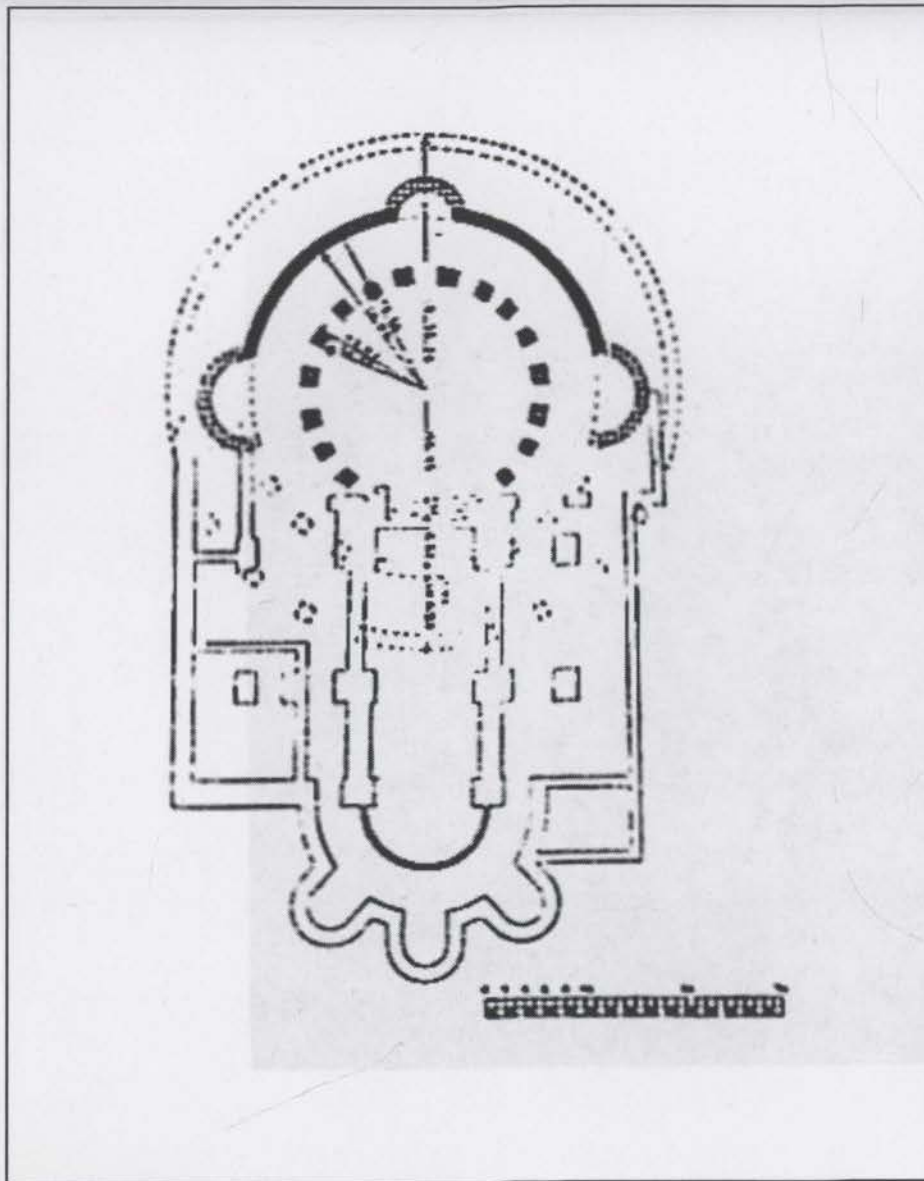
Holy Sepulchre, Plan, fourth century (**Baldwin-Smith 1971, Fig 2**)

FIG 222



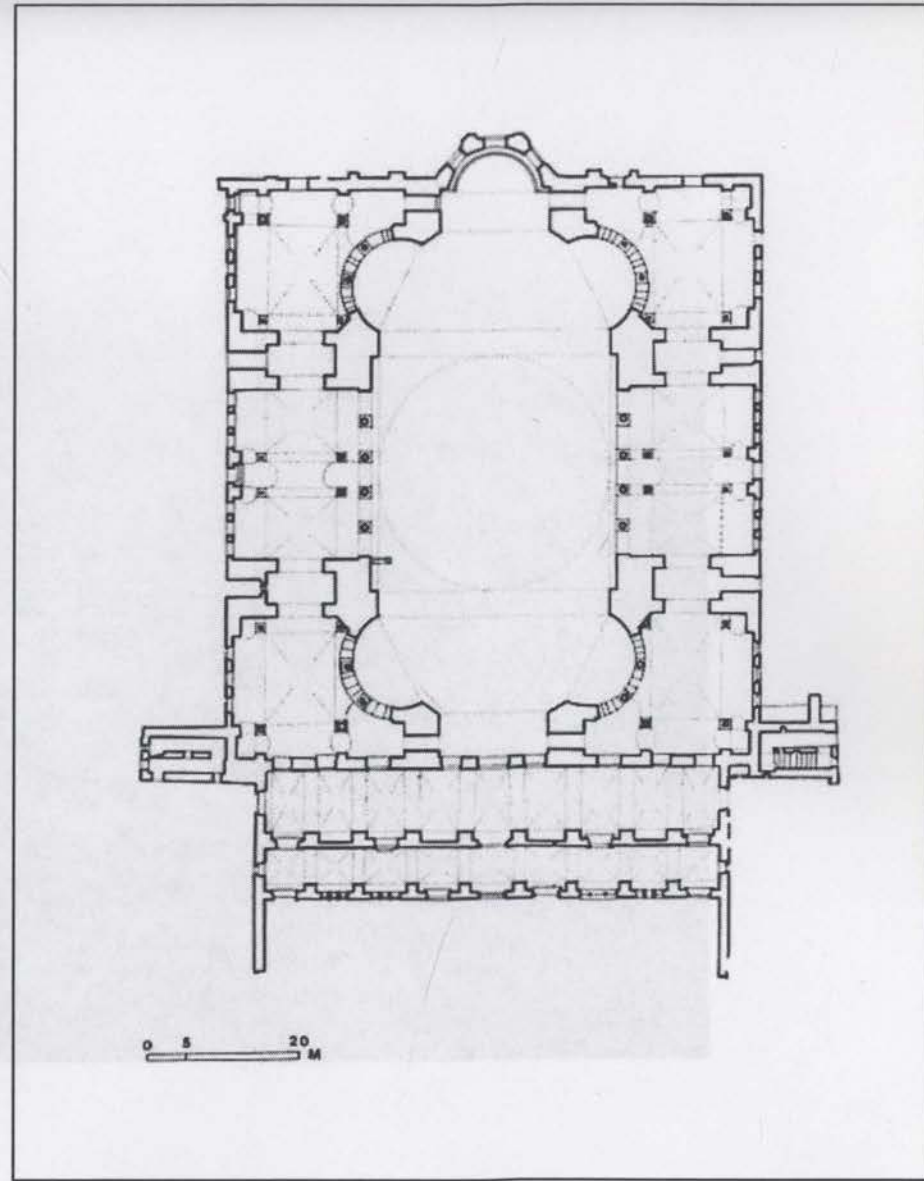
Holy Sepulchre, section, fourth century (**Baldwin-Smith 1971, Fig 3**)

FIG 223



Anastasis, Jerusalem (Krautheimer 1942, a)

FIG 224



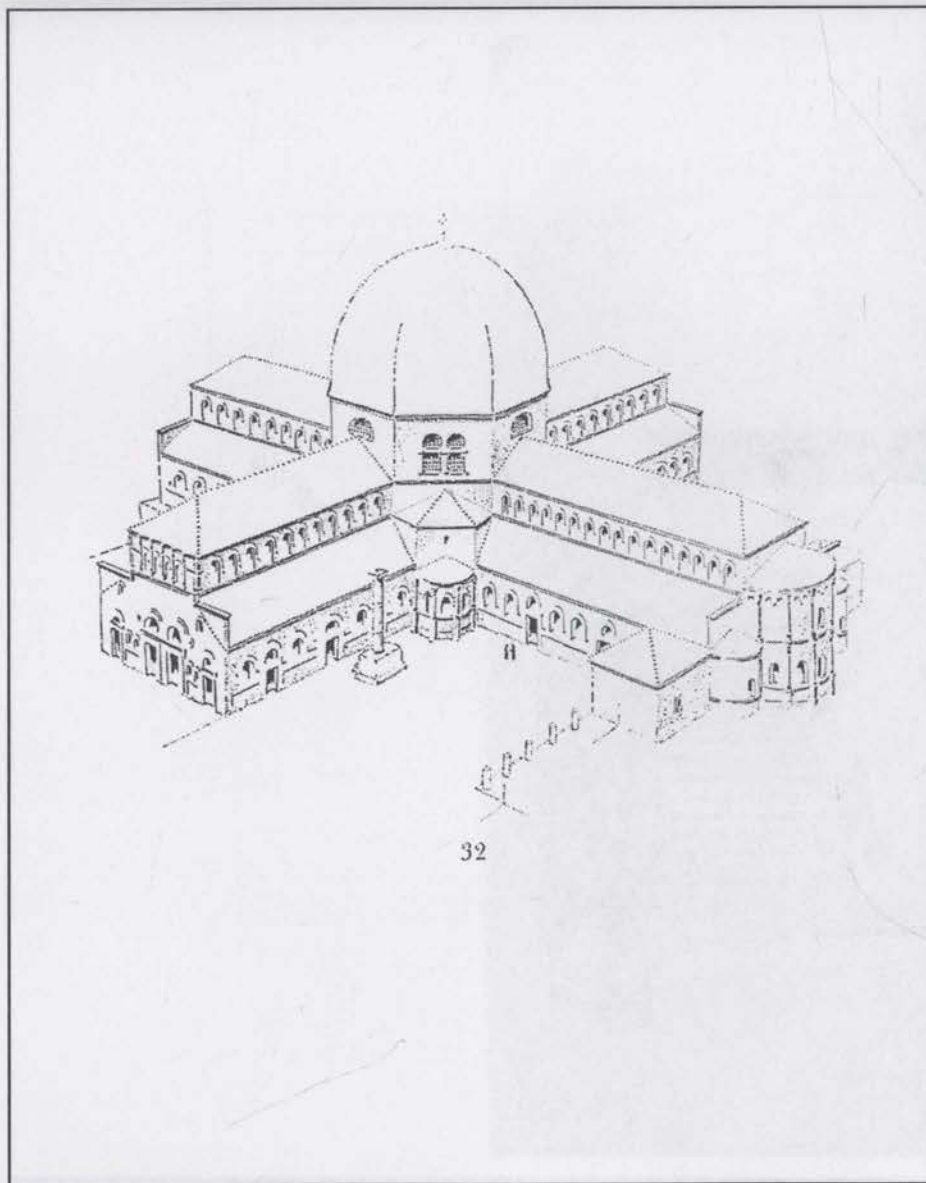
Hagia Sophia, Plan, Istanbul (532-537) (Durand 1999: 23)



Hagia Sophia, Istanbul, view from south (**Durand 1999: 23**)

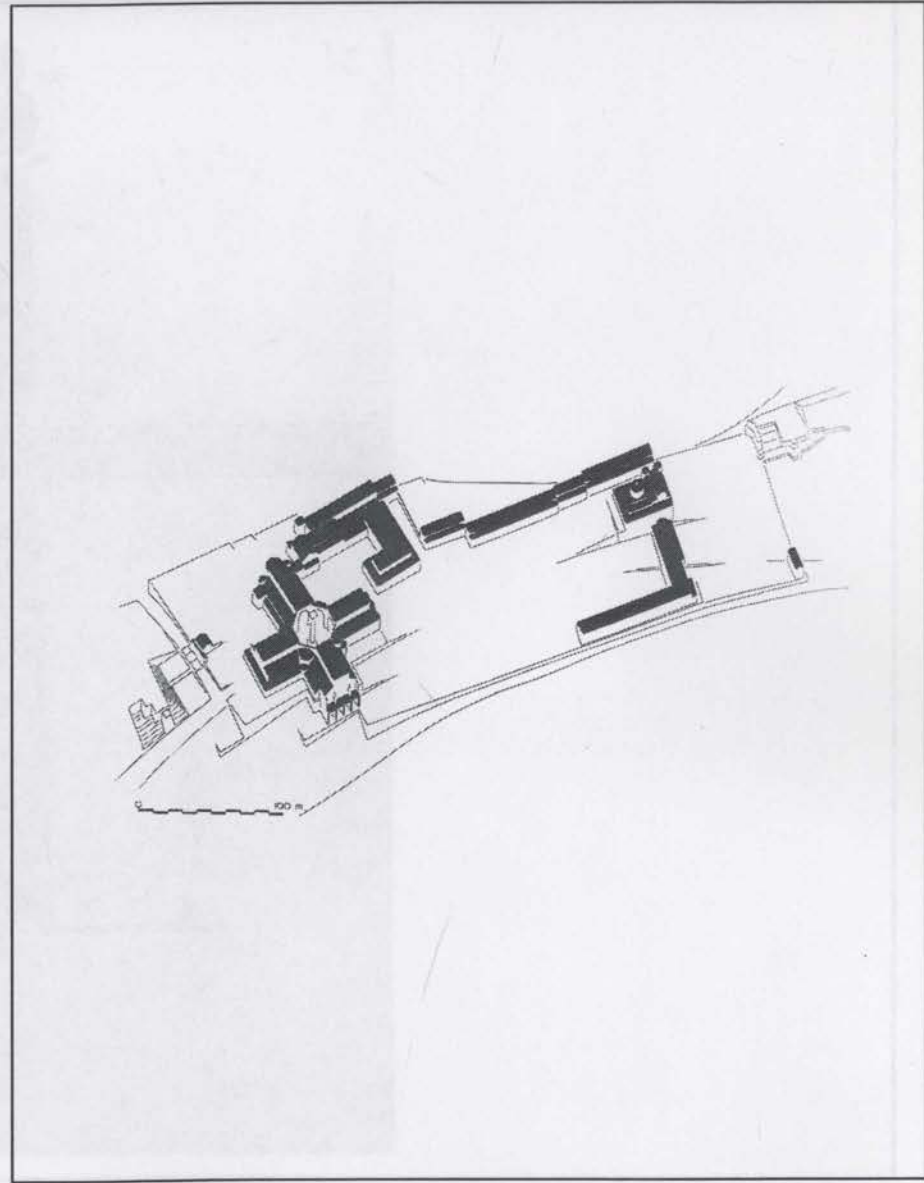
*Qa'at Sun'at, Pilgrimage shrine of Symeon the Stylite the Elder, later quarter of the 10th century (Javocenko 1996, Fig. 8.3)*

FIG 226

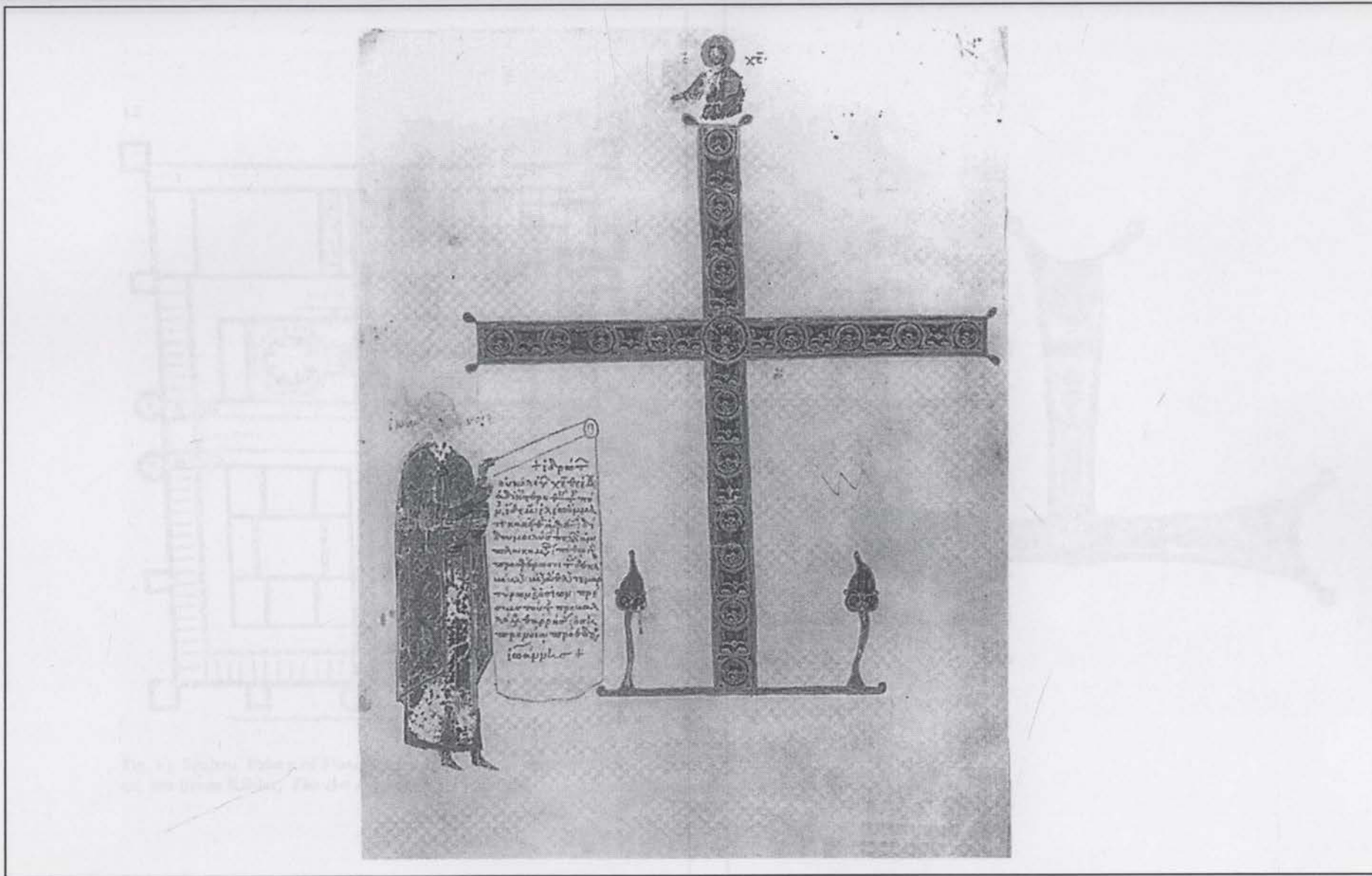


S. Simeon Stylites, Kal'at Sim'an, exterior (**Baldwin-Smith 1971, Fig 32**)

FIG 227



Qal'at Sem'at, Pilgrimage shrine of Symeon the Stylite the Elder, later quarter of the fifth century (**Sevcenko 1998, Fig. 8.3**)



The donor John Proedros, frontpiece to a now lost edition of the Menologion of Symeon Metaphrastes, eleventh century (Sevcenko 1998, Fig. 8)

FIG 229

12

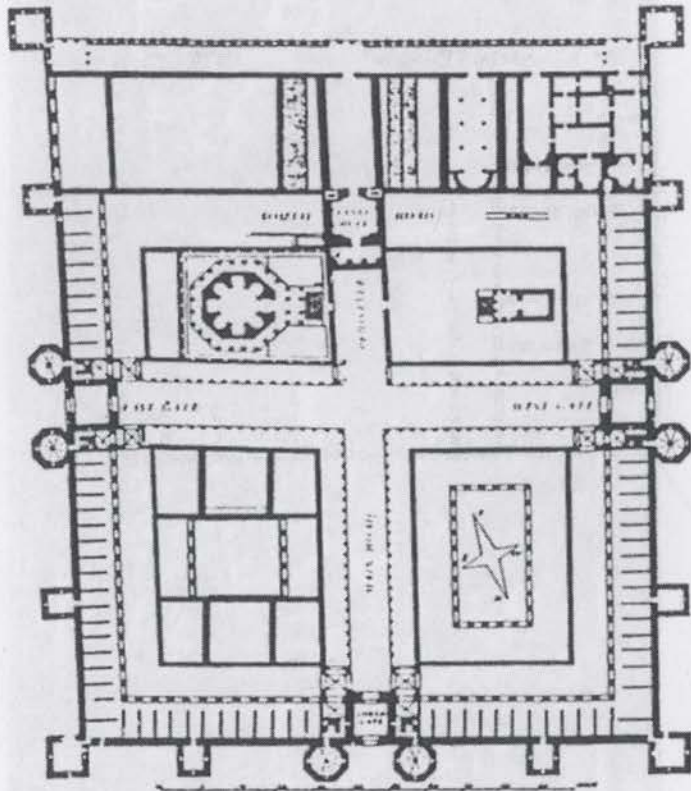
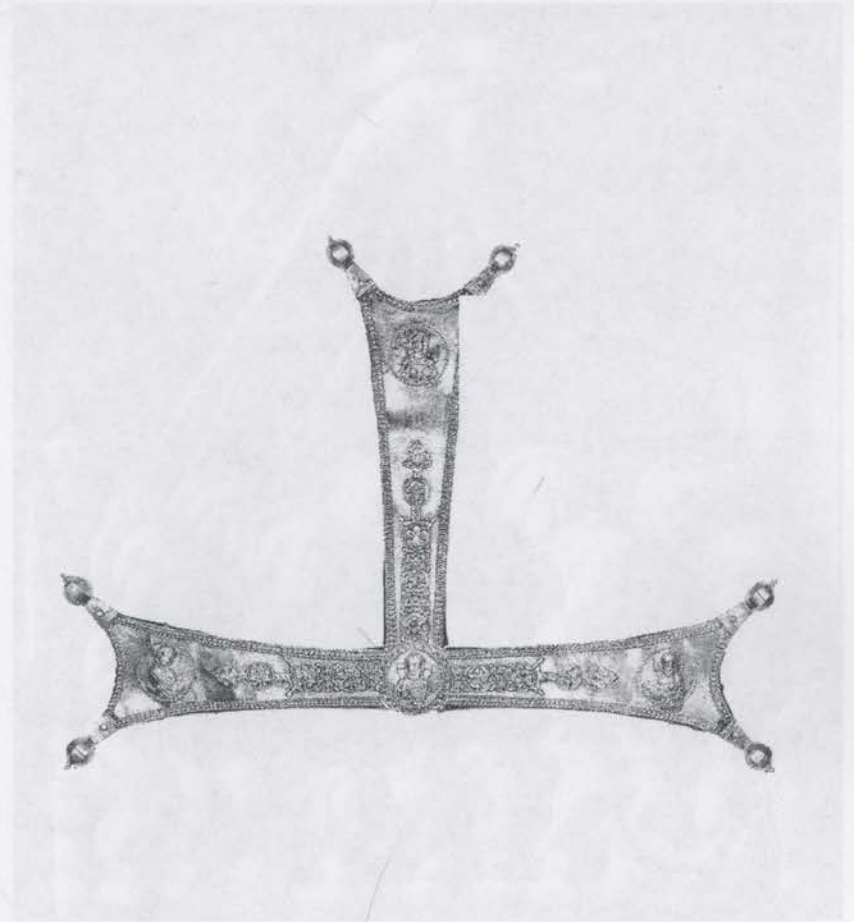


Fig. 13. Spalato, Palace of Diocletian with octagonal mausoleum, ca. 300 (from Kähler, *The Art of Rome*).

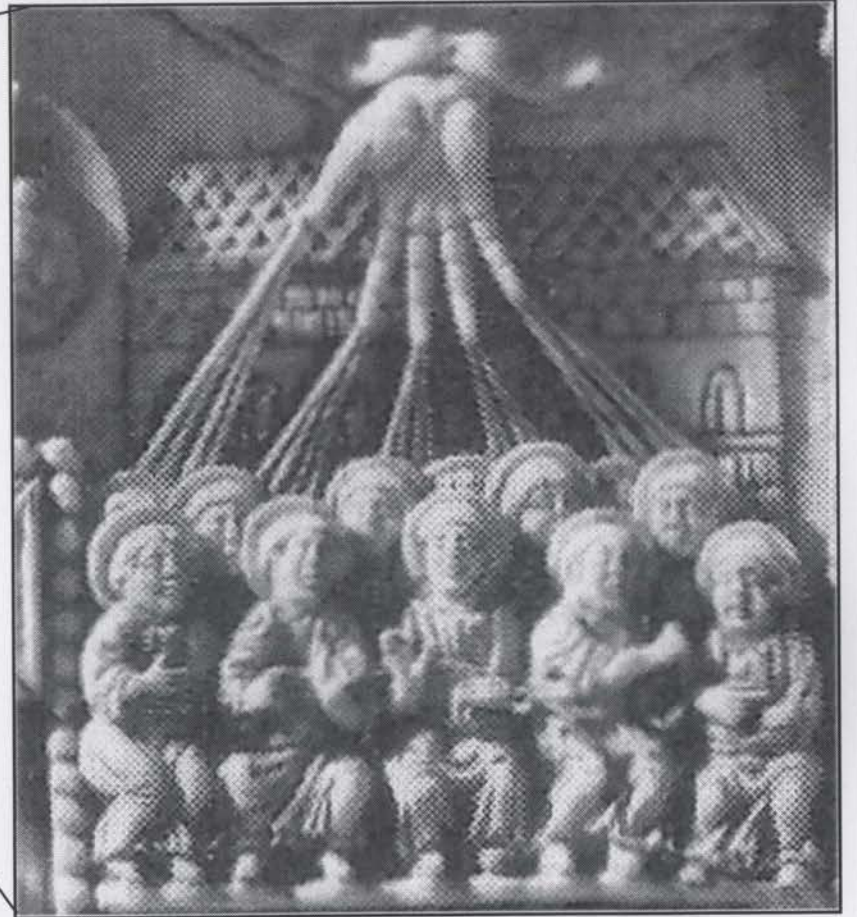
FIG 230



Three arms of elaborate processional cross, Constantinople (Boyd 1998, Fig. 6.28)

Spalato Palace of Diocletian with octagonal mausoleum, ca. 300 (Armstrong 1993, Fig 13)

FIG 231



The Crucifixion on an ivory, of c.820-870, in the Treasury of the Cathedral of St. Just of Narbonne (**Harbison 1987, Fig 4:7**)

*(Zachwilitz 1998, Fig. 4.12)*

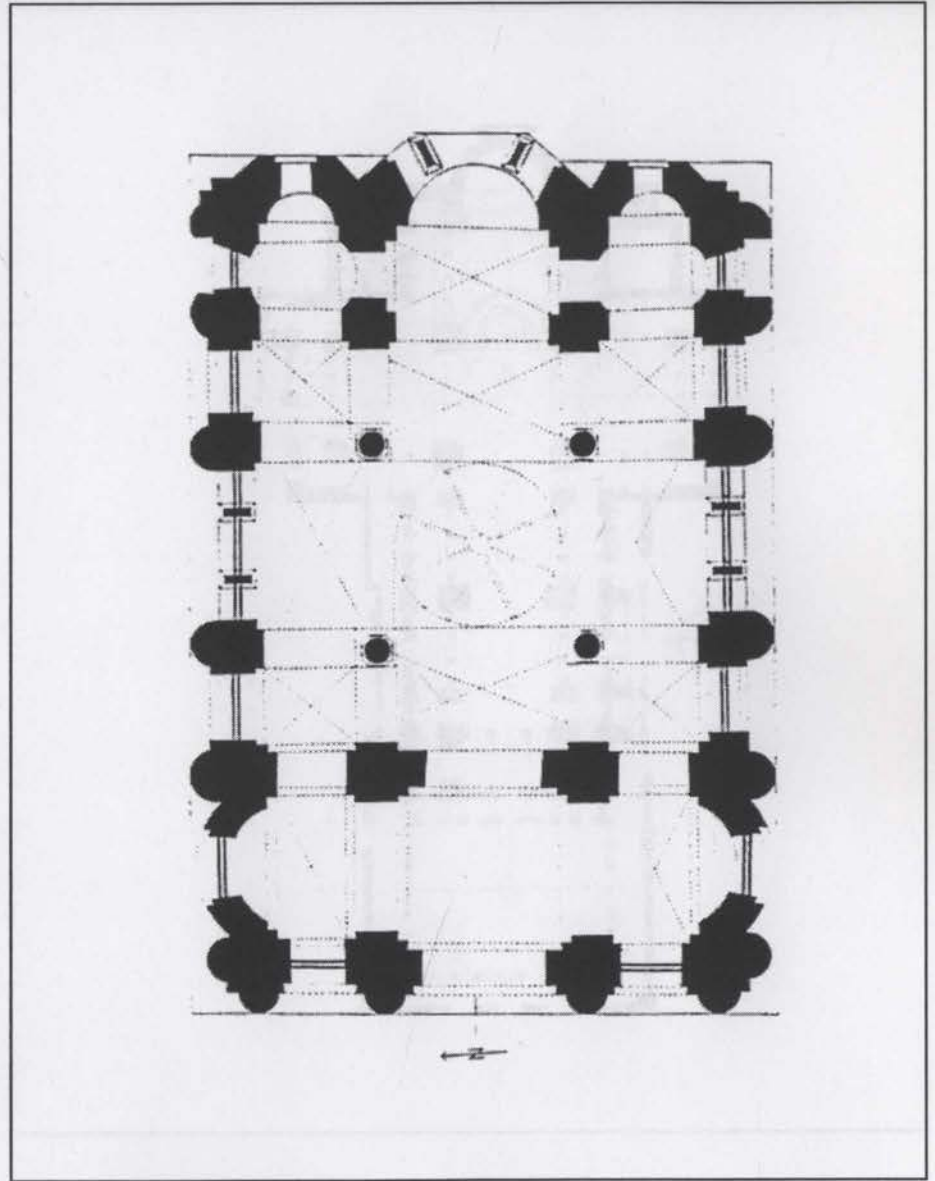
*(Quastenhout 1995, Fig. 4.13)*

FIG 232



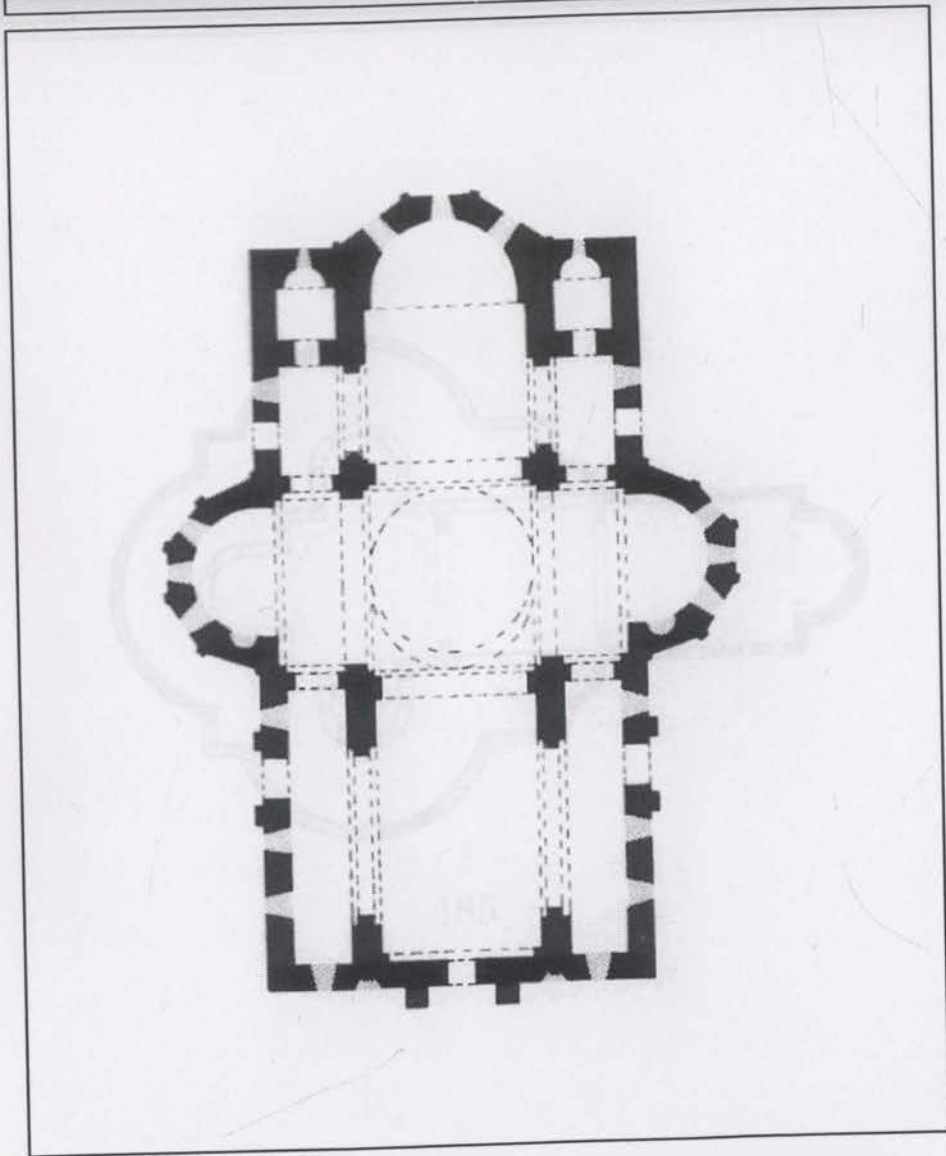
Constantinople, Myrelaion, view from the north, early tenth century, (Ousterhout 1998, Fig. 4.12)

FIG 233



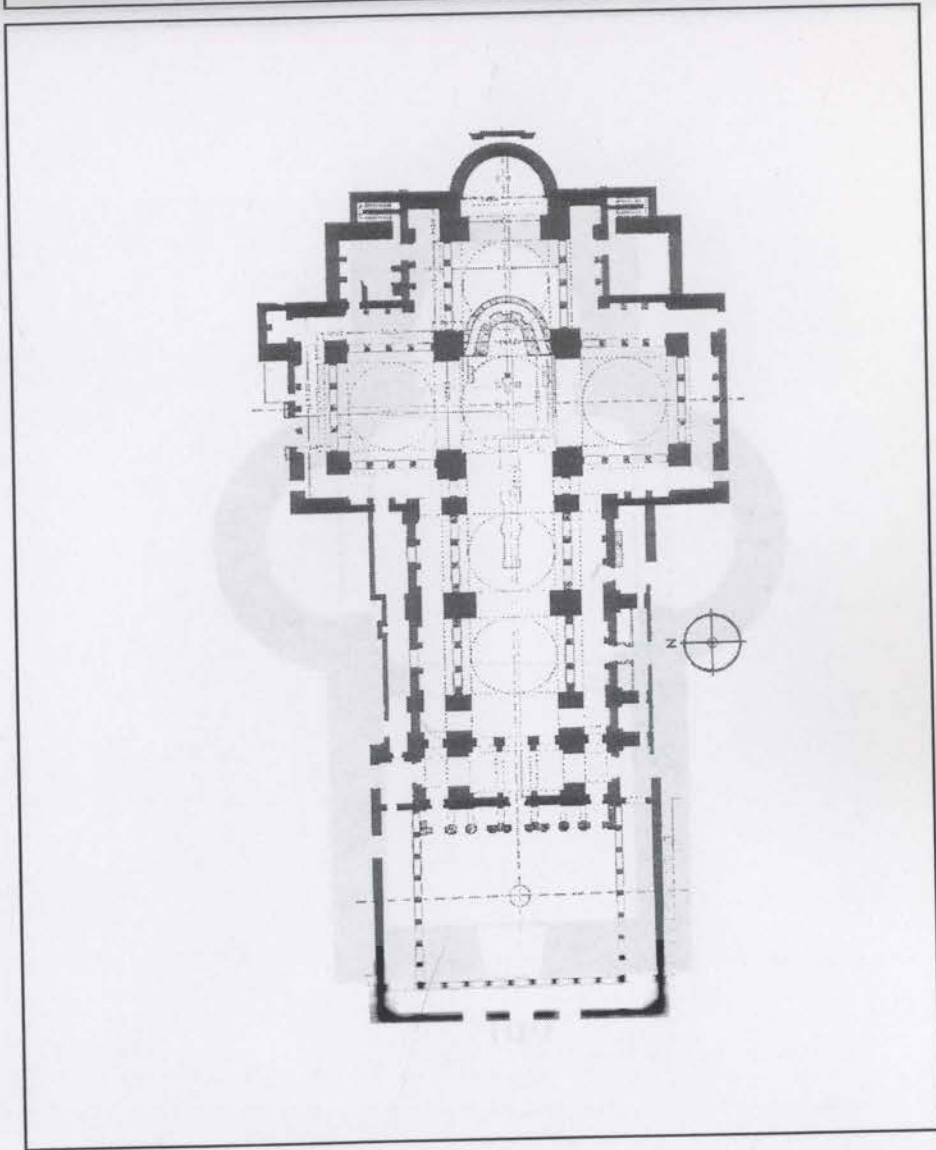
Constantinople, Myrelaion, plan, early tenth century, (Ousterhout 1998, Fig. 4.13)

FIG 234



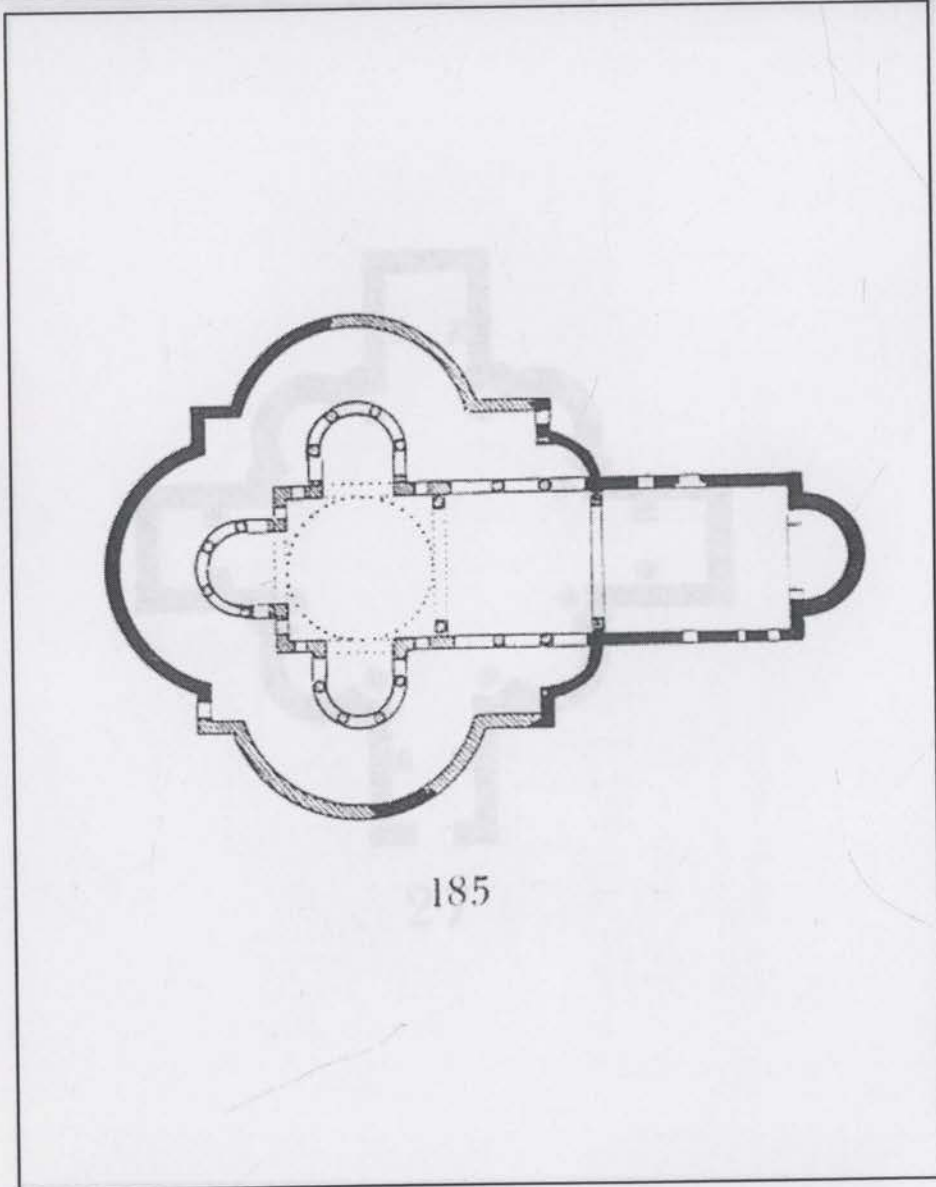
Plan of the Cathedral Thalín, Armenia, seventh century (Talbot Rice 1963, Fig. 132)

FIG 235



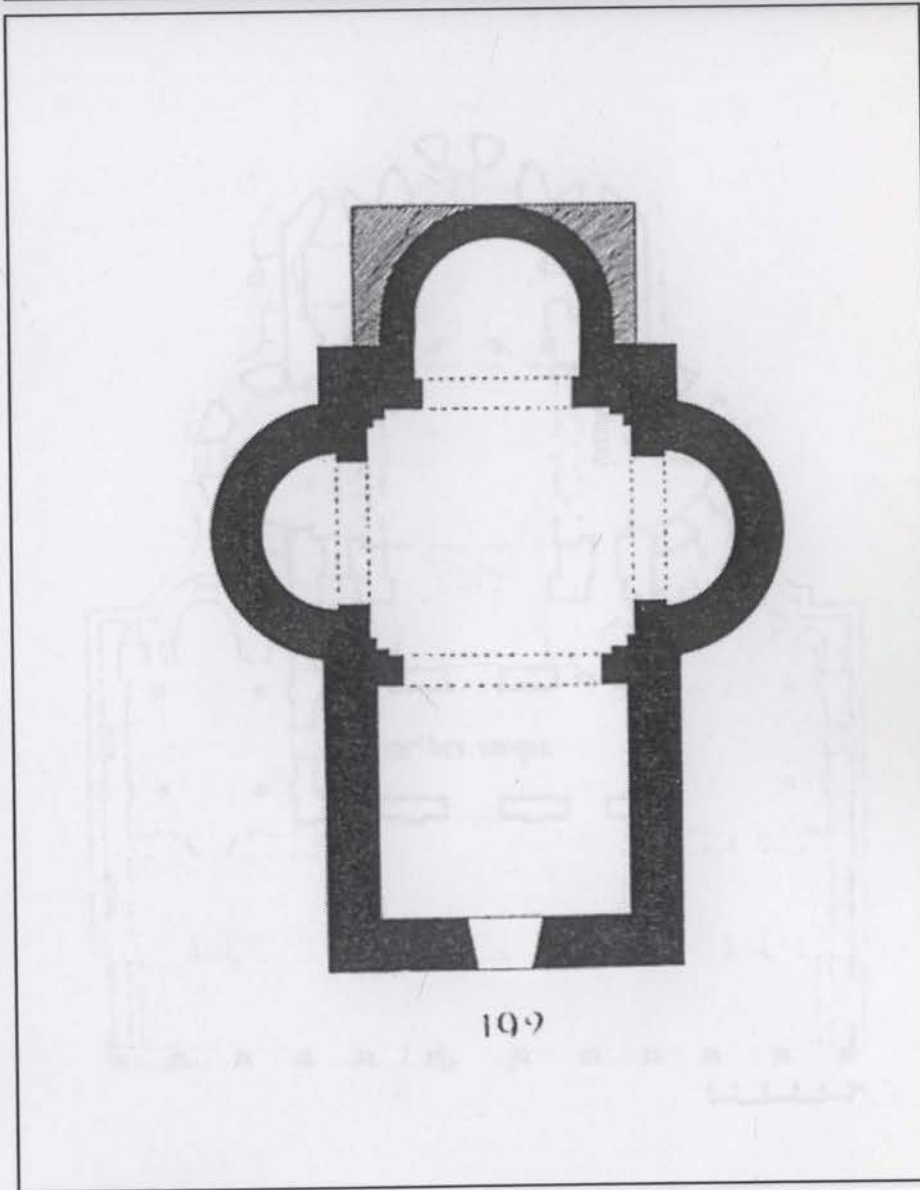
Plan of Justinian's Church of St. John at Ephesus. It follows the cruciform disposition first employed in the church of the Holy Apostles at Constantinople, sixth century (Talbot Rice 1963, Fig. 47)

FIG 236



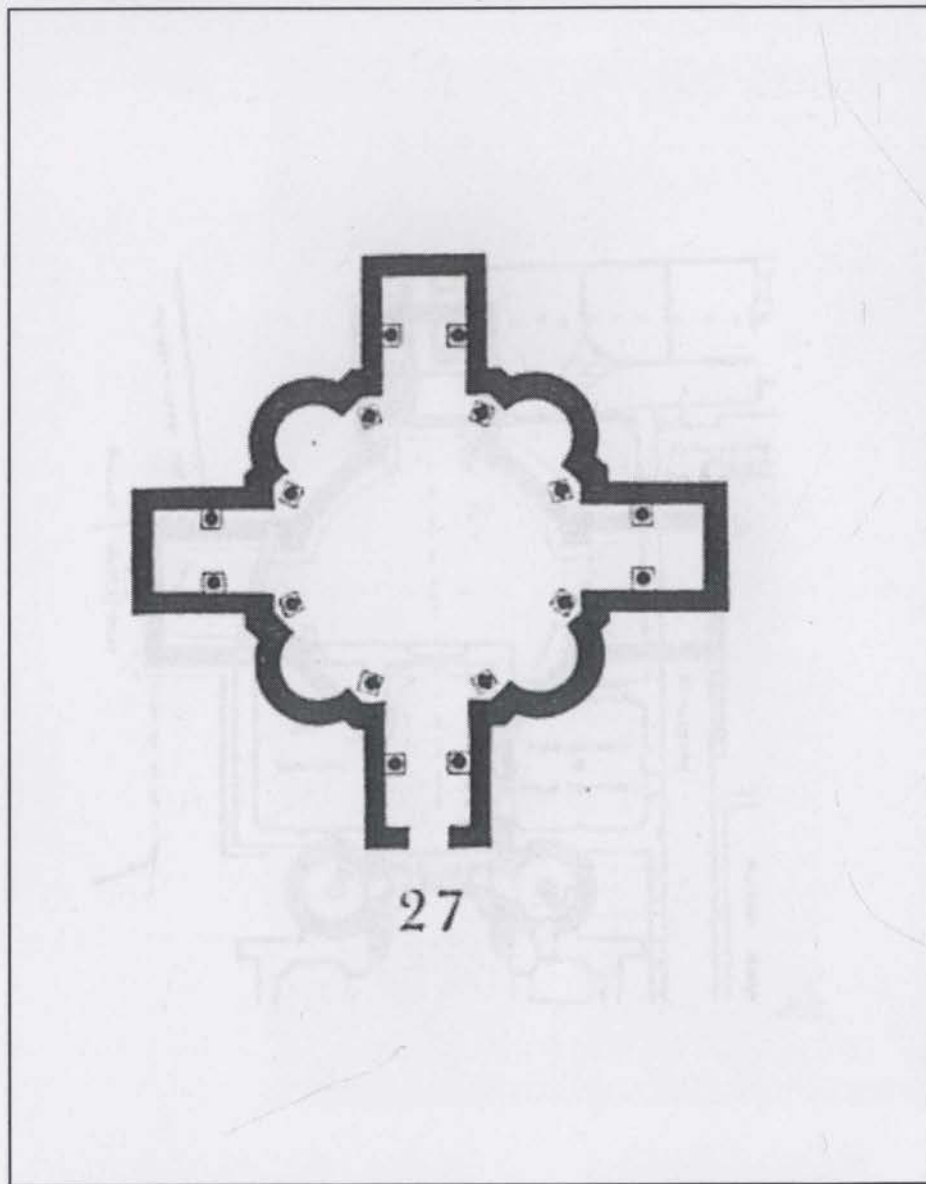
'Church of the Theotokes', plan, Amida (Baldwin-Smith 1971, Fig 185)

FIG 237



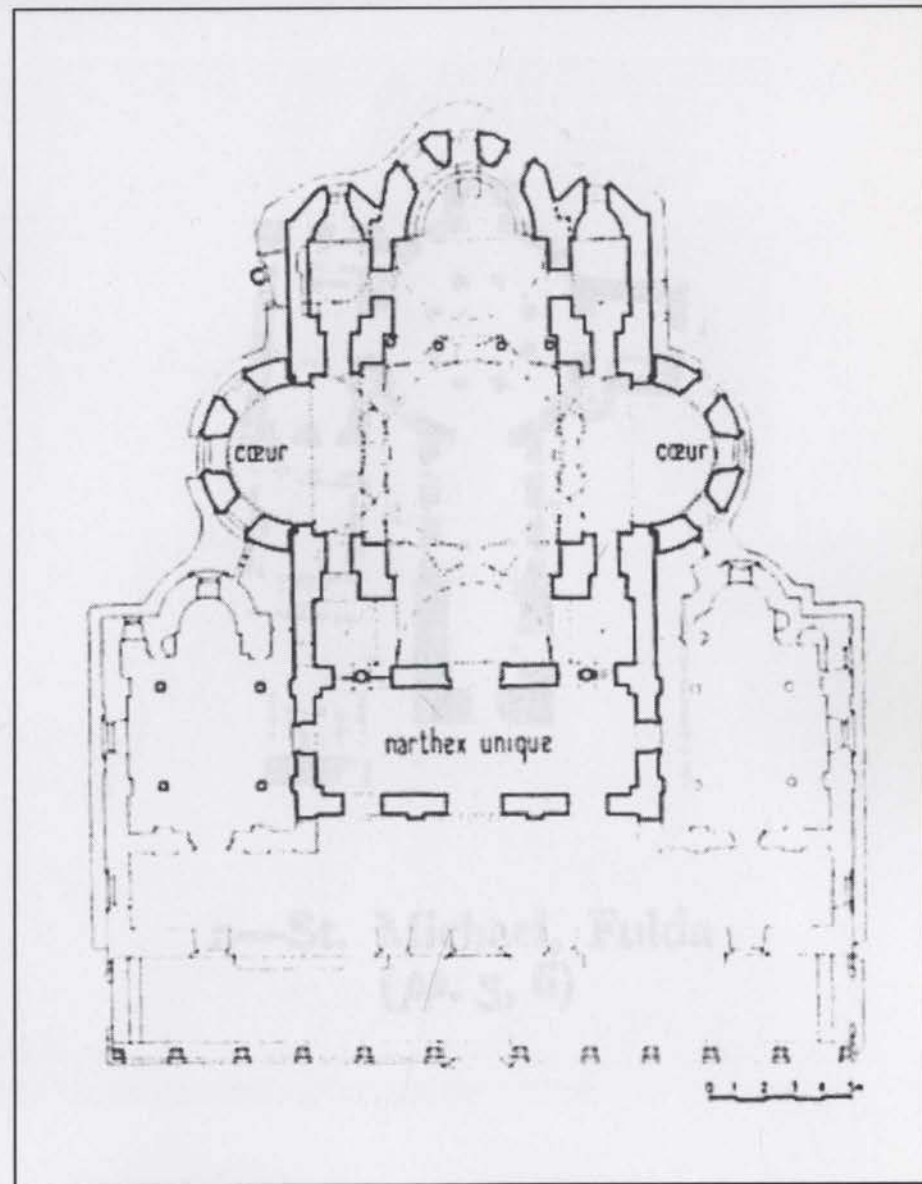
Grave Memorial, Ed-dschunêne (Baldwin-Smith 1971, Fig 192)

FIG 238



Martyrium, plan, Nyssa (Baldwin-Smith 1971, Fig 27)

FIG 239



Mount Athos, Lavra monastery, plan of the Katholikon, late tenth century (Ousterhout 1998, Fig. 4.28)

FIG 240

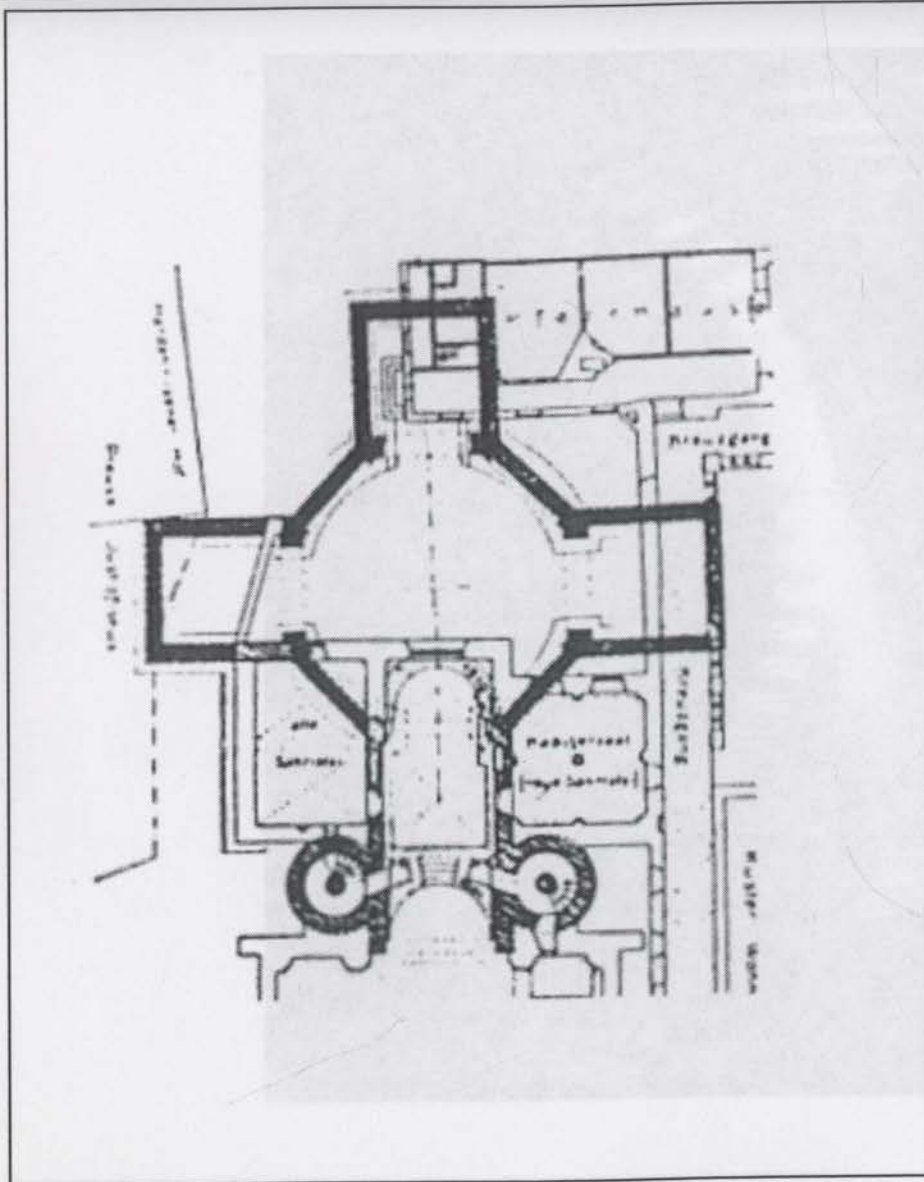
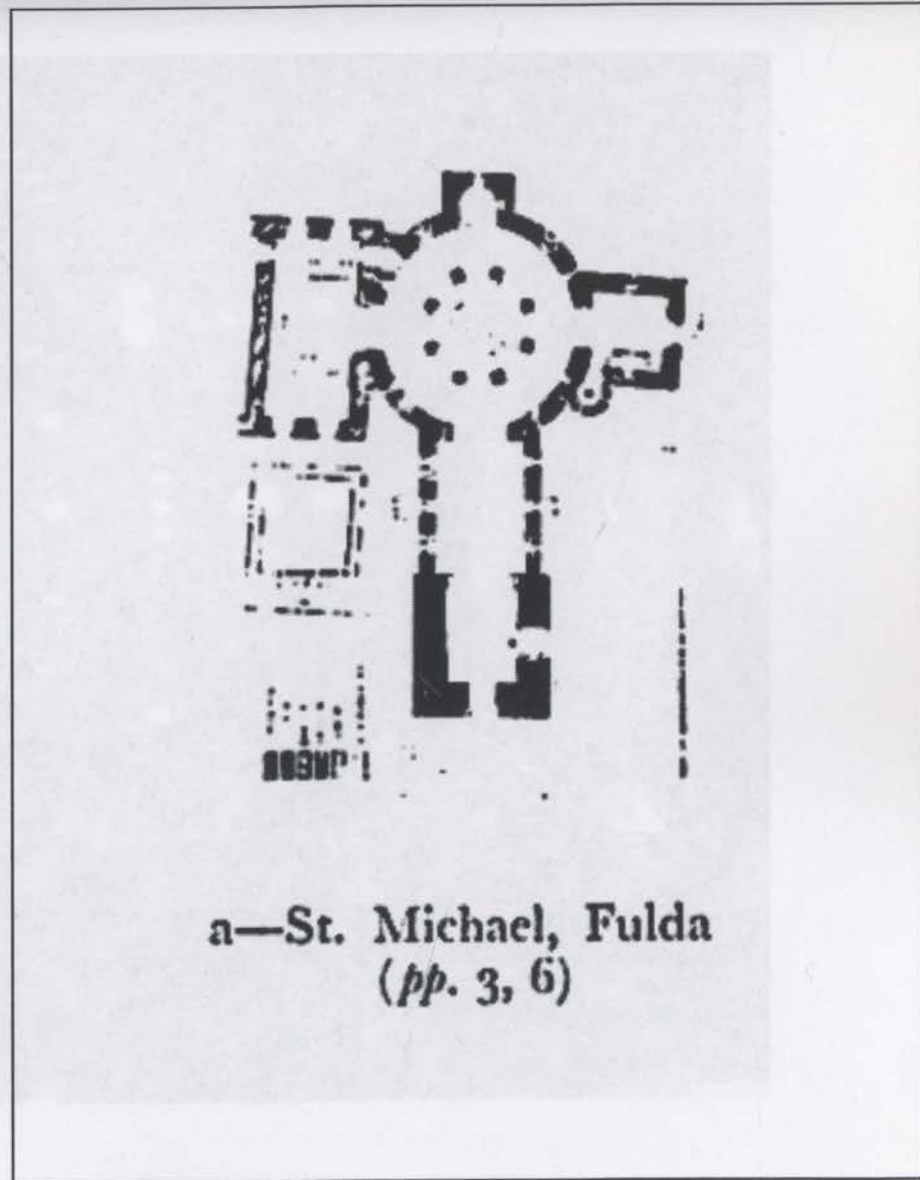


FIG 241



a—St. Michael, Fulda  
(pp. 3, 6)

Holy Sepulchre, Paderborn (Krautheimer 1965, a)

St. Michael, Fulda (Krautheimer 1965, a)



Hagia Sofia, interior view facing east, Istanbul ( Durand 1999:22)

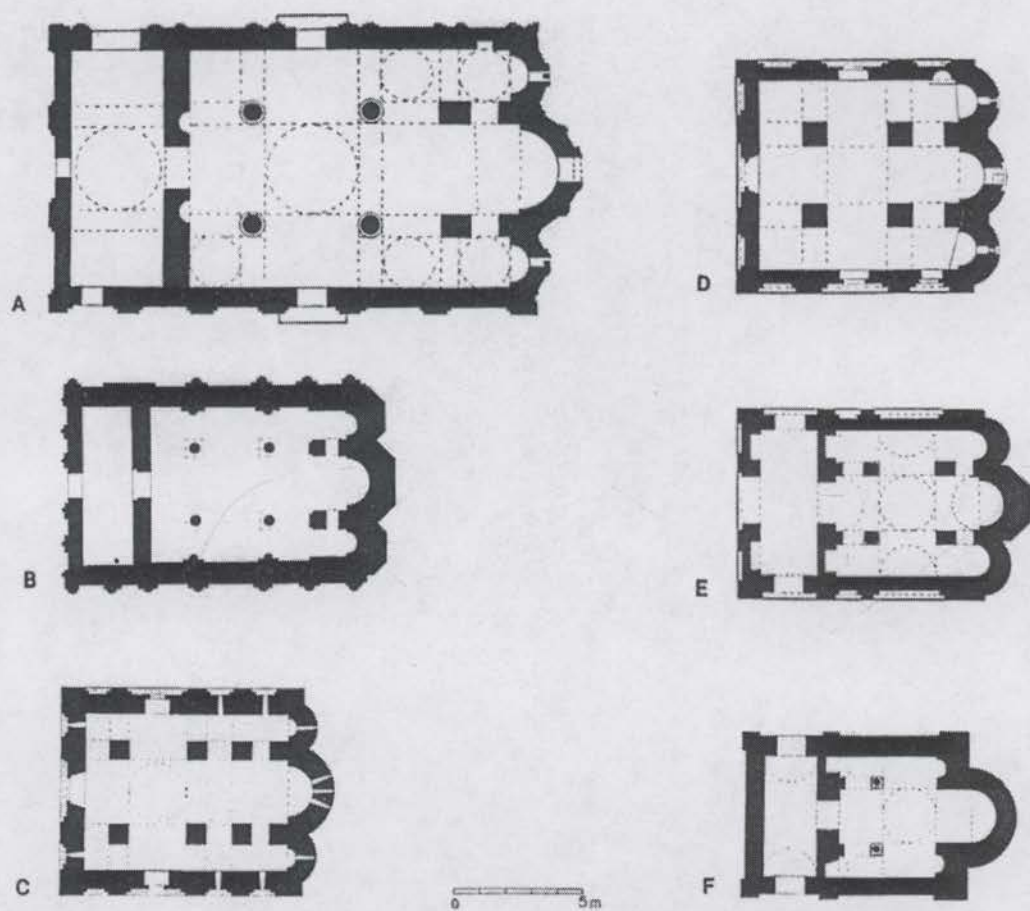
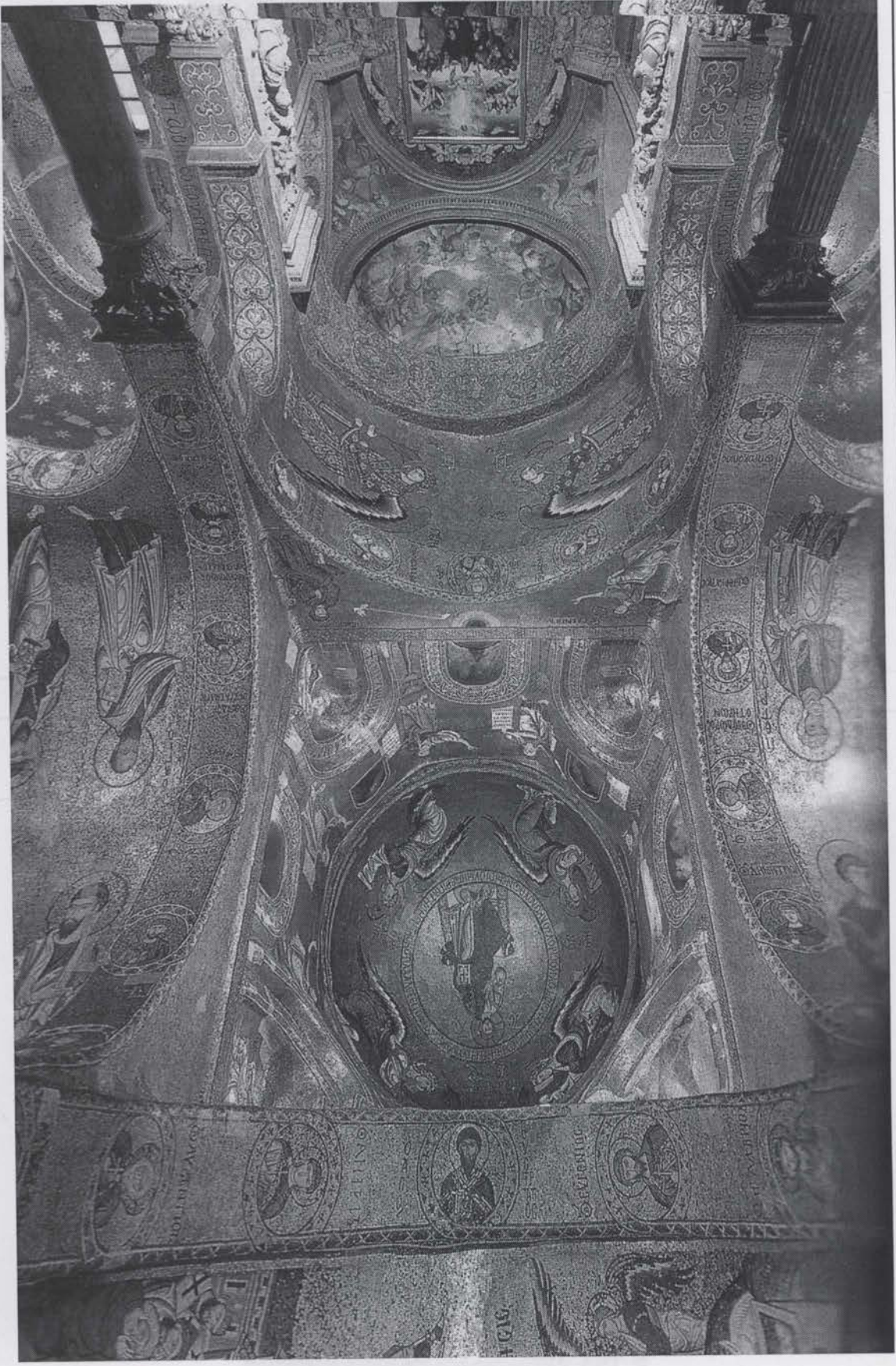


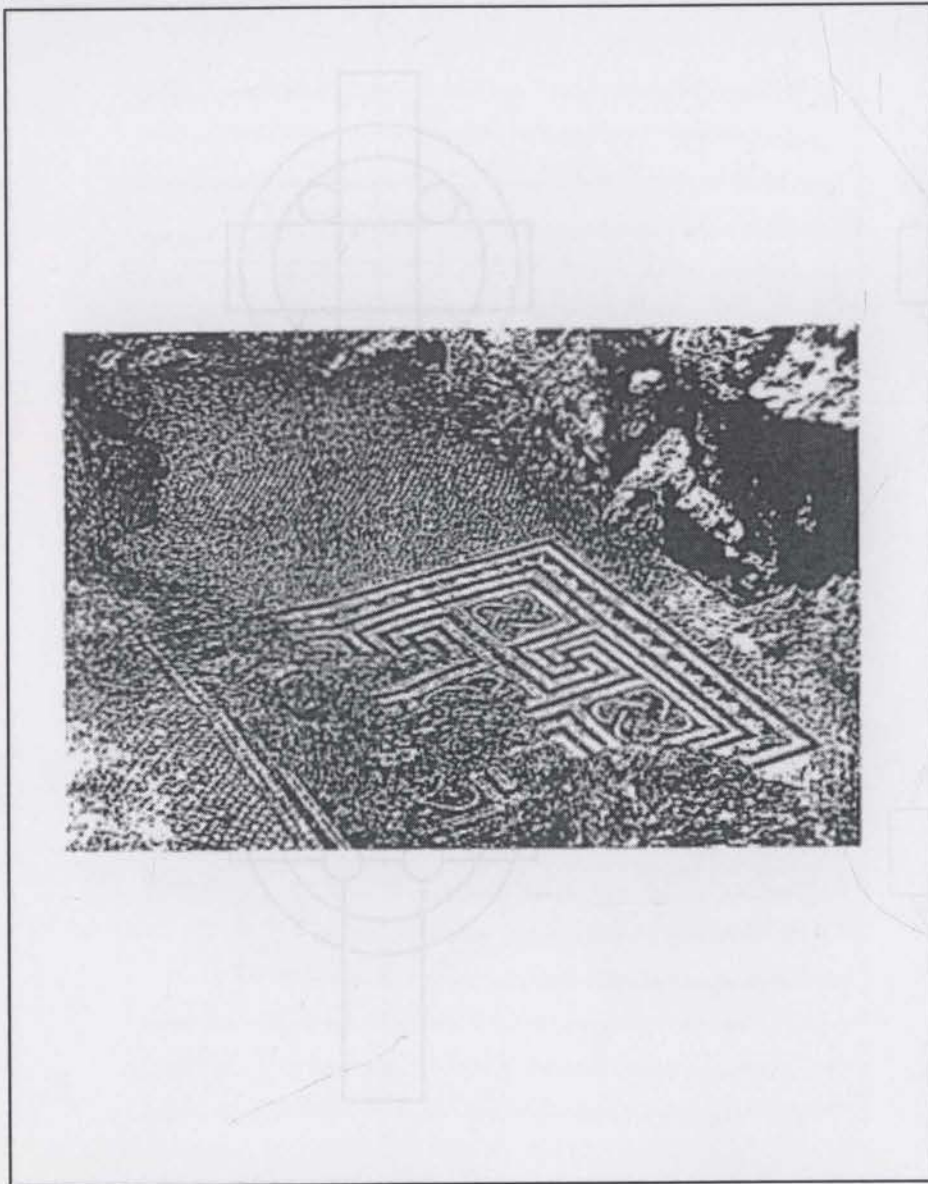
Fig. 4.16 Plans of six cross-in-square churches from Bulgaria. The diversity in Byzantine church planning may be related to the flexibility of the cross-in-square scheme. The variety found in the Bulgarian churches of the Middle and Late Byzantine periods is characteristic of Byzantine church architecture in general. A: Nesebar, Saint John Aliturgitos; B: Bjal Brag, church no. 1; C: Kolusa, Saint George; D: Zemen monastery, Saint John Theologos; E: Preslav, church no. 4 at Seliste; F: Preslav, church no. 3 at Seliste. (R. Ousterhout, after K. Mijatev, *Die mittelalterliche Baukunst in Bulgarien* [Sofia, 1974])

FIG 244



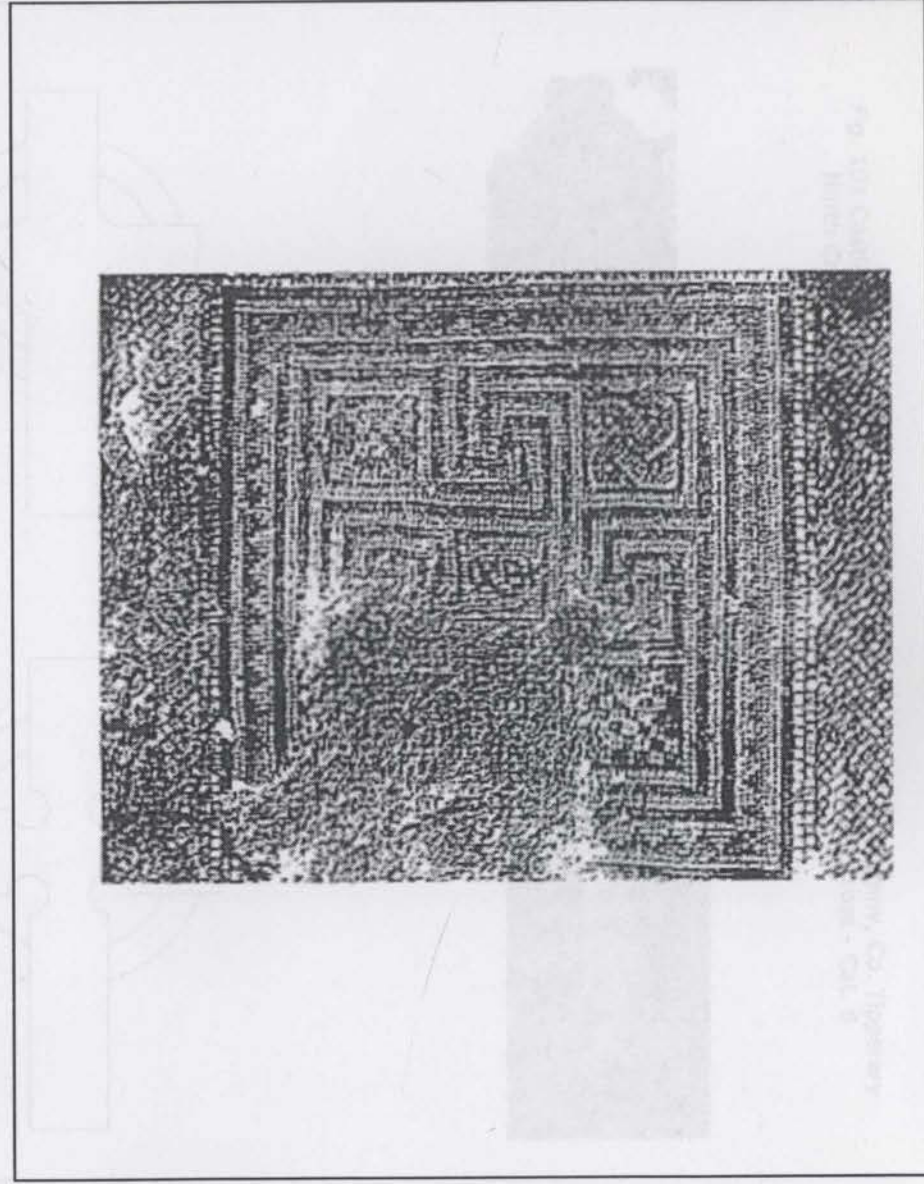
Santa Maria dell'Ammiraglio (the Matronea), Palermo, 1143-51, View into the dome (Mathews 1988, Fig. 82)

FIG 245



Bethlehem, Church of the Nativity, mosaic panel to the south steps (**Kitzinger 1993b, Fig. 3**)

FIG 246



Bethlehem, Church of the Nativity, mosaic panel on the north steps (**Kitzinger 1993b, Fig. 4**)

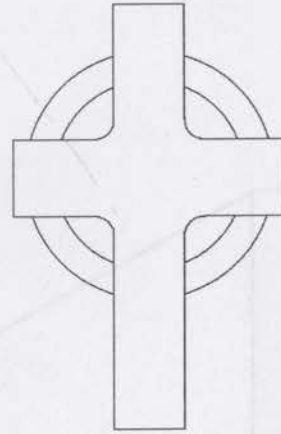
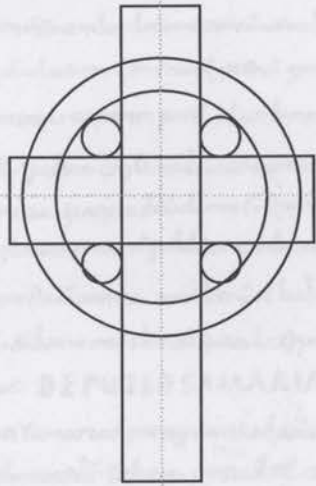
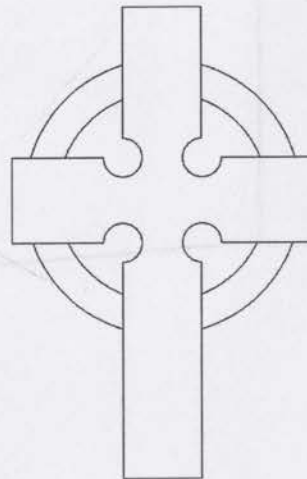
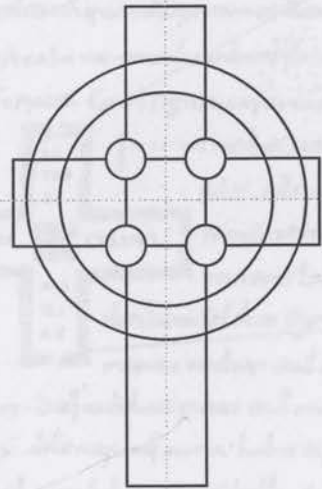


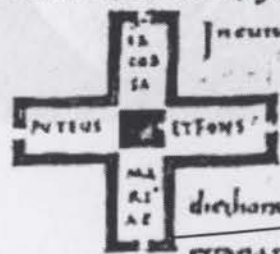
Fig. 101 Castledermot, Co. Kildare  
North Cross, East Face



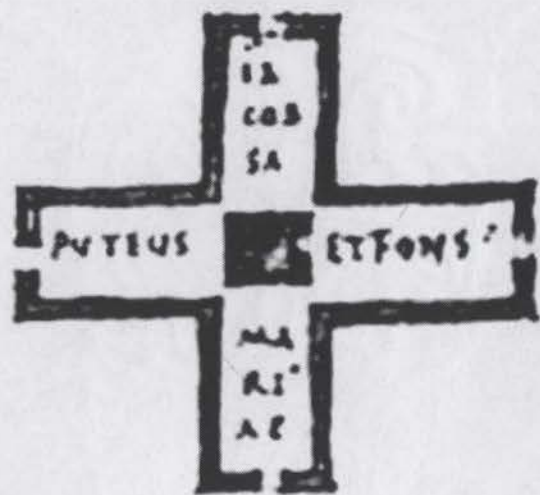
Figs. 7-8 Ahenny, Co. Tipperary  
North Cross - Cat. 6

quod harenosum diu quod circumuenit. unde et purior haustus est ac  
 mollis quod ad usum. Genetumque pitum gustu et specie non ignavio lacu  
 profertur magis reperiri possit. Hanc braccia de iordanis in gordio et lacu  
 cimerethi partim de iis iudaeae captiuitatis libro. partim in descia apud  
 experientia excepta de iulimus. Quod ipse indubitanter refert ab eolo  
 co. quod est fauicibus maris galilee iordanis agrorum. usque ad eum ubi  
 mare mostruū intrat. vinctiorū re habuit. Quod sic loci idem mare sal  
 sissimū. ad eum non soluū specula specus sicuti ipse narrat sic et ipse  
 arculfus.

**DE PUTEO SAMARIAE** Arculfus fuit sacerdos  
 regionis samariae peragrans ad eum quod puminae puenit civitatem  
 quae hebraice dicitur sicheon. graecis et latina consuetudine sicima no  
 minatur. quae gloriā umosa et sic haec vocari solet. Itaque propheta  
 dicit quod tunc. quā dā graecam orā dicit constructā dicitur. qua  
 quadrifera in unum mundum cardines forata tendit. quasi in simili  
 tudine crucis. Cuius figura inferius describitur.



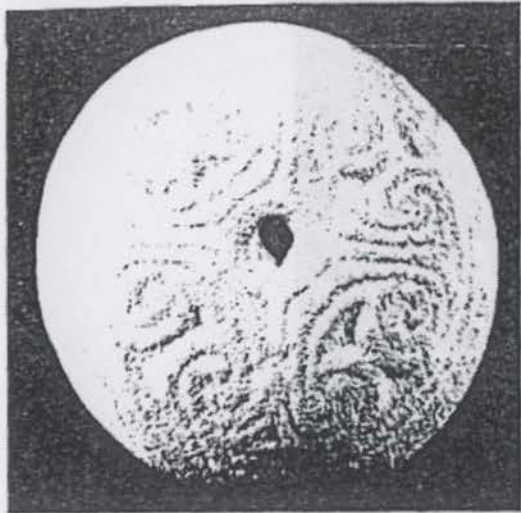
In eum maliditate fontis iacob. quod dicitur quod dicit  
 solet. ad eum unum respiciens pastores in terris  
 secum medius habebat. super quem saluatore  
 minoris labore fatigatus. in eum idam  
 die horam salubris forata. ad eum putum illa sacra  
 ritana mulier eodem iudicio compit aqua dū  
 reuocit. Dauid dicit quod puteo eum mulier in eadem ad dūm in  
 dens dicit. dicit namque iura. habet et puteus iacob. Arculfus namque  
 quod de iudis puteo bibit aqua. et de illius altitudine enarrauit. In quibus



Church of Jacob's Well, Shechem-Neapolis; Arculf's description of the plan. The well, covered by a high roof, is located at the point of transaction of the arms of the cross ( Meehan 1958, figure opposite title page)

A

B



a



b



**A.** The Alwrick Stone (Bailey 1990, Figs 48 a and b)

**B.** Cross-slab at Ardamore, Chorca Dhuibhne ( Kilbride Jones 1986, Illus. 2)

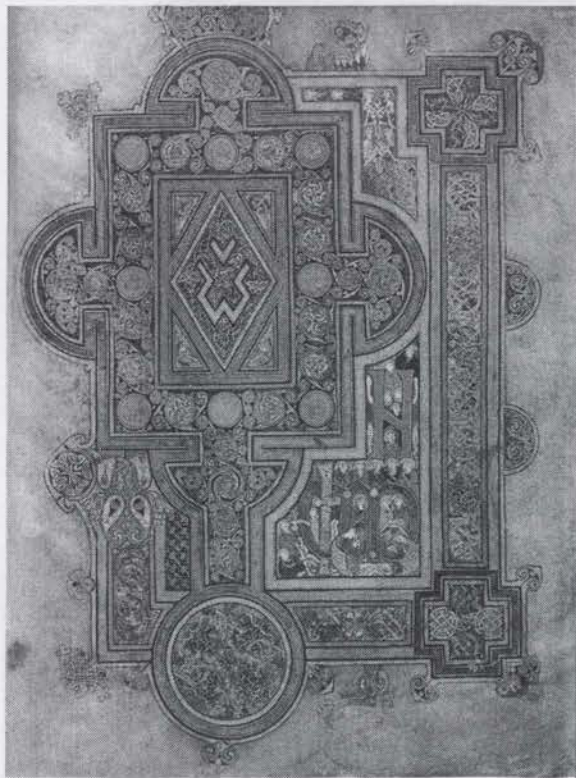


Opening of St. Luke's Grotto  
(Mochan 1994: 73, Fig. 23)

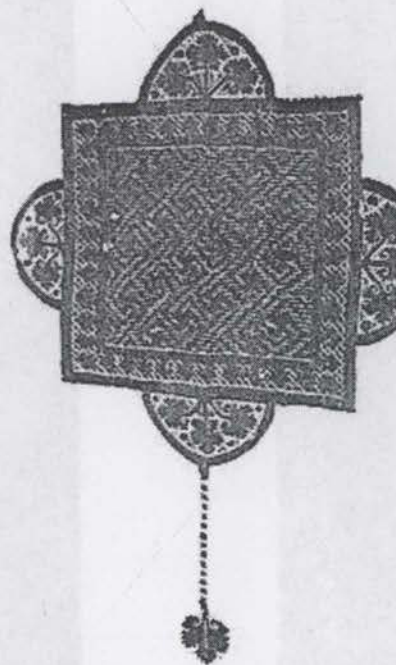
patience in white thread, 1 inch to  
1/2 inch (1997, p. 100)

Saint Mary (Der  
Herrmann 1977, fig. 41)

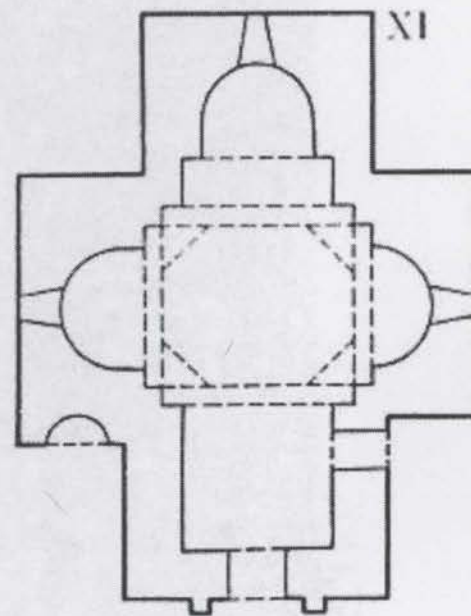
Decorated Quern Stone ( **Power 1940, Plate V** )



Opening of St. Lukes Gospel, Fol. 188r  
**(Meehan 1994: 73, Fig. 95)**



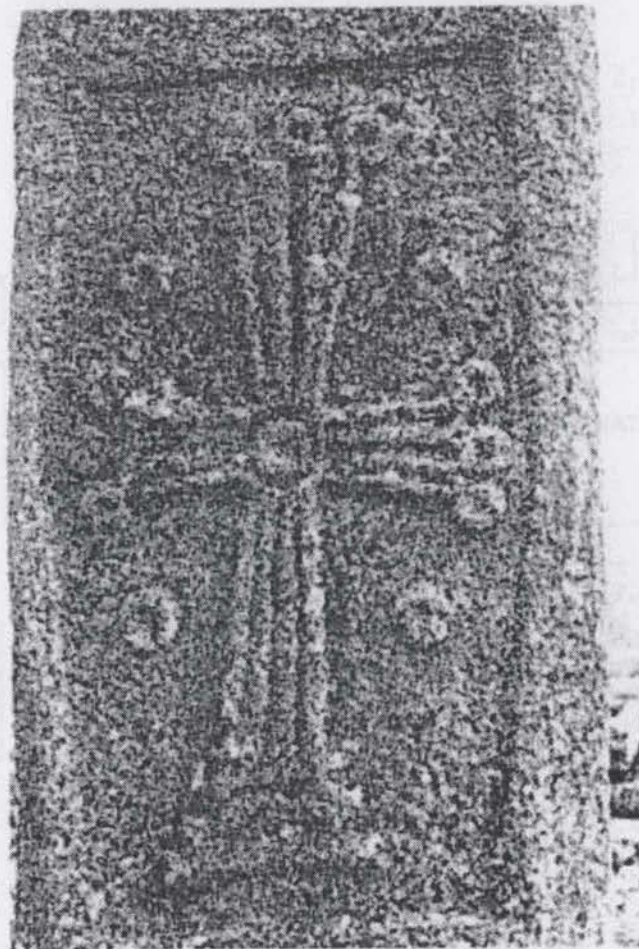
Square purple inset with geometric  
 patterns in white thread. ( Fifth to  
 Eighth Century) **(Badawy 1978, Fig.  
 4.86)**



Plan of T'alin, Saint Mary ( **Der  
 Nersessian 1977, Fig. XI**)

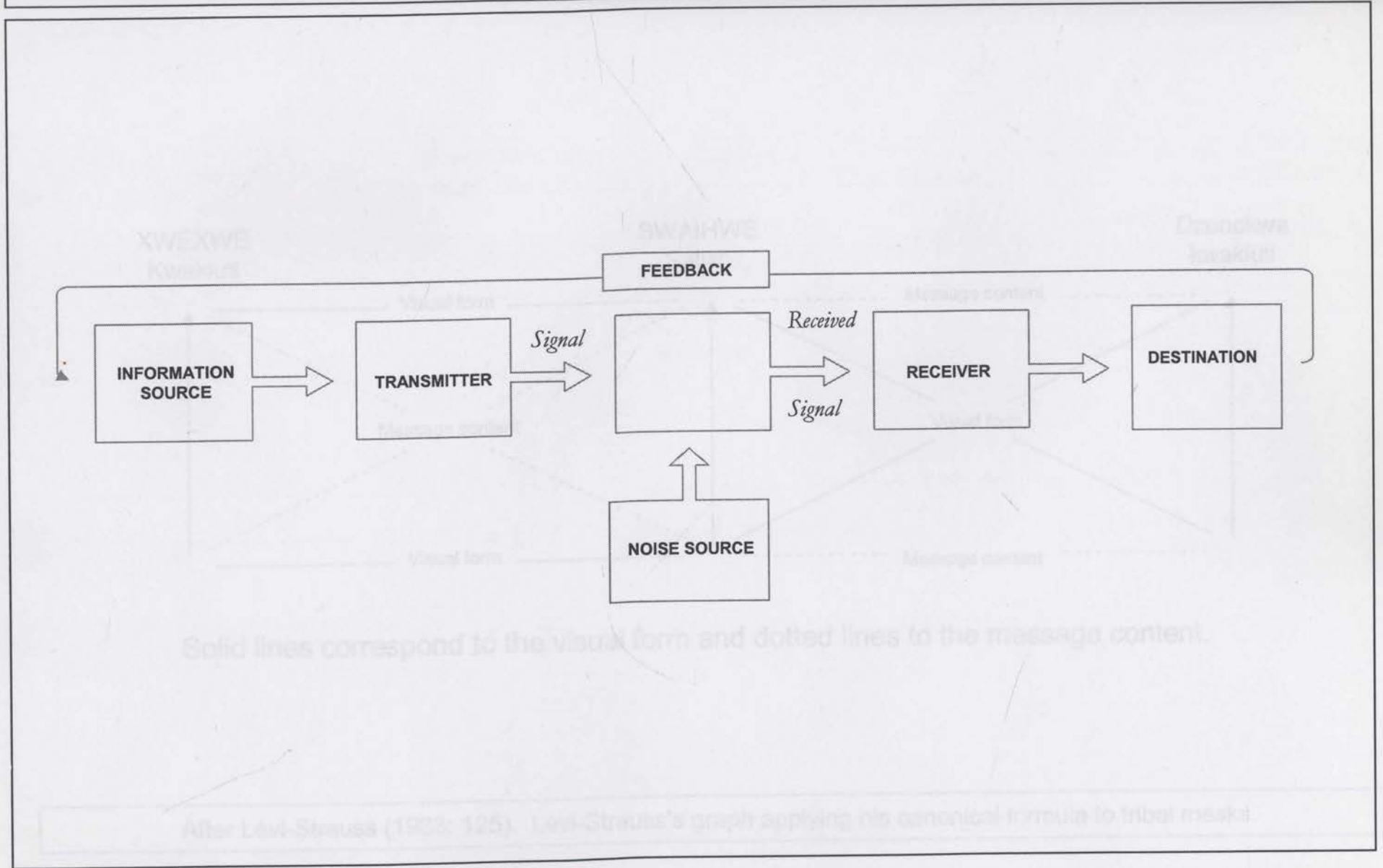


Drumhallagh slab, West Face  
(Harbison 1986, PL 4.13b)

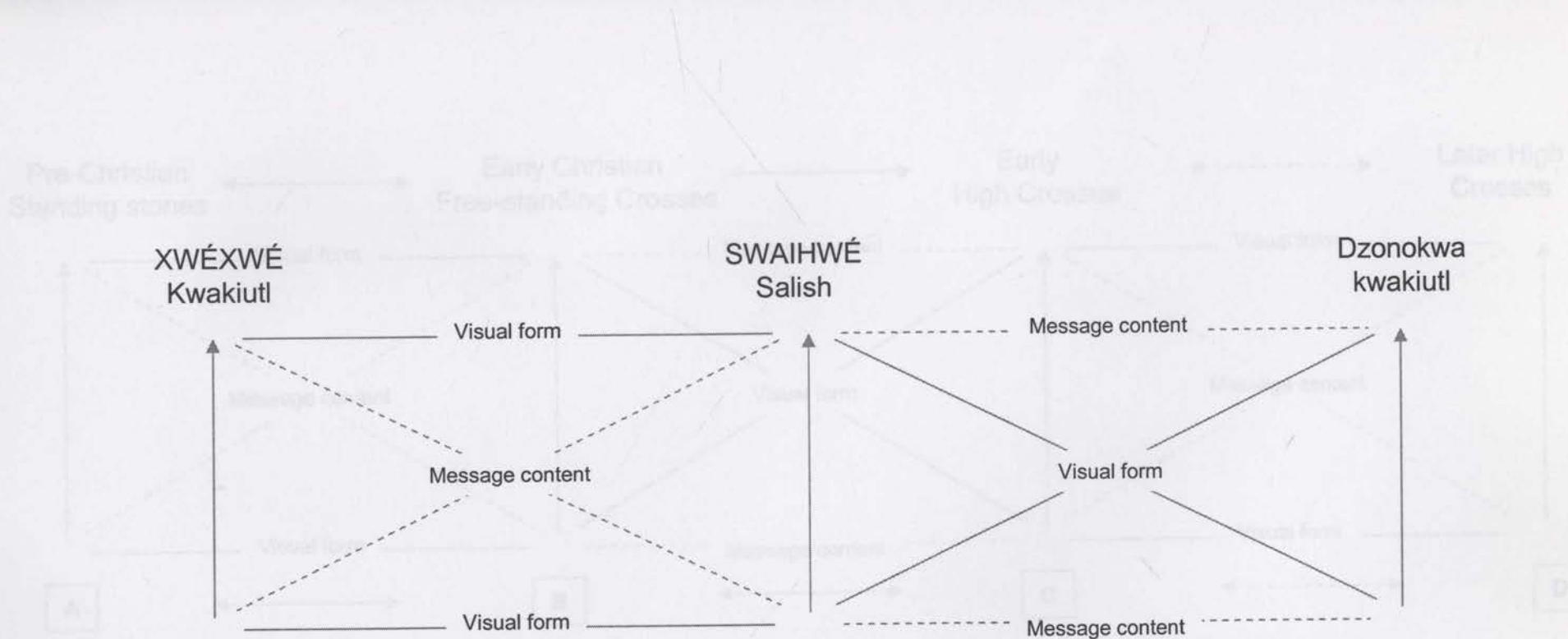


Tekor, Khatchkar, Armenia (964AD)  
(Kalantar 1994, Fig. 14)

FIG 253

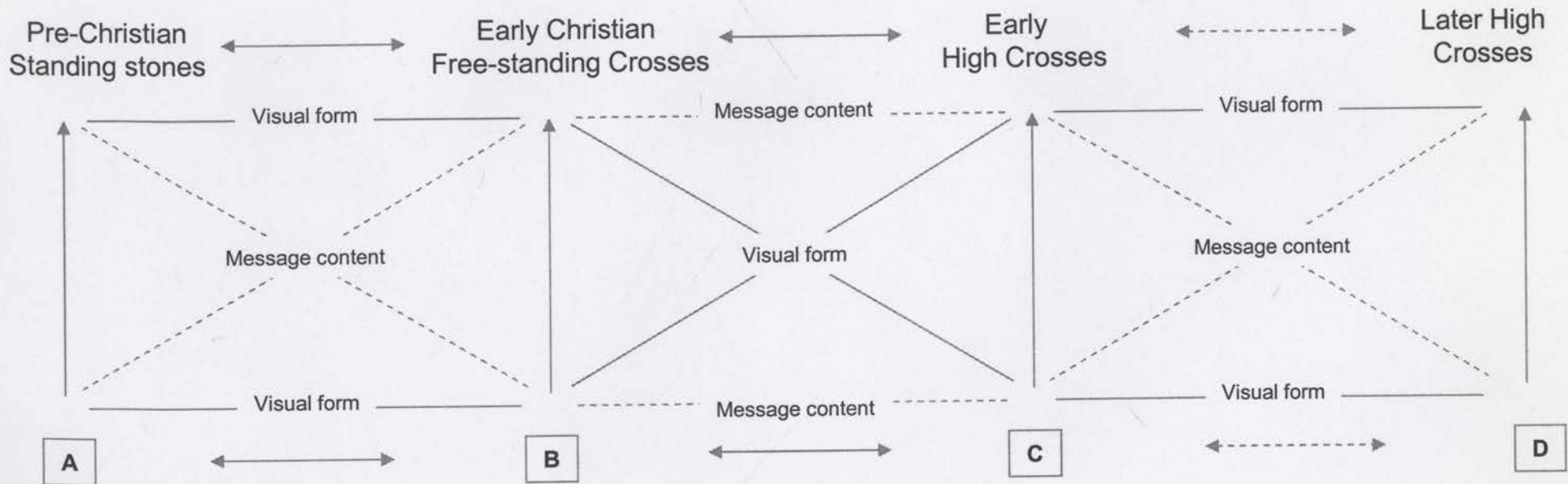


Adapted transmission model of communication (based on Shannon and Weaver 1949)



Solid lines correspond to the visual form and dotted lines to the message content.

After Lévi-Strauss (1983: 125). Lévi-Strauss's graph applying his canonical formula to tribal masks.



After Lévi-Strauss (1983: 125). Relationship between standing stones.

## MAPS

- Map 1** Early Christian Sites (Butlin 1977, Fig. 1)
- Map 2** Monastic Communities of Ireland (Bitel 1990, Fig. 1)
- Map 3** Tribal and Population Groups of Ireland (Bitel 1990, Fig. 2)
- Map 4** Agricultural use of soil in Modern Ireland (Bitel 1990, Fig. 4)
- Map 5** Topographical Features of Ireland (Bitel 1990, Fig. 3)
- Map 6** Ireland Physical Features (Edwards 1990, Map 3)
- Map 7** Ireland – Land Use Capability (Edwards 1990, Map 19)
- Map 8** Map showing areas in Ireland and Western Scotland with crosses having morphological features suggestive of wooden skeuomorphs. (Kelly 1991, Fig. 44)
- Map 9** Distribution of Crosses and Geological Features of Ireland (Kelly 1986, Fig. 4)
- Map 10** Distribution-map of Gallarus-type oratories in Ireland – Open circles indicate uncertain sites (Harbison 1970, Fig. 15)
- Map 11** Map of the occurrence of the Tomb of the Founder in Ireland (Herity 1993, Fig. 23.1)
- Map 12** The distribution of the *ogam* alphabet in Ireland (Mytum 1992, Fig. 2.3)
- Map 13** Typical *ogam*-stone, and distribution-map to show areas where such stones are common, and also areas in Western Britain into which there was migration from Ireland in the fourth century A.D. (Mitchell 1976: 170)
- Map 14** Distribution of High Crosses with split frame (de Paor 1987, Fig. 8.6)
- Map 15** Evidence of *Desert* (-) / *Dysart* (-) (et var.) (Flanagan 1984, Map 6)
- Map 16** Evidence of *Tech* names (Documentary) (Flanagan 1984, Map 7)
- Map 17** Some places exhibiting evidence of trade and other potential urban functions in early medieval Ireland (Graham 1993, Fig 1.3)
- Map 18** The sea-roads of the northern world A.D. 793-877 (Marsden 1993)
- Map 19** Map of the main trade routes in central, northern and eastern Europe during the Viking period (Jankuhn 1982, Fig. 18)
- Map 20** The division of Ireland into Fifths (Mytum 1992, Fig. 3.2)

# EARLY CELTIC CHRISTIAN SITES



Figure 1: Early Celtic Christian Sites

# MONASTIC COMMUNITIES OF IRELAND



1. Monastic communities

TRIBAL AND POPULATION GROUPS OF IRELAND



2. Tribal and population groups

## AGRICULTURE OF SOIL IN MODERN IRELAND



4. Agricultural use of soil in modern Ireland. After M. J. Gardiner and P. Ryan, "A New Generalised Soil Map of Ireland and Its Land-Use Interpretation," *Irish Journal of Agricultural Research* 9 (1969), 95-109.

TOPOGRAPHICAL FEATURES OF IRELAND



ELEVATION  
□ over 500 feet  
■ over 1000 feet  
3. Topographical features

PHYSICAL FEATURES OF IRELAND



LAND USE CAPABILITY OF IRELAND








19 Ireland: land-use capability (after The Irish National Committee for Geography 1979).

KELLY'S MORPHOLOGICAL GROUPS



Fig. 44 Map showing sites in Ireland and western Scotland with crosses having morphological features suggestive of wooden skeuomorphs.

-  Old Red Sandstone
-  Granite
-  Ordovician: Shale, Slate and Schist
-  Dalriadian: Shale and Schist
-  Carboniferous Limestone, Sandstone, Shale

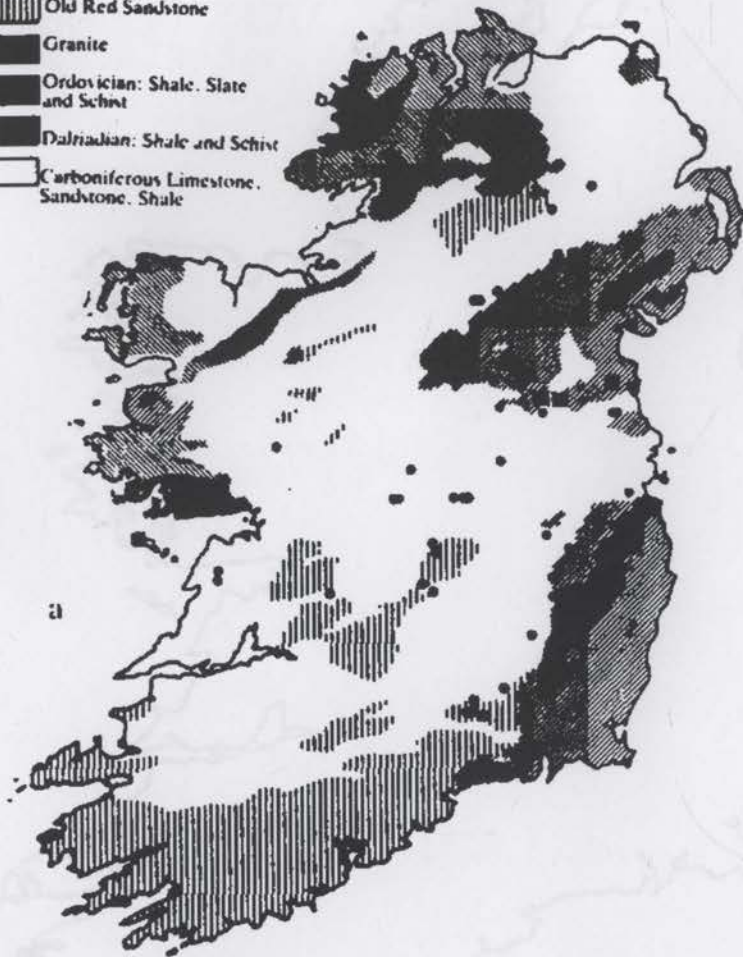


Fig. 4 Distribution of crosses with pierced rings (a); crosses with solid rings (b); overlaid on map of solid geology of Ireland.

DISTRIBUTION OF GALLARUS-TYPE



(Map based on Whittow 1975).

DISTRIBUTION OF GALLARUS-TYPE  
ORATORIES

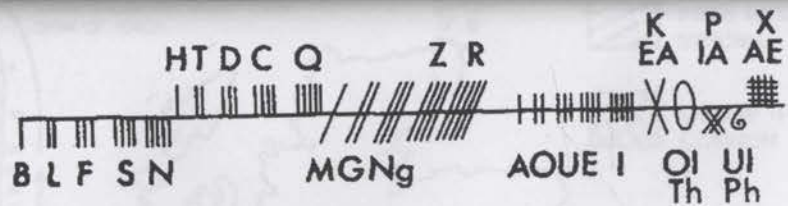


FIG. 15

DISTRIBUTION-MAP OF GALLARUS-TYPE ORATORIES IN IRELAND (pp. 50, 59)

Open circles indicate uncertain sites.

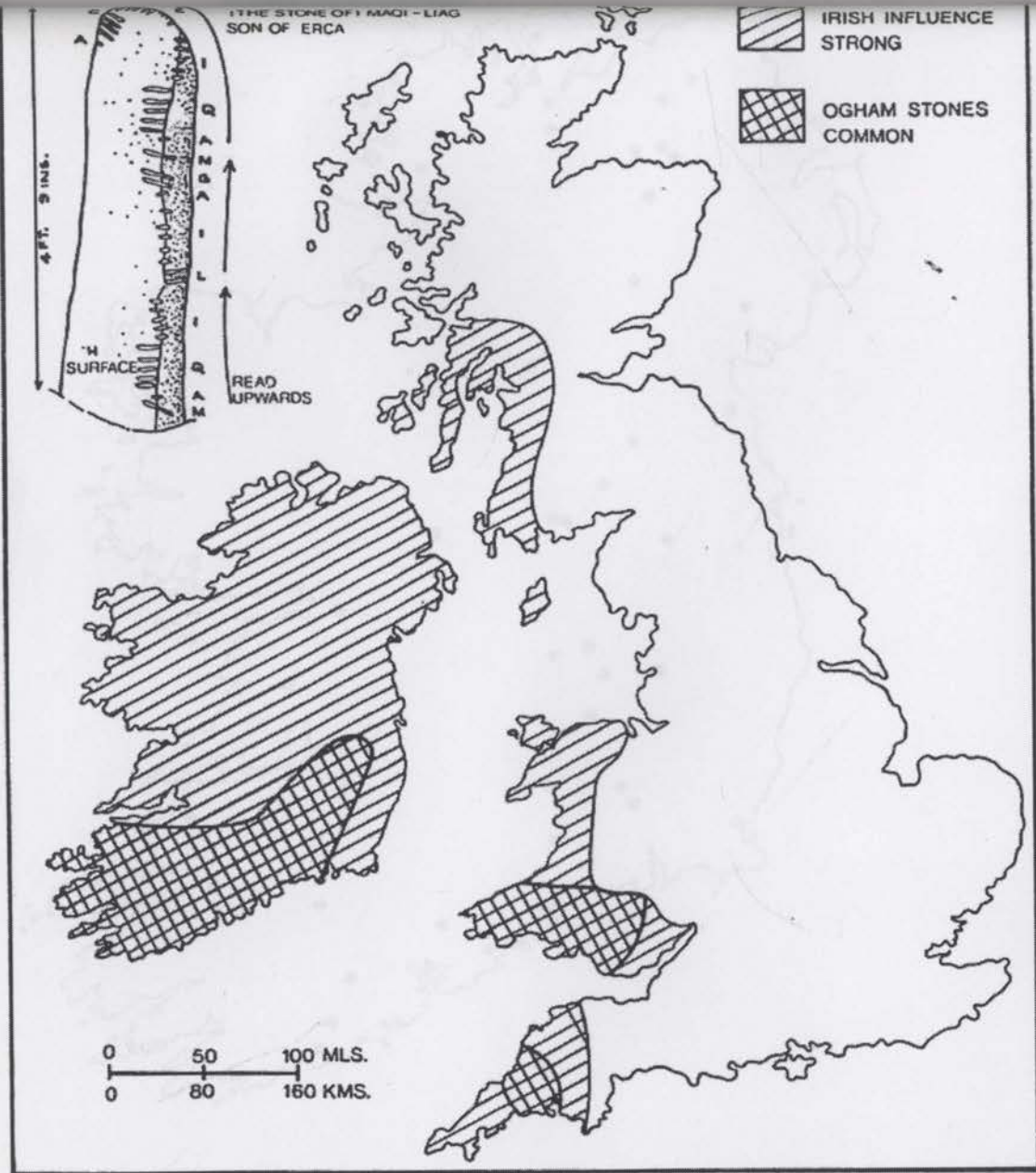
Harbison (1970. Fig.15)



DISTRIBUTION OF THE OGAM INSCRIPTIONS



Figure 2:3 The ogham alphabet and the distribution of ogham inscriptions in Ireland (Thomas 1971a, Mac White 1961).



OGAM DISTRIBUTION

Typical ogham-stone, and distribution-map to show areas where such stones are common, and also areas in western Britain into which there was migration from Ireland in the 4th century AD.

DISTRIBUTION OF  
DESERT (-)/DYSART (-)



Map 6: Desert(-)/Dysart(-) (et var.)

- \* parish
- townland

# DISTRIBUTION OF TECH NAMES



Map 7: tech names (documentary)

- ★ established
- ☆ tentative/approximate

## TRADE AND URBAN FUNCTIONS

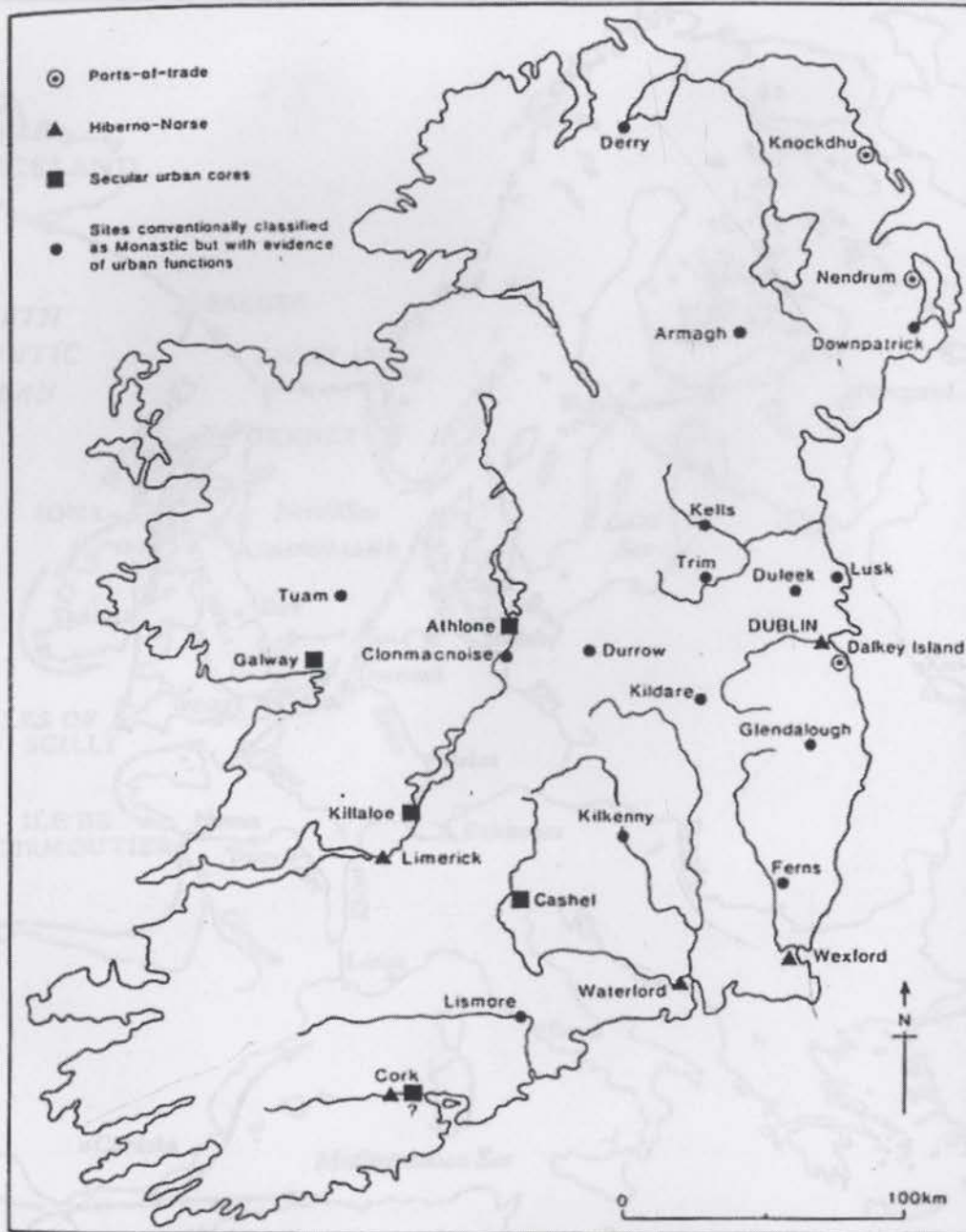


Fig. 1.3. Some places exhibiting evidence of trade and other potential urban functions in early medieval Ireland.

Graham (1993, Fig.1.3)

THE SEA-ROADS OF THE  
NORTHERN WORLD:  
A.D. 793-877



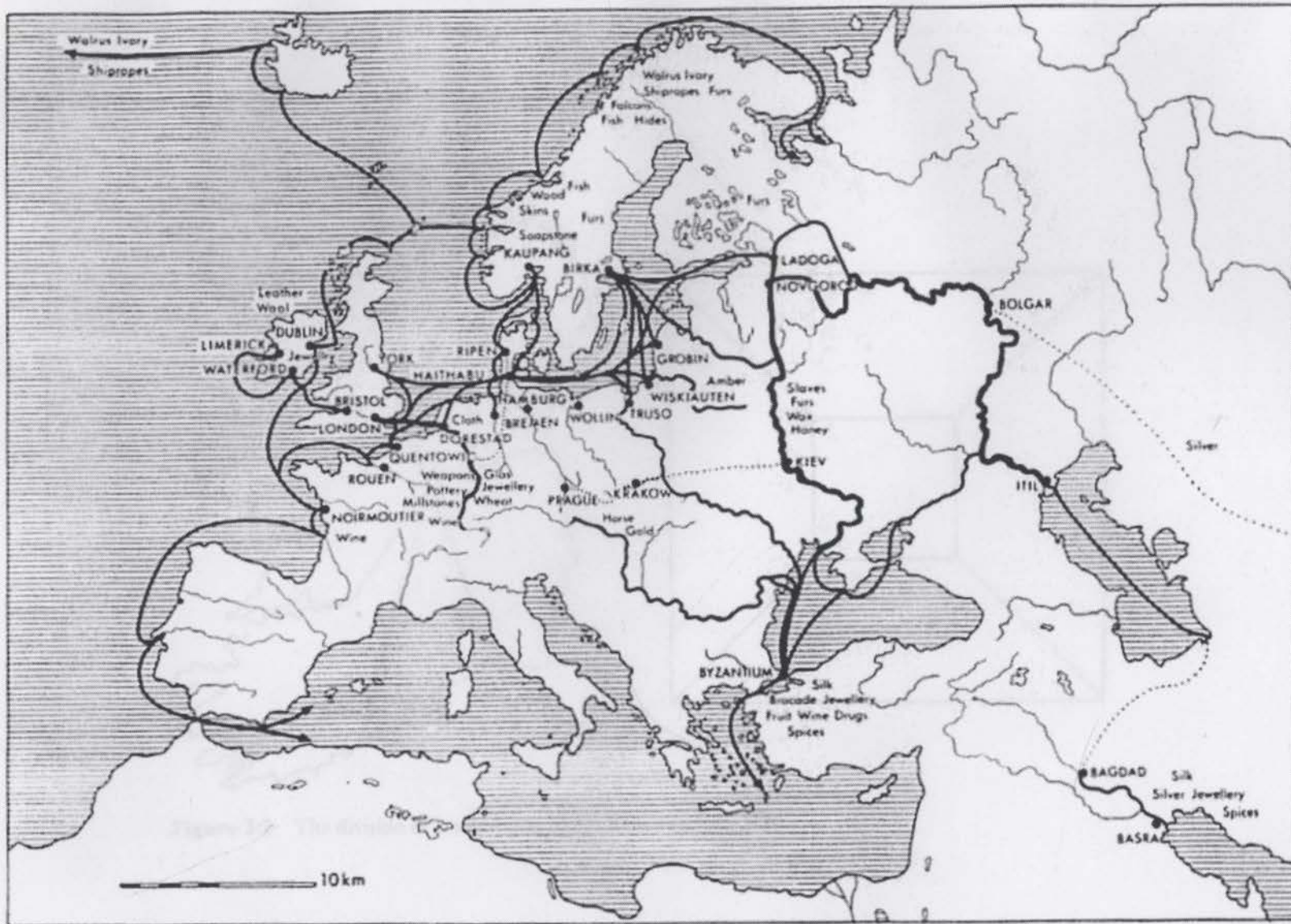


Fig 18 Map of the main trade-routes in central, northern and eastern Europe during the Viking period.

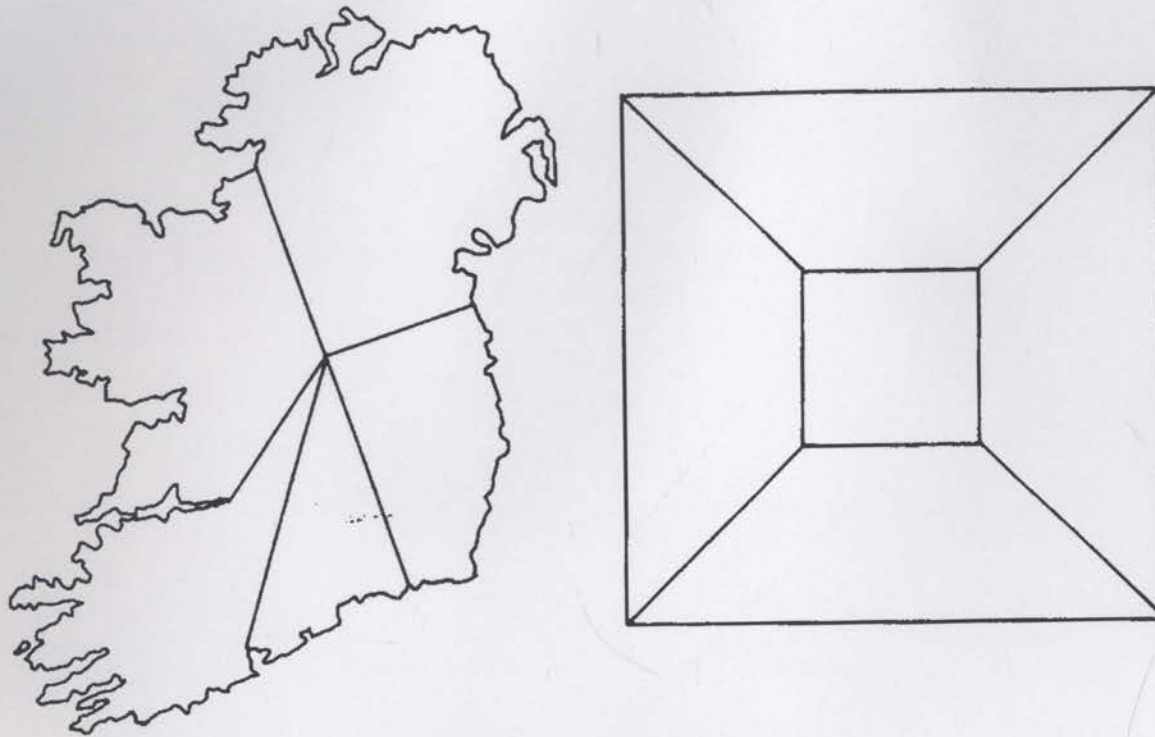


Figure 3:2 The division of Ireland into fifths (Rees and Rees 1961).